



# BARGE "KIRBY 29055"

## ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-06"

May 11, 2023

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 29055"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
1/4		1/4		1/4		1/4	4,189.50	1/4	3,900.32	1/4	3,596.65	1/4	3,279.19	1/4	2,949.81	1/4	2,618.70	1/4	2,287.55		
1/2		1/2		1/2		1/2	4,183.59	1/2	3,894.17	1/2	3,590.19	1/2	3,272.44	1/2	2,942.91	1/2	2,611.80	1/2	2,280.65		
3/4		3/4		3/4		3/4	4,177.66	3/4	3,888.00	3/4	3,583.70	3/4	3,265.66	3/4	2,936.01	3/4	2,604.90	3/4	2,273.75		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,171.74</b>	<b>1</b>	<b>3,881.82</b>	<b>1</b>	<b>3,577.21</b>	<b>1</b>	<b>3,258.88</b>	<b>1</b>	<b>2,929.12</b>	<b>1</b>	<b>2,598.00</b>	<b>1</b>	<b>2,266.85</b>		
1/4		1/4		1/4		1/4	4,165.81	1/4	3,875.64	1/4	3,570.72	1/4	3,252.10	1/4	2,922.22	1/4	2,591.10	1/4	2,259.95		
1/2		1/2		1/2		1/2	4,159.88	1/2	3,869.47	1/2	3,564.23	1/2	3,245.33	1/2	2,915.32	1/2	2,584.21	1/2	2,253.05		
3/4		3/4		3/4		3/4	4,153.93	3/4	3,863.27	3/4	3,557.71	3/4	3,238.53	3/4	2,908.42	3/4	2,577.31	3/4	2,246.15		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,147.97</b>	<b>2</b>	<b>3,857.07</b>	<b>2</b>	<b>3,551.20</b>	<b>2</b>	<b>3,231.74</b>	<b>2</b>	<b>2,901.52</b>	<b>2</b>	<b>2,570.41</b>	<b>2</b>	<b>2,239.25</b>		
1/4		1/4		1/4		1/4	4,142.02	1/4	3,850.87	1/4	3,544.69	1/4	3,224.94	1/4	2,894.63	1/4	2,563.51	1/4	2,232.36		
1/2		1/2		1/2		1/2	4,136.06	1/2	3,844.67	1/2	3,538.18	1/2	3,218.14	1/2	2,887.73	1/2	2,556.61	1/2	2,225.46		
3/4		3/4		3/4		3/4	4,130.12	3/4	3,838.42	3/4	3,531.64	3/4	3,211.33	3/4	2,880.83	3/4	2,549.72	3/4	2,218.56		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4,124.18</b>	<b>3</b>	<b>3,832.16</b>	<b>3</b>	<b>3,525.10</b>	<b>3</b>	<b>3,204.51</b>	<b>3</b>	<b>2,873.93</b>	<b>3</b>	<b>2,542.82</b>	<b>3</b>	<b>2,211.66</b>		
1/4		1/4		1/4		1/4	4,118.24	1/4	3,825.91	1/4	3,518.56	1/4	3,197.69	1/4	2,867.03	1/4	2,535.92	1/4	2,204.76		
1/2		1/2		1/2		1/2	4,112.30	1/2	3,819.66	1/2	3,512.03	1/2	3,190.87	1/2	2,860.13	1/2	2,529.02	1/2	2,197.86		
3/4		3/4		3/4		3/4	4,106.33	3/4	3,813.38	3/4	3,505.47	3/4	3,184.03	3/4	2,853.24	3/4	2,522.12	3/4	2,190.96		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,100.37</b>	<b>4</b>	<b>3,807.09</b>	<b>4</b>	<b>3,498.91</b>	<b>4</b>	<b>3,177.18</b>	<b>4</b>	<b>2,846.34</b>	<b>4</b>	<b>2,515.22</b>	<b>4</b>	<b>2,184.06</b>		
1/4		1/4		1/4		1/4	4,094.41	1/4	3,800.81	1/4	3,492.35	1/4	3,170.33	1/4	2,839.44	1/4	2,508.33	1/4	2,177.16		
1/2		1/2		1/2		1/2	4,088.44	1/2	3,794.53	1/2	3,485.79	1/2	3,163.49	1/2	2,832.54	1/2	2,501.43	1/2	2,170.26		
3/4		3/4		3/4		3/4	4,082.45	3/4	3,788.23	3/4	3,479.20	3/4	3,156.62	3/4	2,825.64	3/4	2,494.53	3/4	2,163.36		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,076.46</b>	<b>5</b>	<b>3,781.93</b>	<b>5</b>	<b>3,472.61</b>	<b>5</b>	<b>3,149.75</b>	<b>5</b>	<b>2,818.75</b>	<b>5</b>	<b>2,487.63</b>	<b>5</b>	<b>2,156.46</b>		
1/4		1/4		1/4		1/4	4,070.47	1/4	3,775.63	1/4	3,466.02	1/4	3,142.89	1/4	2,811.85	1/4	2,480.73	1/4	2,149.56		
1/2		1/2		1/2		1/2	4,064.48	1/2	3,769.33	1/2	3,459.43	1/2	3,136.02	1/2	2,804.95	1/2	2,473.84	1/2	2,142.66		
3/4		3/4		3/4		3/4	4,356.68	3/4	4,058.47	3/4	3,762.99	3/4	3,452.82	3/4	3,129.13	3/4	2,798.05	3/4	2,466.94	3/4	2,135.76
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,351.50</b>	<b>6</b>	<b>4,052.46</b>	<b>6</b>	<b>3,756.66</b>	<b>6</b>	<b>3,446.21</b>	<b>6</b>	<b>3,122.25</b>	<b>6</b>	<b>2,791.15</b>	<b>6</b>	<b>2,460.04</b>		
1/4		1/4		1/4		1/4	4,346.33	1/4	4,046.45	1/4	3,750.33	1/4	3,439.61	1/4	3,115.36	1/4	2,784.25	1/4	2,453.14	1/4	2,121.96
1/2		1/2		1/2		1/2	4,341.15	1/2	4,040.44	1/2	3,744.00	1/2	3,433.00	1/2	3,108.47	1/2	2,777.36	1/2	2,446.24	1/2	2,115.06
3/4		3/4		3/4		3/4	4,334.25	3/4	4,034.40	3/4	3,737.65	3/4	3,426.37	3/4	3,101.57	3/4	2,770.46	3/4	2,439.34	3/4	2,108.16
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>4,327.35</b>	<b>7</b>	<b>4,028.36</b>	<b>7</b>	<b>3,731.30</b>	<b>7</b>	<b>3,419.74</b>	<b>7</b>	<b>3,094.67</b>	<b>7</b>	<b>2,763.56</b>	<b>7</b>	<b>2,432.44</b>		
1/4		1/4		1/4		1/4	4,320.45	1/4	4,022.32	1/4	3,724.95	1/4	3,413.11	1/4	3,087.78	1/4	2,756.66	1/4	2,425.54	1/4	2,104.36
1/2		1/2		1/2		1/2	4,313.55	1/2	4,016.28	1/2	3,718.60	1/2	3,406.48	1/2	3,080.88	1/2	2,749.76	1/2	2,418.64	1/2	2,087.46
3/4		3/4		3/4		3/4	4,306.65	3/4	4,010.22	3/4	3,712.23	3/4	3,399.82	3/4	3,073.98	3/4	2,742.87	3/4	2,411.74	3/4	2,080.56
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>4,299.75</b>	<b>8</b>	<b>4,004.16</b>	<b>8</b>	<b>3,705.85</b>	<b>8</b>	<b>3,393.16</b>	<b>8</b>	<b>3,067.08</b>	<b>8</b>	<b>2,735.97</b>	<b>8</b>	<b>2,404.85</b>		
1/4		1/4		1/4		1/4	4,292.85	1/4	3,998.10	1/4	3,699.48	1/4	3,386.50	1/4	3,060.18	1/4	2,729.07	1/4	2,397.95	1/4	2,066.76
1/2		1/2		1/2		1/2	4,285.96	1/2	3,992.04	1/2	3,693.11	1/2	3,379.85	1/2	3,053.28	1/2	2,722.17	1/2	2,391.05	1/2	2,059.87
3/4		3/4		3/4		3/4	4,279.06	3/4	3,985.96	3/4	3,686.71	3/4	3,373.17	3/4	3,046.39	3/4	2,715.27	3/4	2,384.15	3/4	2,052.97
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>4,272.16</b>	<b>9</b>	<b>3,979.88</b>	<b>9</b>	<b>3,680.31</b>	<b>9</b>	<b>3,366.49</b>	<b>9</b>	<b>3,039.49</b>	<b>9</b>	<b>2,708.37</b>	<b>9</b>	<b>2,377.25</b>		
1/4		1/4		1/4		1/4	4,265.26	1/4	3,973.80	1/4	3,673.91	1/4	3,359.81	1/4	3,032.59	1/4	2,701.48	1/4	2,370.35	1/4	2,039.17
1/2		1/2		1/2		1/2	4,258.36	1/2	3,967.72	1/2	3,667.51	1/2	3,353.14	1/2	3,025.69	1/2	2,694.58	1/2	2,363.45	1/2	2,032.27
3/4		3/4		3/4		3/4	4,251.46	3/4	3,961.61	3/4	3,661.09	3/4	3,346.44	3/4	3,018.79	3/4	2,687.68	3/4	2,356.55	3/4	2,025.37
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>4,244.56</b>	<b>10</b>	<b>3,955.51</b>	<b>10</b>	<b>3,654.67</b>	<b>10</b>	<b>3,339.74</b>	<b>10</b>	<b>3,011.90</b>	<b>10</b>	<b>2,680.78</b>	<b>10</b>	<b>2,349.65</b>		
1/4		1/4		1/4		1/4	4,237.66	1/4	3,949.40	1/4	3,648.25	1/4	3,333.04	1/4	3,005.00	1/4	2,673.88	1/4	2,342.75	1/4	2,011.57
1/2		1/2		1/2		1/2	4,230.76	1/2	3,943.29	1/2	3,641.83	1/2	3,326.34	1/2	2,998.10	1/2	2,666.99	1/2	2,335.85	1/2	2,004.67
3/4		3/4		3/4		3/4	4,224.87	3/4	3,937.16	3/4	3,635.39	3/4	3,319.61	3/4	2,991.20	3/4	2,660.09	3/4	2,328.95	3/4	1,997.77
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>4,218.99</b>	<b>11</b>	<b>3,931.03</b>	<b>11</b>	<b>3,628.94</b>	<b>11</b>	<b>3,312.88</b>	<b>11</b>	<b>2,984.30</b>	<b>11</b>	<b>2,653.19</b>	<b>11</b>	<b>2,322.05</b>		
1/4		1/4		1/4		1/4	4,213.10	1/4	3,924.90	1/4	3,622.50	1/4	3,306.16	1/4	2,977.40	1/4	2,646.29	1/4	2,315.15	1/4	1,983.97
1/2		1/2		1/2		1/2	4,207.22	1/2	3,918.77	1/2	3,616.06	1/2	3,299.43	1/2	2,970.51	1/2	2,639.39	1/2	2,308.25	1/2	1,977.07
3/4		3/4		3/4		3/4	4,201.31	3/4	3,912.62	3/4	3,609.59	3/4	3,292.68	3/4	2,963.61	3/4	2,632.49	3/4	2,301.35	3/4	1,970.17

