



# BARGE "MER 12"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/2"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 170'-09"

April 16, 2009

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

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# BARGE "MER 12"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 14'-07"

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
							2,898.86		2,644.45		2,390.04		2,135.63		1,881.22		1,626.86		1,372.84		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,893.56	1/4	2,639.15	1/4	2,384.74	1/4	2,130.33	1/4	1,875.92	1/4	1,621.58	1/4	1,367.54		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,888.26	1/2	2,633.85	1/2	2,379.44	1/2	2,125.03	1/2	1,870.62	1/2	1,616.29	1/2	1,362.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,882.96	3/4	2,628.55	3/4	2,374.14	3/4	2,119.73	3/4	1,865.32	3/4	1,611.00	3/4	1,356.94		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2,877.66</b>	<b>1</b>	<b>2,623.25</b>	<b>1</b>	<b>2,368.84</b>	<b>1</b>	<b>2,114.43</b>	<b>1</b>	<b>1,860.02</b>	<b>1</b>	<b>1,563.71</b>	<b>1</b>	<b>1,351.65</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,872.36	1/4	2,617.95	1/4	2,363.54	1/4	2,109.13	1/4	1,854.72	1/4	1,600.43	1/4	1,346.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,867.06	1/2	2,612.65	1/2	2,358.24	1/2	2,103.83	1/2	1,849.42	1/2	1,595.14	1/2	1,341.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,861.76	3/4	2,607.35	3/4	2,352.94	3/4	2,098.53	3/4	1,844.12	3/4	1,589.85	3/4	1,335.75		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2,856.46</b>	<b>2</b>	<b>2,602.05</b>	<b>2</b>	<b>2,347.64</b>	<b>2</b>	<b>2,093.23</b>	<b>2</b>	<b>1,838.82</b>	<b>2</b>	<b>1,584.56</b>	<b>2</b>	<b>1,330.45</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,851.16	1/4	2,596.75	1/4	2,342.34	1/4	2,087.93	1/4	1,833.52	1/4	1,579.28	1/4	1,325.15		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,845.86	1/2	2,591.45	1/2	2,337.04	1/2	2,082.63	1/2	1,828.22	1/2	1,573.99	1/2	1,319.85		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,840.56	3/4	2,586.15	3/4	2,331.74	3/4	2,077.33	3/4	1,822.92	3/4	1,568.70	3/4	1,314.56		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2,835.26</b>	<b>3</b>	<b>2,580.85</b>	<b>3</b>	<b>2,326.44</b>	<b>3</b>	<b>2,072.03</b>	<b>3</b>	<b>1,817.62</b>	<b>3</b>	<b>1,563.41</b>	<b>3</b>	<b>1,309.26</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,829.96	1/4	2,575.55	1/4	2,321.14	1/4	2,066.73	1/4	1,812.32	1/4	1,558.13	1/4	1,303.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,824.66	1/2	2,570.25	1/2	2,315.84	1/2	2,061.43	1/2	1,807.02	1/2	1,552.84	1/2	1,298.66		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,819.36	3/4	2,564.95	3/4	2,310.54	3/4	2,056.13	3/4	1,801.72	3/4	1,547.55	3/4	1,293.36		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>2,814.06</b>	<b>4</b>	<b>2,559.65</b>	<b>4</b>	<b>2,305.24</b>	<b>4</b>	<b>2,050.83</b>	<b>4</b>	<b>1,796.42</b>	<b>4</b>	<b>1,542.26</b>	<b>4</b>	<b>1,288.06</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,808.76	1/4	2,554.35	1/4	2,299.94	1/4	2,045.53	1/4	1,791.12	1/4	1,536.98	1/4	1,282.76		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,803.46	1/2	2,549.05	1/2	2,294.64	1/2	2,040.23	1/2	1,785.82	1/2	1,531.69	1/2	1,277.47		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,798.16	3/4	2,543.75	3/4	2,289.34	3/4	2,034.93	3/4	1,780.52	3/4	1,526.40	3/4	1,272.17		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>2,792.86</b>	<b>5</b>	<b>2,538.45</b>	<b>5</b>	<b>2,284.04</b>	<b>5</b>	<b>2,029.63</b>	<b>5</b>	<b>1,775.22</b>	<b>5</b>	<b>1,521.11</b>	<b>5</b>	<b>1,266.87</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,787.56	1/4	2,533.15	1/4	2,278.74	1/4	2,024.33	1/4	1,769.92	1/4	1,515.83	1/4	1,261.57		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,782.26	1/2	2,527.85	1/2	2,273.44	1/2	2,019.03	1/2	1,764.62	1/2	1,510.54	1/2	1,256.27		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,776.96	3/4	2,522.55	3/4	2,268.14	3/4	2,013.73	3/4	1,759.32	3/4	1,505.25	3/4	1,250.97		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>2,771.66</b>	<b>6</b>	<b>2,517.25</b>	<b>6</b>	<b>2,262.84</b>	<b>6</b>	<b>2,008.43</b>	<b>6</b>	<b>1,754.02</b>	<b>6</b>	<b>1,499.96</b>	<b>6</b>	<b>1,245.67</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,766.36	1/4	2,511.95	1/4	2,257.54	1/4	2,003.13	1/4	1,748.72	1/4	1,494.67	1/4	1,240.37		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,761.06	1/2	2,506.65	1/2	2,252.24	1/2	1,997.83	1/2	1,743.42	1/2	1,489.39	1/2	1,235.08		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,755.76	3/4	2,501.35	3/4	2,246.94	3/4	1,992.53	3/4	1,738.12	3/4	1,484.10	3/4	1,229.78		
