



# BARGE "DBL 106"

## 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	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
3 CENTER	- 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

(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 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 160'-06"

September 19, 2014

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

<http://www.pmacorp.net>



# BARGE "DBL 106"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18' 11 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
										144,199		134,766		125,300		115,833		106,011			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,004	1/4	134,569	1/4	125,102	1/4	115,636	1/4	105,787			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,808	1/2	134,372	1/2	124,905	1/2	115,439	1/2	105,562			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,613	3/4	134,174	3/4	124,708	3/4	115,242	3/4	105,338			
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>151,706</b>	<b>1</b>	<b>143,417</b>	<b>1</b>	<b>133,977</b>	<b>1</b>	<b>124,511</b>	<b>1</b>	<b>115,045</b>	<b>1</b>	<b>105,114</b>			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,672	1/4	143,222	1/4	133,780	1/4	124,314	1/4	114,847	1/4	104,889			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,639	1/2	143,026	1/2	133,583	1/2	124,116	1/2	114,650	1/2	104,665			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,605	3/4	142,831	3/4	133,386	3/4	123,919	3/4	114,453	3/4	104,441			
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>151,525</b>	<b>2</b>	<b>142,635</b>	<b>2</b>	<b>133,188</b>	<b>2</b>	<b>123,722</b>	<b>2</b>	<b>114,256</b>	<b>2</b>	<b>104,217</b>			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,445	1/4	142,440	1/4	132,991	1/4	123,525	1/4	114,058	1/4	103,992			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,364	1/2	142,244	1/2	132,794	1/2	123,328	1/2	113,861	1/2	103,768			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,284	3/4	142,049	3/4	132,597	3/4	123,130	3/4	113,664	3/4	103,544			
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>151,117</b>	<b>3</b>	<b>141,854</b>	<b>3</b>	<b>132,399</b>	<b>3</b>	<b>122,933</b>	<b>3</b>	<b>113,467</b>	<b>3</b>	<b>103,320</b>			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,950	1/4	141,658	1/4	132,202	1/4	122,736	1/4	113,270	1/4	103,095			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,782	1/2	141,463	1/2	132,005	1/2	122,539	1/2	113,072	1/2	102,871			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,615	3/4	141,267	3/4	131,808	3/4	122,341	3/4	112,875	3/4	102,647			
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>150,423</b>	<b>4</b>	<b>141,072</b>	<b>4</b>	<b>131,611</b>	<b>4</b>	<b>122,144</b>	<b>4</b>	<b>112,678</b>	<b>4</b>	<b>102,423</b>			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,230	1/4	140,876	1/4	131,413	1/4	121,947	1/4	112,481	1/4	102,198			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,037	1/2	140,681	1/2	131,216	1/2	121,750	1/2	112,284	1/2	101,974			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,845	3/4	140,485	3/4	131,019	3/4	121,553	3/4	112,086	3/4	101,750			
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>149,652</b>	<b>5</b>	<b>140,288</b>	<b>5</b>	<b>130,822</b>	<b>5</b>	<b>121,355</b>	<b>5</b>	<b>111,889</b>	<b>5</b>	<b>101,525</b>			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,460	1/4	140,091	1/4	130,625	1/4	121,158	1/4	111,692	1/4	101,301			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,267	1/2	139,894	1/2	130,427	1/2	120,961	1/2	111,495	1/2	101,077			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,074	3/4	139,696	3/4	130,230	3/4	120,764	3/4	111,297	3/4	100,853			
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>148,882</b>	<b>6</b>	<b>139,499</b>	<b>6</b>	<b>130,033</b>	<b>6</b>	<b>120,567</b>	<b>6</b>	<b>111,100</b>	<b>6</b>	<b>100,628</b>			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,689	1/4	139,302	1/4	129,836	1/4	120,369	1/4	110,903	1/4	100,404			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,497	1/2	139,105	1/2	129,638	1/2	120,172	1/2	110,706	1/2	100,180			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,304	3/4	138,908	3/4	129,441	3/4	119,975	3/4	110,509	3/4	99,956			
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>148,109</b>	<b>7</b>	<b>138,710</b>	<b>7</b>	<b>129,244</b>	<b>7</b>	<b>119,778</b>	<b>7</b>	<b>110,311</b>	<b>7</b>	<b>99,731</b>			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,913	1/4	138,513	1/4	129,047	1/4	119,580	1/4	110,114	1/4	99,507			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,718	1/2	138,316	1/2	128,850	1/2	119,383	1/2	109,917	1/2	99,283			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,522	3/4	138,119	3/4	128,652	3/4	119,186	3/4	109,720	3/4	99,058			
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>147,327</b>	<b>8</b>	<b>137,921</b>	<b>8</b>	<b>128,455</b>	<b>8</b>	<b>118,989</b>	<b>8</b>	<b>109,523</b>	<b>8</b>	<b>98,834</b>			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,131	1/4	137,724	1/4	128,258	1/4	118,792	1/4	109,325	1/4	98,610			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,936	1/2	137,527	1/2	128,061	1/2	118,594	1/2	109,128	1/2	98,386			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,740	3/4	137,330	3/4	127,864	3/4	118,397	3/4	108,931	3/4	98,161			
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>146,545</b>	<b>9</b>	<b>137,133</b>	<b>9</b>	<b>127,666</b>	<b>9</b>	<b>118,200</b>	<b>9</b>	<b>108,706</b>	<b>9</b>	<b>97,937</b>			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,349	1/4	136,935	1/4	127,469	1/4	118,003	1/4	108,481	1/4	97,713			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,154	1/2	136,738	1/2	127,272	1/2	117,806	1/2	108,256	1/2	97,489			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,958	3/4	136,541	3/4	127,075	3/4	117,608	3/4	108,032	3/4	97,264			
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>145,763</b>	<b>10</b>	<b>136,344</b>	<b>10</b>	<b>126,877</b>	<b>10</b>	<b>117,411</b>	<b>10</b>	<b>107,807</b>	<b>10</b>	<b>97,040</b>			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,567	1/4	136,147	1/4	126,680	1/4	117,214	1/4	107,582	1/4	96,816			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,372	1/2	135,949	1/2	126,483	1/2	117,017	1/2	107,357	1/2	96,591			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,177	3/4	135,752	3/4	126,286	3/4	116,819	3/4	107,132	3/4	96,367			
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>144,981</b>	<b>11</b>	<b>135,555</b>	<b>11</b>	<b>126,089</b>	<b>11</b>	<b>116,622</b>	<b>11</b>	<b>106,908</b>	<b>11</b>	<b>96,143</b>			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,786	1/4	135,358	1/4	125,891	1/4	116,425	1/4	106,684	1/4	95,919			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,590	1/2	135,160	1/2	125,694	1/2	116,228	1/2	106,459	1/2	95,694			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,395	3/4	134,963	3/4	125,497	3/4	116,031	3/4	106,235	3/4	95,470			

