



# BARGE "KIRBY 11621"

## 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 CENTER	- 00-1/2	00-1/2	- 01-0/8	01-0/8	- 01-5/8	01-5/8	- 02-1/8	02-1/8	- 02-5/8	02-5/8	- 03-1/8	03-1/8
2 CENTER	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-1/4	- 02-1/4
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 01-0/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-01"

LENGTH BETWEEN DRAFT MARKS: 162'-09"

February 13, 2024

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

<http://www.pmacorp.net>



# BARGE "KIRBY 11621"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 17'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
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# BARGE "KIRBY 11621"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,602.86	0	1,378.91	0	1,154.66	0	930.42	0	706.19	0	484.28	0	263.02	0	38.26	0		0	
1/4	1,598.19	1/4	1,374.23	1/4	1,149.99	1/4	925.75	1/4	701.52	1/4	479.75	1/4	258.34	1/4	33.61	1/4		1/4	
1/2	1,593.53	1/2	1,369.56	1/2	1,145.32	1/2	921.08	1/2	696.85	1/2	475.23	1/2	253.65	1/2	28.97	1/2		1/2	
3/4	1,588.86	3/4	1,364.89	3/4	1,140.64	3/4	916.41	3/4	692.18	3/4	470.70	3/4	248.97	3/4	25.06	3/4		3/4	
1	1,584.20	1	1,360.22	1	1,135.97	1	911.74	1	687.50	1	466.18	1	244.28	1	21.16	1		1	
1/4	1,579.54	1/4	1,355.55	1/4	1,131.30	1/4	907.07	1/4	682.83	1/4	461.65	1/4	239.59	1/4	17.26	1/4		1/4	
1/2	1,574.87	1/2	1,350.88	1/2	1,126.63	1/2	902.40	1/2	678.16	1/2	457.12	1/2	234.91	1/2	13.36	1/2		1/2	
3/4	1,570.21	3/4	1,346.20	3/4	1,121.96	3/4	897.73	3/4	673.49	3/4	452.60	3/4	230.22	3/4	11.01	3/4		3/4	
2	1,565.54	2	1,341.53	2	1,117.29	2	893.05	2	668.82	2	448.07	2	225.54	2	8.67	2		2	
1/4	1,560.88	1/4	1,336.86	1/4	1,112.61	1/4	888.38	1/4	664.15	1/4	443.55	1/4	220.85	1/4	6.33	1/4		1/4	
1/2	1,556.22	1/2	1,332.19	1/2	1,107.94	1/2	883.71	1/2	659.47	1/2	439.02	1/2	216.17	1/2	3.99	1/2		1/2	
3/4	1,551.55	3/4	1,327.52	3/4	1,103.27	3/4	879.04	3/4	654.80	3/4	434.49	3/4	211.48	3/4	3.21	3/4		3/4	
3	1,546.89	3	1,322.85	3	1,098.60	3	874.37	3	650.12	3	429.97	3	206.79	3	2.42	3		3	
1/4	1,542.22	1/4	1,318.17	1/4	1,093.93	1/4	869.70	1/4	645.44	1/4	425.44	1/4	202.11	1/4	1.64	1/4		1/4	
1/2	1,537.56	1/2	1,313.50	1/2	1,089.26	1/2	865.02	1/2	640.76	1/2	420.92	1/2	197.42	1/2	0.86	1/2		1/2	
3/4	1,532.90	3/4	1,308.83	3/4	1,084.58	3/4	860.35	3/4	636.08	3/4	416.39	3/4	192.74	3/4		3/4		3/4	
4	1,528.23	4	1,304.16	4	1,079.91	4	855.68	4	631.40	4	411.86	4	188.05	4		4		4	
1/4	1,523.57	1/4	1,299.49	1/4	1,075.24	1/4	851.01	1/4	626.71	1/4	407.34	1/4	183.37	1/4		1/4		1/4	
1/2	1,518.90	1/2	1,294.81	1/2	1,070.57	1/2	846.34	1/2	622.03	1/2	402.81	1/2	178.68	1/2		1/2		1/2	
3/4	1,514.24	3/4	1,290.14	3/4	1,065.90	3/4	841.67	3/4	617.35	3/4	398.27	3/4	174.00	3/4		3/4		3/4	
5	1,509.58	5	1,285.47	5	1,061.22	5	837.00	5	612.67	5	393.73	5	169.31	5		5		5	
1/4	1,504.91	1/4	1,280.80	1/4	1,056.55	1/4	832.32	1/4	607.98	1/4	389.19	1/4	164.62	1/4		1/4		1/4	
1/2	1,500.25	1/2	1,276.13	1/2	1,051.88	1/2	827.65	1/2	603.30	1/2	384.65	1/2	159.94	1/2		1/2		1/2	
3/4	1,495.58	3/4	1,271.46	3/4	1,047.21	3/4	822.98	3/4	598.62	3/4	379.96	3/4	155.25	3/4		3/4		3/4	
6	1,490.92	6	1,266.78	6	1,042.54	6	818.31	6	593.93	6	375.28	6	150.57	6		6		6	
1/4	1,486.26	1/4	1,262.11	1/4	1,037.87	1/4	813.64	1/4	589.25	1/4	370.59	1/4	145.88	1/4		1/4		1/4	
