



# BARGE "KIRBY 29041"

ULLAGE TRIM TABLE  
FORMERLY "CTCO 337"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 6'-00"  
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

May 7, 2024

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 29041"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

GAUGE HEIGHT 16'-10"

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
							4,960.72		4,632.48		4,284.48		3,919.78		3,553.75		3,187.20		2,820.51		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,953.63	1/4	4,625.42	1/4	4,276.99	1/4	3,912.15	1/4	3,546.12	1/4	3,179.56	1/4	2,812.87		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,946.54	1/2	4,618.37	1/2	4,269.49	1/2	3,904.53	1/2	3,538.49	1/2	3,171.92	1/2	2,805.23		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,939.45	3/4	4,611.32	3/4	4,262.00	3/4	3,896.90	3/4	3,530.86	3/4	3,164.28	3/4	2,797.59		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,932.36</b>	<b>1</b>	<b>4,604.27</b>	<b>1</b>	<b>4,254.51</b>	<b>1</b>	<b>3,889.27</b>	<b>1</b>	<b>3,523.22</b>	<b>1</b>	<b>3,156.65</b>	<b>1</b>	<b>2,789.95</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,925.73	1/4	4,597.18	1/4	4,246.98	1/4	3,881.65	1/4	3,515.59	1/4	3,149.01	1/4	2,782.31		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,919.09	1/2	4,590.09	1/2	4,239.45	1/2	3,874.02	1/2	3,507.95	1/2	3,141.37	1/2	2,774.67		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,912.46	3/4	4,583.01	3/4	4,231.93	3/4	3,866.40	3/4	3,500.31	3/4	3,133.74	3/4	2,767.03		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,905.83</b>	<b>2</b>	<b>4,575.92</b>	<b>2</b>	<b>4,224.40</b>	<b>2</b>	<b>3,858.77</b>	<b>2</b>	<b>3,492.68</b>	<b>2</b>	<b>3,126.10</b>	<b>2</b>	<b>2,759.39</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,899.17	1/4	4,568.80	1/4	4,216.83	1/4	3,851.15	1/4	3,485.04	1/4	3,118.46	1/4	2,751.74		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,892.51	1/2	4,561.68	1/2	4,209.27	1/2	3,843.52	1/2	3,477.40	1/2	3,110.83	1/2	2,744.10		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,885.85	3/4	4,554.56	3/4	4,201.71	3/4	3,835.90	3/4	3,469.76	3/4	3,103.19	3/4	2,736.46		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4,879.19</b>	<b>3</b>	<b>4,547.44</b>	<b>3</b>	<b>4,194.15</b>	<b>3</b>	<b>3,828.27</b>	<b>3</b>	<b>3,462.13</b>	<b>3</b>	<b>3,095.55</b>	<b>3</b>	<b>2,728.82</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,872.49	1/4	4,540.28	1/4	4,186.55	1/4	3,820.64	1/4	3,454.49	1/4	3,087.91	1/4	2,721.18		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,865.79	1/2	4,533.13	1/2	4,178.95	1/2	3,813.02	1/2	3,446.85	1/2	3,080.28	1/2	2,713.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,859.09	3/4	4,525.98	3/4	4,171.36	3/4	3,805.39	3/4	3,439.22	3/4	3,072.64	3/4	2,705.90		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,852.39</b>	<b>4</b>	<b>4,518.82</b>	<b>4</b>	<b>4,163.76</b>	<b>4</b>	<b>3,797.77</b>	<b>4</b>	<b>3,431.58</b>	<b>4</b>	<b>3,065.00</b>	<b>4</b>	<b>2,698.26</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,845.66	1/4	4,511.63	1/4	4,156.14	1/4	3,790.14	1/4	3,423.94	1/4	3,057.37	1/4	2,690.62		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,838.92	1/2	4,504.45	1/2	4,148.53	1/2	3,782.52	1/2	3,416.31	1/2	3,049.73	1/2	2,682.98		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,832.19	3/4	4,497.26	3/4	4,140.91	3/4	3,774.89	3/4	3,408.67	3/4	3,042.09	3/4	2,675.33		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,825.45</b>	<b>5</b>	<b>4,490.07</b>	<b>5</b>	<b>4,133.29</b>	<b>5</b>	<b>3,767.27</b>	<b>5</b>	<b>3,401.03</b>	<b>5</b>	<b>3,034.46</b>	<b>5</b>	<b>2,667.69</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,818.68	1/4	4,482.85	1/4	4,125.66	1/4	3,759.64	1/4	3,393.39	1/4	3,026.82	1/4	2,660.05		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,811.91	1/2	4,475.63	1/2	4,118.04	1/2	3,752.02	1/2	3,385.76	1/2	3,019.18	1/2	2,652.41		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,805.14	3/4	4,468.41	3/4	4,110.41	3/4	3,744.39	3/4	3,378.12	3/4	3,011.54	3/4	2,644.77		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,798.37</b>	<b>6</b>	<b>4,461.19</b>	<b>6</b>	<b>4,102.79</b>	<b>6</b>	<b>3,736.76</b>	<b>6</b>	<b>3,370.48</b>	<b>6</b>	<b>3,003.91</b>	<b>6</b>	<b>2,637.13</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,791.57	1/4	4,453.93	1/4	4,095.16	1/4	3,729.14	1/4	3,362.85	1/4	2,996.26	1/4	2,629.49		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,784.77	1/2	4,446.67	1/2	4,087.54	1/2	3,721.51	1/2	3,355.21	1/2	2,988.62	1/2	2,621.85		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,777.96	3/4	4,439.41	3/4	4,079.91	3/4	3,713.89	3/4	3,347.57	3/4	2,980.98	3/4	2,614.21		
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>4,771.16</b>	<b>7</b>	<b>4,432.15</b>	<b>7</b>	<b>4,072.29</b>	<b>7</b>	<b>3,706.26</b>	<b>7</b>	<b>3,339.94</b>	<b>7</b>	<b>2,973.33</b>	<b>7</b>	<b>2,606.57</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,764.32	1/4	4,424.84	1/4	4,064.66	1/4	3,698.64	1/4	3,332.30	1/4	2,965.69	1/4	2,598.92		
1/2	1/2	1/2	5,092.37	1/2	4,757.49	1/2	4,417.53	1/2	4,057.04	1/2	3,691.01	1/2	3,324.66	1/2	2,958.05	1/2	2,591.28				
3/4	3/4	3/4	5,086.33	3/4	4,750.65	3/4	4,410.23	3/4	4,049.41	3/4	3,683.39	3/4	3,317.02	3/4	2,950.41	3/4	2,583.64				
<b>8</b>	<b>8</b>	<b>8</b>	<b>5,080.28</b>	<b>8</b>	<b>4,743.82</b>	<b>8</b>	<b>4,402.92</b>	<b>8</b>	<b>4,041.78</b>	<b>8</b>	<b>3,675.76</b>	<b>8</b>	<b>3,309.39</b>	<b>8</b>	<b>2,942.77</b>	<b>8</b>	<b>2,576.00</b>				
1/4	1/4	1/4	5,073.10	1/4	4,736.93	1/4	4,395.57	1/4	4,034.16	1/4	3,668.13	1/4	3,301.75	1/4	2,935.13	1/4	2,568.36				
1/2	1/2	1/2	5,065.91	1/2	4,730.03	1/2	4,388.21	1/2	4,026.53	1/2	3,660.51	1/2	3,294.11	1/2	2,927.49	1/2	2,560.72				
3/4	3/4	3/4	5,058.72	3/4	4,723.14	3/4	4,380.86	3/4	4,018.91	3/4	3,652.88	3/4	3,286.48	3/4	2,919.85	3/4	2,553.08				
<b>9</b>	<b>9</b>	<b>9</b>	<b>5,051.54</b>	<b>9</b>	<b>4,716.25</b>	<b>9</b>	<b>4,373.51</b>	<b>9</b>	<b>4,011.28</b>	<b>9</b>	<b>3,645.26</b>	<b>9</b>	<b>3,278.84</b>	<b>9</b>	<b>2,912.21</b>	<b>9</b>	<b>2,545.44</b>				
1/4	1/4	1/4	5,043.97	1/4	4,709.31	1/4	4,366.12	1/4	4,003.66	1/4	3,637.63	1/4	3,271.20	1/4	2,904.56	1/4	2,537.80				
1/2	1/2	1/2	5,036.40	1/2	4,702.37	1/2	4,358.74	1/2	3,996.03	1/2	3,630.01	1/2	3,263.57	1/2	2,896.92	1/2	2,530.16				
3/4	3/4	3/4	5,028.83	3/4	4,695.42	3/4	4,351.35	3/4	3,988.41	3/4	3,622.38	3/4	3,255.93	3/4	2,889.28	3/4	2,522.51				
<b>10</b>	<b>10</b>	<b>10</b>	<b>5,021.26</b>	<b>10</b>	<b>4,688.48</b>	<b>10</b>	<b>4,343.97</b>	<b>10</b>	<b>3,980.78</b>	<b>10</b>	<b>3,614.76</b>	<b>10</b>	<b>3,248.29</b>	<b>10</b>	<b>2,881.64</b>	<b>10</b>	<b>2,514.87</b>				
1/4	1/4	1/4	5,013.70	1/4	4,681.50	1/4	4,336.55	1/4	3,973.15	1/4	3,607.13	1/4	3,240.65	1/4	2,874.00	1/4	2,507.23				
1/2	1/2	1/2	5,006.13	1/2	4,674.52	1/2	4,329.13	1/2	3,965.53	1/2	3,599.51	1/2	3,233.02	1/2	2,866.36	1/2	2,499.59				
3/4	3/4	3/4	4,998.56	3/4	4,667.54	3/4	4,321.71	3/4	3,957.90	3/4	3,591.88	3/4	3,225.38	3/4	2,858.72	3/4	2,491.95				
<b>11</b>	<b>11</b>	<b>11</b>	<b>4,990.99</b>	<b>11</b>	<b>4,660.55</b>	<b>11</b>	<b>4,314.29</b>	<b>11</b>	<b>3,950.28</b>	<b>11</b>	<b>3,584.25</b>	<b>11</b>	<b>3,217.74</b>	<b>11</b>	<b>2,851.08</b>	<b>11</b>	<b>2,484.31</b>				
1/4	1/4	1/4	4,983.42	1/4	4,653.54	1/4	4,306.84	1/4	3,942.65	1/4	3,576.63	1/4	3,210.11	1/4	2,843.44	1/4	2,476.67				
1/2	1/2	1/2	4,975.85	1/2	4,646.52	1/2	4,299.38	1/2	3,935.03	1/2	3,569.00	1/2	3,202.47	1/2	2,835.80	1/2	2,469.03				
3/4	3/4	3/4	4,968.29	3/4	4,639.50	3/4	4,291.93	3/4	3,927.40	3/4	3,561.38	3/4	3,194.83	3/4	2,828.15	3/4	2,461.39				

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'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "KIRBY 29041"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

GAUGE HEIGHT 16'-10"

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	2,453.75	0	2,086.98	0	1,720.21	0	1,353.44	0	987.56	0	622.12	0	270.14	0		0		0	
1/4	2,446.10	1/4	2,079.34	1/4	1,712.57	1/4	1,345.80	1/4	979.97	1/4	614.47	1/4	263.36	1/4	1/4	1/4		1/4	
1/2	2,438.46	1/2	2,071.70	1/2	1,704.93	1/2	1,338.16	1/2	972.38	1/2	606.83	1/2	256.58	1/2	1/2	1/2		1/2	
3/4	2,430.82	3/4	2,064.05	3/4	1,697.29	3/4	1,330.52	3/4	964.79	3/4	599.19	3/4	249.80	3/4	3/4	3/4		3/4	
1	2,423.18	1	2,056.41	1	1,689.65	1	1,322.88	1	957.20	1	591.55	1	243.02	1	1	1		1	
1/4	2,415.54	1/4	2,048.77	1/4	1,682.00	1/4	1,315.24	1/4	949.61	1/4	583.91	1/4	236.33	1/4	1/4	1/4		1/4	
1/2	2,407.90	1/2	2,041.13	1/2	1,674.36	1/2	1,307.60	1/2	942.02	1/2	576.27	1/2	229.64	1/2	1/2	1/2		1/2	
3/4	2,400.26	3/4	2,033.49	3/4	1,666.72	3/4	1,299.95	3/4	934.43	3/4	568.63	3/4	222.95	3/4	3/4	3/4		3/4	
2	2,392.62	2	2,025.85	2	1,659.08	2	1,292.31	2	926.84	2	560.99	2	216.26	2	2	2		2	
1/4	2,384.98	1/4	2,018.21	1/4	1,651.44	1/4	1,284.67	1/4	919.25	1/4	553.36	1/4	209.66	1/4	1/4	1/4		1/4	
1/2	2,377.34	1/2	2,010.57	1/2	1,643.80	1/2	1,277.03	1/2	911.66	1/2	545.73	1/2	203.07	1/2	1/2	1/2		1/2	
3/4	2,369.69	3/4	2,002.93	3/4	1,636.16	3/4	1,269.39	3/4	904.07	3/4	538.10	3/4	196.47	3/4	3/4	3/4		3/4	
3	2,362.05	3	1,995.29	3	1,628.52	3	1,261.75	3	896.48	3	530.47	3	189.87	3	3	3		3	
1/4	2,354.41	1/4	1,987.64	1/4	1,620.88	1/4	1,254.11	1/4	888.89	1/4	522.89	1/4	183.36	1/4	1/4	1/4		1/4	
1/2	2,346.77	1/2	1,980.00	1/2	1,613.24	1/2	1,246.47	1/2	881.30	1/2	515.30	1/2	176.85	1/2	1/2	1/2		1/2	
3/4	2,339.13	3/4	1,972.36	3/4	1,605.59	3/4	1,238.83	3/4	873.71	3/4	507.72	3/4	170.35	3/4	3/4	3/4		3/4	
4	2,331.49	4	1,964.72	4	1,597.95	4	1,231.19	4	866.12	4	500.13	4	163.84	4	4	4		4	
1/4	2,323.85	1/4	1,957.08	1/4	1,590.31	1/4	1,223.54	1/4	858.53	1/4	492.63	1/4	157.43	1/4	1/4	1/4		1/4	
1/2	2,316.21	1/2	1,949.44	1/2	1,582.67	1/2	1,215.90	1/2	850.94	1/2	485.12	1/2	151.01	1/2	1/2	1/2		1/2	
3/4	2,308.57	3/4	1,941.80	3/4	1,575.03	3/4	1,208.26	3/4	843.35	3/4	477.62	3/4	144.60	3/4	3/4	3/4		3/4	
5	2,300.93	5	1,934.16	5	1,567.39	5	1,200.62	5	835.76	5	470.12	5	138.18	5	5	5		5	
1/4	2,293.28	1/4	1,926.52	1/4	1,559.75	1/4	1,192.98	1/4	828.17	1/4	462.70	1/4	131.87	1/4	1/4	1/4		1/4	
1/2	2,285.64	1/2	1,918.88	1/2	1,552.11	1/2	1,185.34	1/2	820.58	1/2	455.29	1/2	125.55	1/2	1/2	1/2		1/2	
3/4	2,278.00	3/4	1,911.23	3/4	1,544.47	3/4	1,177.70	3/4	812.99	3/4	447.87	3/4	119.23	3/4	3/4	3/4		3/4	
6	2,270.36	6	1,903.59	6	1,536.83	6	1,170.06	6	805.40	6	440.46	6	112.92	6	6	6		6	
1/4	2,262.72	1/4	1,895.95	1/4	1,529.18	1/4	1,162.43	1/4	797.78	1/4	433.13	1/4	106.70	1/4	1/4	1/4		1/4	
1/2	2,255.08	1/2	1,888.31	1/2	1,521.54	1/2	1,154.80	1/2	790.16	1/2	425.81	1/2	100.48	1/2	1/2	1/2		1/2	
3/4	2,247.44	3/4	1,880.67	3/4	1,513.90	3/4	1,147.18	3/4	782.55	3/4	418.49	3/4	94.26	3/4	3/4	3/4		3/4	
7	2,239.80	7	1,873.03	7	1,506.26	7	1,139.55	7	774.93	7	411.16	7	88.05	7	7	7		7	
1/4	2,232.16	1/4	1,865.39	1/4	1,498.62	1/4	1,131.94	1/4	767.29	1/4	403.93	1/4	81.94	1/4	1/4	1/4		1/4	
1/2	2,224.52	1/2	1,857.75	1/2	1,490.98	1/2	1,124.33	1/2	759.65	1/2	396.70	1/2	75.83	1/2	1/2	1/2		1/2	
3/4	2,216.87	3/4	1,850.11	3/4	1,483.34	3/4	1,116.72	3/4	752.01	3/4	389.47	3/4	69.72	3/4	3/4	3/4		3/4	
8	2,209.23	8	1,842.47	8	1,475.70	8	1,109.11	8	744.37	8	382.23	8	63.61	8	8	8		8	
1/4	2,201.59	1/4	1,834.82	1/4	1,468.06	1/4	1,101.50	1/4	736.73	1/4	375.09	1/4	58.06	1/4	1/4	1/4		1/4	
1/2	2,193.95	1/2	1,827.18	1/2	1,460.42	1/2	1,093.90	1/2	729.09	1/2	367.95	1/2	52.52	1/2	1/2	1/2		1/2	
3/4	2,186.31	3/4	1,819.54	3/4	1,452.77	3/4	1,086.29	3/4	721.45	3/4	360.81	3/4	46.97	3/4	3/4	3/4		3/4	
9	2,178.67	9	1,811.90	9	1,445.13	9	1,078.69	9	713.81	9	353.66	9	41.42	9	9	9		9	
1/4	2,171.03	1/4	1,804.26	1/4	1,437.49	1/4	1,071.09	1/4	706.16	1/4	346.61	1/4	36.94	1/4	1/4	1/4		1/4	
1/2	2,163.39	1/2	1,796.62	1/2	1,429.85	1/2	1,063.49	1/2	698.52	1/2	339.56	1/2	32.45	1/2	1/2	1/2		1/2	
3/4	2,155.75	3/4	1,788.98	3/4	1,422.21	3/4	1,055.89	3/4	690.88	3/4	332.51	3/4	27.97	3/4	3/4	3/4		3/4	
10	2,148.11	10	1,781.34	10	1,414.57	10	1,048.30	10	683.24	10	325.46	10	23.48	10	10	10		10	
1/4	2,140.46	1/4	1,773.70	1/4	1,406.93	1/4	1,040.70	1/4	675.60	1/4	318.50	1/4		1/4	1/4	1/4		1/4	
1/2	2,132.82	1/2	1,766.06	1/2	1,399.29	1/2	1,033.11	1/2	667.96	1/2	311.54	1/2		1/2	1/2	1/2		1/2	
3/4	2,125.18	3/4	1,758.41	3/4	1,391.65	3/4	1,025.51	3/4	660.32	3/4	304.58	3/4		3/4	3/4	3/4		3/4	
11	2,117.54	11	1,750.77	11	1,384.01	11	1,017.92	11	652.68	11	297.62	11		11	11	11		11	
1/4	2,109.90	1/4	1,743.13	1/4	1,376.36	1/4	1,010.33	1/4	645.04	1/4	290.75	1/4		1/4	1/4	1/4		1/4	
1/2	2,102.26	1/2	1,735.49	1/2	1,368.72	1/2	1,002.74	1/2	637.40	1/2	283.88	1/2		1/2	1/2	1/2		1/2	
3/4	2,094.62	3/4	1,727.85	3/4	1,361.08	3/4	995.15	3/4	629.76	3/4	277.01	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW  
RECALCULATED: 04/23/2019 SW  
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