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 INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 26'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 106"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18' 11 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	95,246	0	84,481	0	73,712	0	62,942	0	52,173	0	41,514	0	30,750	0	19,985	0	9,458	0	
1/4	95,022	1/4	84,256	1/4	73,488	1/4	62,718	1/4	51,949	1/4	41,290	1/4	30,525	1/4	19,761	1/4	9,234	1/4	
0.5	94,797	1/2	84,032	1/2	73,263	1/2	62,494	1/2	51,724	1/2	41,066	1/2	30,301	1/2	19,536	1/2	9,010	1/2	
3/4	94,573	3/4	83,808	3/4	73,039	3/4	62,269	3/4	51,500	3/4	40,841	3/4	30,077	3/4	19,312	3/4	8,785	3/4	
1	94,349	1	83,584	1	72,814	1	62,045	1	51,276	1	40,617	1	29,852	1	19,094	1	8,561	1	
1/4	94,124	1/4	83,359	1/4	72,590	1/4	61,821	1/4	51,051	1/4	40,393	1/4	29,628	1/4	18,875	1/4	8,337	1/4	
1/2	93,900	1/2	83,135	1/2	72,366	1/2	61,596	1/2	50,827	1/2	40,169	1/2	29,404	1/2	18,657	1/2	8,112	1/2	
3/4	93,676	3/4	82,911	3/4	72,141	3/4	61,372	3/4	50,602	3/4	39,944	3/4	29,180	3/4	18,439	3/4	7,888	3/4	
2	93,452	2	82,686	2	71,917	2	61,148	2	50,380	2	39,720	2	28,955	2	18,220	2	7,664	2	
1/4	93,227	1/4	82,462	1/4	71,693	1/4	60,923	1/4	50,157	1/4	39,496	1/4	28,731	1/4	18,002	1/4	7,440	1/4	
1/2	93,003	1/2	82,238	1/2	71,468	1/2	60,699	1/2	49,934	1/2	39,272	1/2	28,507	1/2	17,784	1/2	7,215	1/2	
3/4	92,779	3/4	82,013	3/4	71,244	3/4	60,474	3/4	49,711	3/4	39,047	3/4	28,283	3/4	17,566	3/4	6,991	3/4	
3	92,555	3	81,789	3	71,020	3	60,250	3	49,488	3	38,823	3	28,058	3	17,347	3	6,767	3	
1/4	92,330	1/4	81,565	1/4	70,795	1/4	60,026	1/4	49,266	1/4	38,599	1/4	27,834	1/4	17,129	1/4	6,542	1/4	
1/2	92,106	1/2	81,340	1/2	70,571	1/2	59,801	1/2	49,043	1/2	38,375	1/2	27,610	1/2	16,911	1/2	6,318	1/2	
3/4	91,882	3/4	81,116	3/4	70,346	3/4	59,577	3/4	48,820	3/4	38,150	3/4	27,386	3/4	16,692	3/4	6,094	3/4	
4	91,657	4	80,892	4	70,122	4	59,353	4	48,599	4	37,926	4	27,161	4	16,474	4	5,869	4	
1/4	91,433	1/4	80,667	1/4	69,898	1/4	59,128	1/4	48,378	1/4	37,702	1/4	26,937	1/4	16,256	1/4	5,645	1/4	
1/2	91,209	1/2	80,443	1/2	69,673	1/2	58,904	1/2	48,156	1/2	37,477	1/2	26,713	1/2	16,037	1/2	5,421	1/2	
3/4	90,985	3/4	80,218	3/4	69,449	3/4	58,680	3/4	47,935	3/4	37,253	3/4	26,488	3/4	15,819	3/4	5,196	3/4	
5	90,760	5	79,994	5	69,225	5	58,455	5	47,714	5	37,029	5	26,264	5	15,601	5	4,972	5	
1/4	90,536	1/4	79,770	1/4	69,000	1/4	58,231	1/4	47,492	1/4	36,805	1/4	26,040	1/4	15,382	1/4	4,747	1/4	
1/2	90,312	1/2	79,545	1/2	68,776	1/2	58,006	1/2	47,271	1/2	36,580	1/2	25,816	1/2	15,164	1/2	4,523	1/2	