1/2	1,481.59	1/2	1,257.44	1/2	1,033.19	1/2	808.97	1/2	584.57	1/2	365.90	1/2	141.20	1/2		1/2		1/2	
3/4	1,476.93	3/4	1,252.77	3/4	1,028.52	3/4	804.29	3/4	579.88	3/4	361.22	3/4	136.51	3/4		3/4		3/4	
7	1,472.26	7	1,248.10	7	1,023.85	7	799.62	7	575.20	7	356.53	7	131.83	7		7		7	
1/4	1,467.60	1/4	1,243.42	1/4	1,019.18	1/4	794.95	1/4	570.52	1/4	351.85	1/4	127.14	1/4		1/4		1/4	
1/2	1,462.94	1/2	1,238.75	1/2	1,014.51	1/2	790.28	1/2	565.83	1/2	347.16	1/2	122.46	1/2		1/2		1/2	
3/4	1,458.27	3/4	1,234.08	3/4	1,009.83	3/4	785.61	3/4	561.29	3/4	342.48	3/4	117.77	3/4		3/4		3/4	
8	1,453.61	8	1,229.41	8	1,005.16	8	780.94	8	556.74	8	337.79	8	113.09	8		8		8	
1/4	1,448.94	1/4	1,224.74	1/4	1,000.49	1/4	776.26	1/4	552.19	1/4	333.11	1/4	108.40	1/4		1/4		1/4	
1/2	1,444.28	1/2	1,220.07	1/2	995.82	1/2	771.59	1/2	547.65	1/2	328.42	1/2	103.72	1/2		1/2		1/2	
3/4	1,439.62	3/4	1,215.39	3/4	991.15	3/4	766.92	3/4	543.12	3/4	323.74	3/4	99.04	3/4		3/4		3/4	
9	1,434.95	9	1,210.72	9	986.48	9	762.25	9	538.58	9	319.05	9	94.35	9		9		9	
1/4	1,430.29	1/4	1,206.05	1/4	981.80	1/4	757.58	1/4	534.05	1/4	314.36	1/4	89.67	1/4		1/4		1/4	
1/2	1,425.62	1/2	1,201.38	1/2	977.13	1/2	752.91	1/2	529.52	1/2	309.68	1/2	84.98	1/2		1/2		1/2	
3/4	1,420.95	3/4	1,196.71	3/4	972.46	3/4	748.23	3/4	525.00	3/4	305.02	3/4	80.30	3/4		3/4		3/4	
10	1,416.28	10	1,192.03	10	967.79	10	743.56	10	520.47	10	300.36	10	75.61	10		10		10	
1/4	1,411.61	1/4	1,187.36	1/4	963.12	1/4	738.89	1/4	515.95	1/4	295.70	1/4	70.93	1/4		1/4		1/4	
1/2	1,406.94	1/2	1,182.69	1/2	958.44	1/2	734.22	1/2	511.42	1/2	291.04	1/2	66.24	1/2		1/2		1/2	
3/4	1,402.27	3/4	1,178.02	3/4	953.77	3/4	729.55	3/4	506.90	3/4	286.38	3/4	61.57	3/4		3/4		3/4	
11	1,397.59	11	1,173.35	11	949.10	11	724.88	11	502.37	11	281.72	11	56.90	11		11		11	
1/4	1,392.92	1/4	1,168.68	1/4	944.43	1/4	720.21	1/4	497.85	1/4	277.06	1/4	52.22	1/4		1/4		1/4	
1/2	1,388.25	1/2	1,164.00	1/2	939.76	1/2	715.53	1/2	493.32	1/2	272.39	1/2	47.55	1/2		1/2		1/2	
3/4	1,383.58	3/4	1,159.33	3/4	935.09	3/4	710.86	3/4	488.80	3/4	267.71	3/4	42.90	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2024 JS  
CALCULATED: 02/13/2024 CL  
PRINTED: 02/13/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2024

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



# BARGE "KIRBY 11621"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	4,062.83	0	3,775.57	0	3,488.31	0	3,201.04	0	2,913.78	0	2,626.52	0	2,339.26		
1/4	1/4	1/4	1/4	1/4	4,056.84	1/4	3,769.58	1/4	3,482.32	1/4	3,195.06	1/4	2,907.80	1/4	2,620.54	1/4	2,333.28		
1/2	1/2	1/2	1/2	1/2	4,050.86	1/2	3,763.60	1/2	3,476.34	1/2	3,189.08	1/2	2,901.81	1/2	2,614.55	1/2	2,327.29		
3/4	3/4	3/4	3/4	3/4	4,044.87	3/4	3,757.61	3/4	3,470.35	3/4	3,183.09	3/4	2,895.83	3/4	2,608.57	3/4	2,321.31		
1	1	1	1	1	4,038.89	1	3,751.63	1	3,464.37	1	3,177.11	1	2,889.85	1	2,602.58	1	2,315.32		
1/4	1/4	1/4	1/4	1/4	4,032.90	1/4	3,745.64	1/4	3,458.38	1/4	3,171.12	1/4	2,883.86	1/4	2,596.60	1/4	2,309.34		
1/2	1/2	1/2	1/2	1/2	4,026.92	1/2	3,739.66	1/2	3,452.40	1/2	3,165.14	1/2	2,877.88	1/2	2,590.62	1/2	2,303.35		
3/4	3/4	3/4	3/4	3/4	4,020.93	3/4	3,733.67	3/4	3,446.41	3/4	3,159.15	3/4	2,871.89	3/4	2,584.63	3/4	2,297.37		
2	2	2	2	2	4,014.95	2	3,727.69	2	3,440.43	2	3,153.17	2	2,865.91	2	2,578.65	2	2,291.39		