<b>7</b>	<b>7</b>	<b>7</b>	<b>2,951.76</b>	<b>7</b>	<b>2,750.46</b>	<b>7</b>	<b>2,496.05</b>	<b>7</b>	<b>2,241.64</b>	<b>7</b>	<b>1,987.23</b>	<b>7</b>	<b>1,732.82</b>	<b>7</b>	<b>1,478.81</b>	<b>7</b>	<b>1,224.48</b>				
1/4	1/4	1/4	2,951.24	1/4	2,745.16	1/4	2,490.75	1/4	2,236.34	1/4	1,981.93	1/4	1,727.52	1/4	1,473.51	1/4	1,219.18				
1/2	1/2	1/2	2,950.72	1/2	2,739.86	1/2	2,485.45	1/2	2,231.04	1/2	1,976.63	1/2	1,722.22	1/2	1,468.21	1/2	1,213.88				
3/4	3/4	3/4	2,950.20	3/4	2,734.56	3/4	2,480.15	3/4	2,225.74	3/4	1,971.33	3/4	1,716.92	3/4	1,462.92	3/4	1,208.58				
<b>8</b>	<b>8</b>	<b>8</b>	<b>2,949.68</b>	<b>8</b>	<b>2,729.26</b>	<b>8</b>	<b>2,474.85</b>	<b>8</b>	<b>2,220.44</b>	<b>8</b>	<b>1,966.03</b>	<b>8</b>	<b>1,711.62</b>	<b>8</b>	<b>1,457.62</b>	<b>8</b>	<b>1,203.28</b>				
1/4	1/4	1/4	2,948.09	1/4	2,723.96	1/4	2,469.55	1/4	2,215.14	1/4	1,960.73	1/4	1,706.32	1/4	1,452.32	1/4	1,197.99				
1/2	1/2	1/2	2,946.51	1/2	2,718.66	1/2	2,464.25	1/2	2,209.84	1/2	1,955.43	1/2	1,701.02	1/2	1,447.02	1/2	1,192.69				
3/4	3/4	3/4	2,944.92	3/4	2,713.36	3/4	2,458.95	3/4	2,204.54	3/4	1,950.13	3/4	1,695.72	3/4	1,441.72	3/4	1,187.39				
<b>9</b>	<b>9</b>	<b>9</b>	<b>2,943.34</b>	<b>9</b>	<b>2,708.06</b>	<b>9</b>	<b>2,453.65</b>	<b>9</b>	<b>2,199.24</b>	<b>9</b>	<b>1,944.83</b>	<b>9</b>	<b>1,690.42</b>	<b>9</b>	<b>1,436.42</b>	<b>9</b>	<b>1,182.09</b>				
1/4	1/4	1/4	2,940.69	1/4	2,702.76	1/4	2,448.35	1/4	2,193.94	1/4	1,939.53	1/4	1,685.12	1/4	1,431.12	1/4	1,176.79				
1/2	1/2	1/2	2,938.05	1/2	2,697.45	1/2	2,443.05	1/2	2,188.64	1/2	1,934.23	1/2	1,679.82	1/2	1,425.83	1/2	1,171.49				
3/4	3/4	3/4	2,935.40	3/4	2,692.15	3/4	2,437.74	3/4	2,183.34	3/4	1,928.93	3/4	1,674.52	3/4	1,420.53	3/4	1,166.19				
<b>10</b>	<b>10</b>	<b>10</b>	<b>2,932.76</b>	<b>10</b>	<b>2,686.85</b>	<b>10</b>	<b>2,432.44</b>	<b>10</b>	<b>2,178.04</b>	<b>10</b>	<b>1,923.63</b>	<b>10</b>	<b>1,669.22</b>	<b>10</b>	<b>1,415.23</b>	<b>10</b>	<b>1,160.90</b>				
1/4	1/4	1/4	2,929.05	1/4	2,681.55	1/4	2,427.14	1/4	2,172.73	1/4	1,918.33	1/4	1,663.92	1/4	1,409.93	1/4	1,155.60				
1/2	1/2	1/2	2,925.34	1/2	2,676.25	1/2	2,421.84	1/2	2,167.43	1/2	1,913.03	1/2	1,658.62	1/2	1,404.63	1/2	1,150.30				
3/4	3/4	3/4	2,921.64	3/4	2,670.95	3/4	2,416.54	3/4	2,162.13	3/4	1,907.72	3/4	1,653.32	3/4	1,399.33	3/4	1,145.00				
<b>11</b>	<b>11</b>	<b>11</b>	<b>2,917.93</b>	<b>11</b>	<b>2,665.65</b>	<b>11</b>	<b>2,411.24</b>	<b>11</b>	<b>2,156.83</b>	<b>11</b>	<b>1,902.42</b>	<b>11</b>	<b>1,648.02</b>	<b>11</b>	<b>1,394.03</b>	<b>11</b>	<b>1,139.70</b>				
1/4	1/4	1/4	2,913.16	1/4	2,660.35	1/4	2,405.94	1/4	2,151.53	1/4	1,897.12	1/4	1,642.73	1/4	1,388.74	1/4	1,134.40				
1/2	1/2	1/2	2,908.40	1/2	2,655.05	1/2	2,400.64	1/2	2,146.23	1/2	1,891.82	1/2	1,637.44	1/2	1,383.44	1/2	1,129.10				
3/4	3/4	3/4	2,903.63	3/4	2,649.75	3/4	2,395.34	3/4	2,140.93	3/4	1,886.52	3/4	1,632.15	3/4	1,378.14	3/4	1,123.81				

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 30'-10" 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 "MER 12"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-07"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,118.51	0	864.17	0	609.84	0	358.88	0	105.20	0		0		0		0		0	
1/4	1,113.21	1/4	858.88	1/4	604.54	1/4	353.70	1/4	99.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,107.91	1/2	853.58	1/2	599.24	1/2	348.51	1/2	94.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,102.61	3/4	848.28	3/4	593.95	3/4	343.33	3/4	89.48	3/4		3/4		3/4		3/4		3/4	
1	1,097.31	1	842.98	1	588.65	1	338.15	1	84.24	1		1		1		1		1	