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



# BARGE "KIRBY 29041"

## 1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

GAUGE HEIGHT 16'-10-1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,964.66	0	4,635.87	0	4,288.31	0	3,923.78	0	3,557.77	0	3,191.75	0	2,825.65
1/4		1/4		1/4		1/4	4,957.09	1/4	4,628.85	1/4	4,280.85	1/4	3,916.15	1/4	3,550.14	1/4	3,184.13	1/4	2,818.02
1/2		1/2		1/2		1/2	4,950.00	1/2	4,621.80	1/2	4,273.36	1/2	3,908.53	1/2	3,542.51	1/2	3,176.50	1/2	2,810.39
3/4		3/4		3/4		3/4	4,942.91	3/4	4,614.74	3/4	4,265.87	3/4	3,900.90	3/4	3,534.89	3/4	3,168.87	3/4	2,802.76
1		1		1		1	4,935.82	1	4,607.69	1	4,258.38	1	3,893.28	1	3,527.26	1	3,161.25	1	2,795.13
1/4		1/4		1/4		1/4	4,928.73	1/4	4,600.64	1/4	4,250.89	1/4	3,885.65	1/4	3,519.64	1/4	3,153.62	1/4	2,787.50
1/2		1/2		1/2		1/2	4,922.10	1/2	4,593.55	1/2	4,243.36	1/2	3,878.03	1/2	3,512.01	1/2	3,146.00	1/2	2,779.87
3/4		3/4		3/4		3/4	4,915.47	3/4	4,586.46	3/4	4,235.83	3/4	3,870.40	3/4	3,504.39	3/4	3,138.37	3/4	2,772.24
2		2		2		2	4,908.84	2	4,579.38	2	4,228.30	2	3,862.78	2	3,496.76	2	3,130.75	2	2,764.61
1/4		1/4		1/4		1/4	4,902.21	1/4	4,572.29	1/4	4,220.77	1/4	3,855.15	1/4	3,489.14	1/4	3,123.12	1/4	2,756.98
1/2		1/2		1/2		1/2	4,895.54	1/2	4,565.17	1/2	4,213.21	1/2	3,847.53	1/2	3,481.51	1/2	3,115.50	1/2	2,749.35
3/4		3/4		3/4		3/4	4,888.88	3/4	4,558.05	3/4	4,205.65	3/4	3,839.90	3/4	3,473.89	3/4	3,107.87	3/4	2,741.72
3		3		3		3	4,882.22	3	4,550.93	3	4,198.09	3	3,832.28	3	3,466.26	3	3,100.25	3	2,734.09
1/4		1/4		1/4		1/4	4,875.56	1/4	4,543.81	1/4	4,190.52	1/4	3,824.65	1/4	3,458.64	1/4	3,092.62	1/4	2,726.46
1/2		1/2		1/2		1/2	4,868.86	1/2	4,536.66	1/2	4,182.93	1/2	3,817.03	1/2	3,451.01	1/2	3,085.00	1/2	2,718.84
3/4		3/4		3/4		3/4	4,862.16	3/4	4,529.50	3/4	4,175.33	3/4	3,809.40	3/4	3,443.39	3/4	3,077.37	3/4	2,711.21
4		4		4		4	4,855.46	4	4,522.35	4	4,167.74	4	3,801.77	4	3,435.76	4	3,069.75	4	2,703.58
1/4		1/4		1/4		1/4	4,848.77	1/4	4,515.20	1/4	4,160.14	1/4	3,794.15	1/4	3,428.13	1/4	3,062.12	1/4	2,695.95
1/2		1/2		1/2		1/2	4,842.03	1/2	4,508.01	1/2	4,152.52	1/2	3,786.52	1/2	3,420.51	1/2	3,054.50	1/2	2,688.32
3/4		3/4		3/4		3/4	4,835.29	3/4	4,500.82	3/4	4,144.90	3/4	3,778.90	3/4	3,412.88	3/4	3,046.87	3/4	2,680.69
5		5		5		5	4,828.56	5	4,493.63	5	4,137.28	5	3,771.27	5	3,405.26	5	3,039.24	5	2,673.06
1/4		1/4		1/4		1/4	4,821.82	1/4	4,486.45	1/4	4,129.66	1/4	3,763.65	1/4	3,397.63	1/4	3,031.62	1/4	2,665.43
1/2		1/2		1/2		1/2	4,815.05	1/2	4,479.22	1/2	4,122.04	1/2	3,756.02	1/2	3,390.01	1/2	3,023.99	1/2	2,657.80
3/4		3/4		3/4		3/4	4,808.28	3/4	4,472.00	3/4	4,114.41	3/4	3,748.40	3/4	3,382.38	3/4	3,016.37	3/4	2,650.17
6		6		6		6	4,801.51	6	4,464.78	6	4,106.79	6	3,740.77	6	3,374.76	6	3,008.74	6	2,642.54
1/4		1/4		1/4		1/4	4,794.75	1/4	4,457.56	1/4	4,099.16	1/4	3,733.15	1/4	3,367.13	1/4	3,001.12	1/4	2,634.91
1/2		1/2		1/2		1/2	4,787.94	1/2	4,450.30	1/2	4,091.54	1/2	3,725.52	1/2	3,359.51	1/2	2,993.49	1/2	2,627.28
3/4		3/4		3/4		3/4	4,781.14	3/4	4,443.04	3/4	4,083.91	3/4	3,717.90	3/4	3,351.88	3/4	2,985.86	3/4	2,619.65
7		7		7		7	4,774.34	7	4,435.78	7	4,076.29	7	3,710.27	7	3,344.26	7	2,978.23	7	2,612.03
1/4		1/4		1/4		1/4	4,767.53	1/4	4,428.52	1/4	4,068.66	1/4	3,702.65	1/4	3,336.63	1/4	2,970.60	1/4	2,604.40
1/2		1/2		1/2		1/2	4,760.70	1/2	4,421.22	1/2	4,061.03	1/2	3,695.02	1/2	3,329.01	1/2	2,962.97	1/2	2,596.77
3/4		3/4		3/4		3/4	5,088.73	3/4	4,753.86	3/4	4,413.91	3/4	4,053.41	3/4	3,687.40	3/4	3,321.38	3/4	2,955.34
8		8		8		8	5,082.69	8	4,747.02	8	4,406.60	8	4,045.78	8	3,679.77	8	3,313.76	8	2,947.71
1/4		1/4		1/4		1/4	5,076.65	1/4	4,740.19	1/4	4,399.29	1/4	4,038.16	1/4	3,672.14	1/4	3,306.13	1/4	2,940.09
1/2		1/2		1/2		1/2	5,069.46	1/2	4,733.30	1/2	4,391.94	1/2	4,030.53	1/2	3,664.52	1/2	3,298.50	1/2	2,932.46
3/4		3/4		3/4		3/4	5,062.28	3/4	4,726.41	3/4	4,384.59	3/4	4,022.91	3/4	3,656.89	3/4	3,290.88	3/4	2,924.83
9		9		9		9	5,055.09	9	4,719.52	9	4,377.24	9	4,015.28	9	3,649.27	9	3,283.25	9	2,917.20
1/4		1/4		1/4		1/4	5,047.91	1/4	4,712.63	1/4	4,369.89	1/4	4,007.66	1/4	3,641.64	1/4	3,275.63	1/4	2,909.57
1/2		1/2		1/2		1/2	5,040.34	1/2	4,705.68	1/2	4,362.50	1/2	4,000.03	1/2	3,634.02	1/2	3,268.00	1/2	2,901.94
3/4		3/4		3/4		3/4	5,032.77	3/4	4,698.74	3/4	4,355.11	3/4	3,992.41	3/4	3,626.39	3/4	3,260.38	3/4	2,894.31
10		10		10		10	5,025.20	10	4,691.80	10	4,347.73	10	3,984.78	10	3,618.77	10	3,252.75	10	2,886.68
1/4		1/4		1/4		1/4	5,017.63	1/4	4,684.85	1/4	4,340.34	1/4	3,977.16	1/4	3,611.14	1/4	3,245.13	1/4	2,879.05
1/2		1/2		1/2		1/2	5,010.07	1/2	4,677.87	1/2	4,332.92	1/2	3,969.53	1/2	3,603.52	1/2	3,237.50	1/2	2,871.42
3/4		3/4		3/4		3/4	5,002.50	3/4	4,670.89	3/4	4,325.50	3/4	3,961.91	3/4	3,595.89	3/4	3,229.88	3/4	2,863.79
11		11		11		11	4,994.93	11	4,663.91	11	4,318.08	11	3,954.28	11	3,588.27	11	3,222.25	11	2,856.16
1/4		1/4		1/4		1/4	4,987.36	1/4	4,656.93	1/4	4,310.67	1/4	3,946.66	1/4	3,580.64	1/4	3,214.63	1/4	2,848.53
1/2		1/2		1/2		1/2	4,979.79	1/2	4,649.91	1/2	4,303.21	1/2	3,939.03	1/2	3,573.02	1/2	3,207.00	1/2	2,840.90
3/4		3/4		3/4		3/4	4,972.23	3/4	4,642.89	3/4	4,295.76	3/4	3,931.40	3/4	3,565.39	3/4	3,199.38	3/4	2,833.28

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'-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 29041"