1/4	1/4	1/4	1/4	1/4	4,008.97	1/4	3,721.70	1/4	3,434.44	1/4	3,147.18	1/4	2,859.92	1/4	2,572.66	1/4	2,285.40		
1/2	1/2	1/2	1/2	1/2	4,002.98	1/2	3,715.72	1/2	3,428.46	1/2	3,141.20	1/2	2,853.94	1/2	2,566.68	1/2	2,279.42		
3/4	3/4	3/4	3/4	3/4	3,997.00	3/4	3,709.74	3/4	3,422.47	3/4	3,135.21	3/4	2,847.95	3/4	2,560.69	3/4	2,273.43		
3	3	3	3	3	3,991.01	3	3,703.75	3	3,416.49	3	3,129.23	3	2,841.97	3	2,554.71	3	2,267.45		
1/4	1/4	1/4	1/4	1/4	3,985.03	1/4	3,697.77	1/4	3,410.51	1/4	3,123.24	1/4	2,835.98	1/4	2,548.72	1/4	2,261.46		
1/2	1/2	1/2	1/2	1/2	3,979.04	1/2	3,691.78	1/2	3,404.52	1/2	3,117.26	1/2	2,830.00	1/2	2,542.74	1/2	2,255.48		
3/4	3/4	3/4	3/4	3/4	3,973.06	3/4	3,685.80	3/4	3,398.54	3/4	3,111.28	3/4	2,824.01	3/4	2,536.75	3/4	2,249.49		
4	4	4	4	4	3,967.07	4	3,679.81	4	3,392.55	4	3,105.29	4	2,818.03	4	2,530.77	4	2,243.51		
1/4	1/4	1/4	1/4	1/4	3,961.09	1/4	3,673.83	1/4	3,386.57	1/4	3,099.31	1/4	2,812.05	1/4	2,524.78	1/4	2,237.52		
1/2	1/2	1/2	1/2	1/2	3,955.10	1/2	3,667.84	1/2	3,380.58	1/2	3,093.32	1/2	2,806.06	1/2	2,518.80	1/2	2,231.54		
3/4	3/4	3/4	3/4	3/4	3,949.12	3/4	3,661.86	3/4	3,374.60	3/4	3,087.34	3/4	2,800.08	3/4	2,512.82	3/4	2,225.55		
5	5	5	5	5	3,943.13	5	3,655.87	5	3,368.61	5	3,081.35	5	2,794.09	5	2,506.83	5	2,219.57		
1/4	1/4	1/4	1/4	1/4	3,937.15	1/4	3,649.89	1/4	3,362.63	1/4	3,075.37	1/4	2,788.11	1/4	2,500.85	1/4	2,213.59		
1/2	1/2	1/2	1/2	1/2	3,931.17	1/2	3,643.90	1/2	3,356.64	1/2	3,069.38	1/2	2,782.12	1/2	2,494.86	1/2	2,207.60		
3/4	3/4	3/4	3/4	3/4	3,925.18	3/4	3,637.92	3/4	3,350.66	3/4	3,063.40	3/4	2,776.14	3/4	2,488.88	3/4	2,201.62		
6	6	6	6	6	3,919.20	6	3,631.94	6	3,344.67	6	3,057.41	6	2,770.15	6	2,482.89	6	2,195.63		
1/4	1/4	1/4	1/4	1/4	3,913.21	1/4	3,625.95	1/4	3,338.69	1/4	3,051.43	1/4	2,764.17	1/4	2,476.91	1/4	2,189.65		
1/2	1/2	1/2	1/2	1/2	3,907.23	1/2	3,619.97	1/2	3,332.71	1/2	3,045.44	1/2	2,758.18	1/2	2,470.92	1/2	2,183.66		
3/4	3/4	3/4	3/4	3/4	4,157.81	3/4	3,901.24	3/4	3,613.98	3/4	3,326.72	3/4	3,039.46	3/4	2,752.20	3/4	2,464.94	3/4	2,177.68
7	7	7	7	7	4,155.32	7	3,895.26	7	3,608.00	7	3,320.74	7	3,033.48	7	2,746.21	7	2,458.95	7	2,171.69
1/4	1/4	1/4	1/4	1/4	4,152.83	1/4	3,889.27	1/4	3,602.01	1/4	3,314.75	1/4	3,027.49	1/4	2,740.23	1/4	2,452.97	1/4	2,165.71
1/2	1/2	1/2	1/2	1/2	4,150.33	1/2	3,883.29	1/2	3,596.03	1/2	3,308.77	1/2	3,021.51	1/2	2,734.25	1/2	2,446.98	1/2	2,159.72
3/4	3/4	3/4	3/4	3/4	4,147.84	3/4	3,877.30	3/4	3,590.04	3/4	3,302.78	3/4	3,015.52	3/4	2,728.26	3/4	2,441.00	3/4	2,153.74
8	8	8	8	8	4,145.35	8	3,871.32	8	3,584.06	8	3,296.80	8	3,009.54	8	2,722.28	8	2,435.02	8	2,147.75
1/4	1/4	1/4	1/4	1/4	4,142.85	1/4	3,865.33	1/4	3,578.07	1/4	3,290.81	1/4	3,003.55	1/4	2,716.29	1/4	2,429.03	1/4	2,141.77
1/2	1/2	1/2	1/2	1/2	4,140.36	1/2	3,859.35	1/2	3,572.09	1/2	3,284.83	1/2	2,997.57	1/2	2,710.31	1/2	2,423.05	1/2	2,135.79
3/4	3/4	3/4	3/4	3/4	4,135.87	3/4	3,853.37	3/4	3,566.10	3/4	3,278.84	3/4	2,991.58	3/4	2,704.32	3/4	2,417.06	3/4	2,129.80
9	9	9	9	9	4,131.38	9	3,847.38	9	3,560.12	9	3,272.86	9	2,985.60	9	2,698.34	9	2,411.08	9	2,123.82
1/4	1/4	1/4	1/4	1/4	4,126.89	1/4	3,841.40	1/4	3,554.14	1/4	3,266.87	1/4	2,979.61	1/4	2,692.35	1/4	2,405.09	1/4	2,117.83
1/2	1/2	1/2	1/2	1/2	4,122.40	1/2	3,835.41	1/2	3,548.15	1/2	3,260.89	1/2	2,973.63	1/2	2,686.37	1/2	2,399.11	1/2	2,111.85
