



# BARGE "KIRBY 29059"

## 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	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-06"

October 13, 2023

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>















# BARGE "KIRBY 29059"

## 2 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
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" 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.

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# BARGE "KIRBY 29059"

## 2 STBD 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	2,461.75	0	2,073.17	0	1,684.59	0	1,296.01	0	908.66	0	534.55	0	146.02	0		0		0	
1/4	2,453.66	1/4	2,065.08	1/4	1,676.50	1/4	1,287.92	1/4	900.88	1/4	526.46	1/4	137.92	1/4		1/4		1/4	
1/2	2,445.56	1/2	2,056.98	1/2	1,668.40	1/2	1,279.82	1/2	893.09	1/2	518.37	1/2	129.83	1/2		1/2		1/2	
3/4	2,437.46	3/4	2,048.89	3/4	1,660.31	3/4	1,271.73	3/4	885.32	3/4	510.27	3/4	121.74	3/4		3/4		3/4	
1	2,429.37	1	2,040.79	1	1,652.21	1	1,263.63	1	877.55	1	502.18	1	113.64	1		1		1	
1/4	2,421.27	1/4	2,032.69	1/4	1,644.12	1/4	1,255.54	1/4	869.78	1/4	494.08	1/4	105.55	1/4		1/4		1/4	
1/2	2,413.18	1/2	2,024.60	1/2	1,636.02	1/2	1,247.44	1/2	862.01	1/2	485.99	1/2	97.45	1/2		1/2		1/2	
3/4	2,405.08	3/4	2,016.50	3/4	1,627.92	3/4	1,239.35	3/4	854.24	3/4	477.89	3/4	89.36	3/4		3/4		3/4	
2	2,396.99	2	2,008.41	2	1,619.83	2	1,231.25	2	846.48	2	469.80	2	81.26	2		2		2	
1/4	2,388.89	1/4	2,000.31	1/4	1,611.73	1/4	1,223.15	1/4	838.72	1/4	461.70	1/4	73.17	1/4		1/4		1/4	
1/2	2,380.80	1/2	1,992.22	1/2	1,603.64	1/2	1,215.06	1/2	830.96	1/2	453.61	1/2	65.07	1/2		1/2		1/2	
3/4	2,372.70	3/4	1,984.12	3/4	1,595.54	3/4	1,206.96	3/4	823.20	3/4	445.52	3/4	57.99	3/4		3/4		3/4	
3	2,364.61	3	1,976.03	3	1,587.45	3	1,198.87	3	815.44	3	437.42	3	50.91	3		3		3	
1/4	2,356.51	1/4	1,967.93	1/4	1,579.35	1/4	1,190.77	1/4	807.68	1/4	429.33	1/4	43.82	1/4		1/4		1/4	
1/2	2,348.42	1/2	1,959.84	1/2	1,571.26	1/2	1,182.68	1/2	799.92	1/2	421.23	1/2	36.74	1/2		1/2		1/2	
3/4	2,340.32	3/4	1,951.74	3/4	1,563.16	3/4	1,174.58	3/4	792.16	3/4	413.14	3/4	31.68	3/4		3/4		3/4	
4	2,332.22	4	1,943.65	4	1,555.07	4	1,166.49	4	784.40	4	405.04	4	26.62	4		4		4	
1/4	2,324.13	1/4	1,935.55	1/4	1,546.97	1/4	1,158.39	1/4	776.63	1/4	396.95	1/4	21.56	1/4		1/4		1/4	
1/2	2,316.03	1/2	1,927.45	1/2	1,538.88	1/2	1,150.30	1/2	768.87	1/2	388.85	1/2	16.50	1/2		1/2		1/2	
3/4	2,307.94	3/4	1,919.36	3/4	1,530.78	3/4	1,142.20	3/4	761.11	3/4	380.76	3/4		3/4		3/4		3/4	
5	2,299.84	5	1,911.26	5	1,522.68	5	1,134.11	5	753.35	5	372.66	5		5		5		5	