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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# BARGE "KIRBY 29055"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,963.27	0	1,632.09	0	1,300.91	0	970.23	0	655.20	0	363.24	0	94.86	0		0		0	
1/4	1,956.37	1/4	1,625.19	1/4	1,294.01	1/4	963.41	1/4	648.87	1/4	357.40	1/4	89.51	1/4	1/4	1/4		1/4	
1/2	1,949.47	1/2	1,618.29	1/2	1,287.11	1/2	956.59	1/2	642.54	1/2	351.56	1/2	84.16	1/2	1/2	1/2		1/2	
3/4	1,942.57	3/4	1,611.39	3/4	1,280.21	3/4	949.83	3/4	636.25	3/4	345.77	3/4	78.86	3/4	3/4	3/4		3/4	
1	1,935.67	1	1,604.49	1	1,273.31	1	943.07	1	629.97	1	339.97	1	73.56	1	1	1		1	
1/4	1,928.77	1/4	1,597.59	1/4	1,266.41	1/4	936.30	1/4	623.68	1/4	334.18	1/4	68.26	1/4	1/4	1/4		1/4	
1/2	1,921.87	1/2	1,590.69	1/2	1,259.51	1/2	929.54	1/2	617.39	1/2	328.38	1/2	62.96	1/2	1/2	1/2		1/2	
3/4	1,914.97	3/4	1,583.79	3/4	1,252.61	3/4	922.82	3/4	611.15	3/4	322.63	3/4	57.70	3/4	3/4	3/4		3/4	
2	1,908.07	2	1,576.89	2	1,245.71	2	916.10	2	604.90	2	316.87	2	52.44	2	2	2		2	
1/4	1,901.17	1/4	1,569.99	1/4	1,238.81	1/4	909.38	1/4	598.65	1/4	311.11	1/4	47.17	1/4	1/4	1/4		1/4	
1/2	1,894.27	1/2	1,563.09	1/2	1,231.91	1/2	902.65	1/2	592.41	1/2	305.36	1/2	41.91	1/2	1/2	1/2		1/2	
3/4	1,887.38	3/4	1,556.19	3/4	1,225.01	3/4	895.97	3/4	586.20	3/4	299.64	3/4	37.56	3/4	3/4	3/4		3/4	
3	1,880.48	3	1,549.29	3	1,218.11	3	889.29	3	580.00	3	293.93	3	33.20	3	3	3		3	
1/4	1,873.58	1/4	1,542.40	1/4	1,211.21	1/4	882.61	1/4	573.79	1/4	288.22	1/4	28.85	1/4	1/4	1/4		1/4	
1/2	1,866.68	1/2	1,535.50	1/2	1,204.31	1/2	875.93	1/2	567.59	1/2	282.51	1/2	24.49	1/2	1/2	1/2		1/2	
3/4	1,859.78	3/4	1,528.60	3/4	1,197.42	3/4	869.29	3/4	561.42	3/4	276.83	3/4	21.90	3/4	3/4	3/4		3/4	
4	1,852.88	4	1,521.70	4	1,190.52	4	862.65	4	555.26	4	271.16	4	19.31	4	4	4		4	
1/4	1,845.98	1/4	1,514.80	1/4	1,183.62	1/4	856.01	1/4	549.09	1/4	265.48	1/4	16.71	1/4	1/4	1/4		1/4	
1/2	1,839.08	1/2	1,507.90	1/2	1,176.72	1/2	849.37	1/2	542.93	1/2	259.81	1/2	14.12	1/2	1/2	1/2		1/2	
3/4	1,832.18	3/4	1,501.00	3/4	1,169.82	3/4	842.77	3/4	536.80	3/4	254.18	3/4		3/4	3/4	3/4		3/4	
5	1,825.28	5	1,494.10	5	1,162.92	5	836.18	5	530.68	5	248.55	5		5	5	5		5	
1/4	1,818.38	1/4	1,487.20	1/4	1,156.02	1/4	829.58	1/4	524.56	1/4	242.92	1/4		1/4	1/4	1/4		1/4	
1/2	1,811.48	1/2	1,480.30	1/2	1,149.12	1/2	822.98	1/2	518.44	1/2	237.29	1/2		1/2	1/2	1/2		1/2	
3/4	1,804.58	3/4	1,473.40	3/4	1,142.22	3/4	816.42	3/4	512.35	3/4	231.69	3/4		3/4	3/4	3/4		3/4	
6	1,797.68	6	1,466.50	6	1,135.32	6	809.86	6	506.27	6	226.10	6		6	6	6		6	
1/4	1,790.78	1/4	1,459.60	1/4	1,128.42	1/4	803.30	1/4	500.19	1/4	220.50	1/4		1/4	1/4	1/4		1/4	
1/2	1,783.88	1/2	1,452.70	1/2	1,121.52	1/2	796.74	1/2	494.10	1/2	214.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,776.98	3/4	1,445.80	3/4	1,114.62	3/4	790.23	3/4	488.06	3/4	209.36	3/4		3/4	3/4	3/4		3/4	
7	1,770.08	7	1,438.90	7	1,107.72	7	783.71	7	482.02	7	203.81	7		7	7	7		7	
1/4	1,763.18	1/4	1,432.00	1/4	1,100.82	1/4	777.20	1/4	475.98	1/4	198.27	1/4		1/4	1/4	1/4		1/4	
1/2	1,756.28	1/2	1,425.10	1/2	1,093.92	1/2	770.68	1/2	469.94	1/2	192.72	1/2		1/2	1/2	1/2		1/2	
3/4	1,749.38	3/4	1,418.20	3/4	1,087.02	3/4	764.20	3/4	463.94	3/4	187.21	3/4		3/4	3/4	3/4		3/4	
8	1,742.48	8	1,411.30	8	1,080.12	8	757.73	8	457.94	8	181.69	8		8	8	8		8	
1/4	1,735.58	1/4	1,404.40	1/4	1,073.23	1/4	751.25	1/4	451.94	1/4	176.18	1/4		1/4	1/4	1/4		1/4	
1/2	1,728.68	1/2	1,397.50	1/2	1,066.33	1/2	744.77	1/2	445.93	1/2	170.67	1/2		1/2	1/2	1/2		1/2	
3/4	1,721.78	3/4	1,390.60	3/4	1,059.44	3/4	738.32	3/4	439.98	3/4	165.20	3/4		3/4	3/4	3/4		3/4	
9	1,714.89	9	1,383.70	9	1,052.55	9	731.87	9	434.02	9	159.74	9		9	9	9		9	
1/4	1,707.99	1/4	1,376.80	1/4	1,045.66	1/4	725.42	1/4	428.06	1/4	154.27	1/4		1/4	1/4	1/4		1/4	
1/2	1,701.09	1/2	1,369.91	1/2	1,038.77	1/2	718.97	1/2	422.10	1/2	148.80	1/2		1/2	1/2	1/2		1/2	
3/4	1,694.19	3/4	1,363.01	3/4	1,031.89	3/4	712.56	3/4	416.18	3/4	143.37	3/4		3/4	3/4	3/4		3/4	
10	1,687.29	10	1,356.11	10	1,025.02	10	706.15	10	410.26	10	137.94	10		10	10	10		10	
1/4	1,680.39	1/4	1,349.21	1/4	1,018.14	1/4	699.74	1/4	404.34	1/4	132.51	1/4		1/4	1/4	1/4		1/4	
1/2	1,673.49	1/2	1,342.31	1/2	1,011.27	1/2	693.33	1/2	398.42	1/2	127.08	1/2		1/2	1/2	1/2		1/2	
3/4	1,666.59	3/4	1,335.41	3/4	1,004.42	3/4	686.96	3/4	392.54	3/4	121.70	3/4		3/4	3/4	3/4		3/4	
11	1,659.69	11	1,328.51	11	997.56	11	680.59	11	386.67	11	116.31	11		11	11	11		11	
1/4	1,652.79	1/4	1,321.61	1/4	990.71	1/4	674.22	1/4	380.79	1/4	110.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,645.89	1/2	1,314.71	1/2	983.86	1/2	667.85	1/2	374.91	1/2	105.55	1/2		1/2	1/2	1/2		1/2	
3/4	1,638.99	3/4	1,307.81	3/4	977.04	3/4	661.53	3/4	369.08	3/4	100.20	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/10/2013 CL - SW  
CALCULATED: 04/10/2013 CL  
VERIFIED: 05/11/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



# BARGE "KIRBY 29055"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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		0		0		0	4,198.44	0	3,909.83	0	3,606.88	0	3,290.05	0	2,961.06	0	2,630.03	0	2,298.98
1/4		1/4		1/4		1/4	4,192.53	1/4	3,903.68	1/4	3,600.41	1/4	3,283.30	1/4	2,954.16	1/4	2,623.14	1/4	2,292.08
1/2		1/2		1/2		1/2	4,186.63	1/2	3,897.53	1/2	3,593.94	1/2	3,276.56	1/2	2,947.27	1/2	2,616.24	1/2	2,285.18
3/4		3/4		3/4		3/4	4,180.73	3/4	3,891.38	3/4	3,587.47	3/4	3,269.81	3/4	2,940.37	3/4	2,609.34	3/4	2,278.28
1		1		1		1	4,174.80	1	3,885.21	1	3,580.99	1	3,263.03	1	2,933.47	1	2,602.45	1	2,271.38
1/4		1/4		1/4		1/4	4,168.87	1/4	3,879.03	1/4	3,574.50	1/4	3,256.26	1/4	2,926.58	1/4	2,595.55	1/4	2,264.49
1/2		1/2		1/2		1/2	4,162.95	1/2	3,872.86	1/2	3,568.01	1/2	3,249.48	1/2	2,919.68	1/2	2,588.65	1/2	2,257.59
3/4		3/4		3/4		3/4	4,157.02	3/4	3,866.68	3/4	3,561.52	3/4	3,242.71	3/4	2,912.78	3/4	2,581.76	3/4	2,250.69
2		2		2		2	4,151.07	2	3,860.48	2	3,555.01	2	3,235.91	2	2,905.89	2	2,574.86	2	2,243.79
1/4		1/4		1/4		1/4	4,145.11	1/4	3,854.29	1/4	3,548.50	1/4	3,229.12	1/4	2,898.99	1/4	2,567.96	1/4	2,236.90
1/2		1/2		1/2		1/2	4,139.16	1/2	3,848.09	1/2	3,541.99	1/2	3,222.32	1/2	2,892.10	1/2	2,561.07	1/2	2,230.00
3/4		3/4		3/4		3/4	4,133.21	3/4	3,841.89	3/4	3,535.48	3/4	3,215.53	3/4	2,885.20	3/4	2,554.17	3/4	2,223.10
3		3		3		3	4,127.27	3	3,835.64	3	3,528.94	3	3,208.71	3	2,878.30	3	2,547.28	3	2,216.20
1/4		1/4		1/4		1/4	4,121.33	1/4	3,829.39	1/4	3,522.41	1/4	3,201.90	1/4	2,871.41	1/4	2,540.38	1/4	2,209.30
1/2		1/2		1/2		1/2	4,115.39	1/2	3,823.14	1/2	3,515.87	1/2	3,195.08	1/2	2,864.51	1/2	2,533.48	1/2	2,202.41
3/4		3/4		3/4		3/4	4,109.45	3/4	3,816.88	3/4	3,509.33	3/4	3,188.27	3/4	2,857.61	3/4	2,526.59	3/4	2,195.51
4		4		4		4	4,103.49	4	3,810.61	4	3,502.78	4	3,181.42	4	2,850.72	4	2,519.69	4	2,188.61
1/4		1/4		1/4		1/4	4,097.52	1/4	3,804.33	1/4	3,496.22	1/4	3,174.58	1/4	2,843.82	1/4	2,512.79	1/4	2,181.71
1/2		1/2		1/2		1/2	4,091.56	1/2	3,798.05	1/2	3,489.66	1/2	3,167.73	1/2	2,836.92	1/2	2,505.90	1/2	2,174.82
3/4		3/4		3/4		3/4	4,085.60	3/4	3,791.77	3/4	3,483.10	3/4	3,160.88	3/4	2,830.03	3/4	2,499.00	3/4	2,167.92
5		5		5		5	4,079.61	5	3,785.47	5	3,476.51	5	3,154.02	5	2,823.13	5	2,492.10	5	2,161.02
1/4		1/4		1/4		1/4	4,073.62	1/4	3,779.17	1/4	3,469.93	1/4	3,147.16	1/4	2,816.24	1/4	2,485.21	1/4	2,154.12
1/2		1/2		1/2		1/2	4,067.64	1/2	3,772.87	1/2	3,463.34	1/2	3,140.29	1/2	2,809.34	1/2	2,478.31	1/2	2,147.22
3/4		3/4		3/4		3/4	4,061.65	3/4	3,766.57	3/4	3,456.75	3/4	3,133.43	3/4	2,802.44	3/4	2,471.42	3/4	2,140.33
6		6		6		6	4,055.64	6	3,760.24	6	3,450.15	6	3,126.54	6	2,795.55	6	2,464.52	6	2,133.43
1/4		1/4		1/4	4,348.59	1/4	4,049.63	1/4	3,753.91	1/4	3,443.54	1/4	3,119.66	1/4	2,788.65	1/4	2,457.62	1/4	2,126.53
1/2		1/2		1/2	4,343.42	1/2	4,043.62	1/2	3,747.58	1/2	3,436.93	1/2	3,112.77	1/2	2,781.75	1/2	2,450.73	1/2	2,119.63
3/4		3/4		3/4	4,338.24	3/4	4,037.61	3/4	3,741.25	3/4	3,430.33	3/4	3,105.88	3/4	2,774.86	3/4	2,443.83	3/4	2,112.74
7		7		7	4,331.35	7	4,031.57	7	3,734.90	7	3,423.70	7	3,098.99	7	2,767.96	7	2,436.93	7	2,105.84
1/4		1/4		1/4	4,324.45	1/4	4,025.53	1/4	3,728.55	1/4	3,417.07	1/4	3,092.09	1/4	2,761.06	1/4	2,430.03	1/4	2,098.94
1/2		1/2		1/2	4,317.55	1/2	4,019.49	1/2	3,722.20	1/2	3,410.44	1/2	3,085.19	1/2	2,754.17	1/2	2,423.14	1/2	2,092.04
3/4		3/4		3/4	4,310.65	3/4	4,013.45	3/4	3,715.85	3/4	3,403.81	3/4	3,078.30	3/4	2,747.27	3/4	2,416.24	3/4	2,085.14
8		8		8	4,303.76	8	4,007.40	8	3,709.48	8	3,397.16	8	3,071.40	8	2,740.37	8	2,409.34	8	2,078.25
1/4		1/4		1/4	4,296.86	1/4	4,001.34	1/4	3,703.11	1/4	3,390.50	1/4	3,064.51	1/4	2,733.48	1/4	2,402.44	1/4	2,071.35
1/2		1/2		1/2	4,289.96	1/2	3,995.28	1/2	3,696.74	1/2	3,383.85	1/2	3,057.61	1/2	2,726.58	1/2	2,395.55	1/2	2,064.45
3/4		3/4		3/4	4,283.06	3/4	3,989.23	3/4	3,690.37	3/4	3,377.19	3/4	3,050.71	3/4	2,719.69	3/4	2,388.65	3/4	2,057.55
9		9		9	4,276.16	9	3,983.15	9	3,683.97	9	3,370.51	9	3,043.82	9	2,712.79	9	2,381.75	9	2,050.66
1/4		1/4		1/4	4,269.27	1/4	3,977.07	1/4	3,677.57	1/4	3,363.84	1/4	3,036.92	1/4	2,705.89	1/4	2,374.85	1/4	2,043.76
1/2		1/2		1/2	4,262.37	1/2	3,970.99	1/2	3,671.18	1/2	3,357.16	1/2	3,030.02	1/2	2,699.00	1/2	2,367.95	1/2	2,036.86
3/4		3/4		3/4	4,255.47	3/4	3,964.91	3/4	3,664.78	3/4	3,350.49	3/4	3,023.13	3/4	2,692.10	3/4	2,361.06	3/4	2,029.96
10		10		10	4,248.57	10	3,958.80	10	3,658.36	10	3,343.79	10	3,016.23	10	2,685.20	10	2,354.16	10	2,023.06
1/4		1/4		1/4	4,241.68	1/4	3,952.70	1/4	3,651.94	1/4	3,337.09	1/4	3,009.33	1/4	2,678.31	1/4	2,347.26	1/4	2,016.17
1/2		1/2		1/2	4,234.78	1/2	3,946.59	1/2	3,645.52	1/2	3,330.39	1/2	3,002.44	1/2	2,671.41	1/2	2,340.36	1/2	2,009.27
3/4		3/4		3/4	4,227.88	3/4	3,940.48	3/4	3,639.10	3/4	3,323.69	3/4	2,995.54	3/4	2,664.51	3/4	2,333.46	3/4	2,002.37
11		11		11	4,222.00	11	3,934.36	11	3,632.66	11	3,316.97	11	2,988.65	11	2,657.62	11	2,326.57	11	1,995.47
1/4		1/4		1/4	4,216.11	1/4	3,928.23	1/4	3,626.22	1/4	3,310.24	1/4	2,981.75	1/4	2,650.72	1/4	2,319.67	1/4	1,988.57
1/2		1/2		1/2	4,210.23	1/2	3,922.10	1/2	3,619.78	1/2	3,303.52	1/2	2,974.85	1/2	2,643.83	1/2	2,312.77	1/2	1,981.68
3/4		3/4		3/4	4,204.34	3/4	3,915.98	3/4	3,613.34	3/4	3,296.79	3/4	2,967.96	3/4	2,636.93	3/4	2,305.87	3/4	1,974.78