3/4	3/4	3/4	3/4	3/4	4,116.50	3/4	3,829.43	3/4	3,542.17	3/4	3,254.91	3/4	2,967.64	3/4	2,680.38	3/4	2,393.12	3/4	2,105.86
10	10	10	10	10	4,110.59	10	3,823.44	10	3,536.18	10	3,248.92	10	2,961.66	10	2,674.40	10	2,387.14	10	2,099.88
1/4	1/4	1/4	1/4	1/4	4,104.68	1/4	3,817.46	1/4	3,530.20	1/4	3,242.94	1/4	2,955.68	1/4	2,668.41	1/4	2,381.15	1/4	2,093.89
1/2	1/2	1/2	1/2	1/2	4,098.78	1/2	3,811.47	1/2	3,524.21	1/2	3,236.95	1/2	2,949.69	1/2	2,662.43	1/2	2,375.17	1/2	2,087.91
3/4	3/4	3/4	3/4	3/4	4,092.78	3/4	3,805.49	3/4	3,518.23	3/4	3,230.97	3/4	2,943.71	3/4	2,656.45	3/4	2,369.18	3/4	2,081.92
11	11	11	11	11	4,086.79	11	3,799.50	11	3,512.24	11	3,224.98	11	2,937.72	11	2,650.46	11	2,363.20	11	2,075.94
1/4	1/4	1/4	1/4	1/4	4,080.79	1/4	3,793.52	1/4	3,506.26	1/4	3,219.00	1/4	2,931.74	1/4	2,644.48	1/4	2,357.22	1/4	2,069.95
1/2	1/2	1/2	1/2	1/2	4,074.80	1/2	3,787.54	1/2	3,500.27	1/2	3,213.01	1/2	2,925.75	1/2	2,638.49	1/2	2,351.23	1/2	2,063.97
3/4	3/4	3/4	3/4	3/4	4,068.81	3/4	3,781.55	3/4	3,494.29	3/4	3,207.03	3/4	2,919.77	3/4	2,632.51	3/4	2,345.25	3/4	2,057.99

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 ON CENTERLINE AND 36'-02" 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 11621"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	2,052.00	0	1,764.74	0	1,477.48	0	1,190.22	0	902.96	0	618.93	0	335.70	0	48.62	0		0	
1/4	2,046.02	1/4	1,758.76	1/4	1,471.49	1/4	1,184.23	1/4	896.97	1/4	613.12	1/4	329.72	1/4	42.69	1/4		1/4	
1/2	2,040.03	1/2	1,752.77	1/2	1,465.51	1/2	1,178.25	1/2	890.99	1/2	607.32	1/2	323.73	1/2	36.76	1/2		1/2	
3/4	2,034.05	3/4	1,746.79	3/4	1,459.53	3/4	1,172.26	3/4	885.00	3/4	601.52	3/4	317.75	3/4	31.77	3/4		3/4	
1	2,028.06	1	1,740.80	1	1,453.54	1	1,166.28	1	879.02	1	595.72	1	311.76	1	26.79	1		1	
1/4	2,022.08	1/4	1,734.82	1/4	1,447.56	1/4	1,160.30	1/4	873.03	1/4	589.92	1/4	305.78	1/4	21.80	1/4		1/4	
1/2	2,016.09	1/2	1,728.83	1/2	1,441.57	1/2	1,154.31	1/2	867.05	1/2	584.12	1/2	299.80	1/2	16.82	1/2		1/2	
3/4	2,010.11	3/4	1,722.85	3/4	1,435.59	3/4	1,148.33	3/4	861.07	3/4	578.32	3/4	293.81	3/4	13.82	3/4		3/4	
2	2,004.12	2	1,716.86	2	1,429.60	2	1,142.34	2	855.08	2	572.51	2	287.83	2	10.83	2		2	
1/4	1,998.14	1/4	1,710.88	1/4	1,423.62	1/4	1,136.36	1/4	849.10	1/4	566.71	1/4	281.84	1/4	7.84	1/4		1/4	
1/2	1,992.16	1/2	1,704.89	1/2	1,417.63	1/2	1,130.37	1/2	843.11	1/2	560.91	1/2	275.86	1/2	4.85	1/2		1/2	
3/4	1,986.17	3/4	1,698.91	3/4	1,411.65	3/4	1,124.39	3/4	837.13	3/4	555.11	3/4	269.87	3/4	3.85	3/4		3/4	
3	1,980.19	3	1,692.93	3	1,405.66	3	1,118.40	3	831.14	3	549.31	3	263.89	3	2.85	3		3	
1/4	1,974.20	1/4	1,686.94	1/4	1,399.68	1/4	1,112.42	1/4	825.16	1/4	543.51	1/4	257.91	1/4	1.86	1/4		1/4	
1/2	1,968.22	1/2	1,680.96	1/2	1,393.70	1/2	1,106.43	1/2	819.17	1/2	537.71	1/2	251.92	1/2	0.86	1/2		1/2	
3/4	1,962.23	3/4	1,674.97	3/4	1,387.71	3/4	1,100.45	3/4	813.19	3/4	531.91	3/4	245.94	3/4		3/4		3/4	
4	1,956.25	4	1,668.99	4	1,381.73	4	1,094.47	4	807.20	4	526.10	4	239.95	4		4		4	
1/4	1,950.26	1/4	1,663.00	1/4	1,375.74	1/4	1,088.48	1/4	801.22	1/4	520.30	1/4	233.97	1/4		1/4		1/4	
1/2	1,944.28	1/2	1,657.02	1/2	1,369.76	1/2	1,082.50	1/2	795.24	1/2	514.50	1/2	227.98	1/2		1/2		1/2	
3/4	1,938.29	3/4	1,651.03	3/4	1,363.77	3/4	1,076.51	3/4	789.25	3/4	508.70	3/4	222.00	3/4		3/4		3/4	
5	1,932.31	5	1,645.05	5	1,357.79	5	1,070.53	5	783.27	5	502.90	5	216.01	5		5		5	