## 1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

GAUGE HEIGHT 16'-10-1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,459.44	0	2,093.23	0	1,727.03	0	1,360.82	0	994.74	0	628.91	0	276.77	0		0		0	
1/4	2,451.81	1/4	2,085.60	1/4	1,719.40	1/4	1,353.19	1/4	987.12	1/4	621.28	1/4	269.91	1/4	1/4	1/4		1/4	
1/2	2,444.18	1/2	2,077.97	1/2	1,711.77	1/2	1,345.56	1/2	979.50	1/2	613.65	1/2	263.15	1/2	1/2	1/2		1/2	
3/4	2,436.55	3/4	2,070.35	3/4	1,704.14	3/4	1,337.93	3/4	971.89	3/4	606.02	3/4	256.38	3/4	3/4	3/4		3/4	
1	2,428.92	1	2,062.72	1	1,696.51	1	1,330.30	1	964.27	1	598.39	1	249.61	1	1	1		1	
1/4	2,421.29	1/4	2,055.09	1/4	1,688.88	1/4	1,322.67	1/4	956.66	1/4	590.76	1/4	242.84	1/4	1/4	1/4		1/4	
1/2	2,413.66	1/2	2,047.46	1/2	1,681.25	1/2	1,315.04	1/2	949.04	1/2	583.13	1/2	236.16	1/2	1/2	1/2		1/2	
3/4	2,406.03	3/4	2,039.83	3/4	1,673.62	3/4	1,307.42	3/4	941.43	3/4	575.51	3/4	229.49	3/4	3/4	3/4		3/4	
2	2,398.41	2	2,032.20	2	1,665.99	2	1,299.79	2	933.81	2	567.88	2	222.81	2	2	2		2	
1/4	2,390.78	1/4	2,024.57	1/4	1,658.36	1/4	1,292.16	1/4	926.20	1/4	560.26	1/4	216.13	1/4	1/4	1/4		1/4	
1/2	2,383.15	1/2	2,016.94	1/2	1,650.73	1/2	1,284.53	1/2	918.58	1/2	552.65	1/2	209.55	1/2	1/2	1/2		1/2	
3/4	2,375.52	3/4	2,009.31	3/4	1,643.10	3/4	1,276.90	3/4	910.96	3/4	545.04	3/4	202.96	3/4	3/4	3/4		3/4	
3	2,367.89	3	2,001.68	3	1,635.48	3	1,269.27	3	903.35	3	537.43	3	196.37	3	3	3		3	
1/4	2,360.26	1/4	1,994.05	1/4	1,627.85	1/4	1,261.64	1/4	895.73	1/4	529.82	1/4	189.79	1/4	1/4	1/4		1/4	
1/2	2,352.63	1/2	1,986.42	1/2	1,620.22	1/2	1,254.01	1/2	888.12	1/2	522.25	1/2	183.29	1/2	1/2	1/2		1/2	
3/4	2,345.00	3/4	1,978.79	3/4	1,612.59	3/4	1,246.38	3/4	880.50	3/4	514.68	3/4	176.79	3/4	3/4	3/4		3/4	
4	2,337.37	4	1,971.16	4	1,604.96	4	1,238.75	4	872.89	4	507.11	4	170.30	4	4	4		4	
1/4	2,329.74	1/4	1,963.53	1/4	1,597.33	1/4	1,231.12	1/4	865.27	1/4	499.54	1/4	163.80	1/4	1/4	1/4		1/4	
1/2	2,322.11	1/2	1,955.91	1/2	1,589.70	1/2	1,223.49	1/2	857.66	1/2	492.05	1/2	157.40	1/2	1/2	1/2		1/2	
3/4	2,314.48	3/4	1,948.28	3/4	1,582.07	3/4	1,215.86	3/4	850.04	3/4	484.56	3/4	150.99	3/4	3/4	3/4		3/4	
5	2,306.85	5	1,940.65	5	1,574.44	5	1,208.23	5	842.43	5	477.06	5	144.59	5	5	5		5	
1/4	2,299.22	1/4	1,933.02	1/4	1,566.81	1/4	1,200.60	1/4	834.81	1/4	469.57	1/4	138.18	1/4	1/4	1/4		1/4	
1/2	2,291.59	1/2	1,925.39	1/2	1,559.18	1/2	1,192.98	1/2	827.19	1/2	462.17	1/2	131.87	1/2	1/2	1/2		1/2	
3/4	2,283.97	3/4	1,917.76	3/4	1,551.55	3/4	1,185.35	3/4	819.58	3/4	454.76	3/4	125.55	3/4	3/4	3/4		3/4	
6	2,276.34	6	1,910.13	6	1,543.92	6	1,177.72	6	811.96	6	447.36	6	119.24	6	6	6		6	
1/4	2,268.71	1/4	1,902.50	1/4	1,536.29	1/4	1,170.09	1/4	804.35	1/4	439.96	1/4	112.93	1/4	1/4	1/4		1/4	
1/2	2,261.08	1/2	1,894.87	1/2	1,528.66	1/2	1,162.46	1/2	796.73	1/2	432.65	1/2	106.71	1/2	1/2	1/2		1/2	
3/4	2,253.45	3/4	1,887.24	3/4	1,521.04	3/4	1,154.83	3/4	789.10	3/4	425.34	3/4	100.49	3/4	3/4	3/4		3/4	
7	2,245.82	7	1,879.61	7	1,513.41	7	1,147.20	7	781.48	7	418.02	7	94.27	7	7	7		7	
1/4	2,238.19	1/4	1,871.98	1/4	1,505.78	1/4	1,139.57	1/4	773.86	1/4	410.71	1/4	88.05	1/4	1/4	1/4		1/4	
1/2	2,230.56	1/2	1,864.35	1/2	1,498.15	1/2	1,131.94	1/2	766.23	1/2	403.49	1/2	81.94	1/2	1/2	1/2		1/2	
3/4	2,222.93	3/4	1,856.72	3/4	1,490.52	3/4	1,124.31	3/4	758.60	3/4	396.27	3/4	75.84	3/4	3/4	3/4		3/4	
8	2,215.30	8	1,849.10	8	1,482.89	8	1,116.68	8	750.97	8	389.05	8	69.73	8	8	8		8	
1/4	2,207.67	1/4	1,841.47	1/4	1,475.26	1/4	1,109.05	1/4	743.34	1/4	381.83	1/4	63.62	1/4	1/4	1/4		1/4	
1/2	2,200.04	1/2	1,833.84	1/2	1,467.63	1/2	1,101.43	1/2	735.71	1/2	374.70	1/2	58.07	1/2	1/2	1/2		1/2	
3/4	2,192.41	3/4	1,826.21	3/4	1,460.00	3/4	1,093.80	3/4	728.08	3/4	367.57	3/4	52.52	3/4	3/4	3/4		3/4	
9	2,184.78	9	1,818.58	9	1,452.37	9	1,086.18	9	720.45	9	360.44	9	46.98	9	9	9		9	
1/4	2,177.16	1/4	1,810.95	1/4	1,444.74	1/4	1,078.55	1/4	712.83	1/4	353.30	1/4	41.43	1/4	1/4	1/4		1/4	
1/2	2,169.53	1/2	1,803.32	1/2	1,437.11	1/2	1,070.93	1/2	705.20	1/2	346.26	1/2	36.94	1/2	1/2	1/2		1/2	
3/4	2,161.90	3/4	1,795.69	3/4	1,429.48	3/4	1,063.30	3/4	697.57	3/4	339.22	3/4	32.46	3/4	3/4	3/4		3/4	
10	2,154.27	10	1,788.06	10	1,421.85	10	1,055.68	10	689.94	10	332.18	10	27.97	10	10	10		10	
1/4	2,146.64	1/4	1,780.43	1/4	1,414.23	1/4	1,048.06	1/4	682.31	1/4	325.14	1/4	23.49	1/4	1/4	1/4		1/4	
1/2	2,139.01	1/2	1,772.80	1/2	1,406.60	1/2	1,040.44	1/2	674.68	1/2	318.20	1/2		1/2	1/2	1/2		1/2	
3/4	2,131.38	3/4	1,765.17	3/4	1,398.97	3/4	1,032.82	3/4	667.05	3/4	311.25	3/4		3/4	3/4	3/4		3/4	
11	2,123.75	11	1,757.54	11	1,391.34	11	1,025.20	11	659.42	11	304.30	11		11	11	11		11	
1/4	2,116.12	1/4	1,749.91	1/4	1,383.71	1/4	1,017.58	1/4	651.79	1/4	297.35	1/4		1/4	1/4	1/4		1/4	
1/2	2,108.49	1/2	1,742.29	1/2	1,376.08	1/2	1,009.97	1/2	644.16	1/2	290.49	1/2		1/2	1/2	1/2		1/2	
3/4	2,100.86	3/4	1,734.66	3/4	1,368.45	3/4	1,002.35	3/4	636.53	3/4	283.63	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW  
RECALCULATED: 04/23/2019 SW  
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

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



# BARGE "KIRBY 29041"

## 2 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-9-1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

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		
							4,691.55		4,382.97		4,054.36		3,710.85		3,366.48		3,022.12		2,677.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,684.88	1/4	4,376.33	1/4	4,047.31	1/4	3,703.68	1/4	3,359.31	1/4	3,014.94	1/4	2,670.49		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,678.64	1/2	4,369.67	1/2	4,040.23	1/2	3,696.50	1/2	3,352.13	1/2	3,007.77	1/2	2,663.31		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,672.41	3/4	4,363.00	3/4	4,033.14	3/4	3,689.33	3/4	3,344.96	3/4	3,000.59	3/4	2,656.13		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,666.17</b>	<b>1</b>	<b>4,356.34</b>	<b>1</b>	<b>4,026.06</b>	<b>1</b>	<b>3,682.15</b>	<b>1</b>	<b>3,337.79</b>	<b>1</b>	<b>2,993.42</b>	<b>1</b>	<b>2,648.95</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,659.94	1/4	4,349.67	1/4	4,018.97	1/4	3,674.98	1/4	3,330.61	1/4	2,986.25	1/4	2,641.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,653.68	1/2	4,342.97	1/2	4,011.86	1/2	3,667.80	1/2	3,323.44	1/2	2,979.07	1/2	2,634.60		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,647.41	3/4	4,336.27	3/4	4,004.74	3/4	3,660.63	3/4	3,316.26	3/4	2,971.90	3/4	2,627.42		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,641.15</b>	<b>2</b>	<b>4,329.58</b>	<b>2</b>	<b>3,997.63</b>	<b>2</b>	<b>3,653.46</b>	<b>2</b>	<b>3,309.09</b>	<b>2</b>	<b>2,964.72</b>	<b>2</b>	<b>2,620.24</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,634.88	1/4	4,322.88	1/4	3,990.51	1/4	3,646.28	1/4	3,301.91	1/4	2,957.55	1/4	2,613.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,628.59	1/2	4,316.15	1/2	3,983.37	1/2	3,639.11	1/2	3,294.74	1/2	2,950.37	1/2	2,605.88		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,622.29	3/4	4,309.42	3/4	3,976.22	3/4	3,631.93	3/4	3,287.57	3/4	2,943.20	3/4	2,598.70		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4,615.99</b>	<b>3</b>	<b>4,302.69</b>	<b>3</b>	<b>3,969.07</b>	<b>3</b>	<b>3,624.76</b>	<b>3</b>	<b>3,280.39</b>	<b>3</b>	<b>2,936.03</b>	<b>3</b>	<b>2,591.53</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,609.69	1/4	4,295.96	1/4	3,961.93	1/4	3,617.58	1/4	3,273.22	1/4	2,928.85	1/4	2,584.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,603.36	1/2	4,289.20	1/2	3,954.76	1/2	3,610.41	1/2	3,266.04	1/2	2,921.68	1/2	2,577.17		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,597.03	3/4	4,282.44	3/4	3,947.59	3/4	3,603.24	3/4	3,258.87	3/4	2,914.50	3/4	2,569.99		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,590.69</b>	<b>4</b>	<b>4,275.68</b>	<b>4</b>	<b>3,940.42</b>	<b>4</b>	<b>3,596.06</b>	<b>4</b>	<b>3,251.69</b>	<b>4</b>	<b>2,907.33</b>	<b>4</b>	<b>2,562.81</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,584.36	1/4	4,268.92	1/4	3,933.25	1/4	3,588.89	1/4	3,244.52	1/4	2,900.15	1/4	2,555.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,577.99	1/2	4,262.13	1/2	3,926.08	1/2	3,581.71	1/2	3,237.35	1/2	2,892.98	1/2	2,548.45		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,571.63	3/4	4,255.33	3/4	3,918.90	3/4	3,574.54	3/4	3,230.17	3/4	2,885.81	3/4	2,541.28		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,565.26</b>	<b>5</b>	<b>4,248.54</b>	<b>5</b>	<b>3,911.73</b>	<b>5</b>	<b>3,567.36</b>	<b>5</b>	<b>3,223.00</b>	<b>5</b>	<b>2,878.63</b>	<b>5</b>	<b>2,534.10</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,558.90	1/4	4,241.75	1/4	3,904.56	1/4	3,560.19	1/4	3,215.82	1/4	2,871.46	1/4	2,526.92		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,552.50	1/2	4,234.92	1/2	3,897.38	1/2	3,553.02	1/2	3,208.65	1/2	2,864.28	1/2	2,519.74		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,546.10	3/4	4,228.09	3/4	3,890.21	3/4	3,545.84	3/4	3,201.47	3/4	2,857.11	3/4	2,512.56		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,539.71</b>	<b>6</b>	<b>4,221.26</b>	<b>6</b>	<b>3,883.03</b>	<b>6</b>	<b>3,538.67</b>	<b>6</b>	<b>3,194.30</b>	<b>6</b>	<b>2,849.94</b>	<b>6</b>	<b>2,505.38</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,533.31	1/4	4,214.43	1/4	3,875.86	1/4	3,531.49	1/4	3,187.13	1/4	2,842.77	1/4	2,498.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,526.88	1/2	4,207.56	1/2	3,868.68	1/2	3,524.32	1/2	3,179.95	1/2	2,835.59	1/2	2,491.03		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,835.35	3/4	4,520.45	3/4	4,200.68	3/4	3,861.51	3/4	3,517.14	3/4	3,172.78	3/4	2,828.41	3/4	2,483.85
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>4,829.67</b>	<b>7</b>	<b>4,514.02</b>	<b>7</b>	<b>4,193.81</b>	<b>7</b>	<b>3,854.34</b>	<b>7</b>	<b>3,509.97</b>	<b>7</b>	<b>3,165.60</b>	<b>7</b>	<b>2,821.23</b>	<b>7</b>	<b>2,476.67</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,823.99	1/4	4,507.60	1/4	4,186.93	1/4	3,847.16	1/4	3,502.80	1/4	3,158.43	1/4	2,814.06	1/4	2,469.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,817.23	1/2	4,501.12	1/2	4,180.02	1/2	3,839.99	1/2	3,495.62	1/2	3,151.25	1/2	2,806.88	1/2	2,462.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,810.47	3/4	4,494.64	3/4	4,173.10	3/4	3,832.81	3/4	3,488.45	3/4	3,144.08	3/4	2,799.70	3/4	2,455.14
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>4,803.71</b>	<b>8</b>	<b>4,488.16</b>	<b>8</b>	<b>4,166.18</b>	<b>8</b>	<b>3,825.64</b>	<b>8</b>	<b>3,481.27</b>	<b>8</b>	<b>3,136.91</b>	<b>8</b>	<b>2,792.52</b>	<b>8</b>	<b>2,447.96</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,796.95	1/4	4,481.68	1/4	4,159.27	1/4	3,818.46	1/4	3,474.10	1/4	3,129.73	1/4	2,785.34	1/4	2,440.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,789.84	1/2	4,475.15	1/2	4,152.32	1/2	3,811.29	1/2	3,466.92	1/2	3,122.56	1/2	2,778.16	1/2	2,433.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,782.72	3/4	4,468.61	3/4	4,145.37	3/4	3,804.12	3/4	3,459.75	3/4	3,115.38	3/4	2,770.99	3/4	2,426.42
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>4,775.60</b>	<b>9</b>	<b>4,462.08</b>	<b>9</b>	<b>4,138.42</b>	<b>9</b>	<b>3,796.94</b>	<b>9</b>	<b>3,452.58</b>	<b>9</b>	<b>3,108.21</b>	<b>9</b>	<b>2,763.81</b>	<b>9</b>	<b>2,419.24</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,768.48	1/4	4,455.55	1/4	4,131.47	1/4	3,789.77	1/4	3,445.40	1/4	3,101.03	1/4	2,756.63	1/4	2,412.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,761.37	1/2	4,448.98	1/2	4,124.49	1/2	3,782.59	1/2	3,438.23	1/2	3,093.86	1/2	2,749.45	1/2	2,404.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,754.25	3/4	4,442.42	3/4	4,117.51	3/4	3,775.42	3/4	3,431.05	3/4	3,086.69	3/4	2,742.27	3/4	2,397.71
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>4,747.13</b>	<b>10</b>	<b>4,435.85</b>	<b>10</b>	<b>4,110.53</b>	<b>10</b>	<b>3,768.24</b>	<b>10</b>	<b>3,423.88</b>	<b>10</b>	<b>3,079.51</b>	<b>10</b>	<b>2,735.09</b>	<b>10</b>	<b>2,390.53</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,740.02	1/4	4,429.28	1/4	4,103.55	1/4	3,761.07	1/4	3,416.70	1/4	3,072.34	1/4	2,727.91	1/4	2,383.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,732.90	1/2	4,422.68	1/2	4,096.54	1/2	3,753.90	1/2	3,409.53	1/2	3,065.16	1/2	2,720.74	1/2	2,376.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,725.78	3/4	4,416.08	3/4	4,089.52	3/4	3,746.72	3/4	3,402.36	3/4	3,057.99	3/4	2,713.56	3/4	2,368.99
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>4,718.67</b>	<b>11</b>	<b>4,409.47</b>	<b>11</b>	<b>4,082.51</b>	<b>11</b>	<b>3,739.55</b>	<b>11</b>	<b>3,395.18</b>	<b>11</b>	<b>3,050.81</b>	<b>11</b>	<b>2,706.38</b>	<b>11</b>	<b>2,361.82</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,711.55	1/4	4,402.87	1/4	4,075.50	1/4	3,732.37	1/4	3,388.01	1/4	3,043.64	1/4	2,699.20	1/4	2,354.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,704.88	1/2	4,396.24	1/2	4,068.45	1/2	3,725.20	1/2	3,380.83	1/2	3,036.47	1/2	2,692.02	1/2	2,347.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,698.21	3/4	4,389.60	3/4	4,061.40	3/4	3,718.02	3/4	3,373.66	3/4	3,029.29	3/4	2,684.84	3/4	2,340.28