1/4	1,092.01	1/4	837.68	1/4	583.35	1/4	332.85	1/4	79.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,086.72	1/2	832.38	1/2	578.05	1/2	327.55	1/2	73.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,081.42	3/4	827.08	3/4	572.75	3/4	322.25	3/4	68.63	3/4		3/4		3/4		3/4		3/4	
2	1,076.12	2	821.79	2	567.45	2	316.95	2	63.43	2		2		2		2		2	
1/4	1,070.82	1/4	816.49	1/4	562.15	1/4	311.65	1/4	58.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,065.52	1/2	811.19	1/2	556.86	1/2	306.35	1/2	53.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,060.22	3/4	805.89	3/4	551.56	3/4	301.05	3/4	47.99	3/4		3/4		3/4		3/4		3/4	
3	1,054.92	3	800.59	3	546.26	3	295.75	3	42.85	3		3		3		3		3	
1/4	1,049.63	1/4	795.29	1/4	540.96	1/4	290.45	1/4	38.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,044.33	1/2	789.99	1/2	535.66	1/2	285.15	1/2	33.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,039.03	3/4	784.70	3/4	530.36	3/4	279.85	3/4	28.97	3/4		3/4		3/4		3/4		3/4	
4	1,033.73	4	779.40	4	525.06	4	274.55	4	24.35	4		4		4		4		4	
1/4	1,028.43	1/4	774.10	1/4	519.77	1/4	269.25	1/4	21.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,023.13	1/2	768.80	1/2	514.47	1/2	263.96	1/2	17.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,017.83	3/4	763.50	3/4	509.17	3/4	258.66	3/4	14.39	3/4		3/4		3/4		3/4		3/4	
5	1,012.54	5	758.20	5	503.87	5	253.36	5	11.08	5		5		5		5		5	
1/4	1,007.24	1/4	752.90	1/4	498.69	1/4	248.06	1/4	9.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,001.94	1/2	747.61	1/2	493.52	1/2	242.76	1/2	7.09	1/2		1/2		1/2		1/2		1/2	
3/4	996.64	3/4	742.31	3/4	488.34	3/4	237.46	3/4	5.10	3/4		3/4		3/4		3/4		3/4	
6	991.34	6	737.01	6	483.16	6	232.16	6	3.11	6		6		6		6		6	
1/4	986.04	1/4	731.71	1/4	477.98	1/4	226.86	1/4	2.45	1/4		1/4		1/4		1/4		1/4	
1/2	980.74	1/2	726.41	1/2	472.81	1/2	221.56	1/2	1.79	1/2		1/2		1/2		1/2		1/2	
3/4	975.44	3/4	721.11	3/4	467.63	3/4	216.26	3/4	1.12	3/4		3/4		3/4		3/4		3/4	
7	970.15	7	715.81	7	462.45	7	210.96	7	0.46	7		7		7		7		7	
1/4	964.85	1/4	710.51	1/4	457.28	1/4	205.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	959.55	1/2	705.22	1/2	452.10	1/2	200.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	954.25	3/4	699.92	3/4	446.92	3/4	195.06	3/4		3/4		3/4		3/4		3/4		3/4	
8	948.95	8	694.62	8	441.74	8	189.76	8		8		8		8		8		8	
1/4	943.65	1/4	689.32	1/4	436.57	1/4	184.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	938.35	1/2	684.02	1/2	431.39	1/2	179.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	933.06	3/4	678.72	3/4	426.21	3/4	173.87	3/4		3/4		3/4		3/4		3/4		3/4	
9	927.76	9	673.42	9	421.03	9	168.57	9		9		9		9		9		9	
1/4	922.46	1/4	668.13	1/4	415.85	1/4	163.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	917.16	1/2	662.83	1/2	410.68	1/2	157.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	911.86	3/4	657.53	3/4	405.50	3/4	152.69	3/4		3/4		3/4		3/4		3/4		3/4	
10	906.56	10	652.23	10	400.32	10	147.40	10		10		10		10		10		10	
1/4	901.26	1/4	646.93	1/4	395.14	1/4	142.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	895.97	1/2	641.63	1/2	389.97	1/2	136.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	890.67	3/4	636.33	3/4	384.79	3/4	131.55	3/4		3/4		3/4		3/4		3/4		3/4	
11	885.37	11	631.04	11	379.61	11	126.26	11		11		11		11		11		11	
1/4	880.07	1/4	625.74	1/4	374.43	1/4	121.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	874.77	1/2	620.44	1/2	369.24	1/2	115.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	869.47	3/4	615.14	3/4	364.06	3/4	110.47	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/13/2009 SW  
CALCULATED: 04/15/2009 CL  
PRINTED: 04/16/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2009

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



# BARGE "MER 12"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-06"

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
							2,868.92		2,615.42		2,361.93		2,108.44		1,854.94		1,601.45		1,347.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,863.63	1/4	2,610.14	1/4	2,356.65	1/4	2,103.16	1/4	1,849.66	1/4	1,596.17	1/4	1,342.68		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,858.35	1/2	2,604.86	1/2	2,351.37	1/2	2,097.87	1/2	1,844.38	1/2	1,590.89	1/2	1,337.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,853.07	3/4	2,599.58	3/4	2,346.09	3/4	2,092.59	3/4	1,839.10	3/4	1,585.61	3/4	1,332.12		