3/4	90,088	3/4	79,321	3/4	68,552	3/4	57,782	3/4	47,050	3/4	36,356	3/4	25,591	3/4	14,946	3/4	4,298	3/4	
6	89,863	6	79,097	6	68,327	6	57,558	6	46,828	6	36,132	6	25,367	6	14,727	6	4,074	6	
1/4	89,639	1/4	78,872	1/4	68,103	1/4	57,333	1/4	46,607	1/4	35,908	1/4	25,143	1/4	14,509	1/4	3,850	1/4	
1/2	89,415	1/2	78,648	1/2	67,878	1/2	57,109	1/2	46,386	1/2	35,683	1/2	24,919	1/2	14,291	1/2	3,625	1/2	
3/4	89,190	3/4	78,424	3/4	67,654	3/4	56,885	3/4	46,165	3/4	35,459	3/4	24,694	3/4	14,073	3/4	3,401	3/4	
7	88,966	7	78,199	7	67,430	7	56,660	7	45,943	7	35,235	7	24,470	7	13,854	7	3,176	7	
1/4	88,742	1/4	77,975	1/4	67,205	1/4	56,436	1/4	45,722	1/4	35,011	1/4	24,246	1/4	13,636	1/4	2,951	1/4	
1/2	88,518	1/2	77,750	1/2	66,981	1/2	56,212	1/2	45,501	1/2	34,786	1/2	24,022	1/2	13,418	1/2	2,726	1/2	
3/4	88,293	3/4	77,526	3/4	66,757	3/4	55,987	3/4	45,279	3/4	34,562	3/4	23,797	3/4	13,199	3/4	2,501	3/4	
8	88,069	8	77,302	8	66,532	8	55,763	8	45,058	8	34,338	8	23,573	8	12,981	8	2,276	8	
1/4	87,845	1/4	77,077	1/4	66,308	1/4	55,538	1/4	44,837	1/4	34,114	1/4	23,349	1/4	12,763	1/4	2,051	1/4	
1/2	87,621	1/2	76,853	1/2	66,084	1/2	55,314	1/2	44,615	1/2	33,889	1/2	23,125	1/2	12,545	1/2	1,826	1/2	
3/4	87,396	3/4	76,629	3/4	65,859	3/4	55,090	3/4	44,394	3/4	33,665	3/4	22,900	3/4	12,327	3/4	1,601	3/4	
9	87,172	9	76,404	9	65,635	9	54,865	9	44,173	9	33,441	9	22,676	9	12,108	9	1,388	9	
1/4	86,948	1/4	76,180	1/4	65,410	1/4	54,641	1/4	43,952	1/4	33,216	1/4	22,452	1/4	11,890	1/4	1,174	1/4	
1/2	86,723	1/2	75,956	1/2	65,186	1/2	54,417	1/2	43,730	1/2	32,992	1/2	22,227	1/2	11,671	1/2	960	1/2	
3/4	86,499	3/4	75,731	3/4	64,962	3/4	54,192	3/4	43,509	3/4	32,768	3/4	22,003	3/4	11,453	3/4	747	3/4	
10	86,275	10	75,507	10	64,737	10	53,968	10	43,288	10	32,544	10	21,779	10	11,235	10	612	10	
1/4	86,051	1/4	75,282	1/4	64,513	1/4	53,744	1/4	43,066	1/4	32,319	1/4	21,555	1/4	11,016	1/4	477	1/4	
1/2	85,826	1/2	75,058	1/2	64,289	1/2	53,519	1/2	42,845	1/2	32,095	1/2	21,330	1/2	10,798	1/2	342	1/2	
3/4	85,602	3/4	74,834	3/4	64,064	3/4	53,295	3/4	42,624	3/4	31,871	3/4	21,106	3/4	10,579	3/4	207	3/4	
11	85,378	11	74,609	11	63,840	11	53,070	11	42,402	11	31,647	11	20,882	11	10,355	11	162	11	
1/4	85,154	1/4	74,385	1/4	63,616	1/4	52,846	1/4	42,181	1/4	31,422	1/4	20,658	1/4	10,131	1/4	117	1/4	
1/2	84,929	1/2	74,161	1/2	63,391	1/2	52,622	1/2	41,960	1/2	31,198	1/2	20,433	1/2	9,907	1/2	72	1/2	
3/4	84,705	3/4	73,936	3/4	63,167	3/4	52,397	3/4	41,739	3/4	30,974	3/4	20,209	3/4	9,682	3/4	27	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2014 SW  
CALCULATED: 09/19/2014 CL  
PRINTED: 09/22/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2014