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 37'-03" 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 29055"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,967.88	0	1,636.79	0	1,305.69	0	975.17	0	661.34	0	368.97	0	100.17	0		0		0	
1/4	1,960.98	1/4	1,629.89	1/4	1,298.79	1/4	968.39	1/4	655.01	1/4	363.13	1/4	94.83	1/4	1/4	1/4		1/4	
1/2	1,954.09	1/2	1,622.99	1/2	1,291.90	1/2	961.61	1/2	648.69	1/2	357.30	1/2	89.48	1/2	1/2	1/2		1/2	
3/4	1,947.19	3/4	1,616.09	3/4	1,285.00	3/4	954.83	3/4	642.36	3/4	351.46	3/4	84.14	3/4	3/4	3/4		3/4	
1	1,940.29	1	1,609.20	1	1,278.10	1	948.11	1	636.07	1	345.67	1	78.84	1	1	1		1	
1/4	1,933.39	1/4	1,602.30	1/4	1,271.20	1/4	941.38	1/4	629.79	1/4	339.88	1/4	73.54	1/4	1/4	1/4		1/4	
1/2	1,926.49	1/2	1,595.40	1/2	1,264.31	1/2	934.66	1/2	623.50	1/2	334.08	1/2	68.24	1/2	1/2	1/2		1/2	
3/4	1,919.60	3/4	1,588.50	3/4	1,257.41	3/4	927.94	3/4	617.22	3/4	328.29	3/4	62.94	3/4	3/4	3/4		3/4	
2	1,912.70	2	1,581.60	2	1,250.51	2	921.26	2	610.98	2	322.54	2	57.68	2	2	2		2	
1/4	1,905.80	1/4	1,574.71	1/4	1,243.61	1/4	914.58	1/4	604.73	1/4	316.78	1/4	52.42	1/4	1/4	1/4		1/4	
1/2	1,898.90	1/2	1,567.81	1/2	1,236.71	1/2	907.90	1/2	598.48	1/2	311.03	1/2	47.16	1/2	1/2	1/2		1/2	
3/4	1,892.01	3/4	1,560.91	3/4	1,229.82	3/4	901.21	3/4	592.24	3/4	305.27	3/4	41.90	3/4	3/4	3/4		3/4	
3	1,885.11	3	1,554.01	3	1,222.92	3	894.58	3	586.04	3	299.56	3	37.55	3	3	3		3	
1/4	1,878.21	1/4	1,547.12	1/4	1,216.02	1/4	887.94	1/4	579.83	1/4	293.85	1/4	33.19	1/4	1/4	1/4		1/4	
1/2	1,871.31	1/2	1,540.22	1/2	1,209.12	1/2	881.30	1/2	573.63	1/2	288.14	1/2	28.84	1/2	1/2	1/2		1/2	
3/4	1,864.41	3/4	1,533.32	3/4	1,202.23	3/4	874.66	3/4	567.43	3/4	282.43	3/4	24.48	3/4	3/4	3/4		3/4	
4	1,857.52	4	1,526.42	4	1,195.33	4	868.06	4	561.26	4	276.75	4	21.89	4	4	4		4	
1/4	1,850.62	1/4	1,519.52	1/4	1,188.43	1/4	861.46	1/4	555.10	1/4	271.08	1/4	19.30	1/4	1/4	1/4		1/4	
1/2	1,843.72	1/2	1,512.63	1/2	1,181.53	1/2	854.86	1/2	548.94	1/2	265.41	1/2	16.71	1/2	1/2	1/2		1/2	
3/4	1,836.82	3/4	1,505.73	3/4	1,174.63	3/4	848.26	3/4	542.77	3/4	259.73	3/4	14.12	3/4	3/4	3/4		3/4	
5	1,829.93	5	1,498.83	5	1,167.74	5	841.70	5	536.65	5	254.10	5		5	5	5		5	
1/4	1,823.03	1/4	1,491.93	1/4	1,160.84	1/4	835.14	1/4	530.53	1/4	248.48	1/4		1/4	1/4	1/4		1/4	
1/2	1,816.13	1/2	1,485.04	1/2	1,153.94	1/2	828.58	1/2	524.41	1/2	242.85	1/2		1/2	1/2	1/2		1/2	
3/4	1,809.23	3/4	1,478.14	3/4	1,147.04	3/4	822.03	3/4	518.29	3/4	237.22	3/4		3/4	3/4	3/4		3/4	
6	1,802.33	6	1,471.24	6	1,140.15	6	815.51	6	512.21	6	231.63	6		6	6	6		6	
1/4	1,795.44	1/4	1,464.34	1/4	1,133.25	1/4	808.99	1/4	506.13	1/4	226.03	1/4		1/4	1/4	1/4		1/4	
1/2	1,788.54	1/2	1,457.44	1/2	1,126.35	1/2	802.47	1/2	500.05	1/2	220.44	1/2		1/2	1/2	1/2		1/2	
3/4	1,781.64	3/4	1,450.55	3/4	1,119.45	3/4	795.95	3/4	493.96	3/4	214.85	3/4		3/4	3/4	3/4		3/4	
7	1,774.74	7	1,443.65	7	1,112.55	7	789.48	7	487.93	7	209.30	7		7	7	7		7	
1/4	1,767.85	1/4	1,436.75	1/4	1,105.66	1/4	783.00	1/4	481.89	1/4	203.76	1/4		1/4	1/4	1/4		1/4	
1/2	1,760.95	1/2	1,429.85	1/2	1,098.76	1/2	776.52	1/2	475.85	1/2	198.21	1/2		1/2	1/2	1/2		1/2	
3/4	1,754.05	3/4	1,422.96	3/4	1,091.86	3/4	770.05	3/4	469.81	3/4	192.66	3/4		3/4	3/4	3/4		3/4	
8	1,747.15	8	1,416.06	8	1,084.96	8	763.61	8	463.81	8	187.15	8		8	8	8		8	
1/4	1,740.25	1/4	1,409.16	1/4	1,078.07	1/4	757.17	1/4	457.81	1/4	181.64	1/4		1/4	1/4	1/4		1/4	
1/2	1,733.36	1/2	1,402.26	1/2	1,071.17	1/2	750.74	1/2	451.81	1/2	176.13	1/2		1/2	1/2	1/2		1/2	
3/4	1,726.46	3/4	1,395.36	3/4	1,064.27	3/4	744.30	3/4	445.81	3/4	170.62	3/4		3/4	3/4	3/4		3/4	
9	1,719.56	9	1,388.47	9	1,057.39	9	737.89	9	439.85	9	165.16	9		9	9	9		9	
1/4	1,712.66	1/4	1,381.57	1/4	1,050.50	1/4	731.48	1/4	433.89	1/4	159.69	1/4		1/4	1/4	1/4		1/4	
1/2	1,705.77	1/2	1,374.67	1/2	1,043.61	1/2	725.06	1/2	427.94	1/2	154.23	1/2		1/2	1/2	1/2		1/2	
3/4	1,698.87	3/4	1,367.77	3/4	1,036.72	3/4	718.65	3/4	421.98	3/4	148.76	3/4		3/4	3/4	3/4		3/4	
10	1,691.97	10	1,360.88	10	1,029.85	10	712.27	10	416.06	10	143.33	10		10	10	10		10	
1/4	1,685.07	1/4	1,353.98	1/4	1,022.97	1/4	705.89	1/4	410.14	1/4	137.90	1/4		1/4	1/4	1/4		1/4	
1/2	1,678.17	1/2	1,347.08	1/2	1,016.10	1/2	699.51	1/2	404.23	1/2	132.47	1/2		1/2	1/2	1/2		1/2	
3/4	1,671.28	3/4	1,340.18	3/4	1,009.23	3/4	693.13	3/4	398.31	3/4	127.04	3/4		3/4	3/4	3/4		3/4	
11	1,664.38	11	1,333.28	11	1,002.41	11	686.77	11	392.43	11	121.66	11		11	11	11		11	
1/4	1,657.48	1/4	1,326.39	1/4	995.59	1/4	680.40	1/4	386.56	1/4	116.28	1/4		1/4	1/4	1/4		1/4	
1/2	1,650.58	1/2	1,319.49	1/2	988.77	1/2	674.03	1/2	380.68	1/2	110.90	1/2		1/2	1/2	1/2		1/2	
3/4	1,643.68	3/4	1,312.59	3/4	981.95	3/4	667.67	3/4	374.81	3/4	105.52	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/10/2013 CL - SW  
CALCULATED: 04/10/2013 CL  
VERIFIED: 05/11/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