1/4	2,291.75	1/4	1,903.17	1/4	1,514.59	1/4	1,126.01	1/4	745.59	1/4	364.57	1/4		1/4		1/4		1/4	
1/2	2,283.65	1/2	1,895.07	1/2	1,506.49	1/2	1,117.91	1/2	737.83	1/2	356.48	1/2		1/2		1/2		1/2	
3/4	2,275.56	3/4	1,886.98	3/4	1,498.40	3/4	1,109.82	3/4	730.07	3/4	348.38	3/4		3/4		3/4		3/4	
6	2,267.46	6	1,878.88	6	1,490.30	6	1,101.72	6	722.31	6	340.29	6		6		6		6	
1/4	2,259.37	1/4	1,870.79	1/4	1,482.21	1/4	1,093.63	1/4	714.55	1/4	332.19	1/4		1/4		1/4		1/4	
1/2	2,251.27	1/2	1,862.69	1/2	1,474.11	1/2	1,085.53	1/2	706.79	1/2	324.10	1/2		1/2		1/2		1/2	
3/4	2,243.17	3/4	1,854.60	3/4	1,466.02	3/4	1,077.44	3/4	699.03	3/4	316.00	3/4		3/4		3/4		3/4	
7	2,235.08	7	1,846.50	7	1,457.92	7	1,069.34	7	691.27	7	307.91	7		7		7		7	
1/4	2,226.98	1/4	1,838.40	1/4	1,449.83	1/4	1,061.25	1/4	683.51	1/4	299.81	1/4		1/4		1/4		1/4	
1/2	2,218.89	1/2	1,830.31	1/2	1,441.73	1/2	1,053.15	1/2	675.75	1/2	291.72	1/2		1/2		1/2		1/2	
3/4	2,210.79	3/4	1,822.21	3/4	1,433.63	3/4	1,045.06	3/4	667.99	3/4	283.63	3/4		3/4		3/4		3/4	
8	2,202.70	8	1,814.12	8	1,425.54	8	1,036.96	8	660.23	8	275.53	8		8		8		8	
1/4	2,194.60	1/4	1,806.02	1/4	1,417.44	1/4	1,028.86	1/4	652.47	1/4	267.44	1/4		1/4		1/4		1/4	
1/2	2,186.51	1/2	1,797.93	1/2	1,409.35	1/2	1,020.77	1/2	644.71	1/2	259.34	1/2		1/2		1/2		1/2	
3/4	2,178.41	3/4	1,789.83	3/4	1,401.25	3/4	1,012.67	3/4	636.95	3/4	251.25	3/4		3/4		3/4		3/4	
9	2,170.32	9	1,781.74	9	1,393.16	9	1,004.58	9	629.18	9	243.15	9		9		9		9	
1/4	2,162.22	1/4	1,773.64	1/4	1,385.06	1/4	996.48	1/4	621.41	1/4	235.06	1/4		1/4		1/4		1/4	
1/2	2,154.13	1/2	1,765.55	1/2	1,376.97	1/2	988.39	1/2	613.64	1/2	226.96	1/2		1/2		1/2		1/2	
3/4	2,146.03	3/4	1,757.45	3/4	1,368.87	3/4	980.29	3/4	605.85	3/4	218.87	3/4		3/4		3/4		3/4	
10	2,137.93	10	1,749.36	10	1,360.78	10	972.20	10	598.07	10	210.77	10		10		10		10	
1/4	2,129.84	1/4	1,741.26	1/4	1,352.68	1/4	964.10	1/4	590.29	1/4	202.68	1/4		1/4		1/4		1/4	
1/2	2,121.74	1/2	1,733.16	1/2	1,344.59	1/2	956.01	1/2	582.50	1/2	194.59	1/2		1/2		1/2		1/2	
3/4	2,113.65	3/4	1,725.07	3/4	1,336.49	3/4	948.06	3/4	574.56	3/4	186.49	3/4		3/4		3/4		3/4	
11	2,105.55	11	1,716.97	11	1,328.39	11	940.12	11	566.62	11	178.40	11		11		11		11	
1/4	2,097.46	1/4	1,708.88	1/4	1,320.30	1/4	932.18	1/4	558.68	1/4	170.30	1/4		1/4		1/4		1/4	
1/2	2,089.36	1/2	1,700.78	1/2	1,312.20	1/2	924.24	1/2	550.74	1/2	162.21	1/2		1/2		1/2		1/2	
3/4	2,081.27	3/4	1,692.69	3/4	1,304.11	3/4	916.45	3/4	542.65	3/4	154.11	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/05/2013 CL  
CALCULATED: 08/05/2013 CL  
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2023