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



# BARGE "DBL 106"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19' 00"

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		0		167,096	0	155,095	0	143,049	0	131,002	0	118,956		
1/4		1/4		1/4		1/4		1/4		166,847	1/4	154,845	1/4	142,798	1/4	130,751	1/4	118,705		
1/2		1/2		1/2		1/2		1/2		166,598	1/2	154,594	1/2	142,547	1/2	130,500	1/2	118,454		
3/4		3/4		3/4		3/4		3/4		166,350	3/4	154,343	3/4	142,296	3/4	130,249	3/4	118,203		
1		1		1		1		1		166,101	1	154,092	1	142,045	1	129,998	1	117,952		
1/4		1/4		1/4		1/4		1/4	176,475	1/4	165,852	1/4	153,841	1/4	141,794	1/4	129,747	1/4	117,701	
1/2		1/2		1/2		1/2		1/2	176,437	1/2	165,604	1/2	153,590	1/2	141,543	1/2	129,496	1/2	117,450	
3/4		3/4		3/4		3/4		3/4	176,400	3/4	165,355	3/4	153,339	3/4	141,292	3/4	129,245	3/4	117,199	
2		2		2		2		2		176,362	2	165,106	2	153,088	2	141,041	2	128,994	2	116,948
1/4		1/4		1/4		1/4		1/4	176,242	1/4	164,858	1/4	152,837	1/4	140,790	1/4	128,743	1/4	116,697	
1/2		1/2		1/2		1/2		1/2	176,122	1/2	164,609	1/2	152,586	1/2	140,539	1/2	128,492	1/2	116,446	
3/4		3/4		3/4		3/4		3/4	176,002	3/4	164,360	3/4	152,335	3/4	140,288	3/4	128,241	3/4	116,195	
3		3		3		3		3		175,882	3	164,112	3	152,084	3	140,037	3	127,991	3	115,944
1/4		1/4		1/4		1/4		1/4	175,665	1/4	163,863	1/4	151,833	1/4	139,786	1/4	127,740	1/4	115,693	
1/2		1/2		1/2		1/2		1/2	175,448	1/2	163,615	1/2	151,582	1/2	139,535	1/2	127,489	1/2	115,442	
3/4		3/4		3/4		3/4		3/4	175,231	3/4	163,366	3/4	151,331	3/4	139,284	3/4	127,238	3/4	115,191	
4		4		4		4		4		175,014	4	163,117	4	151,080	4	139,033	4	126,987	4	114,940
1/4		1/4		1/4		1/4		1/4	174,768	1/4	162,869	1/4	150,829	1/4	138,782	1/4	126,736	1/4	114,689	
1/2		1/2		1/2		1/2		1/2	174,523	1/2	162,620	1/2	150,578	1/2	138,531	1/2	126,485	1/2	114,438	
3/4		3/4		3/4		3/4		3/4	174,277	3/4	162,371	3/4	150,327	3/4	138,280	3/4	126,234	3/4	114,187	
5		5		5		5		5		174,032	5	162,123	5	150,076	5	138,029	5	125,983	5	113,936
1/4		1/4		1/4		1/4		1/4	173,787	1/4	161,872	1/4	149,825	1/4	137,778	1/4	125,732	1/4	113,685	
1/2		1/2		1/2		1/2		1/2	173,541	1/2	161,621	1/2	149,574	1/2	137,527	1/2	125,481	1/2	113,434	
3/4		3/4		3/4		3/4		3/4	173,296	3/4	161,370	3/4	149,323	3/4	137,276	3/4	125,230	3/4	113,183	
6		6		6		6		6		173,050	6	161,119	6	149,072	6	137,025	6	124,979	6	112,932
1/4		1/4		1/4		1/4		1/4	172,805	1/4	160,868	1/4	148,821	1/4	136,775	1/4	124,728	1/4	112,681	
1/2		1/2		1/2		1/2		1/2	172,559	1/2	160,617	1/2	148,570	1/2	136,524	1/2	124,477	1/2	112,430	
3/4		3/4		3/4		3/4		3/4	172,314	3/4	160,366	3/4	148,319	3/4	136,273	3/4	124,226	3/4	112,179	
7		7		7		7		7		172,068	7	160,115	7	148,068	7	136,022	7	123,975	7	111,928
1/4		1/4		1/4		1/4		1/4	171,820	1/4	159,864	1/4	147,817	1/4	135,771	1/4	123,724	1/4	111,677	
1/2		1/2		1/2		1/2		1/2	171,571	1/2	159,613	1/2	147,566	1/2	135,520	1/2	123,473	1/2	111,426	
3/4		3/4		3/4		3/4		3/4	171,322	3/4	159,362	3/4	147,315	3/4	135,269	3/4	123,222	3/4	111,175	
8		8		8		8		8		171,074	8	159,111	8	147,064	8	135,018	8	122,971	8	110,924
1/4		1/4		1/4		1/4		1/4	170,825	1/4	158,860	1/4	146,813	1/4	134,767	1/4	122,720	1/4	110,673	
1/2		1/2		1/2		1/2		1/2	170,577	1/2	158,609	1/2	146,562	1/2	134,516	1/2	122,469	1/2	110,422	
3/4		3/4		3/4		3/4		3/4	170,328	3/4	158,358	3/4	146,311	3/4	134,265	3/4	122,218	3/4	110,171	
9		9		9		9		9		170,079	9	158,107	9	146,060	9	134,014	9	121,967	9	109,921
1/4		1/4		1/4		1/4		1/4	169,831	1/4	157,856	1/4	145,810	1/4	133,763	1/4	121,716	1/4	109,670	
1/2		1/2		1/2		1/2		1/2	169,582	1/2	157,605	1/2	145,559	1/2	133,512	1/2	121,465	1/2	109,419	
3/4		3/4		3/4		3/4		3/4	169,333	3/4	157,354	3/4	145,308	3/4	133,261	3/4	121,214	3/4	109,168	
10		10		10		10		10		169,085	10	157,103	10	145,057	10	133,010	10	120,963	10	108,917
1/4		1/4		1/4		1/4		1/4	168,836	1/4	156,852	1/4	144,806	1/4	132,759	1/4	120,712	1/4	108,666	
1/2		1/2		1/2		1/2		1/2	168,587	1/2	156,601	1/2	144,555	1/2	132,508	1/2	120,461	1/2	108,415	
3/4		3/4		3/4		3/4		3/4	168,339	3/4	156,350	3/4	144,304	3/4	132,257	3/4	120,210	3/4	108,164	
11		11		11		11		11		168,090	11	156,099	11	144,053	11	132,006	11	119,959	11	107,913
1/4		1/4		1/4		1/4		1/4	167,841	1/4	155,848	1/4	143,802	1/4	131,755	1/4	119,708	1/4	107,662	
1/2		1/2		1/2		1/2		1/2	167,593	1/2	155,597	1/2	143,551	1/2	131,504	1/2	119,457	1/2	107,411	
3/4		3/4		3/4		3/4		3/4	167,344	3/4	155,346	3/4	143,300	3/4	131,253	3/4	119,206	3/4	107,160	