# BARGE "KIRBY 29055"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							5,095.49		4,758.23		4,403.38		4,031.91		3,646.18		3,258.06		2,869.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,088.56	1/4	4,751.06	1/4	4,395.79	1/4	4,024.00	1/4	3,638.09	1/4	3,249.98	1/4	2,861.80		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,081.64	1/2	4,743.88	1/2	4,388.21	1/2	4,016.09	1/2	3,630.01	1/2	3,241.89	1/2	2,853.71		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,074.72	3/4	4,736.70	3/4	4,380.63	3/4	4,008.18	3/4	3,621.92	3/4	3,233.80	3/4	2,845.62		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>5,067.77</b>	<b>1</b>	<b>4,729.49</b>	<b>1</b>	<b>4,373.02</b>	<b>1</b>	<b>4,000.24</b>	<b>1</b>	<b>3,613.84</b>	<b>1</b>	<b>3,225.72</b>	<b>1</b>	<b>2,837.53</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,060.82	1/4	4,722.28	1/4	4,365.41	1/4	3,992.29	1/4	3,605.75	1/4	3,217.63	1/4	2,829.44		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,053.87	1/2	4,715.07	1/2	4,357.81	1/2	3,984.35	1/2	3,597.67	1/2	3,209.55	1/2	2,821.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,046.92	3/4	4,707.86	3/4	4,350.20	3/4	3,976.40	3/4	3,589.58	3/4	3,201.46	3/4	2,813.27		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>5,039.94</b>	<b>2</b>	<b>4,700.63</b>	<b>2</b>	<b>4,342.57</b>	<b>2</b>	<b>3,968.43</b>	<b>2</b>	<b>3,581.49</b>	<b>2</b>	<b>3,193.38</b>	<b>2</b>	<b>2,805.18</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,032.96	1/4	4,693.39	1/4	4,334.93	1/4	3,960.47	1/4	3,573.41	1/4	3,185.29	1/4	2,797.09		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,025.98	1/2	4,686.16	1/2	4,327.30	1/2	3,952.50	1/2	3,565.32	1/2	3,177.20	1/2	2,789.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,019.00	3/4	4,678.93	3/4	4,319.67	3/4	3,944.54	3/4	3,557.24	3/4	3,169.12	3/4	2,780.91		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5,012.06</b>	<b>3</b>	<b>4,671.60</b>	<b>3</b>	<b>4,312.00</b>	<b>3</b>	<b>3,936.55</b>	<b>3</b>	<b>3,549.15</b>	<b>3</b>	<b>3,161.03</b>	<b>3</b>	<b>2,772.83</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,005.13	1/4	4,664.26	1/4	4,304.34	1/4	3,928.55	1/4	3,541.07	1/4	3,152.95	1/4	2,764.74		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,998.19	1/2	4,656.93	1/2	4,296.68	1/2	3,920.56	1/2	3,532.98	1/2	3,144.86	1/2	2,756.65		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,991.26	3/4	4,649.60	3/4	4,289.01	3/4	3,912.57	3/4	3,524.89	3/4	3,136.78	3/4	2,748.56		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,984.30</b>	<b>4</b>	<b>4,642.24</b>	<b>4</b>	<b>4,281.32</b>	<b>4</b>	<b>3,904.55</b>	<b>4</b>	<b>3,516.81</b>	<b>4</b>	<b>3,128.69</b>	<b>4</b>	<b>2,740.47</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,977.34	1/4	4,634.88	1/4	4,273.63	1/4	3,896.52	1/4	3,508.72	1/4	3,120.60	1/4	2,732.38		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,970.38	1/2	4,627.52	1/2	4,265.95	1/2	3,888.49	1/2	3,500.64	1/2	3,112.52	1/2	2,724.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,963.42	3/4	4,620.16	3/4	4,258.26	3/4	3,880.47	3/4	3,492.55	3/4	3,104.43	3/4	2,716.21		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,956.43</b>	<b>5</b>	<b>4,612.77</b>	<b>5</b>	<b>4,250.53</b>	<b>5</b>	<b>3,872.42</b>	<b>5</b>	<b>3,484.46</b>	<b>5</b>	<b>3,096.35</b>	<b>5</b>	<b>2,708.12</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,949.44	1/4	4,605.38	1/4	4,242.81	1/4	3,864.37	1/4	3,476.38	1/4	3,088.26	1/4	2,700.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,942.45	1/2	4,598.00	1/2	4,235.09	1/2	3,856.33	1/2	3,468.29	1/2	3,080.17	1/2	2,691.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,935.46	3/4	4,590.61	3/4	4,227.36	3/4	3,848.28	3/4	3,460.21	3/4	3,072.09	3/4	2,683.85		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,928.44</b>	<b>6</b>	<b>4,583.19</b>	<b>6</b>	<b>4,219.62</b>	<b>6</b>	<b>3,840.20</b>	<b>6</b>	<b>3,452.12</b>	<b>6</b>	<b>3,064.00</b>	<b>6</b>	<b>2,675.76</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,271.56	1/4	4,921.42	1/4	4,575.77	1/4	4,211.87	1/4	3,832.13	1/4	3,444.04	1/4	3,055.92	1/4	2,667.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,265.49	1/2	4,914.41	1/2	4,568.34	1/2	4,204.13	1/2	3,824.06	1/2	3,435.95	1/2	3,047.83	1/2	2,659.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,259.43	3/4	4,907.39	3/4	4,560.92	3/4	4,196.38	3/4	3,815.98	3/4	3,427.86	3/4	3,039.75	3/4	2,651.50
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>5,251.34</b>	<b>7</b>	<b>4,900.34</b>	<b>7</b>	<b>4,553.48</b>	<b>7</b>	<b>4,188.61</b>	<b>7</b>	<b>3,807.90</b>	<b>7</b>	<b>3,419.78</b>	<b>7</b>	<b>3,031.66</b>	<b>7</b>	<b>2,643.41</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,243.25	1/4	4,893.29	1/4	4,546.04	1/4	4,180.84	1/4	3,799.81	1/4	3,411.69	1/4	3,023.57	1/4	2,635.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,235.16	1/2	4,886.25	1/2	4,538.59	1/2	4,173.07	1/2	3,791.72	1/2	3,403.61	1/2	3,015.48	1/2	2,627.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,227.07	3/4	4,879.20	3/4	4,531.15	3/4	4,165.30	3/4	3,783.64	3/4	3,395.52	3/4	3,007.39	3/4	2,619.14
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>5,218.98</b>	<b>8</b>	<b>4,872.13</b>	<b>8</b>	<b>4,523.68</b>	<b>8</b>	<b>4,157.49</b>	<b>8</b>	<b>3,775.55</b>	<b>8</b>	<b>3,387.43</b>	<b>8</b>	<b>2,999.30</b>	<b>8</b>	<b>2,611.06</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,210.89	1/4	4,865.06	1/4	4,516.21	1/4	4,149.69	1/4	3,767.47	1/4	3,379.35	1/4	2,991.21	1/4	2,602.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,202.81	1/2	4,857.99	1/2	4,508.74	1/2	4,141.88	1/2	3,759.38	1/2	3,371.26	1/2	2,983.13	1/2	2,594.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,194.72	3/4	4,850.92	3/4	4,501.27	3/4	4,134.08	3/4	3,751.30	3/4	3,363.18	3/4	2,975.04	3/4	2,586.79
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>5,186.63</b>	<b>9</b>	<b>4,843.82</b>	<b>9</b>	<b>4,493.77</b>	<b>9</b>	<b>4,126.25</b>	<b>9</b>	<b>3,743.21</b>	<b>9</b>	<b>3,355.09</b>	<b>9</b>	<b>2,966.95</b>	<b>9</b>	<b>2,578.70</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,178.54	1/4	4,836.73	1/4	4,486.27	1/4	4,118.42	1/4	3,735.12	1/4	3,347.01	1/4	2,958.86	1/4	2,570.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,170.45	1/2	4,829.63	1/2	4,478.77	1/2	4,110.60	1/2	3,727.04	1/2	3,338.92	1/2	2,950.77	1/2	2,562.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,162.36	3/4	4,822.53	3/4	4,471.26	3/4	4,102.77	3/4	3,718.95	3/4	3,330.83	3/4	2,942.68	3/4	2,554.44
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>5,154.28</b>	<b>10</b>	<b>4,815.41</b>	<b>10</b>	<b>4,463.74</b>	<b>10</b>	<b>4,094.92</b>	<b>10</b>	<b>3,710.87</b>	<b>10</b>	<b>3,322.75</b>	<b>10</b>	<b>2,934.60</b>	<b>10</b>	<b>2,546.35</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,146.19	1/4	4,808.28	1/4	4,456.21	1/4	4,087.06	1/4	3,702.78	1/4	3,314.66	1/4	2,926.51	1/4	2,538.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,138.10	1/2	4,801.15	1/2	4,448.69	1/2	4,079.21	1/2	3,694.70	1/2	3,306.58	1/2	2,918.42	1/2	2,530.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,130.01	3/4	4,794.02	3/4	4,441.16	3/4	4,071.36	3/4	3,686.61	3/4	3,298.49	3/4	2,910.33	3/4	2,522.08
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>5,123.11</b>	<b>11</b>	<b>4,786.87</b>	<b>11</b>	<b>4,433.61</b>	<b>11</b>	<b>4,063.47</b>	<b>11</b>	<b>3,678.52</b>	<b>11</b>	<b>3,290.41</b>	<b>11</b>	<b>2,902.24</b>	<b>11</b>	<b>2,513.99</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,116.21	1/4	4,779.71	1/4	4,426.06	1/4	4,055.59	1/4	3,670.44	1/4	3,282.32	1/4	2,894.15	1/4	2,505.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,109.31	1/2	4,772.56	1/2	4,418.51	1/2	4,047.70	1/2	3,662.35	1/2	3,274.23	1/2	2,886.06	1/2	2,497.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,102.41	3/4	4,765.41	3/4	4,410.96	3/4	4,039.82	3/4	3,654.27	3/4	3,266.15	3/4	2,877.98	3/4	2,489.73

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 44'-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 29055"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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	2,481.64	0	2,093.39	0	1,705.14	0	1,316.90	0	928.65	0	541.28	0	153.45	0		0		0	
1/4	2,473.55	1/4	2,085.30	1/4	1,697.05	1/4	1,308.81	1/4	920.56	1/4	533.20	1/4	145.37	1/4	1/4	1/4		1/4	
1/2	2,465.46	1/2	2,077.21	1/2	1,688.97	1/2	1,300.72	1/2	912.47	1/2	525.12	1/2	137.29	1/2	1/2	1/2		1/2	
3/4	2,457.37	3/4	2,069.13	3/4	1,680.88	3/4	1,292.63	3/4	904.38	3/4	517.04	3/4	129.21	3/4	3/4	3/4		3/4	
1	2,449.29	1	2,061.04	1	1,672.79	1	1,284.54	1	896.31	1	508.96	1	121.13	1	1	1		1	
1/4	2,441.20	1/4	2,052.95	1/4	1,664.70	1/4	1,276.45	1/4	888.23	1/4	500.88	1/4	113.05	1/4	1/4	1/4		1/4	
1/2	2,433.11	1/2	2,044.86	1/2	1,656.61	1/2	1,268.36	1/2	880.15	1/2	492.80	1/2	104.97	1/2	1/2	1/2		1/2	
3/4	2,425.02	3/4	2,036.77	3/4	1,648.52	3/4	1,260.28	3/4	872.08	3/4	484.72	3/4	96.89	3/4	3/4	3/4		3/4	
2	2,416.93	2	2,028.68	2	1,640.44	2	1,252.19	2	864.01	2	476.64	2	88.81	2	2	2		2	
1/4	2,408.84	1/4	2,020.59	1/4	1,632.35	1/4	1,244.10	1/4	855.95	1/4	468.56	1/4	80.73	1/4	1/4	1/4		1/4	
1/2	2,400.75	1/2	2,012.51	1/2	1,624.26	1/2	1,236.01	1/2	847.88	1/2	460.48	1/2	72.65	1/2	1/2	1/2		1/2	
3/4	2,392.67	3/4	2,004.42	3/4	1,616.17	3/4	1,227.92	3/4	839.82	3/4	452.40	3/4	64.57	3/4	3/4	3/4		3/4	
3	2,384.58	3	1,996.33	3	1,608.08	3	1,219.83	3	831.76	3	444.32	3	57.50	3	3	3		3	
1/4	2,376.49	1/4	1,988.24	1/4	1,599.99	1/4	1,211.74	1/4	823.69	1/4	436.24	1/4	50.43	1/4	1/4	1/4		1/4	
1/2	2,368.40	1/2	1,980.15	1/2	1,591.90	1/2	1,203.66	1/2	815.63	1/2	428.16	1/2	43.36	1/2	1/2	1/2		1/2	
3/4	2,360.31	3/4	1,972.06	3/4	1,583.82	3/4	1,195.57	3/4	807.56	3/4	420.08	3/4	36.29	3/4	3/4	3/4		3/4	
4	2,352.22	4	1,963.98	4	1,575.73	4	1,187.48	4	799.50	4	412.00	4	31.25	4	4	4		4	
1/4	2,344.13	1/4	1,955.89	1/4	1,567.64	1/4	1,179.39	1/4	791.44	1/4	403.92	1/4	26.20	1/4	1/4	1/4		1/4	
1/2	2,336.05	1/2	1,947.80	1/2	1,559.55	1/2	1,171.30	1/2	783.37	1/2	395.84	1/2	21.15	1/2	1/2	1/2		1/2	
3/4	2,327.96	3/4	1,939.71	3/4	1,551.46	3/4	1,163.21	3/4	775.31	3/4	387.76	3/4	16.11	3/4	3/4	3/4		3/4	
5	2,319.87	5	1,931.62	5	1,543.37	5	1,155.13	5	767.24	5	379.68	5		5	5	5		5	
1/4	2,311.78	1/4	1,923.53	1/4	1,535.28	1/4	1,147.04	1/4	759.18	1/4	371.60	1/4		1/4	1/4	1/4		1/4	
1/2	2,303.69	1/2	1,915.44	1/2	1,527.20	1/2	1,138.95	1/2	751.12	1/2	363.52	1/2		1/2	1/2	1/2		1/2	
3/4	2,295.60	3/4	1,907.36	3/4	1,519.11	3/4	1,130.86	3/4	743.05	3/4	355.44	3/4		3/4	3/4	3/4		3/4	
6	2,287.52	6	1,899.27	6	1,511.02	6	1,122.77	6	734.99	6	347.36	6		6	6	6		6	
1/4	2,279.43	1/4	1,891.18	1/4	1,502.93	1/4	1,114.68	1/4	726.92	1/4	339.29	1/4		1/4	1/4	1/4		1/4	
1/2	2,271.34	1/2	1,883.09	1/2	1,494.84	1/2	1,106.59	1/2	718.86	1/2	331.21	1/2		1/2	1/2	1/2		1/2	
3/4	2,263.25	3/4	1,875.00	3/4	1,486.75	3/4	1,098.51	3/4	710.80	3/4	323.13	3/4		3/4	3/4	3/4		3/4	
7	2,255.16	7	1,866.91	7	1,478.67	7	1,090.42	7	702.73	7	315.05	7		7	7	7		7	
1/4	2,247.07	1/4	1,858.82	1/4	1,470.58	1/4	1,082.33	1/4	694.67	1/4	306.97	1/4		1/4	1/4	1/4		1/4	
1/2	2,238.98	1/2	1,850.74	1/2	1,462.49	1/2	1,074.24	1/2	686.60	1/2	298.89	1/2		1/2	1/2	1/2		1/2	
3/4	2,230.90	3/4	1,842.65	3/4	1,454.40	3/4	1,066.15	3/4	678.54	3/4	290.81	3/4		3/4	3/4	3/4		3/4	
8	2,222.81	8	1,834.56	8	1,446.31	8	1,058.06	8	670.48	8	282.73	8		8	8	8		8	
1/4	2,214.72	1/4	1,826.47	1/4	1,438.22	1/4	1,049.97	1/4	662.41	1/4	274.65	1/4		1/4	1/4	1/4		1/4	
1/2	2,206.63	1/2	1,818.38	1/2	1,430.13	1/2	1,041.89	1/2	654.35	1/2	266.57	1/2		1/2	1/2	1/2		1/2	
3/4	2,198.54	3/4	1,810.29	3/4	1,422.05	3/4	1,033.80	3/4	646.28	3/4	258.49	3/4		3/4	3/4	3/4		3/4	
9	2,190.45	9	1,802.21	9	1,413.96	9	1,025.71	9	638.21	9	250.41	9		9	9	9		9	
1/4	2,182.36	1/4	1,794.12	1/4	1,405.87	1/4	1,017.62	1/4	630.14	1/4	242.33	1/4		1/4	1/4	1/4		1/4	
1/2	2,174.28	1/2	1,786.03	1/2	1,397.78	1/2	1,009.53	1/2	622.07	1/2	234.25	1/2		1/2	1/2	1/2		1/2	
3/4	2,166.19	3/4	1,777.94	3/4	1,389.69	3/4	1,001.44	3/4	614.00	3/4	226.17	3/4		3/4	3/4	3/4		3/4	
10	2,158.10	10	1,769.85	10	1,381.60	10	993.36	10	605.92	10	218.09	10		10	10	10		10	
1/4	2,150.01	1/4	1,761.76	1/4	1,373.51	1/4	985.27	1/4	597.84	1/4	210.01	1/4		1/4	1/4	1/4		1/4	
1/2	2,141.92	1/2	1,753.67	1/2	1,365.43	1/2	977.18	1/2	589.76	1/2	201.93	1/2		1/2	1/2	1/2		1/2	
3/4	2,133.83	3/4	1,745.59	3/4	1,357.34	3/4	969.09	3/4	581.68	3/4	193.85	3/4		3/4	3/4	3/4		3/4	
11	2,125.75	11	1,737.50	11	1,349.25	11	961.00	11	573.60	11	185.77	11		11	11	11		11	
1/4	2,117.66	1/4	1,729.41	1/4	1,341.16	1/4	952.91	1/4	565.52	1/4	177.69	1/4		1/4	1/4	1/4		1/4	
1/2	2,109.57	1/2	1,721.32	1/2	1,333.07	1/2	944.82	1/2	557.44	1/2	169.61	1/2		1/2	1/2	1/2		1/2	
3/4	2,101.48	3/4	1,713.23	3/4	1,324.98	3/4	936.74	3/4	549.36	3/4	161.53	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/10/2013 CL - SW  
CALCULATED: 04/10/2013 CL  
VERIFIED: 05/11/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