1	1	1	1	1	1	1	2,847.79	1	2,594.30	1	2,340.81	1	2,087.31	1	1,833.82	1	1,581.33	1	1,328.83		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,842.51	1/4	2,589.02	1/4	2,335.52	1/4	2,082.03	1/4	1,828.54	1/4	1,575.05	1/4	1,324.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,837.23	1/2	2,583.74	1/2	2,330.24	1/2	2,076.75	1/2	1,823.26	1/2	1,569.76	1/2	1,319.99		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,831.95	3/4	2,578.45	3/4	2,324.96	3/4	2,071.47	3/4	1,817.98	3/4	1,564.48	3/4	1,315.99		
2	2	2	2	2	2	2	2,826.67	2	2,573.17	2	2,319.68	2	2,066.19	2	1,812.70	2	1,559.20	2	1,311.71		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,821.39	1/4	2,567.89	1/4	2,314.40	1/4	2,060.91	1/4	1,807.41	1/4	1,553.92	1/4	1,307.43		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,816.10	1/2	2,562.61	1/2	2,309.12	1/2	2,055.63	1/2	1,802.13	1/2	1,548.64	1/2	1,299.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,810.82	3/4	2,557.33	3/4	2,303.84	3/4	2,050.34	3/4	1,796.85	3/4	1,543.36	3/4	1,294.87		
3	3	3	3	3	3	3	2,805.54	3	2,552.05	3	2,298.56	3	2,045.06	3	1,791.57	3	1,538.08	3	1,289.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,800.26	1/4	2,546.77	1/4	2,293.28	1/4	2,039.78	1/4	1,786.29	1/4	1,532.80	1/4	1,285.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,794.98	1/2	2,541.49	1/2	2,287.99	1/2	2,034.50	1/2	1,781.01	1/2	1,527.52	1/2	1,279.02		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,789.70	3/4	2,536.21	3/4	2,282.71	3/4	2,029.22	3/4	1,775.73	3/4	1,522.23	3/4	1,274.74		
4	4	4	4	4	4	4	2,784.42	4	2,530.92	4	2,277.43	4	2,023.94	4	1,770.45	4	1,516.95	4	1,269.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,779.14	1/4	2,525.64	1/4	2,272.15	1/4	2,018.66	1/4	1,765.17	1/4	1,511.67	1/4	1,265.18		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,773.86	1/2	2,520.36	1/2	2,266.87	1/2	2,013.38	1/2	1,759.88	1/2	1,506.39	1/2	1,259.90		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,768.57	3/4	2,515.08	3/4	2,261.59	3/4	2,008.10	3/4	1,754.60	3/4	1,501.11	3/4	1,247.62		
5	5	5	5	5	5	5	2,763.29	5	2,509.80	5	2,256.31	5	2,002.81	5	1,749.32	5	1,495.83	5	1,242.34		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,758.01	1/4	2,504.52	1/4	2,251.03	1/4	1,997.53	1/4	1,744.04	1/4	1,490.55	1/4	1,237.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,752.73	1/2	2,499.24	1/2	2,245.75	1/2	1,992.25	1/2	1,738.76	1/2	1,485.27	1/2	1,231.77		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,747.45	3/4	2,493.96	3/4	2,240.46	3/4	1,986.97	3/4	1,733.48	3/4	1,479.99	3/4	1,226.49		
6	6	6	6	6	6	6	2,942.85	6	2,742.17	6	2,488.68	6	2,235.18	6	1,981.69	6	1,728.20	6	1,474.70	6	1,221.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,942.32	1/4	2,736.89	1/4	2,483.39	1/4	2,229.90	1/4	1,976.41	1/4	1,722.92	1/4	1,469.42	1/4	1,215.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,941.80	1/2	2,731.61	1/2	2,478.11	1/2	2,224.62	1/2	1,971.13	1/2	1,717.64	1/2	1,464.14	1/2	1,210.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,941.27	3/4	2,726.33	3/4	2,472.83	3/4	2,219.34	3/4	1,965.85	3/4	1,712.35	3/4	1,458.86	3/4	1,205.37
7	7	7	7	7	7	7	2,940.74	7	2,721.04	7	2,467.55	7	2,214.06	7	1,960.57	7	1,707.07	7	1,453.58	7	1,200.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,939.15	1/4	2,715.76	1/4	2,462.27	1/4	2,208.78	1/4	1,955.28	1/4	1,701.79	1/4	1,448.30	1/4	1,194.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,937.57	1/2	2,710.48	1/2	2,456.99	1/2	2,203.50	1/2	1,950.00	1/2	1,696.51	1/2	1,443.02	1/2	1,189.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,935.99	3/4	2,705.20	3/4	2,451.71	3/4	2,198.22	3/4	1,944.72	3/4	1,691.23	3/4	1,437.74	3/4	1,184.24
8	8	8	8	8	8	8	2,934.40	8	2,699.92	8	2,446.43	8	2,192.93	8	1,939.44	8	1,685.95	8	1,432.46	8	1,178.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,931.76	1/4	2,694.64	1/4	2,441.15	1/4	2,187.65	1/4	1,934.16	1/4	1,680.67	1/4	1,427.17	1/4	1,173.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,929.12	1/2	2,689.36	1/2	2,435.86	1/2	2,182.37	1/2	1,928.88	1/2	1,675.39	1/2	1,421.89	1/2	1,168.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,926.48	3/4	2,684.08	3/4	2,430.58	3/4	2,177.09	3/4	1,923.60	3/4	1,670.11	3/4	1,416.61	3/4	1,163.12