1/4	1,926.32	1/4	1,639.06	1/4	1,351.80	1/4	1,064.54	1/4	777.28	1/4	497.10	1/4	210.03	1/4		1/4		1/4	
1/2	1,920.34	1/2	1,633.08	1/2	1,345.82	1/2	1,058.56	1/2	771.30	1/2	491.30	1/2	204.05	1/2		1/2		1/2	
3/4	1,914.36	3/4	1,627.09	3/4	1,339.83	3/4	1,052.57	3/4	765.31	3/4	485.31	3/4	198.06	3/4		3/4		3/4	
6	1,908.37	6	1,621.11	6	1,333.85	6	1,046.59	6	759.33	6	479.33	6	192.08	6		6		6	
1/4	1,902.39	1/4	1,615.13	1/4	1,327.86	1/4	1,040.60	1/4	753.34	1/4	473.34	1/4	186.09	1/4		1/4		1/4	
1/2	1,896.40	1/2	1,609.14	1/2	1,321.88	1/2	1,034.62	1/2	747.36	1/2	467.36	1/2	180.11	1/2		1/2		1/2	
3/4	1,890.42	3/4	1,603.16	3/4	1,315.90	3/4	1,028.63	3/4	741.37	3/4	461.37	3/4	174.12	3/4		3/4		3/4	
7	1,884.43	7	1,597.17	7	1,309.91	7	1,022.65	7	735.39	7	455.39	7	168.14	7		7		7	
1/4	1,878.45	1/4	1,591.19	1/4	1,303.93	1/4	1,016.67	1/4	729.40	1/4	449.41	1/4	162.15	1/4		1/4		1/4	
1/2	1,872.46	1/2	1,585.20	1/2	1,297.94	1/2	1,010.68	1/2	723.42	1/2	443.42	1/2	156.17	1/2		1/2		1/2	
3/4	1,866.48	3/4	1,579.22	3/4	1,291.96	3/4	1,004.70	3/4	717.61	3/4	437.44	3/4	150.19	3/4		3/4		3/4	
8	1,860.49	8	1,573.23	8	1,285.97	8	998.71	8	711.80	8	431.45	8	144.20	8		8		8	
1/4	1,854.51	1/4	1,567.25	1/4	1,279.99	1/4	992.73	1/4	705.99	1/4	425.47	1/4	138.22	1/4		1/4		1/4	
1/2	1,848.52	1/2	1,561.26	1/2	1,274.00	1/2	986.74	1/2	700.18	1/2	419.48	1/2	132.23	1/2		1/2		1/2	
3/4	1,842.54	3/4	1,555.28	3/4	1,268.02	3/4	980.76	3/4	694.37	3/4	413.50	3/4	126.25	3/4		3/4		3/4	
9	1,836.56	9	1,549.29	9	1,262.03	9	974.77	9	688.56	9	407.52	9	120.26	9		9		9	
1/4	1,830.57	1/4	1,543.31	1/4	1,256.05	1/4	968.79	1/4	682.75	1/4	401.53	1/4	114.28	1/4		1/4		1/4	
1/2	1,824.59	1/2	1,537.33	1/2	1,250.06	1/2	962.80	1/2	676.94	1/2	395.55	1/2	108.30	1/2		1/2		1/2	
3/4	1,818.60	3/4	1,531.34	3/4	1,244.08	3/4	956.82	3/4	671.14	3/4	389.56	3/4	102.31	3/4		3/4		3/4	
10	1,812.62	10	1,525.36	10	1,238.10	10	950.83	10	665.34	10	383.58	10	96.33	10		10		10	
1/4	1,806.63	1/4	1,519.37	1/4	1,232.11	1/4	944.85	1/4	659.53	1/4	377.59	1/4	90.35	1/4		1/4		1/4	
1/2	1,800.65	1/2	1,513.39	1/2	1,226.13	1/2	938.87	1/2	653.73	1/2	371.61	1/2	84.36	1/2		1/2		1/2	
3/4	1,794.66	3/4	1,507.40	3/4	1,220.14	3/4	932.88	3/4	647.93	3/4	365.62	3/4	78.39	3/4		3/4		3/4	
11	1,788.68	11	1,501.42	11	1,214.16	11	926.90	11	642.13	11	359.64	11	72.43	11		11		11	
1/4	1,782.69	1/4	1,495.43	1/4	1,208.17	1/4	920.91	1/4	636.33	1/4	353.66	1/4	66.46	1/4		1/4		1/4	
1/2	1,776.71	1/2	1,489.45	1/2	1,202.19	1/2	914.93	1/2	630.53	1/2	347.67	1/2	60.49	1/2		1/2		1/2	
3/4	1,770.72	3/4	1,483.46	3/4	1,196.20	3/4	908.94	3/4	624.73	3/4	341.69	3/4	54.55	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2024 JS  
CALCULATED: 02/13/2024 CL  
PRINTED: 02/13/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2024

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



# BARGE "KIRBY 11621"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	3,641.37	0	3,384.33	0	3,127.29	0	2,870.25	0	2,613.21	0	2,356.17	0	2,099.13		
1/4	1/4	1/4	1/4	1/4	3,636.02	1/4	3,378.98	1/4	3,121.94	1/4	2,864.90	1/4	2,607.86	1/4	2,350.82	1/4	2,093.78		
1/2	1/2	1/2	1/2	1/2	3,630.66	1/2	3,373.62	1/2	3,116.58	1/2	2,859.54	1/2	2,602.50	1/2	2,345.46	1/2	2,088.42		
3/4	3/4	3/4	3/4	3/4	3,625.31	3/4	3,368.27	3/4	3,111.23	3/4	2,854.19	3/4	2,597.15	3/4	2,340.11	3/4	2,083.07		