# BARGE "KIRBY 29055"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							5,083.73		4,746.32		4,391.31		4,019.68		3,633.79		3,245.50		2,857.15		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,076.80	1/4	4,739.14	1/4	4,383.72	1/4	4,011.77	1/4	3,625.70	1/4	3,237.41	1/4	2,849.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,069.88	1/2	4,731.96	1/2	4,376.14	1/2	4,003.85	1/2	3,617.61	1/2	3,229.32	1/2	2,840.97		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,062.95	3/4	4,724.78	3/4	4,368.55	3/4	3,995.94	3/4	3,609.52	3/4	3,221.23	3/4	2,832.88		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>5,056.00</b>	<b>1</b>	<b>4,717.57</b>	<b>1</b>	<b>4,360.94</b>	<b>1</b>	<b>3,987.99</b>	<b>1</b>	<b>3,601.43</b>	<b>1</b>	<b>3,213.14</b>	<b>1</b>	<b>2,824.79</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,049.05	1/4	4,710.35	1/4	4,353.33	1/4	3,980.04	1/4	3,593.34	1/4	3,205.05	1/4	2,816.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,042.09	1/2	4,703.14	1/2	4,345.72	1/2	3,972.10	1/2	3,585.25	1/2	3,196.96	1/2	2,808.60		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,035.14	3/4	4,695.93	3/4	4,338.11	3/4	3,964.15	3/4	3,577.16	3/4	3,188.87	3/4	2,800.51		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>5,028.16</b>	<b>2</b>	<b>4,688.69</b>	<b>2</b>	<b>4,330.47</b>	<b>2</b>	<b>3,956.18</b>	<b>2</b>	<b>3,569.07</b>	<b>2</b>	<b>3,180.78</b>	<b>2</b>	<b>2,792.42</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,021.17	1/4	4,681.45	1/4	4,322.83	1/4	3,948.21	1/4	3,560.98	1/4	3,172.69	1/4	2,784.33		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,014.19	1/2	4,674.22	1/2	4,315.20	1/2	3,940.24	1/2	3,552.89	1/2	3,164.60	1/2	2,776.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,007.21	3/4	4,666.98	3/4	4,307.56	3/4	3,932.27	3/4	3,544.80	3/4	3,156.51	3/4	2,768.14		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5,000.27</b>	<b>3</b>	<b>4,659.64</b>	<b>3</b>	<b>4,299.90</b>	<b>3</b>	<b>3,924.28</b>	<b>3</b>	<b>3,536.71</b>	<b>3</b>	<b>3,148.42</b>	<b>3</b>	<b>2,760.05</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,993.33	1/4	4,652.31	1/4	4,292.23	1/4	3,916.28	1/4	3,528.62	1/4	3,140.33	1/4	2,751.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,986.39	1/2	4,644.98	1/2	4,284.56	1/2	3,908.29	1/2	3,520.54	1/2	3,132.24	1/2	2,743.87		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,979.45	3/4	4,637.64	3/4	4,276.89	3/4	3,900.29	3/4	3,512.45	3/4	3,124.15	3/4	2,735.78		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,972.49</b>	<b>4</b>	<b>4,630.28</b>	<b>4</b>	<b>4,269.20</b>	<b>4</b>	<b>3,892.26</b>	<b>4</b>	<b>3,504.36</b>	<b>4</b>	<b>3,116.07</b>	<b>4</b>	<b>2,727.69</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,965.53	1/4	4,622.91	1/4	4,261.51	1/4	3,884.23	1/4	3,496.27	1/4	3,107.98	1/4	2,719.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,958.56	1/2	4,615.55	1/2	4,253.82	1/2	3,876.20	1/2	3,488.18	1/2	3,099.89	1/2	2,711.50		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,951.60	3/4	4,608.18	3/4	4,246.12	3/4	3,868.18	3/4	3,480.09	3/4	3,091.80	3/4	2,703.41		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,944.61</b>	<b>5</b>	<b>4,600.79</b>	<b>5</b>	<b>4,238.40</b>	<b>5</b>	<b>3,860.12</b>	<b>5</b>	<b>3,472.00</b>	<b>5</b>	<b>3,083.71</b>	<b>5</b>	<b>2,695.32</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,937.61	1/4	4,593.40	1/4	4,230.67	1/4	3,852.07	1/4	3,463.91	1/4	3,075.62	1/4	2,687.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,930.62	1/2	4,586.01	1/2	4,222.94	1/2	3,844.02	1/2	3,455.82	1/2	3,067.53	1/2	2,679.13		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,923.63	3/4	4,578.62	3/4	4,215.22	3/4	3,835.97	3/4	3,447.73	3/4	3,059.44	3/4	2,671.04		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,916.61</b>	<b>6</b>	<b>4,571.20</b>	<b>6</b>	<b>4,207.47</b>	<b>6</b>	<b>3,827.89</b>	<b>6</b>	<b>3,439.64</b>	<b>6</b>	<b>3,051.35</b>	<b>6</b>	<b>2,662.95</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,259.88	1/4	4,909.59	1/4	4,563.77	1/4	4,199.72	1/4	3,819.82	1/4	3,431.55	1/4	3,043.26	1/4	2,654.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,253.81	1/2	4,902.57	1/2	4,556.35	1/2	4,191.97	1/2	3,811.74	1/2	3,423.46	1/2	3,035.17	1/2	2,646.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,247.74	3/4	4,895.55	3/4	4,548.92	3/4	4,184.22	3/4	3,803.66	3/4	3,415.37	3/4	3,027.08	3/4	2,638.68
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>5,239.65</b>	<b>7</b>	<b>4,888.50</b>	<b>7</b>	<b>4,541.48</b>	<b>7</b>	<b>4,176.45</b>	<b>7</b>	<b>3,795.57</b>	<b>7</b>	<b>3,407.28</b>	<b>7</b>	<b>3,018.99</b>	<b>7</b>	<b>2,630.58</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,231.56	1/4	4,881.44	1/4	4,534.03	1/4	4,168.67	1/4	3,787.49	1/4	3,399.19	1/4	3,010.90	1/4	2,622.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,223.46	1/2	4,874.39	1/2	4,526.58	1/2	4,160.90	1/2	3,779.40	1/2	3,391.10	1/2	3,002.81	1/2	2,614.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,215.37	3/4	4,867.34	3/4	4,519.14	3/4	4,153.12	3/4	3,771.31	3/4	3,383.02	3/4	2,994.71	3/4	2,606.31
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>5,207.28</b>	<b>8</b>	<b>4,860.27</b>	<b>8</b>	<b>4,511.66</b>	<b>8</b>	<b>4,145.32</b>	<b>8</b>	<b>3,763.22</b>	<b>8</b>	<b>3,374.93</b>	<b>8</b>	<b>2,986.62</b>	<b>8</b>	<b>2,598.22</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,199.19	1/4	4,853.19	1/4	4,504.19	1/4	4,137.51	1/4	3,755.13	1/4	3,366.84	1/4	2,978.53	1/4	2,590.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,191.10	1/2	4,846.12	1/2	4,496.72	1/2	4,129.70	1/2	3,747.04	1/2	3,358.75	1/2	2,970.44	1/2	2,582.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,183.01	3/4	4,839.05	3/4	4,489.25	3/4	4,121.89	3/4	3,738.95	3/4	3,350.66	3/4	2,962.35	3/4	2,573.94
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>5,174.91</b>	<b>9</b>	<b>4,831.95</b>	<b>9</b>	<b>4,481.74</b>	<b>9</b>	<b>4,114.06</b>	<b>9</b>	<b>3,730.86</b>	<b>9</b>	<b>3,342.57</b>	<b>9</b>	<b>2,954.26</b>	<b>9</b>	<b>2,565.85</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,166.82	1/4	4,824.85	1/4	4,474.24	1/4	4,106.23	1/4	3,722.77	1/4	3,334.48	1/4	2,946.16	1/4	2,557.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,158.73	1/2	4,817.75	1/2	4,466.73	1/2	4,098.40	1/2	3,714.68	1/2	3,326.39	1/2	2,938.07	1/2	2,549.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,150.64	3/4	4,810.65	3/4	4,459.22	3/4	4,090.57	3/4	3,706.59	3/4	3,318.30	3/4	2,929.98	3/4	2,541.57
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>5,142.55</b>	<b>10</b>	<b>4,803.52</b>	<b>10</b>	<b>4,451.70</b>	<b>10</b>	<b>4,082.71</b>	<b>10</b>	<b>3,698.50</b>	<b>10</b>	<b>3,310.21</b>	<b>10</b>	<b>2,921.89</b>	<b>10</b>	<b>2,533.48</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,134.45	1/4	4,796.39	1/4	4,444.17	1/4	4,074.86	1/4	3,690.41	1/4	3,302.12	1/4	2,913.80	1/4	2,525.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,126.36	1/2	4,789.26	1/2	4,436.64	1/2	4,067.00	1/2	3,682.32	1/2	3,294.03	1/2	2,905.70	1/2	2,517.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,118.27	3/4	4,782.12	3/4	4,429.11	3/4	4,059.14	3/4	3,674.23	3/4	3,285.94	3/4	2,897.61	3/4	2,509.21
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>5,111.37</b>	<b>11</b>	<b>4,774.97</b>	<b>11</b>	<b>4,421.56</b>	<b>11</b>	<b>4,051.26</b>	<b>11</b>	<b>3,666.14</b>	<b>11</b>	<b>3,277.85</b>	<b>11</b>	<b>2,889.52</b>	<b>11</b>	<b>2,501.11</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,104.46	1/4	4,767.81	1/4	4,414.00	1/4	4,043.37	1/4	3,658.06	1/4	3,269.76	1/4	2,881.43	1/4	2,493.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,097.56	1/2	4,760.66	1/2	4,406.45	1/2	4,035.48	1/2	3,649.97	1/2	3,261.67	1/2	2,873.34	1/2	2,484.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,090.66	3/4	4,753.50	3/4	4,398.89	3/4	4,027.59	3/4	3,641.88	3/4	3,253.59	3/4	2,865.25	3/4	2,476.84