9	9	9	9	9	9	9	2,923.84	9	2,678.80	9	2,425.30	9	2,171.81	9	1,918.32	9	1,664.82	9	1,411.33	9	1,157.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,920.14	1/4	2,673.51	1/4	2,420.02	1/4	2,166.53	1/4	1,913.04	1/4	1,659.54	1/4	1,406.05	1/4	1,152.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,916.45	1/2	2,668.23	1/2	2,414.74	1/2	2,161.25	1/2	1,907.75	1/2	1,654.26	1/2	1,400.77	1/2	1,147.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,912.75	3/4	2,662.95	3/4	2,409.46	3/4	2,155.97	3/4	1,902.47	3/4	1,648.98	3/4	1,395.49	3/4	1,142.00
10	10	10	10	10	10	10	2,909.05	10	2,657.67	10	2,404.18	10	2,150.69	10	1,897.19	10	1,643.70	10	1,390.21	10	1,136.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,904.30	1/4	2,652.39	1/4	2,398.90	1/4	2,145.40	1/4	1,891.91	1/4	1,638.42	1/4	1,384.93	1/4	1,131.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,899.55	1/2	2,647.11	1/2	2,393.62	1/2	2,140.12	1/2	1,886.63	1/2	1,633.14	1/2	1,379.64	1/2	1,126.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,894.79	3/4	2,641.83	3/4	2,388.34	3/4	2,134.84	3/4	1,881.35	3/4	1,627.86	3/4	1,374.36	3/4	1,120.87
11	11	11	11	11	11	11	2,890.04	11	2,636.55	11	2,383.05	11	2,129.56	11	1,876.07	11	1,622.58	11	1,369.08	11	1,115.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,884.76	1/4	2,631.27	1/4	2,377.77	1/4	2,124.28	1/4	1,870.79	1/4	1,617.29	1/4	1,363.80	1/4	1,110.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,879.48	1/2	2,625.98	1/2	2,372.49	1/2	2,119.00	1/2	1,865.51	1/2	1,612.01	1/2	1,358.52	1/2	1,105.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,874.20	3/4	2,620.70	3/4	2,367.21	3/4	2,113.72	3/4	1,860.23	3/4	1,606.73	3/4	1,353.24	3/4	1,099.75

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 31'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "MER 12"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,094.47	0	840.97	0	587.48	0	336.66	0	83.80	0		0		0		0		0	
1/4	1,089.18	1/4	835.69	1/4	582.20	1/4	331.38	1/4	78.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,083.90	1/2	830.41	1/2	576.92	1/2	326.10	1/2	73.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,078.62	3/4	825.13	3/4	571.64	3/4	320.82	3/4	68.27	3/4		3/4		3/4		3/4		3/4	
1	1,073.34	1	819.85	1	566.36	1	315.53	1	63.09	1		1		1		1		1	
1/4	1,068.06	1/4	814.57	1/4	561.07	1/4	310.25	1/4	57.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,062.78	1/2	809.29	1/2	555.79	1/2	304.97	1/2	52.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,057.50	3/4	804.01	3/4	550.51	3/4	299.69	3/4	47.74	3/4		3/4		3/4		3/4		3/4	
2	1,052.22	2	798.72	2	545.23	2	294.41	2	42.62	2		2		2		2		2	
1/4	1,046.94	1/4	793.44	1/4	539.95	1/4	289.13	1/4	38.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,041.65	1/2	788.16	1/2	534.67	1/2	283.85	1/2	33.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,036.37	3/4	782.88	3/4	529.39	3/4	278.57	3/4	28.82	3/4		3/4		3/4		3/4		3/4	
3	1,031.09	3	777.60	3	524.11	3	273.29	3	24.22	3		3		3		3		3	
1/4	1,025.81	1/4	772.32	1/4	518.83	1/4	268.01	1/4	20.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,020.53	1/2	767.04	1/2	513.54	1/2	262.73	1/2	17.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,015.25	3/4	761.76	3/4	508.26	3/4	257.45	3/4	14.32	3/4		3/4		3/4		3/4		3/4	
4	1,009.97	4	756.48	4	502.98	4	252.17	4	11.02	4		4		4		4		4	
1/4	1,004.69	1/4	751.19	1/4	497.71	1/4	246.89	1/4	9.04	1/4		1/4		1/4		1/4		1/4	
1/2	999.41	1/2	745.91	1/2	492.44	1/2	241.61	1/2	7.06	1/2		1/2		1/2		1/2		1/2	
3/4	994.12	3/4	740.63	3/4	487.16	3/4	236.33	3/4	5.08	3/4		3/4		3/4		3/4		3/4	
5	988.84	5	735.35	5	481.89	5	231.05	5	3.10	5		5		5		5		5	
1/4	983.56	1/4	730.07	1/4	476.72	1/4	225.77	1/4	2.44	1/4		1/4		1/4		1/4		1/4	
1/2	978.28	1/2	724.79	1/2	471.55	1/2	220.49	1/2	1.78	1/2		1/2		1/2		1/2		1/2	
3/4	973.00	3/4	719.51	3/4	466.37	3/4	215.21	3/4	1.12	3/4		3/4		3/4		3/4		3/4	
6	967.72	6	714.23	6	461.20	6	209.92	6	0.46	6		6		6		6		6	
1/4	962.44	1/4	708.95	1/4	456.03	1/4	204.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	957.16	1/2	703.66	1/2	450.86	1/2	199.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	951.88	3/4	698.38	3/4	445.69	3/4	194.08	3/4		3/4		3/4		3/4		3/4		3/4	