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 29041"

## 2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

GAUGE HEIGHT 16'-9-1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,333.10	0	1,988.54	0	1,643.98	0	1,299.41	0	962.23	0	624.67	0	280.12	0		0		0	
1/4	2,325.92	1/4	1,981.36	1/4	1,636.80	1/4	1,292.23	1/4	955.36	1/4	617.50	1/4	272.95	1/4	1/4	1/4		1/4	
1/2	2,318.75	1/2	1,974.18	1/2	1,629.62	1/2	1,285.06	1/2	948.48	1/2	610.32	1/2	265.77	1/2	1/2	1/2		1/2	
3/4	2,311.57	3/4	1,967.00	3/4	1,622.44	3/4	1,277.88	3/4	941.61	3/4	603.14	3/4	258.59	3/4	3/4	3/4		3/4	
1	2,304.39	1	1,959.83	1	1,615.26	1	1,270.70	1	934.73	1	595.96	1	251.41	1	1	1		1	
1/4	2,297.21	1/4	1,952.65	1/4	1,608.08	1/4	1,263.52	1/4	927.86	1/4	588.78	1/4	244.23	1/4	1/4	1/4		1/4	
1/2	2,290.03	1/2	1,945.47	1/2	1,600.91	1/2	1,256.34	1/2	920.99	1/2	581.61	1/2	237.06	1/2	1/2	1/2		1/2	
3/4	2,282.85	3/4	1,938.29	3/4	1,593.73	3/4	1,249.16	3/4	914.11	3/4	574.43	3/4	229.88	3/4	3/4	3/4		3/4	
2	2,275.68	2	1,931.11	2	1,586.55	2	1,241.99	2	907.24	2	567.25	2	222.70	2	2	2		2	
1/4	2,268.50	1/4	1,923.93	1/4	1,579.37	1/4	1,234.81	1/4	900.36	1/4	560.07	1/4	215.52	1/4	1/4	1/4		1/4	
1/2	2,261.32	1/2	1,916.76	1/2	1,572.19	1/2	1,227.63	1/2	893.49	1/2	552.89	1/2	208.34	1/2	1/2	1/2		1/2	
3/4	2,254.14	3/4	1,909.58	3/4	1,565.01	3/4	1,220.45	3/4	886.62	3/4	545.71	3/4	201.17	3/4	3/4	3/4		3/4	
3	2,246.96	3	1,902.40	3	1,557.84	3	1,213.27	3	879.74	3	538.54	3	193.99	3	3	3		3	
1/4	2,239.78	1/4	1,895.22	1/4	1,550.66	1/4	1,206.09	1/4	872.87	1/4	531.36	1/4	186.81	1/4	1/4	1/4		1/4	
1/2	2,232.61	1/2	1,888.04	1/2	1,543.48	1/2	1,198.92	1/2	865.99	1/2	524.18	1/2	179.63	1/2	1/2	1/2		1/2	
3/4	2,225.43	3/4	1,880.86	3/4	1,536.30	3/4	1,191.74	3/4	859.12	3/4	517.00	3/4	172.45	3/4	3/4	3/4		3/4	
4	2,218.25	4	1,873.69	4	1,529.12	4	1,184.56	4	852.24	4	509.82	4	165.28	4	4	4		4	
1/4	2,211.07	1/4	1,866.51	1/4	1,521.94	1/4	1,177.38	1/4	845.37	1/4	502.65	1/4	158.10	1/4	1/4	1/4		1/4	
1/2	2,203.89	1/2	1,859.33	1/2	1,514.77	1/2	1,170.20	1/2	838.50	1/2	495.47	1/2	150.92	1/2	1/2	1/2		1/2	
3/4	2,196.71	3/4	1,852.15	3/4	1,507.59	3/4	1,163.02	3/4	831.62	3/4	488.29	3/4	143.74	3/4	3/4	3/4		3/4	
5	2,189.53	5	1,844.97	5	1,500.41	5	1,155.85	5	824.75	5	481.11	5	136.56	5	5	5		5	
1/4	2,182.36	1/4	1,837.79	1/4	1,493.23	1/4	1,148.67	1/4	817.87	1/4	473.93	1/4	129.39	1/4	1/4	1/4		1/4	
1/2	2,175.18	1/2	1,830.61	1/2	1,486.05	1/2	1,141.63	1/2	810.85	1/2	466.76	1/2	122.21	1/2	1/2	1/2		1/2	
3/4	2,168.00	3/4	1,823.44	3/4	1,478.87	3/4	1,134.59	3/4	803.82	3/4	459.58	3/4	115.04	3/4	3/4	3/4		3/4	
6	2,160.82	6	1,816.26	6	1,471.69	6	1,127.56	6	796.80	6	452.40	6	107.87	6	6	6		6	
1/4	2,153.64	1/4	1,809.08	1/4	1,464.52	1/4	1,120.52	1/4	789.77	1/4	445.22	1/4	100.70	1/4	1/4	1/4		1/4	
1/2	2,146.46	1/2	1,801.90	1/2	1,457.34	1/2	1,113.62	1/2	782.59	1/2	438.04	1/2	93.54	1/2	1/2	1/2		1/2	
3/4	2,139.29	3/4	1,794.72	3/4	1,450.16	3/4	1,106.73	3/4	775.41	3/4	430.87	3/4	86.39	3/4	3/4	3/4		3/4	
7	2,132.11	7	1,787.54	7	1,442.98	7	1,099.83	7	768.24	7	423.69	7	79.23	7	7	7		7	
1/4	2,124.93	1/4	1,780.37	1/4	1,435.80	1/4	1,092.94	1/4	761.06	1/4	416.51	1/4	72.08	1/4	1/4	1/4		1/4	
1/2	2,117.75	1/2	1,773.19	1/2	1,428.62	1/2	1,086.05	1/2	753.88	1/2	409.33	1/2	65.36	1/2	1/2	1/2		1/2	
3/4	2,110.57	3/4	1,766.01	3/4	1,421.45	3/4	1,079.16	3/4	746.70	3/4	402.15	3/4	58.65	3/4	3/4	3/4		3/4	
8	2,103.39	8	1,758.83	8	1,414.27	8	1,072.27	8	739.52	8	394.97	8	51.94	8	8	8		8	
1/4	2,096.22	1/4	1,751.65	1/4	1,407.09	1/4	1,065.38	1/4	732.35	1/4	387.80	1/4	45.23	1/4	1/4	1/4		1/4	
1/2	2,089.04	1/2	1,744.47	1/2	1,399.91	1/2	1,058.50	1/2	725.17	1/2	380.62	1/2	39.85	1/2	1/2	1/2		1/2	
3/4	2,081.86	3/4	1,737.30	3/4	1,392.73	3/4	1,051.62	3/4	717.99	3/4	373.44	3/4	34.46	3/4	3/4	3/4		3/4	
9	2,074.68	9	1,730.12	9	1,385.55	9	1,044.74	9	710.81	9	366.26	9	29.08	9	9	9		9	
1/4	2,067.50	1/4	1,722.94	1/4	1,378.38	1/4	1,037.86	1/4	703.63	1/4	359.08	1/4	23.70	1/4	1/4	1/4		1/4	
1/2	2,060.32	1/2	1,715.76	1/2	1,371.20	1/2	1,030.98	1/2	696.45	1/2	351.91	1/2		1/2	1/2	1/2		1/2	
3/4	2,053.15	3/4	1,708.58	3/4	1,364.02	3/4	1,024.10	3/4	689.28	3/4	344.73	3/4		3/4	3/4	3/4		3/4	
10	2,045.97	10	1,701.40	10	1,356.84	10	1,017.23	10	682.10	10	337.55	10		10	10	10		10	
1/4	2,038.79	1/4	1,694.23	1/4	1,349.66	1/4	1,010.35	1/4	674.92	1/4	330.37	1/4		1/4	1/4	1/4		1/4	
1/2	2,031.61	1/2	1,687.05	1/2	1,342.48	1/2	1,003.47	1/2	667.74	1/2	323.19	1/2		1/2	1/2	1/2		1/2	
3/4	2,024.43	3/4	1,679.87	3/4	1,335.31	3/4	996.60	3/4	660.56	3/4	316.02	3/4		3/4	3/4	3/4		3/4	
11	2,017.25	11	1,672.69	11	1,328.13	11	989.73	11	653.39	11	308.84	11		11	11	11		11	
1/4	2,010.07	1/4	1,665.51	1/4	1,320.95	1/4	982.85	1/4	646.21	1/4	301.66	1/4		1/4	1/4	1/4		1/4	
1/2	2,002.90	1/2	1,658.33	1/2	1,313.77	1/2	975.98	1/2	639.03	1/2	294.48	1/2		1/2	1/2	1/2		1/2	
3/4	1,995.72	3/4	1,651.15	3/4	1,306.59	3/4	969.10	3/4	631.85	3/4	287.30	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW  
RECALCULATED: 04/23/2019 SW  
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

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





# BARGE "KIRBY 29041"

## 2 STBD

### ULLAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

GAUGE HEIGHT 16'-10-1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,732.58	0	4,423.38	0	4,096.42	0	3,753.46	0	3,409.09	0	3,064.72	0	2,720.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,725.46	1/4	4,416.78	1/4	4,089.41	1/4	3,746.28	1/4	3,401.92	1/4	3,057.55	1/4	2,713.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,718.79	1/2	4,410.15	1/2	4,082.36	1/2	3,739.11	1/2	3,394.74	1/2	3,050.38	1/2	2,705.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,712.12	3/4	4,403.51	3/4	4,075.31	3/4	3,731.93	3/4	3,387.57	3/4	3,043.20	3/4	2,698.75
1	1	1	1	1	1	1	4,705.46	1	4,396.88	1	4,068.27	1	3,724.76	1	3,380.39	1	3,036.03	1	2,691.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,698.79	1/4	4,390.24	1/4	4,061.22	1/4	3,717.59	1/4	3,373.22	1/4	3,028.85	1/4	2,684.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,692.55	1/2	4,383.58	1/2	4,054.13	1/2	3,710.41	1/2	3,366.04	1/2	3,021.68	1/2	2,677.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,686.32	3/4	4,376.91	3/4	4,047.05	3/4	3,703.24	3/4	3,358.87	3/4	3,014.50	3/4	2,670.04
2	2	2	2	2	2	2	4,680.08	2	4,370.25	2	4,039.97	2	3,696.06	2	3,351.70	2	3,007.33	2	2,662.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,673.85	1/4	4,363.58	1/4	4,032.88	1/4	3,688.89	1/4	3,344.52	1/4	3,000.16	1/4	2,655.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,667.59	1/2	4,356.88	1/2	4,025.77	1/2	3,681.71	1/2	3,337.35	1/2	2,992.98	1/2	2,648.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,661.32	3/4	4,350.18	3/4	4,018.65	3/4	3,674.54	3/4	3,330.17	3/4	2,985.81	3/4	2,641.33
3	3	3	3	3	3	3	4,655.06	3	4,343.49	3	4,011.54	3	3,667.37	3	3,323.00	3	2,978.63	3	2,634.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,648.79	1/4	4,336.79	1/4	4,004.42	1/4	3,660.19	1/4	3,315.82	1/4	2,971.46	1/4	2,626.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,642.50	1/2	4,330.06	1/2	3,997.28	1/2	3,653.02	1/2	3,308.65	1/2	2,964.28	1/2	2,619.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,636.20	3/4	4,323.33	3/4	3,990.13	3/4	3,645.84	3/4	3,301.48	3/4	2,957.11	3/4	2,612.61
4	4	4	4	4	4	4	4,629.90	4	4,316.60	4	3,982.98	4	3,638.67	4	3,294.30	4	2,949.94	4	2,605.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,623.60	1/4	4,309.87	1/4	3,975.84	1/4	3,631.49	1/4	3,287.13	1/4	2,942.76	1/4	2,598.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,617.27	1/2	4,303.11	1/2	3,968.67	1/2	3,624.32	1/2	3,279.95	1/2	2,935.59	1/2	2,591.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,610.93	3/4	4,296.35	3/4	3,961.50	3/4	3,617.15	3/4	3,272.78	3/4	2,928.41	3/4	2,583.90
5	5	5	5	5	5	5	4,604.60	5	4,289.59	5	3,954.33	5	3,609.97	5	3,265.60	5	2,921.24	5	2,576.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,598.27	1/4	4,282.83	1/4	3,947.16	1/4	3,602.80	1/4	3,258.43	1/4	2,914.06	1/4	2,569.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,591.90	1/2	4,276.04	1/2	3,939.99	1/2	3,595.62	1/2	3,251.26	1/2	2,906.89	1/2	2,562.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,585.54	3/4	4,269.24	3/4	3,932.81	3/4	3,588.45	3/4	3,244.08	3/4	2,899.71	3/4	2,555.19
6	6	6	6	6	6	6	4,579.17	6	4,262.45	6	3,925.64	6	3,581.27	6	3,236.91	6	2,892.54	6	2,548.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,572.81	1/4	4,255.66	1/4	3,918.47	1/4	3,574.10	1/4	3,229.73	1/4	2,885.37	1/4	2,540.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,566.41	1/2	4,248.83	1/2	3,911.29	1/2	3,566.92	1/2	3,222.56	1/2	2,878.19	1/2	2,533.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,560.01	3/4	4,242.00	3/4	3,904.12	3/4	3,559.75	3/4	3,215.38	3/4	2,871.02	3/4	2,526.47
7	7	7	7	7	7	7	4,553.62	7	4,235.17	7	3,896.94	7	3,552.58	7	3,208.21	7	2,863.85	7	2,519.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,547.22	1/4	4,228.34	1/4	3,889.77	1/4	3,545.40	1/4	3,201.04	1/4	2,856.68	1/4	2,512.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,540.79	1/2	4,221.47	1/2	3,882.59	1/2	3,538.23	1/2	3,193.86	1/2	2,849.50	1/2	2,504.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,849.26	3/4	4,534.36	3/4	4,214.59	3/4	3,875.42	3/4	3,531.05	3/4	3,186.69	3/4	2,497.76
8	8	8	8	8	8	8	4,843.58	8	4,527.93	8	4,207.72	8	3,868.25	8	3,523.88	8	3,179.51	8	2,490.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,837.90	1/4	4,521.51	1/4	4,200.84	1/4	3,861.07	1/4	3,516.70	1/4	3,172.34	1/4	2,483.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,831.14	1/2	4,515.03	1/2	4,193.93	1/2	3,853.90	1/2	3,509.53	1/2	3,165.16	1/2	2,476.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,824.38	3/4	4,508.55	3/4	4,187.01	3/4	3,846.72	3/4	3,502.36	3/4	3,157.99	3/4	2,469.05
9	9	9	9	9	9	9	4,817.62	9	4,502.07	9	4,180.09	9	3,839.55	9	3,495.18	9	3,150.82	9	2,461.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,810.86	1/4	4,495.59	1/4	4,173.18	1/4	3,832.37	1/4	3,488.01	1/4	3,143.64	1/4	2,454.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,803.75	1/2	4,489.06	1/2	4,166.23	1/2	3,825.20	1/2	3,480.83	1/2	3,136.47	1/2	2,447.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,796.63	3/4	4,482.52	3/4	4,159.28	3/4	3,818.03	3/4	3,473.66	3/4	3,129.29	3/4	2,440.33
10	10	10	10	10	10	10	4,789.51	10	4,475.99	10	4,152.33	10	3,810.85	10	3,466.48	10	3,122.12	10	2,433.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,782.39	1/4	4,469.46	1/4	4,145.38	1/4	3,803.68	1/4	3,459.31	1/4	3,114.94	1/4	2,425.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,775.28	1/2	4,462.89	1/2	4,138.40	1/2	3,796.50	1/2	3,452.14	1/2	3,107.77	1/2	2,418.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,768.16	3/4	4,456.33	3/4	4,131.42	3/4	3,789.33	3/4	3,444.96	3/4	3,100.60	3/4	2,411.62
11	11	11	11	11	11	11	4,761.04	11	4,449.76	11	4,124.44	11	3,782.15	11	3,437.79	11	3,093.42	11	2,404.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,753.93	1/4	4,443.19	1/4	4,117.46	1/4	3,774.98	1/4	3,430.61	1/4	3,086.25	1/4	2,397.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,746.81	1/2	4,436.59	1/2	4,110.45	1/2	3,767.81	1/2	3,423.44	1/2	3,079.07	1/2	2,390.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,739.69	3/4	4,429.99	3/4	4,103.43	3/4	3,760.63	3/4	3,416.26	3/4	3,071.90	3/4	2,382.91