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 44'-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 29055"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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	
0	2,468.75	0	2,080.34	0	1,691.93	0	1,303.53	0	916.04	0	542.41	0	154.04	0		0		0	
1/4	2,460.66	1/4	2,072.25	1/4	1,683.84	1/4	1,295.44	1/4	908.26	1/4	534.32	1/4	145.95	1/4		1/4		1/4	
1/2	2,452.56	1/2	2,064.16	1/2	1,675.75	1/2	1,287.34	1/2	900.48	1/2	526.23	1/2	137.86	1/2		1/2		1/2	
3/4	2,444.47	3/4	2,056.07	3/4	1,667.66	3/4	1,279.25	3/4	892.70	3/4	518.14	3/4	129.77	3/4		3/4		3/4	
1	2,436.38	1	2,047.97	1	1,659.57	1	1,271.16	1	884.93	1	510.04	1	121.68	1		1		1	
1/4	2,428.29	1/4	2,039.88	1/4	1,651.48	1/4	1,263.07	1/4	877.16	1/4	501.95	1/4	113.59	1/4		1/4		1/4	
1/2	2,420.20	1/2	2,031.79	1/2	1,643.38	1/2	1,254.98	1/2	869.39	1/2	493.86	1/2	105.50	1/2		1/2		1/2	
3/4	2,412.11	3/4	2,023.70	3/4	1,635.29	3/4	1,246.89	3/4	861.62	3/4	485.77	3/4	97.41	3/4		3/4		3/4	
2	2,404.01	2	2,015.61	2	1,627.20	2	1,238.79	2	853.86	2	477.68	2	89.32	2		2		2	
1/4	2,395.92	1/4	2,007.52	1/4	1,619.11	1/4	1,230.70	1/4	846.11	1/4	469.59	1/4	81.23	1/4		1/4		1/4	
1/2	2,387.83	1/2	1,999.42	1/2	1,611.02	1/2	1,222.61	1/2	838.35	1/2	461.50	1/2	73.14	1/2		1/2		1/2	
3/4	2,379.74	3/4	1,991.33	3/4	1,602.93	3/4	1,214.52	3/4	830.59	3/4	453.41	3/4	65.05	3/4		3/4		3/4	
3	2,371.65	3	1,983.24	3	1,594.83	3	1,206.43	3	822.83	3	445.32	3	57.96	3		3		3	
1/4	2,363.55	1/4	1,975.15	1/4	1,586.74	1/4	1,198.34	1/4	815.08	1/4	437.23	1/4	50.88	1/4		1/4		1/4	
1/2	2,355.46	1/2	1,967.06	1/2	1,578.65	1/2	1,190.24	1/2	807.32	1/2	429.14	1/2	43.80	1/2		1/2		1/2	
3/4	2,347.37	3/4	1,958.96	3/4	1,570.56	3/4	1,182.15	3/4	799.56	3/4	421.04	3/4	36.72	3/4		3/4		3/4	
4	2,339.28	4	1,950.87	4	1,562.47	4	1,174.06	4	791.80	4	412.95	4	31.66	4		4		4	
1/4	2,331.19	1/4	1,942.78	1/4	1,554.37	1/4	1,165.97	1/4	784.05	1/4	404.86	1/4	26.61	1/4		1/4		1/4	
1/2	2,323.10	1/2	1,934.69	1/2	1,546.28	1/2	1,157.88	1/2	776.29	1/2	396.77	1/2	21.55	1/2		1/2		1/2	
3/4	2,315.00	3/4	1,926.60	3/4	1,538.19	3/4	1,149.78	3/4	768.53	3/4	388.68	3/4	16.49	3/4		3/4		3/4	
5	2,306.91	5	1,918.51	5	1,530.10	5	1,141.69	5	760.77	5	380.59	5		5		5		5	
1/4	2,298.82	1/4	1,910.41	1/4	1,522.01	1/4	1,133.60	1/4	753.02	1/4	372.50	1/4		1/4		1/4		1/4	
1/2	2,290.73	1/2	1,902.32	1/2	1,513.92	1/2	1,125.51	1/2	745.26	1/2	364.41	1/2		1/2		1/2		1/2	
3/4	2,282.64	3/4	1,894.23	3/4	1,505.82	3/4	1,117.42	3/4	737.50	3/4	356.32	3/4		3/4		3/4		3/4	
6	2,274.54	6	1,886.14	6	1,497.73	6	1,109.33	6	729.74	6	348.23	6		6		6		6	
1/4	2,266.45	1/4	1,878.05	1/4	1,489.64	1/4	1,101.23	1/4	721.99	1/4	340.14	1/4		1/4		1/4		1/4	
1/2	2,258.36	1/2	1,869.95	1/2	1,481.55	1/2	1,093.14	1/2	714.23	1/2	332.04	1/2		1/2		1/2		1/2	
3/4	2,250.27	3/4	1,861.86	3/4	1,473.46	3/4	1,085.05	3/4	706.47	3/4	323.95	3/4		3/4		3/4		3/4	
7	2,242.18	7	1,853.77	7	1,465.36	7	1,076.96	7	698.72	7	315.86	7		7		7		7	
1/4	2,234.09	1/4	1,845.68	1/4	1,457.27	1/4	1,068.87	1/4	690.96	1/4	307.77	1/4		1/4		1/4		1/4	
1/2	2,225.99	1/2	1,837.59	1/2	1,449.18	1/2	1,060.77	1/2	683.21	1/2	299.68	1/2		1/2		1/2		1/2	
3/4	2,217.90	3/4	1,829.50	3/4	1,441.09	3/4	1,052.68	3/4	675.45	3/4	291.59	3/4		3/4		3/4		3/4	
8	2,209.81	8	1,821.40	8	1,433.00	8	1,044.59	8	667.69	8	283.50	8		8		8		8	
1/4	2,201.72	1/4	1,813.31	1/4	1,424.91	1/4	1,036.50	1/4	659.94	1/4	275.41	1/4		1/4		1/4		1/4	
1/2	2,193.63	1/2	1,805.22	1/2	1,416.81	1/2	1,028.41	1/2	652.18	1/2	267.32	1/2		1/2		1/2		1/2	
3/4	2,185.53	3/4	1,797.13	3/4	1,408.72	3/4	1,020.32	3/4	644.43	3/4	259.23	3/4		3/4		3/4		3/4	
9	2,177.44	9	1,789.04	9	1,400.63	9	1,012.22	9	636.66	9	251.14	9		9		9		9	
1/4	2,169.35	1/4	1,780.94	1/4	1,392.54	1/4	1,004.13	1/4	628.90	1/4	243.04	1/4		1/4		1/4		1/4	
1/2	2,161.26	1/2	1,772.85	1/2	1,384.45	1/2	996.04	1/2	621.13	1/2	234.95	1/2		1/2		1/2		1/2	
3/4	2,153.17	3/4	1,764.76	3/4	1,376.35	3/4	987.95	3/4	613.37	3/4	226.86	3/4		3/4		3/4		3/4	
10	2,145.08	10	1,756.67	10	1,368.26	10	979.86	10	605.59	10	218.77	10		10		10		10	
1/4	2,136.98	1/4	1,748.58	1/4	1,360.17	1/4	971.76	1/4	597.81	1/4	210.68	1/4		1/4		1/4		1/4	
1/2	2,128.89	1/2	1,740.49	1/2	1,352.08	1/2	963.67	1/2	590.03	1/2	202.59	1/2		1/2		1/2		1/2	
3/4	2,120.80	3/4	1,732.39	3/4	1,343.99	3/4	955.58	3/4	582.25	3/4	194.50	3/4		3/4		3/4		3/4	
11	2,112.71	11	1,724.30	11	1,335.90	11	947.64	11	574.31	11	186.41	11		11		11		11	
1/4	2,104.62	1/4	1,716.21	1/4	1,327.80	1/4	939.70	1/4	566.37	1/4	178.32	1/4		1/4		1/4		1/4	
1/2	2,096.52	1/2	1,708.12	1/2	1,319.71	1/2	931.76	1/2	558.44	1/2	170.23	1/2		1/2		1/2		1/2	
3/4	2,088.43	3/4	1,700.03	3/4	1,311.62	3/4	923.82	3/4	550.50	3/4	162.14	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/10/2013 CL - SW  
CALCULATED: 04/10/2013 CL  
VERIFIED: 05/11/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



# BARGE "KIRBY 29055"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							4,490.77		4,234.46		3,965.22		3,683.58		3,388.20		3,031.47		2,670.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,485.52	1/4	4,229.00	1/4	3,959.48	1/4	3,677.58	1/4	3,381.38	1/4	3,023.94	1/4	2,662.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,480.27	1/2	4,223.54	1/2	3,953.73	1/2	3,671.59	1/2	3,374.55	1/2	3,016.42	1/2	2,655.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,475.02	3/4	4,218.08	3/4	3,947.98	3/4	3,665.59	3/4	3,367.72	3/4	3,008.90	3/4	2,647.82
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,469.75</b>	<b>1</b>	<b>4,212.60</b>	<b>1</b>	<b>3,942.21</b>	<b>1</b>	<b>3,659.57</b>	<b>1</b>	<b>3,360.62</b>	<b>1</b>	<b>3,001.38</b>	<b>1</b>	<b>2,640.29</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,464.48	1/4	4,207.12	1/4	3,936.44	1/4	3,653.54	1/4	3,353.51	1/4	2,993.86	1/4	2,632.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,459.21	1/2	4,201.63	1/2	3,930.67	1/2	3,647.52	1/2	3,346.41	1/2	2,986.34	1/2	2,625.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,453.95	3/4	4,196.15	3/4	3,924.91	3/4	3,641.49	3/4	3,339.30	3/4	2,978.81	3/4	2,617.72
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,448.65</b>	<b>2</b>	<b>4,190.65</b>	<b>2</b>	<b>3,919.12</b>	<b>2</b>	<b>3,635.46</b>	<b>2</b>	<b>3,331.92</b>	<b>2</b>	<b>2,971.29</b>	<b>2</b>	<b>2,610.20</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,443.36	1/4	4,185.15	1/4	3,913.33	1/4	3,629.42	1/4	3,324.54	1/4	2,963.77	1/4	2,602.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,438.07	1/2	4,179.64	1/2	3,907.54	1/2	3,623.38	1/2	3,317.16	1/2	2,956.25	1/2	2,595.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,432.78	3/4	4,174.14	3/4	3,901.76	3/4	3,617.34	3/4	3,309.78	3/4	2,948.73	3/4	2,587.63
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4,427.50</b>	<b>3</b>	<b>4,168.58</b>	<b>3</b>	<b>3,895.95</b>	<b>3</b>	<b>3,611.28</b>	<b>3</b>	<b>3,302.26</b>	<b>3</b>	<b>2,941.20</b>	<b>3</b>	<b>2,580.11</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,422.23	1/4	4,163.03	1/4	3,890.14	1/4	3,605.22	1/4	3,294.73	1/4	2,933.68	1/4	2,572.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,416.96	1/2	4,157.47	1/2	3,884.33	1/2	3,599.16	1/2	3,287.21	1/2	2,926.16	1/2	2,565.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,411.68	3/4	4,151.91	3/4	3,878.52	3/4	3,593.10	3/4	3,279.69	3/4	2,918.64	3/4	2,557.54
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,406.39</b>	<b>4</b>	<b>4,146.33</b>	<b>4</b>	<b>3,872.69</b>	<b>4</b>	<b>3,587.02</b>	<b>4</b>	<b>3,272.17</b>	<b>4</b>	<b>2,911.12</b>	<b>4</b>	<b>2,550.01</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,401.10	1/4	4,140.75	1/4	3,866.86	1/4	3,580.93	1/4	3,264.65	1/4	2,903.59	1/4	2,542.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,395.80	1/2	4,135.17	1/2	3,861.03	1/2	3,574.85	1/2	3,257.12	1/2	2,896.07	1/2	2,534.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,390.51	3/4	4,129.58	3/4	3,855.20	3/4	3,568.76	3/4	3,249.60	3/4	2,888.55	3/4	2,527.44
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,385.19</b>	<b>5</b>	<b>4,123.98</b>	<b>5</b>	<b>3,849.34</b>	<b>5</b>	<b>3,562.66</b>	<b>5</b>	<b>3,242.08</b>	<b>5</b>	<b>2,881.03</b>	<b>5</b>	<b>2,519.92</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,379.88	1/4	4,118.38	1/4	3,843.48	1/4	3,556.56	1/4	3,234.56	1/4	2,873.51	1/4	2,512.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,374.56	1/2	4,112.78	1/2	3,837.63	1/2	3,550.46	1/2	3,227.04	1/2	2,865.98	1/2	2,504.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,369.24	3/4	4,107.18	3/4	3,831.77	3/4	3,544.35	3/4	3,219.51	3/4	2,858.46	3/4	2,497.35
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,363.91</b>	<b>6</b>	<b>4,101.55</b>	<b>6</b>	<b>3,825.90</b>	<b>6</b>	<b>3,538.23</b>	<b>6</b>	<b>3,211.99</b>	<b>6</b>	<b>2,850.94</b>	<b>6</b>	<b>2,489.83</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,358.57	1/4	4,095.93	1/4	3,820.03	1/4	3,532.11	1/4	3,204.47	1/4	2,843.42	1/4	2,482.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,353.24	1/2	4,090.30	1/2	3,814.15	1/2	3,525.99	1/2	3,196.95	1/2	2,835.90	1/2	2,474.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,347.90	3/4	4,084.67	3/4	3,808.28	3/4	3,519.87	3/4	3,189.43	3/4	2,828.38	3/4	2,467.26
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>4,342.54</b>	<b>7</b>	<b>4,079.03</b>	<b>7</b>	<b>3,802.39</b>	<b>7</b>	<b>3,513.74</b>	<b>7</b>	<b>3,181.90</b>	<b>7</b>	<b>2,820.85</b>	<b>7</b>	<b>2,459.73</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,337.18	1/4	4,073.39	1/4	3,796.50	1/4	3,507.61	1/4	3,174.38	1/4	2,813.33	1/4	2,452.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,331.82	1/2	4,067.74	1/2	3,790.61	1/2	3,501.48	1/2	3,166.86	1/2	2,805.81	1/2	2,444.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,326.46	3/4	4,062.10	3/4	3,784.71	3/4	3,495.35	3/4	3,159.34	3/4	2,798.28	3/4	2,437.16
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>4,321.08</b>	<b>8</b>	<b>4,056.44</b>	<b>8</b>	<b>3,778.80</b>	<b>8</b>	<b>3,489.22</b>	<b>8</b>	<b>3,151.82</b>	<b>8</b>	<b>2,790.76</b>	<b>8</b>	<b>2,429.64</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,315.70	1/4	4,050.77	1/4	3,772.88	1/4	3,483.09	1/4	3,144.30	1/4	2,783.24	1/4	2,422.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,310.33	1/2	4,045.11	1/2	3,766.96	1/2	3,476.95	1/2	3,136.77	1/2	2,775.71	1/2	2,414.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,304.95	3/4	4,039.45	3/4	3,761.05	3/4	3,470.82	3/4	3,129.25	3/4	2,768.19	3/4	2,407.07
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>4,299.55</b>	<b>9</b>	<b>4,033.76</b>	<b>9</b>	<b>3,755.11</b>	<b>9</b>	<b>3,464.69</b>	<b>9</b>	<b>3,121.73</b>	<b>9</b>	<b>2,760.67</b>	<b>9</b>	<b>2,399.55</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,294.15	1/4	4,028.07	1/4	3,749.18	1/4	3,458.56	1/4	3,114.21	1/4	2,753.14	1/4	2,392.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,288.76	1/2	4,022.38	1/2	3,743.24	1/2	3,452.43	1/2	3,106.69	1/2	2,745.62	1/2	2,384.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,283.36	3/4	4,016.70	3/4	3,737.31	3/4	3,446.30	3/4	3,099.16	3/4	2,738.10	3/4	2,376.98
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>4,277.94</b>	<b>10</b>	<b>4,010.99</b>	<b>10</b>	<b>3,731.35</b>	<b>10</b>	<b>3,440.03</b>	<b>10</b>	<b>3,091.64</b>	<b>10</b>	<b>2,730.57</b>	<b>10</b>	<b>2,369.45</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,272.52	1/4	4,005.28	1/4	3,725.40	1/4	3,433.76	1/4	3,084.12	1/4	2,723.05	1/4	2,361.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,267.10	1/2	3,999.58	1/2	3,719.44	1/2	3,427.49	1/2	3,076.60	1/2	2,715.53	1/2	2,354.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,261.67	3/4	3,993.87	3/4	3,713.49	3/4	3,421.22	3/4	3,069.08	3/4	2,708.00	3/4	2,346.88
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>4,256.23</b>	<b>11</b>	<b>3,988.15</b>	<b>11</b>	<b>3,707.51</b>	<b>11</b>	<b>3,414.67</b>	<b>11</b>	<b>3,061.55</b>	<b>11</b>	<b>2,700.48</b>	<b>11</b>	<b>2,339.36</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,250.80	1/4	3,982.42	1/4	3,701.53	1/4	3,408.12	1/4	3,054.03	1/4	2,692.96	1/4	2,331.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,245.36	1/2	3,976.70	1/2	3,695.56	1/2	3,401.58	1/2	3,046.51	1/2	2,685.43	1/2	2,324.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,239.92	3/4	3,970.97	3/4	3,689.58	3/4	3,395.03	3/4	3,038.99	3/4	2,677.91	3/4	2,316.79