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 INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 30'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 106"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19' 00"

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	106,909	0	94,862	0	82,811	0	70,758	0	58,706	0	46,653	0	34,601	0	22,548	0	10,821	0	27
1/4	106,658	1/4	94,611	1/4	82,560	1/4	70,507	1/4	58,455	1/4	46,402	1/4	34,350	1/4	22,297	1/4	10,570	1/4	
1/2	106,407	1/2	94,360	1/2	82,309	1/2	70,256	1/2	58,204	1/2	46,151	1/2	34,099	1/2	22,046	1/2	10,319	1/2	
3/4	106,156	3/4	94,109	3/4	82,057	3/4	70,005	3/4	57,953	3/4	45,900	3/4	33,848	3/4	21,795	3/4	10,068	3/4	
1	105,905	1	93,858	1	81,806	1	69,754	1	57,701	1	45,649	1	33,597	1	21,544	1	9,817	1	
1/4	105,654	1/4	93,607	1/4	81,555	1/4	69,503	1/4	57,450	1/4	45,398	1/4	33,345	1/4	21,301	1/4	9,566	1/4	
1/2	105,403	1/2	93,356	1/2	81,304	1/2	69,252	1/2	57,199	1/2	45,147	1/2	33,094	1/2	21,058	1/2	9,316	1/2	
3/4	105,152	3/4	93,105	3/4	81,053	3/4	69,001	3/4	56,948	3/4	44,896	3/4	32,843	3/4	20,815	3/4	9,065	3/4	
2	104,901	2	92,854	2	80,802	2	68,750	2	56,697	2	44,645	2	32,592	2	20,573	2	8,814	2	
1/4	104,650	1/4	92,603	1/4	80,551	1/4	68,498	1/4	56,446	1/4	44,394	1/4	32,341	1/4	20,330	1/4	8,563	1/4	
1/2	104,399	1/2	92,352	1/2	80,300	1/2	68,247	1/2	56,195	1/2	44,142	1/2	32,090	1/2	20,087	1/2	8,312	1/2	
3/4	104,148	3/4	92,101	3/4	80,049	3/4	67,996	3/4	55,944	3/4	43,891	3/4	31,839	3/4	19,844	3/4	8,061	3/4	
3	103,897	3	91,850	3	79,798	3	67,745	3	55,693	3	43,640	3	31,588	3	19,601	3	7,810	3	
1/4	103,646	1/4	91,599	1/4	79,547	1/4	67,494	1/4	55,442	1/4	43,389	1/4	31,337	1/4	19,358	1/4	7,559	1/4	
1/2	103,395	1/2	91,348	1/2	79,295	1/2	67,243	1/2	55,191	1/2	43,138	1/2	31,086	1/2	19,115	1/2	7,308	1/2	
3/4	103,144	3/4	91,097	3/4	79,044	3/4	66,992	3/4	54,939	3/4	42,887	3/4	30,835	3/4	18,872	3/4	7,057	3/4	
4	102,893	4	90,846	4	78,793	4	66,741	4	54,688	4	42,636	4	30,583	4	18,629	4	6,806	4	
1/4	102,642	1/4	90,595	1/4	78,542	1/4	66,490	1/4	54,437	1/4	42,385	1/4	30,332	1/4	18,387	1/4	6,555	1/4	
1/2	102,391	1/2	90,343	1/2	78,291	1/2	66,239	1/2	54,186	1/2	42,134	1/2	30,081	1/2	18,144	1/2	6,304	1/2	
3/4	102,140	3/4	90,092	3/4	78,040	3/4	65,988	3/4	53,935	3/4	41,883	3/4	29,830	3/4	17,901	3/4	6,053	3/4	
5	101,889	5	89,841	5	77,789	5	65,736	5	53,684	5	41,632	5	29,579	5	17,658	5	5,802	5	
1/4	101,638	1/4	89,590	1/4	77,538	1/4	65,485	1/4	53,433	1/4	41,380	1/4	29,328	1/4	17,415	1/4	5,551	1/4	
1/2	101,387	1/2	89,339	1/2	77,287	1/2	65,234	1/2	53,182	1/2	41,129	1/2	29,077	1/2	17,172	1/2	5,300	1/2	