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 44'-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 29041"

## 2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

GAUGE HEIGHT 16'-10-1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,375.73	0	2,031.16	0	1,686.60	0	1,342.04	0	997.59	0	653.38	0	308.83	0		0		0	
1/4	2,368.55	1/4	2,023.99	1/4	1,679.42	1/4	1,334.86	1/4	990.42	1/4	646.20	1/4	301.65	1/4	1/4	1/4		1/4	
1/2	2,361.37	1/2	2,016.81	1/2	1,672.24	1/2	1,327.68	1/2	983.26	1/2	639.02	1/2	294.48	1/2	1/2	1/2		1/2	
3/4	2,354.19	3/4	2,009.63	3/4	1,665.07	3/4	1,320.50	3/4	976.09	3/4	631.85	3/4	287.30	3/4	3/4	3/4		3/4	
1	2,347.01	1	2,002.45	1	1,657.89	1	1,313.32	1	968.92	1	624.67	1	280.12	1	1	1		1	
1/4	2,339.83	1/4	1,995.27	1/4	1,650.71	1/4	1,306.15	1/4	961.76	1/4	617.49	1/4	272.94	1/4	1/4	1/4		1/4	
1/2	2,332.66	1/2	1,988.09	1/2	1,643.53	1/2	1,298.97	1/2	954.59	1/2	610.31	1/2	265.76	1/2	1/2	1/2		1/2	
3/4	2,325.48	3/4	1,980.91	3/4	1,636.35	3/4	1,291.79	3/4	947.43	3/4	603.13	3/4	258.58	3/4	3/4	3/4		3/4	
2	2,318.30	2	1,973.74	2	1,629.17	2	1,284.61	2	940.26	2	595.96	2	251.41	2	2	2		2	
1/4	2,311.12	1/4	1,966.56	1/4	1,621.99	1/4	1,277.43	1/4	933.10	1/4	588.78	1/4	244.23	1/4	1/4	1/4		1/4	
1/2	2,303.94	1/2	1,959.38	1/2	1,614.82	1/2	1,270.25	1/2	925.93	1/2	581.60	1/2	237.05	1/2	1/2	1/2		1/2	
3/4	2,296.76	3/4	1,952.20	3/4	1,607.64	3/4	1,263.07	3/4	918.77	3/4	574.42	3/4	229.87	3/4	3/4	3/4		3/4	
3	2,289.59	3	1,945.02	3	1,600.46	3	1,255.90	3	911.60	3	567.24	3	222.69	3	3	3		3	
1/4	2,282.41	1/4	1,937.84	1/4	1,593.28	1/4	1,248.72	1/4	904.44	1/4	560.06	1/4	215.52	1/4	1/4	1/4		1/4	
1/2	2,275.23	1/2	1,930.67	1/2	1,586.10	1/2	1,241.54	1/2	897.27	1/2	552.89	1/2	208.34	1/2	1/2	1/2		1/2	
3/4	2,268.05	3/4	1,923.49	3/4	1,578.92	3/4	1,234.36	3/4	890.10	3/4	545.71	3/4	201.16	3/4	3/4	3/4		3/4	
4	2,260.87	4	1,916.31	4	1,571.75	4	1,227.18	4	882.94	4	538.53	4	193.98	4	4	4		4	
1/4	2,253.69	1/4	1,909.13	1/4	1,564.57	1/4	1,220.00	1/4	875.77	1/4	531.35	1/4	186.80	1/4	1/4	1/4		1/4	
1/2	2,246.52	1/2	1,901.95	1/2	1,557.39	1/2	1,212.83	1/2	868.61	1/2	524.17	1/2	179.63	1/2	1/2	1/2		1/2	
3/4	2,239.34	3/4	1,894.77	3/4	1,550.21	3/4	1,205.65	3/4	861.44	3/4	517.00	3/4	172.45	3/4	3/4	3/4		3/4	
5	2,232.16	5	1,887.60	5	1,543.03	5	1,198.47	5	854.28	5	509.82	5	165.27	5	5	5		5	
1/4	2,224.98	1/4	1,880.42	1/4	1,535.85	1/4	1,191.29	1/4	847.11	1/4	502.64	1/4	158.09	1/4	1/4	1/4		1/4	
1/2	2,217.80	1/2	1,873.24	1/2	1,528.68	1/2	1,184.11	1/2	839.95	1/2	495.46	1/2	150.91	1/2	1/2	1/2		1/2	
3/4	2,210.62	3/4	1,866.06	3/4	1,521.50	3/4	1,176.93	3/4	832.78	3/4	488.28	3/4	143.74	3/4	3/4	3/4		3/4	
6	2,203.45	6	1,858.88	6	1,514.32	6	1,169.76	6	825.62	6	481.11	6	136.56	6	6	6		6	
1/4	2,196.27	1/4	1,851.70	1/4	1,507.14	1/4	1,162.58	1/4	818.45	1/4	473.93	1/4	129.38	1/4	1/4	1/4		1/4	
1/2	2,189.09	1/2	1,844.53	1/2	1,499.96	1/2	1,155.40	1/2	811.28	1/2	466.75	1/2	122.21	1/2	1/2	1/2		1/2	
3/4	2,181.91	3/4	1,837.35	3/4	1,492.78	3/4	1,148.22	3/4	804.11	3/4	459.57	3/4	115.04	3/4	3/4	3/4		3/4	
7	2,174.73	7	1,830.17	7	1,485.61	7	1,141.04	7	796.94	7	452.39	7	107.86	7	7	7		7	
1/4	2,167.55	1/4	1,822.99	1/4	1,478.43	1/4	1,133.86	1/4	789.76	1/4	445.22	1/4	100.69	1/4	1/4	1/4		1/4	
1/2	2,160.37	1/2	1,815.81	1/2	1,471.25	1/2	1,126.69	1/2	782.59	1/2	438.04	1/2	93.54	1/2	1/2	1/2		1/2	
3/4	2,153.20	3/4	1,808.63	3/4	1,464.07	3/4	1,119.51	3/4	775.41	3/4	430.86	3/4	86.38	3/4	3/4	3/4		3/4	
8	2,146.02	8	1,801.45	8	1,456.89	8	1,112.33	8	768.23	8	423.68	8	79.23	8	8	8		8	
1/4	2,138.84	1/4	1,794.28	1/4	1,449.71	1/4	1,105.15	1/4	761.05	1/4	416.50	1/4	72.07	1/4	1/4	1/4		1/4	
1/2	2,131.66	1/2	1,787.10	1/2	1,442.53	1/2	1,097.97	1/2	753.87	1/2	409.32	1/2	65.36	1/2	1/2	1/2		1/2	
3/4	2,124.48	3/4	1,779.92	3/4	1,435.36	3/4	1,090.80	3/4	746.70	3/4	402.15	3/4	58.65	3/4	3/4	3/4		3/4	
9	2,117.30	9	1,772.74	9	1,428.18	9	1,083.62	9	739.52	9	394.97	9	51.94	9	9	9		9	
1/4	2,110.13	1/4	1,765.56	1/4	1,421.00	1/4	1,076.45	1/4	732.34	1/4	387.79	1/4	45.22	1/4	1/4	1/4		1/4	
1/2	2,102.95	1/2	1,758.38	1/2	1,413.82	1/2	1,069.28	1/2	725.16	1/2	380.61	1/2	39.84	1/2	1/2	1/2		1/2	
3/4	2,095.77	3/4	1,751.21	3/4	1,406.64	3/4	1,062.10	3/4	717.98	3/4	373.43	3/4	34.46	3/4	3/4	3/4		3/4	
10	2,088.59	10	1,744.03	10	1,399.46	10	1,054.93	10	710.80	10	366.26	10	29.08	10	10	10		10	
1/4	2,081.41	1/4	1,736.85	1/4	1,392.29	1/4	1,047.76	1/4	703.63	1/4	359.08	1/4	23.69	1/4	1/4	1/4		1/4	
1/2	2,074.23	1/2	1,729.67	1/2	1,385.11	1/2	1,040.59	1/2	696.45	1/2	351.90	1/2		1/2	1/2	1/2		1/2	
3/4	2,067.06	3/4	1,722.49	3/4	1,377.93	3/4	1,033.42	3/4	689.27	3/4	344.72	3/4		3/4	3/4	3/4		3/4	
11	2,059.88	11	1,715.31	11	1,370.75	11	1,026.25	11	682.09	11	337.54	11		11	11	11		11	
1/4	2,052.70	1/4	1,708.14	1/4	1,363.57	1/4	1,019.08	1/4	674.91	1/4	330.37	1/4		1/4	1/4	1/4		1/4	
1/2	2,045.52	1/2	1,700.96	1/2	1,356.39	1/2	1,011.92	1/2	667.74	1/2	323.19	1/2		1/2	1/2	1/2		1/2	
3/4	2,038.34	3/4	1,693.78	3/4	1,349.22	3/4	1,004.75	3/4	660.56	3/4	316.01	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW  
RECALCULATED: 04/23/2019 SW  
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

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



# BARGE "KIRBY 29041"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

GAUGE HEIGHT 16'-8-3/4"