7	946.59	7	693.10	7	440.51	7	188.80	7		7		7		7		7		7	
1/4	941.31	1/4	687.82	1/4	435.34	1/4	183.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	936.03	1/2	682.54	1/2	430.17	1/2	178.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	930.75	3/4	677.26	3/4	425.00	3/4	172.97	3/4		3/4		3/4		3/4		3/4		3/4	
8	925.47	8	671.98	8	419.82	8	167.70	8		8		8		8		8		8	
1/4	920.19	1/4	666.70	1/4	414.65	1/4	162.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	914.91	1/2	661.42	1/2	409.48	1/2	157.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	909.63	3/4	656.13	3/4	404.31	3/4	151.89	3/4		3/4		3/4		3/4		3/4		3/4	
9	904.35	9	650.85	9	399.13	9	146.62	9		9		9		9		9		9	
1/4	899.06	1/4	645.57	1/4	393.96	1/4	141.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	893.78	1/2	640.29	1/2	388.79	1/2	136.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	888.50	3/4	635.01	3/4	383.61	3/4	130.85	3/4		3/4		3/4		3/4		3/4		3/4	
10	883.22	10	629.73	10	378.44	10	125.60	10		10		10		10		10		10	
1/4	877.94	1/4	624.45	1/4	373.27	1/4	120.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	872.66	1/2	619.17	1/2	368.09	1/2	115.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	867.38	3/4	613.89	3/4	362.92	3/4	109.88	3/4		3/4		3/4		3/4		3/4		3/4	
11	862.10	11	608.60	11	357.75	11	104.65	11		11		11		11		11		11	
1/4	856.82	1/4	603.32	1/4	352.47	1/4	99.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	851.53	1/2	598.04	1/2	347.20	1/2	94.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	846.25	3/4	592.76	3/4	341.93	3/4	89.01	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/13/2009 SW  
CALCULATED: 04/15/2009 CL  
PRINTED: 04/16/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2009

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



# BARGE "MER 12"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-06 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	2,859.18	0	2,607.22	0	2,355.27	0	2,103.31	0	1,851.35	0	1,599.40	0	1,347.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,853.93	1/4	2,601.98	1/4	2,350.02	1/4	2,098.06	1/4	1,846.11	1/4	1,594.15	1/4	1,342.19		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,848.68	1/2	2,596.73	1/2	2,344.77	1/2	2,092.81	1/2	1,840.86	1/2	1,588.90	1/2	1,336.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,843.43	3/4	2,591.48	3/4	2,339.52	3/4	2,087.56	3/4	1,835.61	3/4	1,583.65	3/4	1,331.69		
1		1		1		1	2,838.19	1	2,586.23	1	2,334.27	1	2,082.31	1	1,830.36	1	1,578.40	1	1,326.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,832.94	1/4	2,580.98	1/4	2,329.02	1/4	2,077.07	1/4	1,825.11	1/4	1,573.15	1/4	1,321.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,827.69	1/2	2,575.73	1/2	2,323.77	1/2	2,071.82	1/2	1,819.86	1/2	1,567.90	1/2	1,315.95		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,822.44	3/4	2,570.48	3/4	2,318.52	3/4	2,066.57	3/4	1,814.61	3/4	1,562.65	3/4	1,310.70		
2		2		2		2	2,817.19	2	2,565.23	2	2,313.28	2	2,061.32	2	1,809.36	2	1,557.40	2	1,305.45		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,811.94	1/4	2,559.98	1/4	2,308.03	1/4	2,056.07	1/4	1,804.11	1/4	1,552.16	1/4	1,300.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,806.69	1/2	2,554.73	1/2	2,302.78	1/2	2,050.82	1/2	1,798.86	1/2	1,546.91	1/2	1,294.95		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,801.44	3/4	2,549.48	3/4	2,297.53	3/4	2,045.57	3/4	1,793.61	3/4	1,541.66	3/4	1,289.70		
3		3		3		3	2,796.19	3	2,544.24	3	2,292.28	3	2,040.32	3	1,788.37	3	1,536.41	3	1,284.45		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,790.94	1/4	2,538.99	1/4	2,287.03	1/4	2,035.07	1/4	1,783.12	1/4	1,531.16	1/4	1,279.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,785.69	1/2	2,533.74	1/2	2,281.78	1/2	2,029.82	1/2	1,777.87	1/2	1,525.91	1/2	1,273.95		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,780.45	3/4	2,528.49	3/4	2,276.53	3/4	2,024.57	3/4	1,772.62	3/4	1,520.66	3/4	1,268.70		
4		4		4		4	2,775.20	4	2,523.24	4	2,271.28	4	2,019.33	4	1,767.37	4	1,515.41	4	1,263.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,769.95	1/4	2,517.99	1/4	2,266.03	1/4	2,014.08	1/4	1,762.12	1/4	1,510.16	1/4	1,258.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,764.70	1/2	2,512.74	1/2	2,260.78	1/2	2,008.83	1/2	1,756.87	1/2	1,504.91	1/2	1,252.96		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,759.45	3/4	2,507.49	3/4	2,255.54	3/4	2,003.58	3/4	1,751.62	3/4	1,499.66	3/4	1,247.71		