3/4	101,136	3/4	89,088	3/4	77,036	3/4	64,983	3/4	52,931	3/4	40,878	3/4	28,826	3/4	16,929	3/4	5,049	3/4	
6	100,886	6	88,837	6	76,784	6	64,732	6	52,680	6	40,627	6	28,575	6	16,686	6	4,797	6	
1/4	100,635	1/4	88,586	1/4	76,533	1/4	64,481	1/4	52,428	1/4	40,376	1/4	28,324	1/4	16,443	1/4	4,546	1/4	
1/2	100,384	1/2	88,335	1/2	76,282	1/2	64,230	1/2	52,177	1/2	40,125	1/2	28,073	1/2	16,201	1/2	4,295	1/2	
3/4	100,133	3/4	88,084	3/4	76,031	3/4	63,979	3/4	51,926	3/4	39,874	3/4	27,821	3/4	15,958	3/4	4,044	3/4	
7	99,882	7	87,833	7	75,780	7	63,728	7	51,675	7	39,623	7	27,570	7	15,715	7	3,793	7	
1/4	99,631	1/4	87,581	1/4	75,529	1/4	63,477	1/4	51,424	1/4	39,372	1/4	27,319	1/4	15,472	1/4	3,542	1/4	
1/2	99,380	1/2	87,330	1/2	75,278	1/2	63,225	1/2	51,173	1/2	39,121	1/2	27,068	1/2	15,229	1/2	3,291	1/2	
3/4	99,129	3/4	87,079	3/4	75,027	3/4	62,974	3/4	50,922	3/4	38,869	3/4	26,817	3/4	14,986	3/4	3,040	3/4	
8	98,878	8	86,828	8	74,776	8	62,723	8	50,671	8	38,618	8	26,566	8	14,743	8	2,789	8	
1/4	98,627	1/4	86,577	1/4	74,525	1/4	62,472	1/4	50,420	1/4	38,367	1/4	26,315	1/4	14,500	1/4	2,538	1/4	
1/2	98,376	1/2	86,326	1/2	74,274	1/2	62,221	1/2	50,169	1/2	38,116	1/2	26,064	1/2	14,258	1/2	2,287	1/2	
3/4	98,125	3/4	86,075	3/4	74,022	3/4	61,970	3/4	49,918	3/4	37,865	3/4	25,813	3/4	14,015	3/4	2,036	3/4	
9	97,874	9	85,824	9	73,771	9	61,719	9	49,666	9	37,614	9	25,562	9	13,772	9	1,784	9	
1/4	97,623	1/4	85,573	1/4	73,520	1/4	61,468	1/4	49,415	1/4	37,363	1/4	25,310	1/4	13,529	1/4	1,546	1/4	
1/2	97,372	1/2	85,322	1/2	73,269	1/2	61,217	1/2	49,164	1/2	37,112	1/2	25,059	1/2	13,285	1/2	1,307	1/2	
3/4	97,121	3/4	85,071	3/4	73,018	3/4	60,966	3/4	48,913	3/4	36,861	3/4	24,808	3/4	13,042	3/4	1,069	3/4	
10	96,870	10	84,819	10	72,767	10	60,715	10	48,662	10	36,610	10	24,557	10	12,799	10	830	10	
1/4	96,619	1/4	84,568	1/4	72,516	1/4	60,463	1/4	48,411	1/4	36,359	1/4	24,306	1/4	12,555	1/4	680	1/4	
1/2	96,368	1/2	84,317	1/2	72,265	1/2	60,212	1/2	48,160	1/2	36,107	1/2	24,055	1/2	12,312	1/2	529	1/2	
3/4	96,117	3/4	84,066	3/4	72,014	3/4	59,961	3/4	47,909	3/4	35,856	3/4	23,804	3/4	12,068	3/4	378	3/4	
11	95,866	11	83,815	11	71,763	11	59,710	11	47,658	11	35,605	11	23,553	11	11,825	11	228	11	
1/4	95,615	1/4	83,564	1/4	71,512	1/4	59,459	1/4	47,407	1/4	35,354	1/4	23,302	1/4	11,574	1/4	178	1/4	
1/2	95,364	1/2	83,313	1/2	71,260	1/2	59,208	1/2	47,156	1/2	35,103	1/2	23,051	1/2	11,323	1/2	127	1/2	
3/4	95,113	3/4	83,062	3/4	71,009	3/4	58,957	3/4	46,904	3/4	34,852	3/4	22,800	3/4	11,072	3/4	77	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2014 SW  
CALCULATED: 09/19/2014 CL  
PRINTED: 09/22/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2014