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
							4,540.57		4,314.51		4,073.57		3,822.22		3,540.25		3,177.37		2,813.82		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,536.01	1/4	4,309.63	1/4	4,068.39	1/4	3,816.97	1/4	3,532.70	1/4	3,169.80	1/4	2,806.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,531.44	1/2	4,304.76	1/2	4,063.21	1/2	3,811.73	1/2	3,525.15	1/2	3,162.23	1/2	2,798.67		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,526.88	3/4	4,299.88	3/4	4,058.03	3/4	3,806.48	3/4	3,517.60	3/4	3,154.66	3/4	2,791.10		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,522.30</b>	<b>1</b>	<b>4,294.98</b>	<b>1</b>	<b>4,052.82</b>	<b>1</b>	<b>3,801.23</b>	<b>1</b>	<b>3,510.04</b>	<b>1</b>	<b>3,147.08</b>	<b>1</b>	<b>2,783.52</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,517.72	1/4	4,290.08	1/4	4,047.62	1/4	3,795.99	1/4	3,502.49	1/4	3,139.51	1/4	2,775.95		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,513.13	1/2	4,285.19	1/2	4,042.42	1/2	3,790.74	1/2	3,494.94	1/2	3,131.94	1/2	2,768.37		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,508.55	3/4	4,280.29	3/4	4,037.22	3/4	3,785.49	3/4	3,487.39	3/4	3,124.37	3/4	2,760.80		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,503.94</b>	<b>2</b>	<b>4,275.36</b>	<b>2</b>	<b>4,031.99</b>	<b>2</b>	<b>3,780.25</b>	<b>2</b>	<b>3,479.84</b>	<b>2</b>	<b>3,116.79</b>	<b>2</b>	<b>2,753.22</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,499.33	1/4	4,270.44	1/4	4,026.76	1/4	3,775.00	1/4	3,472.29	1/4	3,109.22	1/4	2,745.65		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,494.72	1/2	4,265.52	1/2	4,021.54	1/2	3,769.75	1/2	3,464.73	1/2	3,101.65	1/2	2,738.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,490.11	3/4	4,260.60	3/4	4,016.31	3/4	3,764.51	3/4	3,457.18	3/4	3,094.08	3/4	2,730.50		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4,485.48</b>	<b>3</b>	<b>4,255.65</b>	<b>3</b>	<b>4,011.07</b>	<b>3</b>	<b>3,759.26</b>	<b>3</b>	<b>3,449.63</b>	<b>3</b>	<b>3,086.50</b>	<b>3</b>	<b>2,722.92</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,480.84	1/4	4,250.71	1/4	4,005.83	1/4	3,754.02	1/4	3,442.08	1/4	3,078.93	1/4	2,715.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,476.21	1/2	4,245.76	1/2	4,000.59	1/2	3,748.77	1/2	3,434.53	1/2	3,071.36	1/2	2,707.77		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,471.58	3/4	4,240.82	3/4	3,995.35	3/4	3,743.52	3/4	3,426.97	3/4	3,063.79	3/4	2,700.20		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,466.92</b>	<b>4</b>	<b>4,235.85</b>	<b>4</b>	<b>3,990.10</b>	<b>4</b>	<b>3,738.28</b>	<b>4</b>	<b>3,419.42</b>	<b>4</b>	<b>3,056.21</b>	<b>4</b>	<b>2,692.62</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,462.26	1/4	4,230.88	1/4	3,984.85	1/4	3,733.03	1/4	3,411.87	1/4	3,048.64	1/4	2,685.04		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,457.60	1/2	4,225.91	1/2	3,979.61	1/2	3,727.78	1/2	3,404.32	1/2	3,041.07	1/2	2,677.47		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,452.94	3/4	4,220.94	3/4	3,974.36	3/4	3,722.54	3/4	3,396.77	3/4	3,033.50	3/4	2,669.89		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,448.26</b>	<b>5</b>	<b>4,215.95</b>	<b>5</b>	<b>3,969.11</b>	<b>5</b>	<b>3,717.29</b>	<b>5</b>	<b>3,389.22</b>	<b>5</b>	<b>3,025.92</b>	<b>5</b>	<b>2,662.32</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,443.58	1/4	4,210.95	1/4	3,963.87	1/4	3,712.05	1/4	3,381.66	1/4	3,018.35	1/4	2,654.74		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,438.90	1/2	4,205.96	1/2	3,958.62	1/2	3,706.80	1/2	3,374.11	1/2	3,010.78	1/2	2,647.16		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,434.22	3/4	4,200.96	3/4	3,953.38	3/4	3,701.55	3/4	3,366.56	3/4	3,003.20	3/4	2,639.58		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,429.52</b>	<b>6</b>	<b>4,195.93</b>	<b>6</b>	<b>3,948.13</b>	<b>6</b>	<b>3,696.31</b>	<b>6</b>	<b>3,359.01</b>	<b>6</b>	<b>2,995.63</b>	<b>6</b>	<b>2,632.00</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,653.81	1/4	4,424.81	1/4	4,190.91	1/4	3,942.88	1/4	3,691.06	1/4	3,351.46	1/4	2,988.05	1/4	2,624.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,650.12	1/2	4,420.11	1/2	4,185.88	1/2	3,937.64	1/2	3,685.81	1/2	3,343.90	1/2	2,980.48	1/2	2,616.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,646.44	3/4	4,415.41	3/4	4,180.85	3/4	3,932.39	3/4	3,680.57	3/4	3,336.35	3/4	2,972.90	3/4	2,609.25
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>4,641.61</b>	<b>7</b>	<b>4,410.66</b>	<b>7</b>	<b>4,175.79</b>	<b>7</b>	<b>3,927.14</b>	<b>7</b>	<b>3,675.32</b>	<b>7</b>	<b>3,328.79</b>	<b>7</b>	<b>2,965.33</b>	<b>7</b>	<b>2,601.67</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,636.78	1/4	4,405.92	1/4	4,170.73	1/4	3,921.90	1/4	3,670.08	1/4	3,321.23	1/4	2,957.75	1/4	2,594.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,631.96	1/2	4,401.18	1/2	4,165.67	1/2	3,916.65	1/2	3,664.83	1/2	3,313.67	1/2	2,950.18	1/2	2,586.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,627.13	3/4	4,396.44	3/4	4,160.62	3/4	3,911.41	3/4	3,659.58	3/4	3,306.11	3/4	2,942.60	3/4	2,578.92
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>4,621.92</b>	<b>8</b>	<b>4,391.67</b>	<b>8</b>	<b>4,155.54</b>	<b>8</b>	<b>3,906.16</b>	<b>8</b>	<b>3,653.75</b>	<b>8</b>	<b>3,298.53</b>	<b>8</b>	<b>2,935.03</b>	<b>8</b>	<b>2,571.34</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,616.72	1/4	4,386.89	1/4	4,150.45	1/4	3,900.91	1/4	3,647.92	1/4	3,290.96	1/4	2,927.45	1/4	2,563.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,611.51	1/2	4,382.11	1/2	4,145.37	1/2	3,895.67	1/2	3,642.08	1/2	3,283.39	1/2	2,919.88	1/2	2,556.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,606.30	3/4	4,377.33	3/4	4,140.29	3/4	3,890.42	3/4	3,636.25	3/4	3,275.82	3/4	2,912.30	3/4	2,548.59
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>4,601.10</b>	<b>9</b>	<b>4,372.53</b>	<b>9</b>	<b>4,135.19</b>	<b>9</b>	<b>3,885.17</b>	<b>9</b>	<b>3,629.26</b>	<b>9</b>	<b>3,268.24</b>	<b>9</b>	<b>2,904.73</b>	<b>9</b>	<b>2,541.03</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,595.89	1/4	4,367.72	1/4	4,130.08	1/4	3,879.93	1/4	3,622.27	1/4	3,260.67	1/4	2,897.15	1/4	2,533.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,590.68	1/2	4,362.92	1/2	4,124.98	1/2	3,874.68	1/2	3,615.28	1/2	3,253.10	1/2	2,889.58	1/2	2,525.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,585.47	3/4	4,358.12	3/4	4,119.87	3/4	3,869.43	3/4	3,608.29	3/4	3,245.53	3/4	2,882.00	3/4	2,518.34
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>4,580.27</b>	<b>10</b>	<b>4,353.29</b>	<b>10</b>	<b>4,114.74</b>	<b>10</b>	<b>3,864.19</b>	<b>10</b>	<b>3,600.72</b>	<b>10</b>	<b>3,237.95</b>	<b>10</b>	<b>2,874.43</b>	<b>10</b>	<b>2,510.79</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,575.06	1/4	4,348.46	1/4	4,109.62	1/4	3,858.94	1/4	3,593.16	1/4	3,230.38	1/4	2,866.85	1/4	2,503.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,569.85	1/2	4,343.63	1/2	4,104.49	1/2	3,853.70	1/2	3,585.59	1/2	3,222.81	1/2	2,859.27	1/2	2,495.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,564.65	3/4	4,338.80	3/4	4,099.36	3/4	3,848.45	3/4	3,578.03	3/4	3,215.24	3/4	2,851.70	3/4	2,488.16
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>4,559.77</b>	<b>11</b>	<b>4,333.95</b>	<b>11</b>	<b>4,094.21</b>	<b>11</b>	<b>3,843.20</b>	<b>11</b>	<b>3,570.47</b>	<b>11</b>	<b>3,207.66</b>	<b>11</b>	<b>2,844.12</b>	<b>11</b>	<b>2,480.62</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,554.89	1/4	4,329.09	1/4	4,089.05	1/4	3,837.96	1/4	3,562.92	1/4	3,200.09	1/4	2,836.55	1/4	2,473.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,550.01	1/2	4,324.24	1/2	4,083.90	1/2	3,832.71	1/2	3,555.36	1/2	3,192.52	1/2	2,828.97	1/2	2,465.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,545.13	3/4	4,319.39	3/4	4,078.75	3/4	3,827.46	3/4	3,547.80	3/4	3,184.95	3/4	2,821.40	3/4	2,457.99

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 12'-09" OFF CENTERLINE AND 44'-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 29041"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

GAUGE HEIGHT 16'-8-3/4"

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	2,450.44	0	2,088.99	0	1,726.35	0	1,362.39	0	1,004.42	0	645.17	0	281.04	0		0		0	
1/4	2,442.90	1/4	2,081.47	1/4	1,718.77	1/4	1,354.81	1/4	997.06	1/4	637.58	1/4	273.46	1/4	1/4		1/4		1/4
1/2	2,435.35	1/2	2,073.95	1/2	1,711.19	1/2	1,347.23	1/2	989.71	1/2	630.00	1/2	265.87	1/2	1/2		1/2		1/2
3/4	2,427.81	3/4	2,066.43	3/4	1,703.60	3/4	1,339.64	3/4	982.36	3/4	622.41	3/4	258.29	3/4	3/4		3/4		3/4
1	2,420.27	1	2,058.91	1	1,696.02	1	1,332.06	1	975.00	1	614.82	1	250.70	1	1		1		1
1/4	2,412.72	1/4	2,051.39	1/4	1,688.44	1/4	1,324.48	1/4	967.65	1/4	607.24	1/4	243.12	1/4	1/4		1/4		1/4
1/2	2,405.18	1/2	2,043.87	1/2	1,680.86	1/2	1,316.90	1/2	960.30	1/2	599.65	1/2	235.53	1/2	1/2		1/2		1/2
3/4	2,397.63	3/4	2,036.35	3/4	1,673.27	3/4	1,309.31	3/4	952.95	3/4	592.06	3/4	227.94	3/4	3/4		3/4		3/4
2	2,390.09	2	2,028.83	2	1,665.69	2	1,301.73	2	945.59	2	584.48	2	220.36	2	2		2		2
1/4	2,382.55	1/4	2,021.31	1/4	1,658.11	1/4	1,294.15	1/4	938.24	1/4	576.89	1/4	212.77	1/4	1/4		1/4		1/4
1/2	2,375.00	1/2	2,013.79	1/2	1,650.53	1/2	1,286.57	1/2	930.89	1/2	569.30	1/2	205.18	1/2	1/2		1/2		1/2
3/4	2,367.46	3/4	2,006.27	3/4	1,642.94	3/4	1,278.98	3/4	923.54	3/4	561.71	3/4	197.60	3/4	3/4		3/4		3/4
3	2,359.91	3	1,998.75	3	1,635.36	3	1,271.40	3	916.18	3	554.13	3	190.01	3	3		3		3
1/4	2,352.37	1/4	1,991.23	1/4	1,627.78	1/4	1,263.82	1/4	908.83	1/4	546.54	1/4	182.42	1/4	1/4		1/4		1/4
1/2	2,344.83	1/2	1,983.71	1/2	1,620.20	1/2	1,256.24	1/2	901.48	1/2	538.95	1/2	174.84	1/2	1/2		1/2		1/2
3/4	2,337.28	3/4	1,976.19	3/4	1,612.61	3/4	1,248.65	3/4	894.12	3/4	531.37	3/4	167.25	3/4	3/4		3/4		3/4
4	2,329.74	4	1,968.67	4	1,605.03	4	1,241.07	4	886.77	4	523.78	4	159.66	4	4		4		4
1/4	2,322.19	1/4	1,961.15	1/4	1,597.45	1/4	1,233.49	1/4	879.42	1/4	516.19	1/4	152.07	1/4	1/4		1/4		1/4
1/2	2,314.65	1/2	1,953.63	1/2	1,589.87	1/2	1,225.91	1/2	872.07	1/2	508.61	1/2	144.49	1/2	1/2		1/2		1/2
3/4	2,307.11	3/4	1,946.12	3/4	1,582.28	3/4	1,218.32	3/4	864.71	3/4	501.02	3/4	136.90	3/4	3/4		3/4		3/4
5	2,299.57	5	1,938.56	5	1,574.70	5	1,210.85	5	857.24	5	493.44	5	129.31	5	5		5		5
1/4	2,292.04	1/4	1,931.01	1/4	1,567.12	1/4	1,203.37	1/4	849.77	1/4	485.85	1/4	121.73	1/4	1/4		1/4		1/4
1/2	2,284.51	1/2	1,923.46	1/2	1,559.54	1/2	1,195.89	1/2	842.31	1/2	478.26	1/2	114.15	1/2	1/2		1/2		1/2
3/4	2,276.98	3/4	1,915.91	3/4	1,551.95	3/4	1,188.41	3/4	834.84	3/4	470.68	3/4	106.56	3/4	3/4		3/4		3/4
6	2,269.46	6	1,908.33	6	1,544.37	6	1,181.04	6	827.25	6	463.09	6	98.99	6	6		6		6
1/4	2,261.94	1/4	1,900.75	1/4	1,536.79	1/4	1,173.67	1/4	819.66	1/4	455.51	1/4	91.42	1/4	1/4		1/4		1/4
1/2	2,254.42	1/2	1,893.17	1/2	1,529.21	1/2	1,166.30	1/2	812.08	1/2	447.92	1/2	83.84	1/2	1/2		1/2		1/2
3/4	2,246.90	3/4	1,885.58	3/4	1,521.62	3/4	1,158.92	3/4	804.49	3/4	440.34	3/4	76.27	3/4	3/4		3/4		3/4
7	2,239.38	7	1,878.00	7	1,514.04	7	1,151.56	7	796.90	7	432.75	7	69.17	7	7		7		7
1/4	2,231.86	1/4	1,870.42	1/4	1,506.46	1/4	1,144.19	1/4	789.32	1/4	425.17	1/4	62.06	1/4	1/4		1/4		1/4
1/2	2,224.34	1/2	1,862.84	1/2	1,498.88	1/2	1,136.83	1/2	781.73	1/2	417.58	1/2	54.96	1/2	1/2		1/2		1/2
3/4	2,216.82	3/4	1,855.25	3/4	1,491.29	3/4	1,129.46	3/4	774.14	3/4	410.00	3/4	47.85	3/4	3/4		3/4		3/4
8	2,209.30	8	1,847.67	8	1,483.71	8	1,122.10	8	766.56	8	402.41	8	42.16	8	8		8		8
1/4	2,201.78	1/4	1,840.09	1/4	1,476.13	1/4	1,114.74	1/4	758.97	1/4	394.82	1/4	36.46	1/4	1/4		1/4		1/4
1/2	2,194.26	1/2	1,832.51	1/2	1,468.55	1/2	1,107.38	1/2	751.38	1/2	387.24	1/2	30.76	1/2	1/2		1/2		1/2
3/4	2,186.74	3/4	1,824.92	3/4	1,460.96	3/4	1,100.02	3/4	743.80	3/4	379.65	3/4	25.06	3/4	3/4		3/4		3/4
9	2,179.22	9	1,817.34	9	1,453.38	9	1,092.66	9	736.21	9	372.07	9		9	9		9		9
1/4	2,171.70	1/4	1,809.76	1/4	1,445.80	1/4	1,085.30	1/4	728.62	1/4	364.48	1/4		1/4	1/4		1/4		1/4
1/2	2,164.18	1/2	1,802.18	1/2	1,438.22	1/2	1,077.95	1/2	721.04	1/2	356.90	1/2		1/2	1/2		1/2		1/2
3/4	2,156.66	3/4	1,794.59	3/4	1,430.63	3/4	1,070.59	3/4	713.45	3/4	349.31	3/4		3/4	3/4		3/4		3/4
10	2,149.14	10	1,787.01	10	1,423.05	10	1,063.24	10	705.86	10	341.73	10		10	10		10		10
1/4	2,141.62	1/4	1,779.43	1/4	1,415.47	1/4	1,055.89	1/4	698.28	1/4	334.14	1/4		1/4	1/4		1/4		1/4
1/2	2,134.11	1/2	1,771.85	1/2	1,407.89	1/2	1,048.53	1/2	690.69	1/2	326.56	1/2		1/2	1/2		1/2		1/2
3/4	2,126.59	3/4	1,764.26	3/4	1,400.30	3/4	1,041.18	3/4	683.10	3/4	318.97	3/4		3/4	3/4		3/4		3/4
11	2,119.07	11	1,756.68	11	1,392.72	11	1,033.83	11	675.52	11	311.39	11		11	11		11		11
1/4	2,111.55	1/4	1,749.10	1/4	1,385.14	1/4	1,026.47	1/4	667.93	1/4	303.80	1/4		1/4	1/4		1/4		1/4
1/2	2,104.03	1/2	1,741.52	1/2	1,377.56	1/2	1,019.12	1/2	660.34	1/2	296.21	1/2		1/2	1/2		1/2		1/2
3/4	2,096.51	3/4	1,733.93	3/4	1,369.97	3/4	1,011.77	3/4	652.76	3/4	288.63	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW  
RECALCULATED: 04/23/2019 SW  
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

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



# BARGE "KIRBY 29041"

## 3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

GAUGE HEIGHT 16'-9-1/4"