5		5		5		5	2,754.20	5	2,502.24	5	2,250.29	5	1,998.33	5	1,746.37	5	1,494.42	5	1,242.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,748.95	1/4	2,496.99	1/4	2,245.04	1/4	1,993.08	1/4	1,741.12	1/4	1,489.17	1/4	1,237.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,743.70	1/2	2,491.74	1/2	2,239.79	1/2	1,987.83	1/2	1,735.87	1/2	1,483.92	1/2	1,231.96		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,738.45	3/4	2,486.50	3/4	2,234.54	3/4	1,982.58	3/4	1,730.63	3/4	1,478.67	3/4	1,226.71		
6		6		6		6	2,733.20	6	2,481.25	6	2,229.29	6	1,977.33	6	1,725.38	6	1,473.42	6	1,221.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,927.39	1/4	2,727.95	1/4	2,476.00	1/4	2,224.04	1/4	1,972.08	1/4	1,720.13	1/4	1,468.17	1/4	1,216.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,926.87	1/2	2,722.70	1/2	2,470.75	1/2	2,218.79	1/2	1,966.83	1/2	1,714.88	1/2	1,462.92	1/2	1,210.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,926.35	3/4	2,717.46	3/4	2,465.50	3/4	2,213.54	3/4	1,961.59	3/4	1,709.63	3/4	1,457.67	3/4	1,205.72
7		7		7		7	2,925.82	7	2,712.21	7	2,460.25	7	2,208.29	7	1,956.34	7	1,704.38	7	1,452.42	7	1,200.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,925.30	1/4	2,706.96	1/4	2,455.00	1/4	2,203.04	1/4	1,951.09	1/4	1,699.13	1/4	1,447.17	1/4	1,195.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,923.72	1/2	2,701.71	1/2	2,449.75	1/2	2,197.79	1/2	1,945.84	1/2	1,693.88	1/2	1,441.92	1/2	1,189.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,922.15	3/4	2,696.46	3/4	2,444.50	3/4	2,192.55	3/4	1,940.59	3/4	1,688.63	3/4	1,436.68	3/4	1,184.72
8		8		8		8	2,920.57	8	2,691.21	8	2,439.25	8	2,187.30	8	1,935.34	8	1,683.38	8	1,431.43	8	1,179.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,919.00	1/4	2,685.96	1/4	2,434.00	1/4	2,182.05	1/4	1,930.09	1/4	1,678.13	1/4	1,426.18	1/4	1,174.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,916.37	1/2	2,680.71	1/2	2,428.76	1/2	2,176.80	1/2	1,924.84	1/2	1,672.88	1/2	1,420.93	1/2	1,168.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,913.75	3/4	2,675.46	3/4	2,423.51	3/4	2,171.55	3/4	1,919.59	3/4	1,667.64	3/4	1,415.68	3/4	1,163.72
9		9		9		9	2,911.12	9	2,670.21	9	2,418.26	9	2,166.30	9	1,914.34	9	1,662.39	9	1,410.43	9	1,158.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,908.50	1/4	2,664.96	1/4	2,413.01	1/4	2,161.05	1/4	1,909.09	1/4	1,657.14	1/4	1,405.18	1/4	1,153.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,904.82	1/2	2,659.72	1/2	2,407.76	1/2	2,155.80	1/2	1,903.85	1/2	1,651.89	1/2	1,399.93	1/2	1,147.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,901.15	3/4	2,654.47	3/4	2,402.51	3/4	2,150.55	3/4	1,898.60	3/4	1,646.64	3/4	1,394.68	3/4	1,142.73
10		10		10		10	2,897.48	10	2,649.22	10	2,397.26	10	2,145.30	10	1,893.35	10	1,641.39	10	1,389.43	10	1,137.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,893.80	1/4	2,643.97	1/4	2,392.01	1/4	2,140.05	1/4	1,888.10	1/4	1,636.14	1/4	1,384.18	1/4	1,132.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,889.08	1/2	2,638.72	1/2	2,386.76	1/2	2,134.81	1/2	1,882.85	1/2	1,630.89	1/2	1,378.94	1/2	1,126.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,884.37	3/4	2,633.47	3/4	2,381.51	3/4	2,129.56	3/4	1,877.60	3/4	1,625.64	3/4	1,373.69	3/4	1,121.73
11		11		11		11	2,879.65	11	2,628.22	11	2,376.26	11	2,124.31	11	1,872.35	11	1,620.39	11	1,368.44	11	1,116.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,874.93	1/4	2,622.97	1/4	2,371.02	1/4	2,119.06	1/4	1,867.10	1/4	1,615.14	1/4	1,363.19	1/4	1,111.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,869.68	1/2	2,617.72	1/2	2,365.77	1/2	2,113.81	1/2	1,861.85	1/2	1,609.90	1/2	1,357.94	1/2	1,105.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,864.43	3/4	2,612.47	3/4	2,360.52	3/4	2,108.56	3/4	1,856.60	3/4	1,604.65	3/4	1,352.69	3/4	1,100.73