1	1	1	1	1	3,619.95	1	3,362.91	1	3,105.87	1	2,848.83	1	2,591.79	1	2,334.75	1	2,077.71		
1/4	1/4	1/4	1/4	1/4	3,614.60	1/4	3,357.56	1/4	3,100.52	1/4	2,843.48	1/4	2,586.44	1/4	2,329.40	1/4	2,072.36		
1/2	1/2	1/2	1/2	1/2	3,609.24	1/2	3,352.20	1/2	3,095.16	1/2	2,838.12	1/2	2,581.08	1/2	2,324.04	1/2	2,067.00		
3/4	3/4	3/4	3/4	3/4	3,603.89	3/4	3,346.85	3/4	3,089.81	3/4	2,832.77	3/4	2,575.73	3/4	2,318.69	3/4	2,061.65		
2	2	2	2	2	3,598.53	2	3,341.49	2	3,084.45	2	2,827.41	2	2,570.37	2	2,313.33	2	2,056.29		
1/4	1/4	1/4	1/4	1/4	3,593.18	1/4	3,336.14	1/4	3,079.10	1/4	2,822.06	1/4	2,565.02	1/4	2,307.98	1/4	2,050.94		
1/2	1/2	1/2	1/2	1/2	3,587.82	1/2	3,330.78	1/2	3,073.74	1/2	2,816.70	1/2	2,559.66	1/2	2,302.62	1/2	2,045.58		
3/4	3/4	3/4	3/4	3/4	3,582.47	3/4	3,325.43	3/4	3,068.39	3/4	2,811.35	3/4	2,554.31	3/4	2,297.27	3/4	2,040.23		
3	3	3	3	3	3,577.11	3	3,320.07	3	3,063.03	3	2,805.99	3	2,548.95	3	2,291.91	3	2,034.87		
1/4	1/4	1/4	1/4	1/4	3,571.76	1/4	3,314.72	1/4	3,057.68	1/4	2,800.64	1/4	2,543.60	1/4	2,286.56	1/4	2,029.52		
1/2	1/2	1/2	1/2	1/2	3,566.40	1/2	3,309.36	1/2	3,052.32	1/2	2,795.28	1/2	2,538.24	1/2	2,281.20	1/2	2,024.16		
3/4	3/4	3/4	3/4	3/4	3,561.05	3/4	3,304.01	3/4	3,046.97	3/4	2,789.93	3/4	2,532.89	3/4	2,275.85	3/4	2,018.81		
4	4	4	4	4	3,555.69	4	3,298.65	4	3,041.61	4	2,784.57	4	2,527.53	4	2,270.49	4	2,013.45		
1/4	1/4	1/4	1/4	1/4	3,550.34	1/4	3,293.30	1/4	3,036.26	1/4	2,779.22	1/4	2,522.18	1/4	2,265.14	1/4	2,008.10		
1/2	1/2	1/2	1/2	1/2	3,544.98	1/2	3,287.94	1/2	3,030.90	1/2	2,773.86	1/2	2,516.82	1/2	2,259.78	1/2	2,002.74		
3/4	3/4	3/4	3/4	3/4	3,539.63	3/4	3,282.59	3/4	3,025.55	3/4	2,768.51	3/4	2,511.47	3/4	2,254.43	3/4	1,997.39		
5	5	5	5	5	3,534.27	5	3,277.23	5	3,020.19	5	2,763.15	5	2,506.11	5	2,249.07	5	1,992.03		
1/4	1/4	1/4	1/4	1/4	3,528.92	1/4	3,271.88	1/4	3,014.84	1/4	2,757.80	1/4	2,500.76	1/4	2,243.72	1/4	1,986.68		
1/2	1/2	1/2	1/2	1/2	3,523.56	1/2	3,266.52	1/2	3,009.48	1/2	2,752.44	1/2	2,495.40	1/2	2,238.36	1/2	1,981.32		
3/4	3/4	3/4	3/4	3/4	3,518.21	3/4	3,261.17	3/4	3,004.13	3/4	2,747.09	3/4	2,490.05	3/4	2,233.01	3/4	1,975.97		
6	6	6	6	6	3,512.85	6	3,255.81	6	2,998.77	6	2,741.73	6	2,484.69	6	2,227.65	6	1,970.61		
1/4	1/4	1/4	1/4	1/4	3,507.50	1/4	3,250.46	1/4	2,993.42	1/4	2,736.38	1/4	2,479.34	1/4	2,222.30	1/4	1,965.26		
1/2	1/2	1/2	1/2	1/2	3,502.14	1/2	3,245.10	1/2	2,988.06	1/2	2,731.02	1/2	2,473.98	1/2	2,216.94	1/2	1,959.90		
3/4	3/4	3/4	3/4	3/4	3,726.28	3/4	3,496.79	3/4	3,239.75	3/4	2,982.71	3/4	2,725.67	3/4	2,468.63	3/4	2,211.59	3/4	1,954.55
7	7	7	7	7	3,724.05	7	3,494.43	7	3,237.39	7	2,977.35	7	2,720.31	7	2,463.27	7	2,206.23	7	1,949.19
1/4	1/4	1/4	1/4	1/4	3,721.82	1/4	3,486.08	1/4	3,229.04	1/4	2,972.00	1/4	2,714.96	1/4	2,457.92	1/4	2,200.88	1/4	1,943.84
1/2	1/2	1/2	1/2	1/2	3,719.59	1/2	3,480.72	1/2	3,223.68	1/2	2,966.64	1/2	2,709.60	1/2	2,452.56	1/2	2,195.52	1/2	1,938.48
3/4	3/4	3/4	3/4	3/4	3,717.36	3/4	3,475.37	3/4	3,218.33	3/4	2,961.29	3/4	2,704.25	3/4	2,447.21	3/4	2,190.17	3/4	1,933.13
8	8	8	8	8	3,715.13	8	3,470.01	8	3,212.97	8	2,955.93	8	2,698.89	8	2,441.85	8	2,184.81	8	1,927.77
1/4	1/4	1/4	1/4	1/4	3,712.90	1/4	3,464.66	1/4	3,207.62	1/4	2,950.58	1/4	2,693.54	1/4	2,436.50	1/4	2,179.46	1/4	1,922.42
1/2	1/2	1/2	1/2	1/2	3,710.67	1/2	3,459.30	1/2	3,202.26	1/2	2,945.22	1/2	2,688.18	1/2	2,431.14	1/2	2,174.10	1/2	1,917.06