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
							4,571.51		4,345.75		4,105.43		3,854.25		3,576.85		3,213.24		2,848.91		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,566.63	1/4	4,340.90	1/4	4,100.28	1/4	3,849.00	1/4	3,569.29	1/4	3,205.65	1/4	2,841.32		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,562.07	1/2	4,336.03	1/2	4,095.10	1/2	3,843.76	1/2	3,561.72	1/2	3,198.06	1/2	2,833.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,557.51	3/4	4,331.15	3/4	4,089.92	3/4	3,838.51	3/4	3,554.15	3/4	3,190.47	3/4	2,826.14		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,552.94</b>	<b>1</b>	<b>4,326.27</b>	<b>1</b>	<b>4,084.74</b>	<b>1</b>	<b>3,833.27</b>	<b>1</b>	<b>3,546.58</b>	<b>1</b>	<b>3,182.88</b>	<b>1</b>	<b>2,818.55</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,548.38	1/4	4,321.40	1/4	4,079.56	1/4	3,828.02	1/4	3,539.01	1/4	3,175.29	1/4	2,810.95		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,543.80	1/2	4,316.50	1/2	4,074.36	1/2	3,822.78	1/2	3,531.45	1/2	3,167.70	1/2	2,803.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,539.22	3/4	4,311.60	3/4	4,069.15	3/4	3,817.53	3/4	3,523.88	3/4	3,160.12	3/4	2,795.77		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,534.63</b>	<b>2</b>	<b>4,306.70</b>	<b>2</b>	<b>4,063.95</b>	<b>2</b>	<b>3,812.28</b>	<b>2</b>	<b>3,516.31</b>	<b>2</b>	<b>3,152.53</b>	<b>2</b>	<b>2,788.18</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,530.05	1/4	4,301.80	1/4	4,058.75	1/4	3,807.04	1/4	3,508.74	1/4	3,144.94	1/4	2,780.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,525.44	1/2	4,296.88	1/2	4,053.52	1/2	3,801.79	1/2	3,501.17	1/2	3,137.35	1/2	2,773.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,520.83	3/4	4,291.96	3/4	4,048.30	3/4	3,796.55	3/4	3,493.61	3/4	3,129.76	3/4	2,765.41		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4,516.22</b>	<b>3</b>	<b>4,287.04</b>	<b>3</b>	<b>4,043.07</b>	<b>3</b>	<b>3,791.30</b>	<b>3</b>	<b>3,486.04</b>	<b>3</b>	<b>3,122.17</b>	<b>3</b>	<b>2,757.81</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,511.62	1/4	4,282.12	1/4	4,037.84	1/4	3,786.05	1/4	3,478.47	1/4	3,114.58	1/4	2,750.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,506.98	1/2	4,277.17	1/2	4,032.60	1/2	3,780.81	1/2	3,470.90	1/2	3,107.00	1/2	2,742.63		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,502.35	3/4	4,272.23	3/4	4,027.36	3/4	3,775.56	3/4	3,463.33	3/4	3,099.41	3/4	2,735.04		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,497.71</b>	<b>4</b>	<b>4,267.28</b>	<b>4</b>	<b>4,022.12</b>	<b>4</b>	<b>3,770.32</b>	<b>4</b>	<b>3,455.77</b>	<b>4</b>	<b>3,091.82</b>	<b>4</b>	<b>2,727.45</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,493.08	1/4	4,262.34	1/4	4,016.87	1/4	3,765.07	1/4	3,448.20	1/4	3,084.23	1/4	2,719.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,488.42	1/2	4,257.37	1/2	4,011.63	1/2	3,759.82	1/2	3,440.63	1/2	3,076.64	1/2	2,712.27		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,483.76	3/4	4,252.40	3/4	4,006.38	3/4	3,754.58	3/4	3,433.06	3/4	3,069.05	3/4	2,704.67		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,479.11</b>	<b>5</b>	<b>4,247.43</b>	<b>5</b>	<b>4,001.14</b>	<b>5</b>	<b>3,749.33</b>	<b>5</b>	<b>3,425.49</b>	<b>5</b>	<b>3,061.46</b>	<b>5</b>	<b>2,697.08</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,474.45	1/4	4,242.46	1/4	3,995.89	1/4	3,744.09	1/4	3,417.93	1/4	3,053.87	1/4	2,689.49		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,469.77	1/2	4,237.47	1/2	3,990.64	1/2	3,738.84	1/2	3,410.36	1/2	3,046.28	1/2	2,681.90		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,465.09	3/4	4,232.47	3/4	3,985.40	3/4	3,733.59	3/4	3,402.79	3/4	3,038.69	3/4	2,674.31		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,460.41</b>	<b>6</b>	<b>4,227.48</b>	<b>6</b>	<b>3,980.15</b>	<b>6</b>	<b>3,728.35</b>	<b>6</b>	<b>3,395.22</b>	<b>6</b>	<b>3,031.10</b>	<b>6</b>	<b>2,666.71</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,455.73	1/4	4,222.48	1/4	3,974.91	1/4	3,723.10	1/4	3,387.65	1/4	3,023.51	1/4	2,659.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,451.02	1/2	4,217.46	1/2	3,969.66	1/2	3,717.86	1/2	3,380.09	1/2	3,015.92	1/2	2,651.52		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,446.32	3/4	4,212.43	3/4	3,964.41	3/4	3,712.61	3/4	3,372.52	3/4	3,008.33	3/4	2,643.92		
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>4,441.62</b>	<b>7</b>	<b>4,207.40</b>	<b>7</b>	<b>3,959.17</b>	<b>7</b>	<b>3,707.37</b>	<b>7</b>	<b>3,364.95</b>	<b>7</b>	<b>3,000.74</b>	<b>7</b>	<b>2,636.33</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,436.91	1/4	4,202.37	1/4	3,953.92	1/4	3,702.12	1/4	3,357.38	1/4	2,993.15	1/4	2,628.73		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,432.17	1/2	4,197.32	1/2	3,948.68	1/2	3,696.87	1/2	3,349.80	1/2	2,985.56	1/2	2,621.13		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,427.43	3/4	4,192.26	3/4	3,943.43	3/4	3,691.63	3/4	3,342.22	3/4	2,977.97	3/4	2,613.53		
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>4,422.69</b>	<b>8</b>	<b>4,187.20</b>	<b>8</b>	<b>3,938.18</b>	<b>8</b>	<b>3,686.38</b>	<b>8</b>	<b>3,334.65</b>	<b>8</b>	<b>2,970.37</b>	<b>8</b>	<b>2,605.93</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,418.62	1/4	4,182.14	1/4	3,932.94	1/4	3,681.14	1/4	3,327.07	1/4	2,962.78	1/4	2,598.33		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,413.17	1/2	4,177.06	1/2	3,927.69	1/2	3,675.30	1/2	3,319.48	1/2	2,955.19	1/2	2,590.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,408.40	3/4	4,171.98	3/4	3,922.45	3/4	3,669.47	3/4	3,311.89	3/4	2,947.60	3/4	2,583.13		
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>4,403.62</b>	<b>9</b>	<b>4,166.90</b>	<b>9</b>	<b>3,917.20</b>	<b>9</b>	<b>3,663.64</b>	<b>9</b>	<b>3,304.30</b>	<b>9</b>	<b>2,940.01</b>	<b>9</b>	<b>2,575.54</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,398.84	1/4	4,161.82	1/4	3,911.96	1/4	3,657.80	1/4	3,296.71	1/4	2,932.42	1/4	2,567.94		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,394.04	1/2	4,156.71	1/2	3,906.71	1/2	3,650.81	1/2	3,289.12	1/2	2,924.83	1/2	2,560.34		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,389.24	3/4	4,151.61	3/4	3,901.46	3/4	3,643.82	3/4	3,281.54	3/4	2,917.23	3/4	2,552.74		
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>4,384.43</b>	<b>10</b>	<b>4,146.50</b>	<b>10</b>	<b>3,896.22</b>	<b>10</b>	<b>3,636.82</b>	<b>10</b>	<b>3,273.95</b>	<b>10</b>	<b>2,909.64</b>	<b>10</b>	<b>2,545.14</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,379.63	1/4	4,141.40	1/4	3,890.97	1/4	3,629.83	1/4	3,266.36	1/4	2,902.05	1/4	2,537.54		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,374.80	1/2	4,136.27	1/2	3,885.73	1/2	3,622.26	1/2	3,258.77	1/2	2,894.46	1/2	2,529.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,369.97	3/4	4,131.15	3/4	3,880.48	3/4	3,614.69	3/4	3,251.18	3/4	2,886.87	3/4	2,522.35		
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>4,365.14</b>	<b>11</b>	<b>4,126.02</b>	<b>11</b>	<b>3,875.23</b>	<b>11</b>	<b>3,607.13</b>	<b>11</b>	<b>3,243.59</b>	<b>11</b>	<b>2,879.28</b>	<b>11</b>	<b>2,514.75</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,360.31	1/4	4,120.89	1/4	3,869.99	1/4	3,599.56	1/4	3,236.00	1/4	2,871.69	1/4	2,507.15		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,355.46	1/2	4,115.74	1/2	3,864.74	1/2	3,591.99	1/2	3,228.41	1/2	2,864.09	1/2	2,499.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,350.61	3/4	4,110.58	3/4	3,859.50	3/4	3,584.42	3/4	3,220.83	3/4	2,856.50	3/4	2,491.95		

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'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "KIRBY 29041"

## 3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCO 337"

GAUGE HEIGHT 16'-9-1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,484.35	0	2,119.61	0	1,754.88	0	1,390.14	0	1,025.60	0	661.22	0	296.50	0		0		0	
1/4	2,476.75	1/4	2,112.02	1/4	1,747.28	1/4	1,382.54	1/4	1,018.02	1/4	653.63	1/4	288.90	1/4	1/4		1/4		1/4
1/2	2,469.15	1/2	2,104.42	1/2	1,739.68	1/2	1,374.94	1/2	1,010.44	1/2	646.03	1/2	281.30	1/2	1/2		1/2		1/2
3/4	2,461.56	3/4	2,096.82	3/4	1,732.08	3/4	1,367.34	3/4	1,002.85	3/4	638.43	3/4	273.71	3/4	3/4		3/4		3/4
1	2,453.96	1	2,089.22	1	1,724.48	1	1,359.74	1	995.27	1	630.83	1	266.11	1	1		1		1
1/4	2,446.36	1/4	2,081.62	1/4	1,716.88	1/4	1,352.15	1/4	987.69	1/4	623.23	1/4	258.51	1/4	1/4		1/4		1/4
1/2	2,438.76	1/2	2,074.02	1/2	1,709.28	1/2	1,344.55	1/2	980.10	1/2	615.63	1/2	250.91	1/2	1/2		1/2		1/2
3/4	2,431.16	3/4	2,066.42	3/4	1,701.69	3/4	1,336.95	3/4	972.52	3/4	608.03	3/4	243.31	3/4	3/4		3/4		3/4
2	2,423.56	2	2,058.82	2	1,694.09	2	1,329.35	2	964.94	2	600.44	2	235.71	2	2		2		2
1/4	2,415.96	1/4	2,051.23	1/4	1,686.49	1/4	1,321.75	1/4	957.35	1/4	592.84	1/4	228.11	1/4	1/4		1/4		1/4
1/2	2,408.36	1/2	2,043.63	1/2	1,678.89	1/2	1,314.15	1/2	949.77	1/2	585.24	1/2	220.52	1/2	1/2		1/2		1/2
3/4	2,400.77	3/4	2,036.03	3/4	1,671.29	3/4	1,306.55	3/4	942.19	3/4	577.64	3/4	212.92	3/4	3/4		3/4		3/4
3	2,393.17	3	2,028.43	3	1,663.69	3	1,298.95	3	934.60	3	570.04	3	205.32	3	3		3		3
1/4	2,385.57	1/4	2,020.83	1/4	1,656.09	1/4	1,291.36	1/4	927.02	1/4	562.44	1/4	197.72	1/4	1/4		1/4		1/4
1/2	2,377.97	1/2	2,013.23	1/2	1,648.49	1/2	1,283.76	1/2	919.44	1/2	554.85	1/2	190.12	1/2	1/2		1/2		1/2
3/4	2,370.37	3/4	2,005.63	3/4	1,640.90	3/4	1,276.16	3/4	911.85	3/4	547.25	3/4	182.52	3/4	3/4		3/4		3/4
4	2,362.77	4	1,998.03	4	1,633.30	4	1,268.56	4	904.27	4	539.65	4	174.93	4	4		4		4
1/4	2,355.17	1/4	1,990.44	1/4	1,625.70	1/4	1,260.96	1/4	896.69	1/4	532.05	1/4	167.33	1/4	1/4		1/4		1/4
1/2	2,347.58	1/2	1,982.84	1/2	1,618.10	1/2	1,253.36	1/2	889.10	1/2	524.45	1/2	159.73	1/2	1/2		1/2		1/2
3/4	2,339.98	3/4	1,975.24	3/4	1,610.50	3/4	1,245.76	3/4	881.52	3/4	516.85	3/4	152.13	3/4	3/4		3/4		3/4
5	2,332.38	5	1,967.64	5	1,602.90	5	1,238.16	5	873.94	5	509.26	5	144.53	5	5		5		5
1/4	2,324.78	1/4	1,960.04	1/4	1,595.30	1/4	1,230.57	1/4	866.35	1/4	501.66	1/4	136.94	1/4	1/4		1/4		1/4
1/2	2,317.18	1/2	1,952.44	1/2	1,587.71	1/2	1,222.97	1/2	858.76	1/2	494.06	1/2	129.34	1/2	1/2		1/2		1/2
3/4	2,309.58	3/4	1,944.84	3/4	1,580.11	3/4	1,215.37	3/4	851.17	3/4	486.46	3/4	121.75	3/4	3/4		3/4		3/4
6	2,301.98	6	1,937.25	6	1,572.51	6	1,207.77	6	843.58	6	478.86	6	114.16	6	6		6		6
1/4	2,294.38	1/4	1,929.65	1/4	1,564.91	1/4	1,200.17	1/4	835.99	1/4	471.26	1/4	106.57	1/4	1/4		1/4		1/4
1/2	2,286.79	1/2	1,922.05	1/2	1,557.31	1/2	1,192.57	1/2	828.39	1/2	463.67	1/2	98.99	1/2	1/2		1/2		1/2
3/4	2,279.19	3/4	1,914.45	3/4	1,549.71	3/4	1,184.97	3/4	820.79	3/4	456.07	3/4	91.42	3/4	3/4		3/4		3/4
7	2,271.59	7	1,906.85	7	1,542.11	7	1,177.38	7	813.19	7	448.47	7	83.84	7	7		7		7
1/4	2,263.99	1/4	1,899.25	1/4	1,534.51	1/4	1,169.78	1/4	805.59	1/4	440.87	1/4	76.27	1/4	1/4		1/4		1/4
1/2	2,256.39	1/2	1,891.65	1/2	1,526.92	1/2	1,162.18	1/2	797.99	1/2	433.27	1/2	69.16	1/2	1/2		1/2		1/2
3/4	2,248.79	3/4	1,884.05	3/4	1,519.32	3/4	1,154.59	3/4	790.40	3/4	425.67	3/4	62.06	3/4	3/4		3/4		3/4
8	2,241.19	8	1,876.46	8	1,511.72	8	1,146.99	8	782.80	8	418.07	8	54.96	8	8		8		8
1/4	2,233.59	1/4	1,868.86	1/4	1,504.12	1/4	1,139.40	1/4	775.20	1/4	410.48	1/4	47.85	1/4	1/4		1/4		1/4
1/2	2,226.00	1/2	1,861.26	1/2	1,496.52	1/2	1,131.81	1/2	767.60	1/2	402.88	1/2	42.15	1/2	1/2		1/2		1/2
3/4	2,218.40	3/4	1,853.66	3/4	1,488.92	3/4	1,124.22	3/4	760.00	3/4	395.28	3/4	36.45	3/4	3/4		3/4		3/4
9	2,210.80	9	1,846.06	9	1,481.32	9	1,116.63	9	752.40	9	387.68	9	30.76	9	9		9		9
1/4	2,203.20	1/4	1,838.46	1/4	1,473.72	1/4	1,109.04	1/4	744.81	1/4	380.08	1/4	25.06	1/4	1/4		1/4		1/4
1/2	2,195.60	1/2	1,830.86	1/2	1,466.13	1/2	1,101.45	1/2	737.21	1/2	372.48	1/2		1/2	1/2		1/2		1/2
3/4	2,188.00	3/4	1,823.26	3/4	1,458.53	3/4	1,093.86	3/4	729.61	3/4	364.89	3/4		3/4	3/4		3/4		3/4
10	2,180.40	10	1,815.67	10	1,450.93	10	1,086.27	10	722.01	10	357.29	10		10	10		10		10
1/4	2,172.81	1/4	1,808.07	1/4	1,443.33	1/4	1,078.69	1/4	714.41	1/4	349.69	1/4		1/4	1/4		1/4		1/4
1/2	2,165.21	1/2	1,800.47	1/2	1,435.73	1/2	1,071.10	1/2	706.81	1/2	342.09	1/2		1/2	1/2		1/2		1/2
3/4	2,157.61	3/4	1,792.87	3/4	1,428.13	3/4	1,063.52	3/4	699.22	3/4	334.49	3/4		3/4	3/4		3/4		3/4
11	2,150.01	11	1,785.27	11	1,420.53	11	1,055.94	11	691.62	11	326.89	11		11	11		11		11
1/4	2,142.41	1/4	1,777.67	1/4	1,412.94	1/4	1,048.35	1/4	684.02	1/4	319.30	1/4		1/4	1/4		1/4		1/4
1/2	2,134.81	1/2	1,770.07	1/2	1,405.34	1/2	1,040.77	1/2	676.42	1/2	311.70	1/2		1/2	1/2		1/2		1/2
3/4	2,127.21	3/4	1,762.48	3/4	1,397.74	3/4	1,033.19	3/4	668.82	3/4	304.10	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2014 SW  
RECALCULATED: 04/23/2019 SW  
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