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



# BARGE "KIRBY 29059"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0		0		0		0		0		0	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>	
	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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









# BARGE "KIRBY 29059"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

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
1/4	2,289.59	1/4	1,930.34	1/4	1,571.47	1/4	1,210.97	1/4	857.10	1/4	504.03	1/4	143.44	1/4		1/4		1/4	
1/2	2,282.08	1/2	1,922.89	1/2	1,563.96	1/2	1,203.59	1/2	849.73	1/2	496.58	1/2	135.91	1/2		1/2		1/2	
3/4	2,274.57	3/4	1,915.44	3/4	1,556.44	3/4	1,196.22	3/4	842.35	3/4	489.14	3/4	128.39	3/4		3/4		3/4	
0	2,267.05	1	1,907.99	1	1,548.93	1	1,188.84	1	834.97	1	481.69	1	120.86	1		1		1	
1/4	2,259.54	1/4	1,900.54	1/4	1,541.42	1/4	1,181.46	1/4	827.60	1/4	474.18	1/4	113.33	1/4		1/4		1/4	
1/2	2,252.03	1/2	1,893.10	1/2	1,533.90	1/2	1,174.08	1/2	820.23	1/2	466.66	1/2	105.81	1/2		1/2		1/2	
3/4	2,244.51	3/4	1,885.65	3/4	1,526.39	3/4	1,166.71	3/4	812.86	3/4	459.15	3/4	98.28	3/4		3/4		3/4	
2	2,237.00	2	1,878.20	2	1,518.88	2	1,159.33	2	805.48	2	451.63	2	90.76	2		2		2	
1/4	2,229.49	1/4	1,870.75	1/4	1,511.36	1/4	1,151.95	1/4	798.13	1/4	444.12	1/4	83.23	1/4		1/4		1/4	
1/2	2,221.97	1/2	1,863.31	1/2	1,503.85	1/2	1,144.58	1/2	790.77	1/2	436.60	1/2	75.70	1/2		1/2		1/2	
3/4	2,214.46	3/4	1,855.86	3/4	1,496.34	3/4	1,137.20	3/4	783.41	3/4	429.09	3/4	68.18	3/4		3/4		3/4	
3	2,206.95	3	1,848.41	3	1,488.82	3	1,129.82	3	776.06	3	421.57	3	60.65	3		3		3	
1/4	2,199.43	1/4	1,840.96	1/4	1,481.31	1/4	1,122.45	1/4	768.71	1/4	414.06	1/4	54.07	1/4		1/4		1/4	
1/2	2,191.92	1/2	1,833.52	1/2	1,473.80	1/2	1,115.07	1/2	761.37	1/2	406.55	1/2	47.48	1/2		1/2		1/2	
3/4	2,184.41	3/4	1,826.07	3/4	1,466.28	3/4	1,107.69	3/4	754.02	3/4	399.03	3/4	40.89	3/4		3/4		3/4	
4	2,176.89	4	1,818.62	4	1,458.77	4	1,100.32	4	746.68	4	391.52	4	34.31	4		4		4	
1/4	2,169.38	1/4	1,811.17	1/4	1,451.26	1/4	1,092.95	1/4	739.34	1/4	384.00	1/4	29.60	1/4		1/4		1/4	
1/2	2,161.87	1/2	1,803.73	1/2	1,443.74	1/2	1,085.58	1/2	731.99	1/2	376.49	1/2	24.90	1/2		1/2		1/2	
3/4	2,154.35	3/4	1,796.28	3/4	1,436.23	3/4	1,078.21	3/4	724.65	3/4	368.97	3/4	20.20	3/4		3/4		3/4	
5	2,146.84	5	1,788.83	5	1,428.72	5	1,070.84	5	717.31	5	361.46	5	15.49	5		5		5	
1/4	2,139.33	1/4	1,781.38	1/4	1,421.20	1/4	1,063.47	1/4	709.96	1/4	353.95	1/4		1/4		1/4		1/4	