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 41'-06" 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 29055"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,309.27	0	1,948.15	0	1,587.03	0	1,225.91	0	865.59	0	504.49	0	143.38	0		0		0	
1/4	2,301.74	1/4	1,940.63	1/4	1,579.51	1/4	1,218.39	1/4	858.07	1/4	496.96	1/4	135.86	1/4		1/4		1/4	
1/2	2,294.22	1/2	1,933.10	1/2	1,571.98	1/2	1,210.87	1/2	850.55	1/2	489.44	1/2	128.34	1/2		1/2		1/2	
3/4	2,286.70	3/4	1,925.58	3/4	1,564.46	3/4	1,203.34	3/4	843.02	3/4	481.92	3/4	120.81	3/4		3/4		3/4	
1	2,279.17	1	1,918.06	1	1,556.94	1	1,195.82	1	835.50	1	474.40	1	113.29	1		1		1	
1/4	2,271.65	1/4	1,910.53	1/4	1,549.41	1/4	1,188.30	1/4	827.98	1/4	466.87	1/4	105.77	1/4		1/4		1/4	
1/2	2,264.13	1/2	1,903.01	1/2	1,541.89	1/2	1,180.77	1/2	820.45	1/2	459.35	1/2	98.25	1/2		1/2		1/2	
3/4	2,256.60	3/4	1,895.49	3/4	1,534.37	3/4	1,173.25	3/4	812.93	3/4	451.83	3/4	90.72	3/4		3/4		3/4	
2	2,249.08	2	1,887.96	2	1,526.84	2	1,165.73	2	805.41	2	444.30	2	83.20	2		2		2	
1/4	2,241.56	1/4	1,880.44	1/4	1,519.32	1/4	1,158.20	1/4	797.88	1/4	436.78	1/4	75.68	1/4		1/4		1/4	
1/2	2,234.03	1/2	1,872.92	1/2	1,511.80	1/2	1,150.68	1/2	790.36	1/2	429.26	1/2	68.15	1/2		1/2		1/2	
3/4	2,226.51	3/4	1,865.39	3/4	1,504.27	3/4	1,143.16	3/4	782.84	3/4	421.73	3/4	60.63	3/4		3/4		3/4	
3	2,218.99	3	1,857.87	3	1,496.75	3	1,135.63	3	775.32	3	414.21	3	54.05	3		3		3	
1/4	2,211.46	1/4	1,850.35	1/4	1,489.23	1/4	1,128.11	1/4	767.79	1/4	406.69	1/4	47.46	1/4		1/4		1/4	
1/2	2,203.94	1/2	1,842.82	1/2	1,481.70	1/2	1,120.59	1/2	760.27	1/2	399.17	1/2	40.88	1/2		1/2		1/2	
3/4	2,196.42	3/4	1,835.30	3/4	1,474.18	3/4	1,113.06	3/4	752.75	3/4	391.64	3/4	34.30	3/4		3/4		3/4	
4	2,188.89	4	1,827.78	4	1,466.66	4	1,105.56	4	745.22	4	384.12	4	29.60	4		4		4	
1/4	2,181.37	1/4	1,820.25	1/4	1,459.13	1/4	1,098.07	1/4	737.70	1/4	376.60	1/4	24.89	1/4		1/4		1/4	
1/2	2,173.85	1/2	1,812.73	1/2	1,451.61	1/2	1,090.57	1/2	730.18	1/2	369.07	1/2	20.19	1/2		1/2		1/2	
3/4	2,166.33	3/4	1,805.21	3/4	1,444.09	3/4	1,083.07	3/4	722.65	3/4	361.55	3/4	15.49	3/4		3/4		3/4	
5	2,158.80	5	1,797.68	5	1,436.56	5	1,075.57	5	715.13	5	354.03	5		5		5		5	
1/4	2,151.28	1/4	1,790.16	1/4	1,429.04	1/4	1,068.07	1/4	707.61	1/4	346.50	1/4		1/4		1/4		1/4	
1/2	2,143.76	1/2	1,782.64	1/2	1,421.52	1/2	1,060.57	1/2	700.09	1/2	338.98	1/2		1/2		1/2		1/2	
3/4	2,136.23	3/4	1,775.11	3/4	1,414.00	3/4	1,053.08	3/4	692.56	3/4	331.46	3/4		3/4		3/4		3/4	
6	2,128.71	6	1,767.59	6	1,406.47	6	1,045.58	6	685.04	6	323.94	6		6		6		6	
1/4	2,121.19	1/4	1,760.07	1/4	1,398.95	1/4	1,038.08	1/4	677.52	1/4	316.41	1/4		1/4		1/4		1/4	
1/2	2,113.66	1/2	1,752.54	1/2	1,391.43	1/2	1,030.58	1/2	669.99	1/2	308.89	1/2		1/2		1/2		1/2	
3/4	2,106.14	3/4	1,745.02	3/4	1,383.90	3/4	1,023.08	3/4	662.47	3/4	301.37	3/4		3/4		3/4		3/4	
7	2,098.62	7	1,737.50	7	1,376.38	7	1,015.58	7	654.95	7	293.84	7		7		7		7	
1/4	2,091.09	1/4	1,729.97	1/4	1,368.86	1/4	1,008.09	1/4	647.42	1/4	286.32	1/4		1/4		1/4		1/4	
1/2	2,083.57	1/2	1,722.45	1/2	1,361.33	1/2	1,000.59	1/2	639.90	1/2	278.80	1/2		1/2		1/2		1/2	
3/4	2,076.05	3/4	1,714.93	3/4	1,353.81	3/4	993.09	3/4	632.38	3/4	271.27	3/4		3/4		3/4		3/4	
8	2,068.52	8	1,707.40	8	1,346.29	8	985.59	8	624.86	8	263.75	8		8		8		8	
1/4	2,061.00	1/4	1,699.88	1/4	1,338.76	1/4	978.09	1/4	617.33	1/4	256.23	1/4		1/4		1/4		1/4	
1/2	2,053.48	1/2	1,692.36	1/2	1,331.24	1/2	970.59	1/2	609.81	1/2	248.71	1/2		1/2		1/2		1/2	
3/4	2,045.95	3/4	1,684.83	3/4	1,323.72	3/4	963.10	3/4	602.29	3/4	241.18	3/4		3/4		3/4		3/4	
9	2,038.43	9	1,677.31	9	1,316.19	9	955.60	9	594.76	9	233.66	9		9		9		9	
1/4	2,030.91	1/4	1,669.79	1/4	1,308.67	1/4	948.10	1/4	587.24	1/4	226.14	1/4		1/4		1/4		1/4	
1/2	2,023.38	1/2	1,662.26	1/2	1,301.15	1/2	940.60	1/2	579.72	1/2	218.61	1/2		1/2		1/2		1/2	
3/4	2,015.86	3/4	1,654.74	3/4	1,293.62	3/4	933.10	3/4	572.19	3/4	211.09	3/4		3/4		3/4		3/4	
10	2,008.34	10	1,647.22	10	1,286.10	10	925.60	10	564.67	10	203.57	10		10		10		10	
1/4	2,000.81	1/4	1,639.69	1/4	1,278.58	1/4	918.10	1/4	557.15	1/4	196.04	1/4		1/4		1/4		1/4	
1/2	1,993.29	1/2	1,632.17	1/2	1,271.05	1/2	910.61	1/2	549.63	1/2	188.52	1/2		1/2		1/2		1/2	
3/4	1,985.77	3/4	1,624.65	3/4	1,263.53	3/4	903.11	3/4	542.10	3/4	181.00	3/4		3/4		3/4		3/4	
11	1,978.24	11	1,617.12	11	1,256.01	11	895.61	11	534.58	11	173.48	11		11		11		11	
1/4	1,970.72	1/4	1,609.60	1/4	1,248.48	1/4	888.11	1/4	527.06	1/4	165.95	1/4		1/4		1/4		1/4	
1/2	1,963.20	1/2	1,602.08	1/2	1,240.96	1/2	880.61	1/2	519.53	1/2	158.43	1/2		1/2		1/2		1/2	
3/4	1,955.67	3/4	1,594.55	3/4	1,233.44	3/4	873.11	3/4	512.01	3/4	150.91	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/10/2013 CL - SW  
CALCULATED: 04/10/2013 CL  
VERIFIED: 05/11/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