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



# BARGE "KIRBY 29041"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 337"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	171	0	342	0	513	0	684	0		0		0		0		0	
1/4	4	1/4	174	1/4	345	1/4	516	1/4	687	1/4		1/4		1/4		1/4		1/4	
1/2	7	1/2	178	1/2	349	1/2	520	1/2	691	1/2		1/2		1/2		1/2		1/2	
3/4	11	3/4	182	3/4	352	3/4	523	3/4	694	3/4		3/4		3/4		3/4		3/4	
1	14	1	185	1	356	1	527	1	698	1		1		1		1		1	
1/4	18	1/4	189	1/4	360	1/4	531	1/4	701	1/4		1/4		1/4		1/4		1/4	
1/2	21	1/2	192	1/2	363	1/2	534	1/2	705	1/2		1/2		1/2		1/2		1/2	
3/4	25	3/4	196	3/4	367	3/4	538	3/4	709	3/4		3/4		3/4		3/4		3/4	
2	28	2	199	2	370	2	541	2	712	2		2		2		2		2	
1/4	32	1/4	203	1/4	374	1/4	545	1/4	716	1/4		1/4		1/4		1/4		1/4	
1/2	36	1/2	207	1/2	377	1/2	548	1/2	719	1/2		1/2		1/2		1/2		1/2	
3/4	39	3/4	210	3/4	381	3/4	552	3/4	723	3/4		3/4		3/4		3/4		3/4	
3	43	3	214	3	385	3	555	3	726	3		3		3		3		3	
1/4	46	1/4	217	1/4	388	1/4	559	1/4	730	1/4		1/4		1/4		1/4		1/4	
1/2	50	1/2	221	1/2	392	1/2	563	1/2	733	1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	224	3/4	395	3/4	566	3/4	737	3/4		3/4		3/4		3/4		3/4	
4	57	4	228	4	399	4	570	4	741	4		4		4		4		4	
1/4	61	1/4	231	1/4	402	1/4	573	1/4	744	1/4		1/4		1/4		1/4		1/4	
1/2	64	1/2	235	1/2	406	1/2	577	1/2	748	1/2		1/2		1/2		1/2		1/2	
3/4	68	3/4	239	3/4	409	3/4	580	3/4	751	3/4		3/4		3/4		3/4		3/4	
5	71	5	242	5	413	5	584	5	755	5		5		5		5		5	
1/4	75	1/4	246	1/4	417	1/4	587	1/4	758	1/4		1/4		1/4		1/4		1/4	
1/2	78	1/2	249	1/2	420	1/2	591	1/2	762	1/2		1/2		1/2		1/2		1/2	
3/4	82	3/4	253	3/4	424	3/4	595	3/4	766	3/4		3/4		3/4		3/4		3/4	
6	85	6	256	6	427	6	598	6	769	6		6		6		6		6	
1/4	89	1/4	260	1/4	431	1/4	602	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	93	1/2	263	1/2	434	1/2	605	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	96	3/4	267	3/4	438	3/4	609	3/4		3/4		3/4		3/4		3/4		3/4	
7	100	7	271	7	442	7	612	7		7		7		7		7		7	
1/4	103	1/4	274	1/4	445	1/4	616	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107	1/2	278	1/2	449	1/2	620	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110	3/4	281	3/4	452	3/4	623	3/4		3/4		3/4		3/4		3/4		3/4	
8	114	8	285	8	456	8	627	8		8		8		8		8		8	
1/4	117	1/4	288	1/4	459	1/4	630	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121	1/2	292	1/2	463	1/2	634	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125	3/4	296	3/4	466	3/4	637	3/4		3/4		3/4		3/4		3/4		3/4	
9	128	9	299	9	470	9	641	9		9		9		9		9		9	
1/4	132	1/4	303	1/4	474	1/4	644	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	135	1/2	306	1/2	477	1/2	648	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139	3/4	310	3/4	481	3/4	652	3/4		3/4		3/4		3/4		3/4		3/4	
10	142	10	313	10	484	10	655	10		10		10		10		10		10	
1/4	146	1/4	317	1/4	488	1/4	659	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	150	1/2	320	1/2	491	1/2	662	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	324	3/4	495	3/4	666	3/4		3/4		3/4		3/4		3/4		3/4	
11	157	11	328	11	498	11	669	11		11		11		11		11		11	
1/4	160	1/4	331	1/4	502	1/4	673	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164	1/2	335	1/2	506	1/2	676	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167	3/4	338	3/4	509	3/4	680	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 AT GAUGE POINT.

STRAPPED: 03/18/2014 SW  
CALCULATED: 03/20/2014 CL  
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2024

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 29041"

## PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 337"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,079	0	2,158	0	3,210	0	4,199	0		0	6 FT.	0	7 FT.	0	8 FT.	0	9 FT.
1/4	22	1/4	1,101	1/4	2,180	1/4	3,232	1/4	4,218	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	45	1/2	1,124	1/2	2,203	1/2	3,253	1/2	4,238	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	67	3/4	1,146	3/4	2,225	3/4	3,274	3/4	4,258	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
1	90	1	1,169	1	2,248	1	3,295	1	4,278	1		1	6 FT.	1	7 FT.	1	8 FT.	1	9 FT.
1/4	112	1/4	1,191	1/4	2,270	1/4	3,316	1/4	4,298	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	135	1/2	1,214	1/2	2,293	1/2	3,337	1/2	4,318	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	157	3/4	1,236	3/4	2,315	3/4	3,358	3/4	4,337	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
2	180	2	1,259	2	2,337	2	3,379	2	4,357	2		2	6 FT.	2	7 FT.	2	8 FT.	2	9 FT.
1/4	202	1/4	1,281	1/4	2,360	1/4	3,400	1/4	4,377	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	225	1/2	1,304	1/2	2,382	1/2	3,421	1/2	4,396	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	247	3/4	1,326	3/4	2,404	3/4	3,442	3/4	4,416	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
3	270	3	1,349	3	2,427	3	3,463	3	4,436	3		3	6 FT.	3	7 FT.	3	8 FT.	3	9 FT.
1/4	292	1/4	1,371	1/4	2,449	1/4	3,484	1/4	4,455	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	315	1/2	1,394	1/2	2,471	1/2	3,505	1/2	4,475	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	337	3/4	1,416	3/4	2,493	3/4	3,526	3/4	4,494	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
4	360	4	1,439	4	2,516	4	3,547	4	4,514	4		4	6 FT.	4	7 FT.	4	8 FT.	4	9 FT.
1/4	382	1/4	1,461	1/4	2,538	1/4	3,568	1/4	4,533	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	405	1/2	1,484	1/2	2,560	1/2	3,588	1/2	4,552	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	427	3/4	1,506	3/4	2,582	3/4	3,609	3/4	4,572	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
5	450	5	1,528	5	2,604	5	3,630	5	4,591	5		5	6 FT.	5	7 FT.	5	8 FT.	5	9 FT.
1/4	472	1/4	1,551	1/4	2,626	1/4	3,651	1/4	4,602	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	495	1/2	1,573	1/2	2,648	1/2	3,671	1/2	4,614	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	517	3/4	1,596	3/4	2,670	3/4	3,692	3/4	4,625	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
6	539	6	1,618	6	2,692	6	3,712	6	4,636	6		6	6 FT.	6	7 FT.	6	8 FT.	6	9 FT.
1/4	562	1/4	1,641	1/4	2,714	1/4	3,733	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	584	1/2	1,663	1/2	2,736	1/2	3,754	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	607	3/4	1,686	3/4	2,758	3/4	3,774	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
7	629	7	1,708	7	2,780	7	3,795	7		7		7	6 FT.	7	7 FT.	7	8 FT.	7	9 FT.
1/4	652	1/4	1,731	1/4	2,801	1/4	3,815	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	674	1/2	1,753	1/2	2,823	1/2	3,835	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	697	3/4	1,776	3/4	2,845	3/4	3,856	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
8	719	8	1,798	8	2,867	8	3,876	8		8		8	6 FT.	8	7 FT.	8	8 FT.	8	9 FT.
1/4	742	1/4	1,821	1/4	2,888	1/4	3,897	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	764	1/2	1,843	1/2	2,910	1/2	3,917	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	787	3/4	1,866	3/4	2,932	3/4	3,937	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
9	809	9	1,888	9	2,953	9	3,958	9		9		9	6 FT.	9	7 FT.	9	8 FT.	9	9 FT.
1/4	832	1/4	1,911	1/4	2,975	1/4	3,978	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	854	1/2	1,933	1/2	2,996	1/2	3,998	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	877	3/4	1,956	3/4	3,018	3/4	4,018	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
10	899	10	1,978	10	3,039	10	4,038	10		10		10	6 FT.	10	7 FT.	10	8 FT.	10	9 FT.
1/4	922	1/4	2,000	1/4	3,061	1/4	4,058	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	944	1/2	2,023	1/2	3,082	1/2	4,078	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	967	3/4	2,045	3/4	3,104	3/4	4,099	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
11	989	11	2,068	11	3,125	11	4,119	11		11		11	6 FT.	11	7 FT.	11	8 FT.	11	9 FT.
1/4	1,011	1/4	2,090	1/4	3,146	1/4	4,139	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	1,034	1/2	2,113	1/2	3,168	1/2	4,159	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	1,056	3/4	2,135	3/4	3,189	3/4	4,179	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.

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 AT GAUGE POINT.

STRAPPED: 03/18/2014 SW  
CALCULATED: 03/20/2014 CL  
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES  
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PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588  
<http://www.pmacorp.net>





# BARGE "KIRBY 29041"

## STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CTCO 337"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,079	0	2,158	0	3,210	0	4,199	0		0		0		0		0	
1/4	22	1/4	1,101	1/4	2,180	1/4	3,232	1/4	4,218	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	1,124	1/2	2,203	1/2	3,253	1/2	4,238	1/2		1/2		1/2		1/2		1/2	
3/4	67	3/4	1,146	3/4	2,225	3/4	3,274	3/4	4,258	3/4		3/4		3/4		3/4		3/4	
1	90	1	1,169	1	2,248	1	3,295	1	4,278	1		1		1		1		1	
1/4	112	1/4	1,191	1/4	2,270	1/4	3,316	1/4	4,298	1/4		1/4		1/4		1/4		1/4	
1/2	135	1/2	1,214	1/2	2,293	1/2	3,337	1/2	4,318	1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	1,236	3/4	2,315	3/4	3,358	3/4	4,337	3/4		3/4		3/4		3/4		3/4	
2	180	2	1,259	2	2,337	2	3,379	2	4,357	2		2		2		2		2	
1/4	202	1/4	1,281	1/4	2,360	1/4	3,400	1/4	4,377	1/4		1/4		1/4		1/4		1/4	
1/2	225	1/2	1,304	1/2	2,382	1/2	3,421	1/2	4,396	1/2		1/2		1/2		1/2		1/2	
3/4	247	3/4	1,326	3/4	2,404	3/4	3,442	3/4	4,416	3/4		3/4		3/4		3/4		3/4	
3	270	3	1,349	3	2,427	3	3,463	3	4,436	3		3		3		3		3	
1/4	292	1/4	1,371	1/4	2,449	1/4	3,484	1/4	4,455	1/4		1/4		1/4		1/4		1/4	
1/2	315	1/2	1,394	1/2	2,471	1/2	3,505	1/2	4,475	1/2		1/2		1/2		1/2		1/2	
3/4	337	3/4	1,416	3/4	2,493	3/4	3,526	3/4	4,494	3/4		3/4		3/4		3/4		3/4	
4	360	4	1,439	4	2,516	4	3,547	4	4,514	4		4		4		4		4	
1/4	382	1/4	1,461	1/4	2,538	1/4	3,568	1/4	4,533	1/4		1/4		1/4		1/4		1/4	
1/2	405	1/2	1,484	1/2	2,560	1/2	3,588	1/2	4,552	1/2		1/2		1/2		1/2		1/2	
3/4	427	3/4	1,506	3/4	2,582	3/4	3,609	3/4	4,572	3/4		3/4		3/4		3/4		3/4	
5	450	5	1,528	5	2,604	5	3,630	5	4,591	5		5		5		5		5	
1/4	472	1/4	1,551	1/4	2,626	1/4	3,651	1/4	4,602	1/4		1/4		1/4		1/4		1/4	
1/2	495	1/2	1,573	1/2	2,648	1/2	3,671	1/2	4,614	1/2		1/2		1/2		1/2		1/2	
3/4	517	3/4	1,596	3/4	2,670	3/4	3,692	3/4	4,625	3/4		3/4		3/4		3/4		3/4	
6	539	6	1,618	6	2,692	6	3,712	6	4,636	6		6		6		6		6	
1/4	562	1/4	1,641	1/4	2,714	1/4	3,733	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	584	1/2	1,663	1/2	2,736	1/2	3,754	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	607	3/4	1,686	3/4	2,758	3/4	3,774	3/4		3/4		3/4		3/4		3/4		3/4	
7	629	7	1,708	7	2,780	7	3,795	7		7		7		7		7		7	
1/4	652	1/4	1,731	1/4	2,801	1/4	3,815	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	674	1/2	1,753	1/2	2,823	1/2	3,835	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	697	3/4	1,776	3/4	2,845	3/4	3,856	3/4		3/4		3/4		3/4		3/4		3/4	
8	719	8	1,798	8	2,867	8	3,876	8		8		8		8		8		8	
1/4	742	1/4	1,821	1/4	2,888	1/4	3,897	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	764	1/2	1,843	1/2	2,910	1/2	3,917	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	787	3/4	1,866	3/4	2,932	3/4	3,937	3/4		3/4		3/4		3/4		3/4		3/4	
9	809	9	1,888	9	2,953	9	3,958	9		9		9		9		9		9	
1/4	832	1/4	1,911	1/4	2,975	1/4	3,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	854	1/2	1,933	1/2	2,996	1/2	3,998	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	877	3/4	1,956	3/4	3,018	3/4	4,018	3/4		3/4		3/4		3/4		3/4		3/4	
10	899	10	1,978	10	3,039	10	4,038	10		10		10		10		10		10	
1/4	922	1/4	2,000	1/4	3,061	1/4	4,058	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	944	1/2	2,023	1/2	3,082	1/2	4,078	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	967	3/4	2,045	3/4	3,104	3/4	4,099	3/4		3/4		3/4		3/4		3/4		3/4	
11	989	11	2,068	11	3,125	11	4,119	11		11		11		11		11		11	
1/4	1,011	1/4	2,090	1/4	3,146	1/4	4,139	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,034	1/2	2,113	1/2	3,168	1/2	4,159	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,056	3/4	2,135	3/4	3,189	3/4	4,179	3/4		3/4		3/4		3/4		3/4		3/4	

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