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



# BARGE "DBL 106"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18' 11 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	0	0	0	0	0	0	0	147,289	0	136,713	0	126,098	0	115,483	0	104,867			
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,070	1/4	136,492	1/4	125,877	1/4	115,261	1/4	104,646			
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,851	1/2	136,271	1/2	125,655	1/2	115,040	1/2	104,425			
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,632	3/4	136,049	3/4	125,434	3/4	114,819	3/4	104,204			
1	1	1	1	1	1	1	1	155,774	1	146,413	1	135,828	1	125,213	1	114,598	1	103,983		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	155,741	1/4	146,194	1/4	135,607	1/4	124,992	1/4	114,377	1/4	103,762		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	155,708	1/2	145,975	1/2	135,386	1/2	124,771	1/2	114,156	1/2	103,541		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	155,674	3/4	145,756	3/4	135,165	3/4	124,550	3/4	113,935	3/4	103,319		
2	2	2	2	2	2	2	2	155,569	2	145,536	2	134,944	2	124,329	2	113,713	2	103,098		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	155,463	1/4	145,317	1/4	134,723	1/4	124,107	1/4	113,492	1/4	102,877		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	155,357	1/2	145,098	1/2	134,501	1/2	123,886	1/2	113,271	1/2	102,656		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	155,252	3/4	144,879	3/4	134,280	3/4	123,665	3/4	113,050	3/4	102,435		
3	3	3	3	3	3	3	3	155,060	3	144,660	3	134,059	3	123,444	3	112,829	3	102,214		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	154,869	1/4	144,441	1/4	133,838	1/4	123,223	1/4	112,608	1/4	101,993		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	154,678	1/2	144,222	1/2	133,617	1/2	123,002	1/2	112,387	1/2	101,771		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	154,486	3/4	144,003	3/4	133,396	3/4	122,781	3/4	112,165	3/4	101,550		
4	4	4	4	4	4	4	4	154,270	4	143,784	4	133,175	4	122,559	4	111,944	4	101,329		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	154,054	1/4	143,564	1/4	132,953	1/4	122,338	1/4	111,723	1/4	101,108		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	153,837	1/2	143,345	1/2	132,732	1/2	122,117	1/2	111,502	1/2	100,887		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	153,621	3/4	143,126	3/4	132,511	3/4	121,896	3/4	111,281	3/4	100,666		
5	5	5	5	5	5	5	5	153,405	5	142,905	5	132,290	5	121,675	5	111,060	5	100,444		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	153,188	1/4	142,684	1/4	132,069	1/4	121,454	1/4	110,838	1/4	100,223		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	152,972	1/2	142,463	1/2	131,848	1/2	121,232	1/2	110,617	1/2	100,002		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	152,756	3/4	142,242	3/4	131,626	3/4	121,011	3/4	110,396	3/4	99,781		
6	6	6	6	6	6	6	6	152,540	6	142,020	6	131,405	6	120,790	6	110,175	6	99,560		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	152,323	1/4	141,799	1/4	131,184	1/4	120,569	1/4	109,954	1/4	99,339		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	152,107	1/2	141,578	1/2	130,963	1/2	120,348	1/2	109,733	1/2	99,118		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,891	3/4	141,357	3/4	130,742	3/4	120,127	3/4	109,512	3/4	98,896		
7	7	7	7	7	7	7	7	151,672	7	141,136	7	130,521	7	119,906	7	109,290	7	98,675		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,452	1/4	140,915	1/4	130,300	1/4	119,684	1/4	109,069	1/4	98,454		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,233	1/2	140,694	1/2	130,078	1/2	119,463	1/2	108,848	1/2	98,233		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,014	3/4	140,472	3/4	129,857	3/4	119,242	3/4	108,627	3/4	98,012		
8	8	8	8	8	8	8	8	150,795	8	140,251	8	129,636	8	119,021	8	108,406	8	97,791		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,576	1/4	140,030	1/4	129,415	1/4	118,800	1/4	108,185	1/4	97,570		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,357	1/2	139,809	1/2	129,194	1/2	118,579	1/2	107,964	1/2	97,348		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,138	3/4	139,588	3/4	128,973	3/4	118,358	3/4	107,742	3/4	97,127		
9	9	9	9	9	9	9	9	149,919	9	139,367	9	128,752	9	118,136	9	107,521	9	96,906		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,700	1/4	139,146	1/4	128,530	1/4	117,915	1/4	107,300	1/4	96,685		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,480	1/2	138,924	1/2	128,309	1/2	117,694	1/2	107,079	1/2	96,464		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,261	3/4	138,703	3/4	128,088	3/4	117,473	3/4	106,858	3/4	96,243		
10	10	10	10	10	10	10	10	149,042	10	138,482	10	127,867	10	117,252	10	106,637	10	96,022		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,823	1/4	138,261	1/4	127,646	1/4	117,031	1/4	106,416	1/4	95,800		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,604	1/2	138,040	1/2	127,425	1/2	116,810	1/2	106,194	1/2	95,579		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,385	3/4	137,819	3/4	127,204	3/4	116,588	3/4	105,973	3/4	95,358		
11	11	11	11	11	11	11	11	148,166	11	137,598	11	126,982	11	116,367	11	105,752	11	95,137		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,947	1/4	137,376	1/4	126,761	1/4	116,146	1/4	105,531	1/4	94,916		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,728	1/2	137,155	1/2	126,540	1/2	115,925	1/2	105,310	1/2	94,695		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,508	3/4	136,934	3/4	126,319	3/4	115,704	3/4	105,089	3/4	94,473		