1/2	2,131.81	1/2	1,773.94	1/2	1,413.69	1/2	1,056.10	1/2	702.62	1/2	346.43	1/2		1/2		1/2		1/2	
3/4	2,124.30	3/4	1,766.49	3/4	1,406.18	3/4	1,048.73	3/4	695.27	3/4	338.92	3/4		3/4		3/4		3/4	
6	2,116.79	6	1,759.04	6	1,398.66	6	1,041.36	6	687.93	6	331.40	6		6		6		6	
1/4	2,109.27	1/4	1,751.59	1/4	1,391.15	1/4	1,033.99	1/4	680.58	1/4	323.89	1/4		1/4		1/4		1/4	
1/2	2,101.76	1/2	1,744.15	1/2	1,383.64	1/2	1,026.62	1/2	673.24	1/2	316.37	1/2		1/2		1/2		1/2	
3/4	2,094.25	3/4	1,736.70	3/4	1,376.12	3/4	1,019.25	3/4	665.89	3/4	308.86	3/4		3/4		3/4		3/4	
7	2,086.73	7	1,729.25	7	1,368.61	7	1,011.88	7	658.55	7	301.34	7		7		7		7	
1/4	2,079.29	1/4	1,721.74	1/4	1,361.10	1/4	1,004.51	1/4	651.20	1/4	293.83	1/4		1/4		1/4		1/4	
1/2	2,071.84	1/2	1,714.22	1/2	1,353.58	1/2	997.14	1/2	643.85	1/2	286.32	1/2		1/2		1/2		1/2	
3/4	2,064.39	3/4	1,706.71	3/4	1,346.07	3/4	989.77	3/4	636.51	3/4	278.80	3/4		3/4		3/4		3/4	
8	2,056.94	8	1,699.20	8	1,338.56	8	982.40	8	629.16	8	271.29	8		8		8		8	
1/4	2,049.50	1/4	1,691.68	1/4	1,331.04	1/4	975.03	1/4	621.82	1/4	263.77	1/4		1/4		1/4		1/4	
1/2	2,042.05	1/2	1,684.17	1/2	1,323.53	1/2	967.66	1/2	614.47	1/2	256.26	1/2		1/2		1/2		1/2	
3/4	2,034.60	3/4	1,676.66	3/4	1,316.02	3/4	960.29	3/4	607.13	3/4	248.74	3/4		3/4		3/4		3/4	
9	2,027.15	9	1,669.14	9	1,308.51	9	952.92	9	599.78	9	241.23	9		9		9		9	
1/4	2,019.71	1/4	1,661.63	1/4	1,300.99	1/4	945.55	1/4	592.44	1/4	233.71	1/4		1/4		1/4		1/4	
1/2	2,012.26	1/2	1,654.12	1/2	1,293.48	1/2	938.18	1/2	585.09	1/2	226.20	1/2		1/2		1/2		1/2	
3/4	2,004.81	3/4	1,646.60	3/4	1,285.97	3/4	930.81	3/4	577.75	3/4	218.69	3/4		3/4		3/4		3/4	
10	1,997.36	10	1,639.09	10	1,278.45	10	923.44	10	570.40	10	211.17	10		10		10		10	
1/4	1,989.92	1/4	1,631.58	1/4	1,270.94	1/4	916.07	1/4	563.04	1/4	203.65	1/4		1/4		1/4		1/4	
1/2	1,982.47	1/2	1,624.06	1/2	1,263.43	1/2	908.70	1/2	555.69	1/2	196.12	1/2		1/2		1/2		1/2	
3/4	1,975.02	3/4	1,616.55	3/4	1,255.91	3/4	901.33	3/4	548.33	3/4	188.59	3/4		3/4		3/4		3/4	
11	1,967.57	11	1,609.04	11	1,248.40	11	893.96	11	540.97	11	181.07	11		11		11		11	
1/4	1,960.13	1/4	1,601.52	1/4	1,240.89	1/4	886.59	1/4	533.60	1/4	173.54	1/4		1/4		1/4		1/4	
1/2	1,952.68	1/2	1,594.01	1/2	1,233.37	1/2	879.22	1/2	526.22	1/2	166.02	1/2		1/2		1/2		1/2	
3/4	1,945.23	3/4	1,586.50	3/4	1,225.86	3/4	871.85	3/4	518.85	3/4	158.49	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/05/2013 CL  
CALCULATED: 08/05/2013 CL  
VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2023

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