3/4	3/4	3/4	3/4	3/4	3,706.65	3/4	3,453.95	3/4	3,196.91	3/4	2,939.87	3/4	2,682.83	3/4	2,425.79	3/4	2,168.75	3/4	1,911.71
9	9	9	9	9	3,702.63	9	3,448.59	9	3,191.55	9	2,934.51	9	2,677.47	9	2,420.43	9	2,163.39	9	1,906.35
1/4	1/4	1/4	1/4	1/4	3,698.62	1/4	3,443.24	1/4	3,186.20	1/4	2,929.16	1/4	2,672.12	1/4	2,415.08	1/4	2,158.04	1/4	1,901.00
1/2	1/2	1/2	1/2	1/2	3,694.60	1/2	3,437.88	1/2	3,180.84	1/2	2,923.80	1/2	2,666.76	1/2	2,409.72	1/2	2,152.68	1/2	1,895.64
3/4	3/4	3/4	3/4	3/4	3,689.32	3/4	3,432.53	3/4	3,175.49	3/4	2,918.45	3/4	2,661.41	3/4	2,404.37	3/4	2,147.33	3/4	1,890.29
10	10	10	10	10	3,684.03	10	3,427.17	10	3,170.13	10	2,913.09	10	2,656.05	10	2,399.01	10	2,141.97	10	1,884.93
1/4	1/4	1/4	1/4	1/4	3,678.75	1/4	3,421.82	1/4	3,164.78	1/4	2,907.74	1/4	2,650.70	1/4	2,393.66	1/4	2,136.62	1/4	1,879.58
1/2	1/2	1/2	1/2	1/2	3,673.46	1/2	3,416.46	1/2	3,159.42	1/2	2,902.38	1/2	2,645.34	1/2	2,388.30	1/2	2,131.26	1/2	1,874.22
3/4	3/4	3/4	3/4	3/4	3,668.12	3/4	3,411.11	3/4	3,154.07	3/4	2,897.03	3/4	2,639.99	3/4	2,382.95	3/4	2,125.91	3/4	1,868.87
11	11	11	11	11	3,662.77	11	3,405.75	11	3,148.71	11	2,891.67	11	2,634.63	11	2,377.59	11	2,120.55	11	1,863.51
1/4	1/4	1/4	1/4	1/4	3,657.43	1/4	3,400.40	1/4	3,143.36	1/4	2,886.32	1/4	2,629.28	1/4	2,372.24	1/4	2,115.20	1/4	1,858.16
1/2	1/2	1/2	1/2	1/2	3,652.08	1/2	3,395.04	1/2	3,138.00	1/2	2,880.96	1/2	2,623.92	1/2	2,366.88	1/2	2,109.84	1/2	1,852.80
3/4	3/4	3/4	3/4	3/4	3,646.73	3/4	3,389.69	3/4	3,132.65	3/4	2,875.61	3/4	2,618.57	3/4	2,361.53	3/4	2,104.49	3/4	1,847.45

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 ON CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 11621"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,842.09	0	1,585.05	0	1,328.01	0	1,070.97	0	813.93	0	557.12	0	300.47	0	43.60	0		0	
1/4	1,836.74	1/4	1,579.70	1/4	1,322.66	1/4	1,065.62	1/4	808.58	1/4	551.79	1/4	295.11	1/4	38.29	1/4		1/4	
1/2	1,831.38	1/2	1,574.34	1/2	1,317.30	1/2	1,060.26	1/2	803.22	1/2	546.45	1/2	289.76	1/2	32.98	1/2		1/2	
3/4	1,826.03	3/4	1,568.99	3/4	1,311.95	3/4	1,054.91	3/4	797.87	3/4	541.11	3/4	284.40	3/4	28.52	3/4		3/4	
1	1,820.67	1	1,563.63	1	1,306.59	1	1,049.55	1	792.51	1	535.77	1	279.05	1	24.06	1		1	
1/4	1,815.32	1/4	1,558.28	1/4	1,301.24	1/4	1,044.20	1/4	787.16	1/4	530.44	1/4	273.70	1/4	19.60	1/4		1/4	
1/2	1,809.96	1/2	1,552.92	1/2	1,295.88	1/2	1,038.84	1/2	781.80	1/2	525.10	1/2	268.34	1/2	15.14	1/2		1/2	
3/4	1,804.61	3/4	1,547.57	3/4	1,290.53	3/4	1,033.49	3/4	776.45	3/4	519.76	3/4	262.99	3/4	12.46	3/4		3/4	
2	1,799.25	2	1,542.21	2	1,285.17	2	1,028.13	2	771.09	2	514.42	2	257.63	2	9.78	2		2	
1/4	1,793.90	1/4	1,536.86	1/4	1,279.82	1/4	1,022.78	1/4	765.74	1/4	509.08	1/4	252.28	1/4	7.11	1/4		1/4	
1/2	1,788.54	1/2	1,531.50	1/2	1,274.46	1/2	1,017.42	1/2	760.38	1/2	503.75	1/2	246.92	1/2	4.43	1/2		1/2	
3/4	1,783.19	3/4	1,526.15	3/4	1,269.11	3/4	1,012.07	3/4	755.03	3/4	498.41	3/4	241.57	3/4	3.54	3/4		3/4	
3	1,777.83	3	1,520.79	3	1,263.75	3	1,006.71	3	749.67	3	493.07	3	236.21	3	2.65	3		3	
1/4	1,772.48	1/4	1,515.44	1/4	1,258.40	1/4	1,001.36	1/4	744.32	1/4	487.73	1/4	230.86	1/4	1.75	1/4		1/4	
1/2	1,767.12	1/2	1,510.08	1/2	1,253.04	1/2	996.00	1/2	738.96	1/2	482.39	1/2	225.50	1/2	0.86	1/2		1/2	