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



# BARGE "KIRBY 29055"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							4,463.52		4,206.96		3,937.40		3,655.46		3,359.21		3,002.26		2,641.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,458.27	1/4	4,201.50	1/4	3,931.65	1/4	3,649.47	1/4	3,352.39	1/4	2,994.76	1/4	2,634.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,453.02	1/2	4,196.04	1/2	3,925.90	1/2	3,643.47	1/2	3,345.56	1/2	2,987.25	1/2	2,626.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,447.75	3/4	4,190.56	3/4	3,920.13	3/4	3,637.44	3/4	3,338.45	3/4	2,979.74	3/4	2,619.28
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,442.48</b>	<b>1</b>	<b>4,185.07</b>	<b>1</b>	<b>3,914.36</b>	<b>1</b>	<b>3,631.42</b>	<b>1</b>	<b>3,331.35</b>	<b>1</b>	<b>2,972.23</b>	<b>1</b>	<b>2,611.76</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,437.21	1/4	4,179.59	1/4	3,908.59	1/4	3,625.39	1/4	3,324.24	1/4	2,964.72	1/4	2,604.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,431.94	1/2	4,174.11	1/2	3,902.82	1/2	3,619.37	1/2	3,317.14	1/2	2,957.21	1/2	2,596.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,426.65	3/4	4,168.60	3/4	3,897.03	3/4	3,613.33	3/4	3,309.75	3/4	2,949.70	3/4	2,589.23
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,421.36</b>	<b>2</b>	<b>4,163.10</b>	<b>2</b>	<b>3,891.25</b>	<b>2</b>	<b>3,607.29</b>	<b>2</b>	<b>3,302.37</b>	<b>2</b>	<b>2,942.19</b>	<b>2</b>	<b>2,581.72</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,416.06	1/4	4,157.60	1/4	3,885.46	1/4	3,601.25	1/4	3,294.99	1/4	2,934.68	1/4	2,574.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,410.77	1/2	4,152.10	1/2	3,879.67	1/2	3,595.21	1/2	3,287.61	1/2	2,927.17	1/2	2,566.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,405.49	3/4	4,146.54	3/4	3,873.86	3/4	3,589.15	3/4	3,280.10	3/4	2,919.67	3/4	2,559.19
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4,400.22</b>	<b>3</b>	<b>4,140.98</b>	<b>3</b>	<b>3,868.05</b>	<b>3</b>	<b>3,583.09</b>	<b>3</b>	<b>3,272.59</b>	<b>3</b>	<b>2,912.16</b>	<b>3</b>	<b>2,551.68</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,394.95	1/4	4,135.42	1/4	3,862.24	1/4	3,577.03	1/4	3,265.08	1/4	2,904.65	1/4	2,544.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,389.67	1/2	4,129.86	1/2	3,856.43	1/2	3,570.97	1/2	3,257.57	1/2	2,897.14	1/2	2,536.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,384.38	3/4	4,124.28	3/4	3,850.59	3/4	3,564.88	3/4	3,250.06	3/4	2,889.63	3/4	2,529.15
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,379.08</b>	<b>4</b>	<b>4,118.70</b>	<b>4</b>	<b>3,844.76</b>	<b>4</b>	<b>3,558.80</b>	<b>4</b>	<b>3,242.55</b>	<b>4</b>	<b>2,882.12</b>	<b>4</b>	<b>2,521.64</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,373.79	1/4	4,113.11	1/4	3,838.93	1/4	3,552.71	1/4	3,235.04	1/4	2,874.61	1/4	2,514.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,368.50	1/2	4,107.53	1/2	3,833.10	1/2	3,546.63	1/2	3,227.53	1/2	2,867.10	1/2	2,506.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,363.18	3/4	4,101.93	3/4	3,827.25	3/4	3,540.52	3/4	3,220.03	3/4	2,859.59	3/4	2,499.11
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,357.86</b>	<b>5</b>	<b>4,096.33</b>	<b>5</b>	<b>3,821.39</b>	<b>5</b>	<b>3,534.42</b>	<b>5</b>	<b>3,212.52</b>	<b>5</b>	<b>2,852.08</b>	<b>5</b>	<b>2,491.60</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,352.54	1/4	4,090.73	1/4	3,815.53	1/4	3,528.32	1/4	3,205.01	1/4	2,844.58	1/4	2,484.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,347.23	1/2	4,085.12	1/2	3,809.68	1/2	3,522.21	1/2	3,197.50	1/2	2,837.07	1/2	2,476.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,341.89	3/4	4,079.50	3/4	3,803.80	3/4	3,516.09	3/4	3,189.99	3/4	2,829.56	3/4	2,469.07
<b>6</b>	<b>6</b>	<b>6</b>	<b>4,602.27</b>	<b>6</b>	<b>4,336.55</b>	<b>6</b>	<b>4,073.87</b>	<b>6</b>	<b>3,797.93</b>	<b>6</b>	<b>3,509.97</b>	<b>6</b>	<b>3,182.48</b>	<b>6</b>	<b>2,822.05</b>	<b>6</b>	<b>2,461.57</b>		
1/4	1/4	1/4	4,597.67	1/4	4,331.22	1/4	4,068.24	1/4	3,792.05	1/4	3,503.85	1/4	3,174.97	1/4	2,814.54	1/4	2,454.06		
1/2	1/2	1/2	4,593.07	1/2	4,325.88	1/2	4,062.61	1/2	3,786.18	1/2	3,497.73	1/2	3,167.46	1/2	2,807.03	1/2	2,446.55		
3/4	3/4	3/4	4,586.94	3/4	4,320.52	3/4	4,056.97	3/4	3,780.29	3/4	3,491.59	3/4	3,159.95	3/4	2,799.52	3/4	2,439.05		
<b>7</b>	<b>7</b>	<b>7</b>	<b>4,580.80</b>	<b>7</b>	<b>4,315.16</b>	<b>7</b>	<b>4,051.33</b>	<b>7</b>	<b>3,774.40</b>	<b>7</b>	<b>3,485.46</b>	<b>7</b>	<b>3,152.44</b>	<b>7</b>	<b>2,792.01</b>	<b>7</b>	<b>2,431.54</b>		
1/4	1/4	1/4	4,574.67	1/4	4,309.80	1/4	4,045.68	1/4	3,768.50	1/4	3,479.33	1/4	3,144.94	1/4	2,784.50	1/4	2,424.03		
1/2	1/2	1/2	4,568.54	1/2	4,304.43	1/2	4,040.04	1/2	3,762.61	1/2	3,473.20	1/2	3,137.43	1/2	2,776.99	1/2	2,416.53		
3/4	3/4	3/4	4,562.40	3/4	4,299.06	3/4	4,034.37	3/4	3,756.69	3/4	3,467.07	3/4	3,129.92	3/4	2,769.48	3/4	2,409.02		
<b>8</b>	<b>8</b>	<b>8</b>	<b>4,556.27</b>	<b>8</b>	<b>4,293.68</b>	<b>8</b>	<b>4,028.71</b>	<b>8</b>	<b>3,750.77</b>	<b>8</b>	<b>3,460.94</b>	<b>8</b>	<b>3,122.41</b>	<b>8</b>	<b>2,761.97</b>	<b>8</b>	<b>2,401.52</b>		
1/4	1/4	1/4	4,550.14	1/4	4,288.30	1/4	4,023.05	1/4	3,744.86	1/4	3,454.81	1/4	3,114.90	1/4	2,754.46	1/4	2,394.01		
1/2	1/2	1/2	4,544.01	1/2	4,282.92	1/2	4,017.38	1/2	3,738.94	1/2	3,448.67	1/2	3,107.39	1/2	2,746.95	1/2	2,386.50		
3/4	3/4	3/4	4,537.87	3/4	4,277.52	3/4	4,011.69	3/4	3,733.00	3/4	3,442.54	3/4	3,099.88	3/4	2,739.44	3/4	2,379.00		
<b>9</b>	<b>9</b>	<b>9</b>	<b>4,531.74</b>	<b>9</b>	<b>4,272.13</b>	<b>9</b>	<b>4,006.00</b>	<b>9</b>	<b>3,727.07</b>	<b>9</b>	<b>3,436.41</b>	<b>9</b>	<b>3,092.37</b>	<b>9</b>	<b>2,731.93</b>	<b>9</b>	<b>2,371.49</b>		
1/4	1/4	1/4	4,525.61	1/4	4,266.73	1/4	4,000.32	1/4	3,721.13	1/4	3,430.28	1/4	3,084.86	1/4	2,724.42	1/4	2,363.98		
1/2	1/2	1/2	4,519.47	1/2	4,261.33	1/2	3,994.63	1/2	3,715.20	1/2	3,424.15	1/2	3,077.35	1/2	2,716.91	1/2	2,356.48		
3/4	3/4	3/4	4,513.34	3/4	4,255.91	3/4	3,988.92	3/4	3,709.24	3/4	3,417.88	3/4	3,069.85	3/4	2,709.40	3/4	2,348.97		
<b>10</b>	<b>10</b>	<b>10</b>	<b>4,507.21</b>	<b>10</b>	<b>4,250.49</b>	<b>10</b>	<b>3,983.21</b>	<b>10</b>	<b>3,703.29</b>	<b>10</b>	<b>3,411.61</b>	<b>10</b>	<b>3,062.34</b>	<b>10</b>	<b>2,701.89</b>	<b>10</b>	<b>2,341.46</b>		
1/4	1/4	1/4	4,501.07	1/4	4,245.06	1/4	3,977.51	1/4	3,697.33	1/4	3,405.33	1/4	3,054.83	1/4	2,694.38	1/4	2,333.96		
1/2	1/2	1/2	4,494.94	1/2	4,239.64	1/2	3,971.80	1/2	3,691.38	1/2	3,399.06	1/2	3,047.32	1/2	2,686.87	1/2	2,326.45		
3/4	3/4	3/4	4,489.71	3/4	4,234.20	3/4	3,966.07	3/4	3,685.40	3/4	3,392.51	3/4	3,039.81	3/4	2,679.36	3/4	2,318.94		
<b>11</b>	<b>11</b>	<b>11</b>	<b>4,484.48</b>	<b>11</b>	<b>4,228.76</b>	<b>11</b>	<b>3,960.35</b>	<b>11</b>	<b>3,679.42</b>	<b>11</b>	<b>3,385.97</b>	<b>11</b>	<b>3,032.30</b>	<b>11</b>	<b>2,671.85</b>	<b>11</b>	<b>2,311.44</b>		
1/4	1/4	1/4	4,479.25	1/4	4,223.32	1/4	3,954.62	1/4	3,673.44	1/4	3,379.42	1/4	3,024.79	1/4	2,664.34	1/4	2,303.93		
1/2	1/2	1/2	4,474.01	1/2	4,217.88	1/2	3,948.90	1/2	3,667.46	1/2	3,372.87	1/2	3,017.28	1/2	2,656.83	1/2	2,296.42		
3/4	3/4	3/4	4,468.77	3/4	4,212.42	3/4	3,943.15	3/4	3,661.46	3/4	3,366.04	3/4	3,009.77	3/4	2,649.32	3/4	2,288.91		

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 41'-06" 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 29055"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	2,273.89	1/4	1,914.87	1/4	1,555.98	1/4	1,195.86	1/4	842.10	1/4	488.99	1/4	128.35	1/4		1/4		1/4			
1/2	2,266.38	1/2	1,907.42	1/2	1,548.47	1/2	1,188.48	1/2	834.73	1/2	481.55	1/2	120.82	1/2		1/2		1/2			
3/4	2,258.87	3/4	1,899.98	3/4	1,540.96	3/4	1,181.11	3/4	827.36	3/4	474.03	3/4	113.30	3/4		3/4		3/4			
1	2,251.36	1	1,892.53	1	1,533.45	1	1,173.74	1	819.98	1	466.52	1	105.78	1		1		1			
1/4	2,243.85	1/4	1,885.09	1/4	1,525.94	1/4	1,166.36	1/4	812.61	1/4	459.01	1/4	98.25	1/4		1/4		1/4			
1/2	2,236.33	1/2	1,877.64	1/2	1,518.43	1/2	1,158.99	1/2	805.24	1/2	451.50	1/2	90.73	1/2		1/2		1/2			
3/4	2,228.82	3/4	1,870.20	3/4	1,510.92	3/4	1,151.61	3/4	797.89	3/4	443.98	3/4	83.20	3/4		3/4		3/4			
2	2,221.31	2	1,862.75	2	1,503.40	2	1,144.24	2	790.53	2	436.47	2	75.68	2		2		2			
1/4	2,213.80	1/4	1,855.31	1/4	1,495.89	1/4	1,136.86	1/4	783.18	1/4	428.96	1/4	68.16	1/4		1/4		1/4			
1/2	2,206.29	1/2	1,847.86	1/2	1,488.38	1/2	1,129.49	1/2	775.82	1/2	421.45	1/2	60.63	1/2		1/2		1/2			
3/4	2,198.78	3/4	1,840.42	3/4	1,480.87	3/4	1,122.11	3/4	768.48	3/4	413.94	3/4	54.05	3/4		3/4		3/4			
3	2,191.27	3	1,832.97	3	1,473.36	3	1,114.74	3	761.14	3	406.42	3	47.47	3		3		3			
1/4	2,183.76	1/4	1,825.53	1/4	1,465.85	1/4	1,107.36	1/4	753.80	1/4	398.91	1/4	40.88	1/4		1/4		1/4			
1/2	2,176.25	1/2	1,818.08	1/2	1,458.34	1/2	1,099.99	1/2	746.46	1/2	391.40	1/2	34.30	1/2		1/2		1/2			
3/4	2,168.73	3/4	1,810.64	3/4	1,450.83	3/4	1,092.62	3/4	739.12	3/4	383.89	3/4	29.60	3/4		3/4		3/4			
4	2,161.22	4	1,803.19	4	1,443.32	4	1,085.25	4	731.78	4	376.38	4	24.89	4		4		4			
1/4	2,153.71	1/4	1,795.75	1/4	1,435.80	1/4	1,077.89	1/4	724.43	1/4	368.86	1/4	20.19	1/4		1/4		1/4			
1/2	2,146.20	1/2	1,788.30	1/2	1,428.29	1/2	1,070.52	1/2	717.09	1/2	361.35	1/2	15.49	1/2		1/2		1/2			
3/4	2,138.69	3/4	1,780.85	3/4	1,420.78	3/4	1,063.15	3/4	709.75	3/4	353.84	3/4		3/4		3/4		3/4			
5	2,131.18	5	1,773.41	5	1,413.27	5	1,055.78	5	702.41	5	346.33	5		5		5		5			
1/4	2,123.67	1/4	1,765.96	1/4	1,405.76	1/4	1,048.42	1/4	695.06	1/4	338.82	1/4		1/4		1/4		1/4			
1/2	2,116.16	1/2	1,758.52	1/2	1,398.25	1/2	1,041.05	1/2	687.72	1/2	331.30	1/2		1/2		1/2		1/2			
3/4	2,108.65	3/4	1,751.07	3/4	1,390.74	3/4	1,033.68	3/4	680.38	3/4	323.79	3/4		3/4		3/4		3/4			
6	2,101.13	6	1,743.63	6	1,383.23	6	1,026.31	6	673.04	6	316.28	6		6		6		6			
1/4	2,093.62	1/4	1,736.18	1/4	1,375.72	1/4	1,018.94	1/4	665.69	1/4	308.77	1/4		1/4		1/4		1/4			
1/2	2,086.11	1/2	1,728.74	1/2	1,368.20	1/2	1,011.58	1/2	658.35	1/2	301.25	1/2		1/2		1/2		1/2			
3/4	2,078.60	3/4	1,721.23	3/4	1,360.69	3/4	1,004.21	3/4	651.01	3/4	293.74	3/4		3/4		3/4		3/4			
7	2,071.22	7	1,713.72	7	1,353.18	7	996.84	7	643.66	7	286.23	7		7		7		7			
1/4	2,063.78	1/4	1,706.20	1/4	1,345.67	1/4	989.47	1/4	636.32	1/4	278.72	1/4		1/4		1/4		1/4			
1/2	2,056.33	1/2	1,698.69	1/2	1,338.16	1/2	982.11	1/2	628.98	1/2	271.21	1/2		1/2		1/2		1/2			
3/4	2,048.89	3/4	1,691.18	3/4	1,330.65	3/4	974.74	3/4	621.63	3/4	263.69	3/4		3/4		3/4		3/4			
8	2,041.44	8	1,683.67	8	1,323.14	8	967.37	8	614.29	8	256.18	8		8		8		8			
1/4	2,033.99	1/4	1,676.16	1/4	1,315.63	1/4	960.00	1/4	606.95	1/4	248.67	1/4		1/4		1/4		1/4			
1/2	2,026.55	1/2	1,668.65	1/2	1,308.12	1/2	952.64	1/2	599.61	1/2	241.16	1/2		1/2		1/2		1/2			
3/4	2,019.10	3/4	1,661.14	3/4	1,300.60	3/4	945.27	3/4	592.26	3/4	233.65	3/4		3/4		3/4		3/4			
9	2,011.66	9	1,653.63	9	1,293.09	9	937.90	9	584.92	9	226.13	9		9		9		9			
1/4	2,004.21	1/4	1,646.12	1/4	1,285.58	1/4	930.53	1/4	577.58	1/4	218.62	1/4		1/4		1/4		1/4			
1/2	1,996.77	1/2	1,638.60	1/2	1,278.07	1/2	923.16	1/2	570.23	1/2	211.11	1/2		1/2		1/2		1/2			
3/4	1,989.32	3/4	1,631.09	3/4	1,270.56	3/4	915.80	3/4	562.88	3/4	203.59	3/4		3/4		3/4		3/4			
10	1,981.88	10	1,623.58	10	1,263.05	10	908.43	10	555.52	10	196.06	10		10		10		10			
1/4	1,974.43	1/4	1,616.07	1/4	1,255.54	1/4	901.06	1/4	548.17	1/4	188.54	1/4		1/4		1/4		1/4			
1/2	1,966.99	1/2	1,608.56	1/2	1,248.03	1/2	893.69	1/2	540.81	1/2	181.01	1/2		1/2		1/2		1/2			
3/4	1,959.54	3/4	1,601.05	3/4	1,240.52	3/4	886.33	3/4	533.44	3/4	173.49	3/4		3/4		3/4		3/4			
11	1,952.10	11	1,593.54	11	1,233.00	11	878.96	11	526.07	11	165.97	11		11		11		11			
1/4	1,944.65	1/4	1,586.03	1/4	1,225.49	1/4	871.59	1/4	518.69	1/4	158.44	1/4		1/4		1/4		1/4			
1/2	1,937.21	1/2	1,578.52	1/2	1,217.98	1/2	864.22	1/2	511.32	1/2	150.92	1/2		1/2		1/2		1/2			
3/4	1,929.76	3/4	1,571.00	3/4	1,210.61	3/4	856.85	3/4	503.88	3/4	143.40	3/4		3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/10/2013 CL - SW  
CALCULATED: 04/10/2013 CL  
VERIFIED: 05/11/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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<http://www.pmacorp.net>