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-10" 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 "MER 12"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-06 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	1,095.48	0	843.53	0	591.57	0	339.89	0	88.48	0		0		0		0		0	
1/4	1,090.23	1/4	838.28	1/4	586.32	1/4	334.64	1/4	83.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,084.99	1/2	833.03	1/2	581.07	1/2	329.39	1/2	78.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,079.74	3/4	827.78	3/4	575.82	3/4	324.14	3/4	73.01	3/4		3/4		3/4		3/4		3/4	
1	1,074.49	1	822.53	1	570.57	1	318.90	1	67.87	1		1		1		1		1	
1/4	1,069.24	1/4	817.28	1/4	565.32	1/4	313.65	1/4	62.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,063.99	1/2	812.03	1/2	560.08	1/2	308.40	1/2	57.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,058.74	3/4	806.78	3/4	554.83	3/4	303.15	3/4	52.55	3/4		3/4		3/4		3/4		3/4	
2	1,053.49	2	801.53	2	549.58	2	297.90	2	47.46	2		2		2		2		2	
1/4	1,048.24	1/4	796.29	1/4	544.33	1/4	292.65	1/4	42.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,042.99	1/2	791.04	1/2	539.08	1/2	287.40	1/2	37.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,037.74	3/4	785.79	3/4	533.83	3/4	282.15	3/4	33.23	3/4		3/4		3/4		3/4		3/4	
3	1,032.49	3	780.54	3	528.58	3	276.90	3	28.65	3		3		3		3		3	
1/4	1,027.25	1/4	775.29	1/4	523.33	1/4	271.66	1/4	24.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,022.00	1/2	770.04	1/2	518.08	1/2	266.41	1/2	20.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,016.75	3/4	764.79	3/4	512.83	3/4	261.16	3/4	17.52	3/4		3/4		3/4		3/4		3/4	
4	1,011.50	4	759.54	4	507.58	4	255.91	4	14.24	4		4		4		4		4	
1/4	1,006.25	1/4	754.29	1/4	502.34	1/4	250.66	1/4	10.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,001.00	1/2	749.04	1/2	497.09	1/2	245.41	1/2	8.99	1/2		1/2		1/2		1/2		1/2	
3/4	995.75	3/4	743.79	3/4	491.84	3/4	240.16	3/4	7.02	3/4		3/4		3/4		3/4		3/4	
5	990.50	5	738.55	5	486.59	5	234.91	5	5.05	5		5		5		5		5	
1/4	985.25	1/4	733.30	1/4	481.34	1/4	229.67	1/4	3.09	1/4		1/4		1/4		1/4		1/4	
1/2	980.00	1/2	728.05	1/2	476.10	1/2	224.42	1/2	2.43	1/2		1/2		1/2		1/2		1/2	
3/4	974.75	3/4	722.80	3/4	470.86	3/4	219.17	3/4	1.77	3/4		3/4		3/4		3/4		3/4	
6	969.51	6	717.55	6	465.63	6	213.92	6	1.12	6		6		6		6		6	
1/4	964.26	1/4	712.30	1/4	460.39	1/4	208.67	1/4	0.46	1/4		1/4		1/4		1/4		1/4	
1/2	959.01	1/2	707.05	1/2	455.15	1/2	203.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	953.76	3/4	701.80	3/4	449.91	3/4	198.17	3/4		3/4		3/4		3/4		3/4		3/4	
7	948.51	7	696.55	7	444.68	7	192.92	7		7		7		7		7		7	
1/4	943.26	1/4	691.30	1/4	439.44	1/4	187.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	938.01	1/2	686.05	1/2	434.20	1/2	182.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	932.76	3/4	680.81	3/4	428.96	3/4	177.19	3/4		3/4		3/4		3/4		3/4		3/4	
8	927.51	8	675.56	8	423.73	8	171.94	8		8		8		8		8		8	
1/4	922.26	1/4	670.31	1/4	418.49	1/4	166.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	917.01	1/2	665.06	1/2	413.25	1/2	161.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	911.77	3/4	659.81	3/4	408.01	3/4	156.22	3/4		3/4		3/4		3/4		3/4		3/4	
9	906.52	9	654.56	9	402.78	9	150.98	9		9		9		9		9		9	
1/4	901.27	1/4	649.31	1/4	397.54	1/4	145.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	896.02	1/2	644.06	1/2	392.30	1/2	140.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	890.77	3/4	638.81	3/4	387.06	3/4	135.30	3/4		3/4		3/4		3/4		3/4		3/4	
10	885.52	10	633.56	10	381.83	10	130.07	10		10		10		10		10		10	
1/4	880.27	1/4	628.31	1/4	376.59	1/4	124.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	875.02	1/2	623.06	1/2	371.35	1/2	119.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	869.77	3/4	617.82	3/4	366.11	3/4	114.44	3/4		3/4		3/4		3/4		3/4		3/4	
11	864.52	11	612.57	11	360.87	11	109.23	11		11		11		11		11		11	
1/4	859.27	1/4	607.32	1/4	355.64	1/4	104.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	854.03	1/2	602.07	1/2	350.39	1/2	98.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	848.78	3/4	596.82	3/4	345.14	3/4	93.66	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/13/2009 SW  
CALCULATED: 04/15/2009 CL  
PRINTED: 04/16/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2009

PRECISION MEASUREMENT  
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