3/4	1,761.77	3/4	1,504.73	3/4	1,247.69	3/4	990.65	3/4	733.61	3/4	477.06	3/4	220.15	3/4		3/4		3/4	
4	1,756.41	4	1,499.37	4	1,242.33	4	985.29	4	728.25	4	471.72	4	214.79	4		4		4	
1/4	1,751.06	1/4	1,494.02	1/4	1,236.98	1/4	979.94	1/4	722.90	1/4	466.38	1/4	209.44	1/4		1/4		1/4	
1/2	1,745.70	1/2	1,488.66	1/2	1,231.62	1/2	974.58	1/2	717.54	1/2	461.04	1/2	204.08	1/2		1/2		1/2	
3/4	1,740.35	3/4	1,483.31	3/4	1,226.27	3/4	969.23	3/4	712.19	3/4	455.70	3/4	198.73	3/4		3/4		3/4	
5	1,734.99	5	1,477.95	5	1,220.91	5	963.87	5	706.83	5	450.37	5	193.37	5		5		5	
1/4	1,729.64	1/4	1,472.60	1/4	1,215.56	1/4	958.52	1/4	701.48	1/4	445.03	1/4	188.02	1/4		1/4		1/4	
1/2	1,724.28	1/2	1,467.24	1/2	1,210.20	1/2	953.16	1/2	696.12	1/2	439.69	1/2	182.67	1/2		1/2		1/2	
3/4	1,718.93	3/4	1,461.89	3/4	1,204.85	3/4	947.81	3/4	690.77	3/4	434.34	3/4	177.31	3/4		3/4		3/4	
6	1,713.57	6	1,456.53	6	1,199.49	6	942.45	6	685.41	6	428.98	6	171.96	6		6		6	
1/4	1,708.22	1/4	1,451.18	1/4	1,194.14	1/4	937.10	1/4	680.06	1/4	423.63	1/4	166.60	1/4		1/4		1/4	
1/2	1,702.86	1/2	1,445.82	1/2	1,188.78	1/2	931.74	1/2	674.70	1/2	418.27	1/2	161.25	1/2		1/2		1/2	
3/4	1,697.51	3/4	1,440.47	3/4	1,183.43	3/4	926.39	3/4	669.35	3/4	412.92	3/4	155.89	3/4		3/4		3/4	
7	1,692.15	7	1,435.11	7	1,178.07	7	921.03	7	663.99	7	407.56	7	150.54	7		7		7	
1/4	1,686.80	1/4	1,429.76	1/4	1,172.72	1/4	915.68	1/4	658.64	1/4	402.21	1/4	145.18	1/4		1/4		1/4	
1/2	1,681.44	1/2	1,424.40	1/2	1,167.36	1/2	910.32	1/2	653.28	1/2	396.85	1/2	139.83	1/2		1/2		1/2	
3/4	1,676.09	3/4	1,419.05	3/4	1,162.01	3/4	904.97	3/4	647.93	3/4	391.50	3/4	134.47	3/4		3/4		3/4	
8	1,670.73	8	1,413.69	8	1,156.65	8	899.61	8	642.59	8	386.14	8	129.12	8		8		8	
1/4	1,665.38	1/4	1,408.34	1/4	1,151.30	1/4	894.26	1/4	637.24	1/4	380.79	1/4	123.76	1/4		1/4		1/4	
1/2	1,660.02	1/2	1,402.98	1/2	1,145.94	1/2	888.90	1/2	631.89	1/2	375.43	1/2	118.41	1/2		1/2		1/2	
3/4	1,654.67	3/4	1,397.63	3/4	1,140.59	3/4	883.55	3/4	626.55	3/4	370.08	3/4	113.05	3/4		3/4		3/4	
9	1,649.31	9	1,392.27	9	1,135.23	9	878.19	9	621.20	9	364.73	9	107.70	9		9		9	
1/4	1,643.96	1/4	1,386.92	1/4	1,129.88	1/4	872.84	1/4	615.85	1/4	359.37	1/4	102.34	1/4		1/4		1/4	
1/2	1,638.60	1/2	1,381.56	1/2	1,124.52	1/2	867.48	1/2	610.50	1/2	354.02	1/2	96.99	1/2		1/2		1/2	
3/4	1,633.25	3/4	1,376.21	3/4	1,119.17	3/4	862.13	3/4	605.17	3/4	348.66	3/4	91.64	3/4		3/4		3/4	
10	1,627.89	10	1,370.85	10	1,113.81	10	856.77	10	599.83	10	343.31	10	86.28	10		10		10	
1/4	1,622.54	1/4	1,365.50	1/4	1,108.46	1/4	851.42	1/4	594.49	1/4	337.95	1/4	80.93	1/4		1/4		1/4	
1/2	1,617.18	1/2	1,360.14	1/2	1,103.10	1/2	846.06	1/2	589.15	1/2	332.60	1/2	75.58	1/2		1/2		1/2	
3/4	1,611.83	3/4	1,354.79	3/4	1,097.75	3/4	840.71	3/4	583.81	3/4	327.24	3/4	70.24	3/4		3/4		3/4	
11	1,606.47	11	1,349.43	11	1,092.39	11	835.35	11	578.48	11	321.89	11	64.90	11		11		11	
1/4	1,601.12	1/4	1,344.08	1/4	1,087.04	1/4	830.00	1/4	573.14	1/4	316.53	1/4	59.55	1/4		1/4		1/4	
1/2	1,595.76	1/2	1,338.72	1/2	1,081.68	1/2	824.64	1/2	567.80	1/2	311.18	1/2	54.21	1/2		1/2		1/2	
3/4	1,590.41	3/4	1,333.37	3/4	1,076.33	3/4	819.29	3/4	562.46	3/4	305.82	3/4	48.90	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2024 JS  
CALCULATED: 02/13/2024 CL  
PRINTED: 02/13/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2024

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