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 INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 26'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "DBL 106"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18' 11 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	94,252	0	83,637	0	73,018	0	62,397	0	51,777	0	41,157	0	30,537	0	19,917	0	9,319	0	
1/4	94,031	1/4	83,416	1/4	72,796	1/4	62,176	1/4	51,556	1/4	40,936	1/4	30,315	1/4	19,696	1/4	9,098	1/4	
1/2	93,810	1/2	83,195	1/2	72,575	1/2	61,955	1/2	51,335	1/2	40,714	1/2	30,094	1/2	19,475	1/2	8,876	1/2	
3/4	93,589	3/4	82,974	3/4	72,354	3/4	61,734	3/4	51,113	3/4	40,493	3/4	29,873	3/4	19,254	3/4	8,655	3/4	
1	93,368	1	82,753	1	72,133	1	61,512	1	50,892	1	40,272	1	29,652	1	19,033	1	8,434	1	
1/4	93,147	1/4	82,531	1/4	71,911	1/4	61,291	1/4	50,671	1/4	40,051	1/4	29,430	1/4	18,813	1/4	8,213	1/4	
1/2	92,925	1/2	82,310	1/2	71,690	1/2	61,070	1/2	50,450	1/2	39,829	1/2	29,209	1/2	18,592	1/2	7,992	1/2	
3/4	92,704	3/4	82,089	3/4	71,469	3/4	60,849	3/4	50,228	3/4	39,608	3/4	28,988	3/4	18,372	3/4	7,770	3/4	
2	92,483	2	81,868	2	71,248	2	60,627	2	50,007	2	39,387	2	28,767	2	18,151	2	7,549	2	
1/4	92,262	1/4	81,647	1/4	71,026	1/4	60,406	1/4	49,786	1/4	39,166	1/4	28,545	1/4	17,930	1/4	7,328	1/4	
1/2	92,041	1/2	81,425	1/2	70,805	1/2	60,185	1/2	49,565	1/2	38,944	1/2	28,324	1/2	17,710	1/2	7,107	1/2	
3/4	91,820	3/4	81,204	3/4	70,584	3/4	59,964	3/4	49,343	3/4	38,723	3/4	28,103	3/4	17,489	3/4	6,885	3/4	
3	91,599	3	80,983	3	70,363	3	59,742	3	49,122	3	38,502	3	27,882	3	17,268	3	6,664	3	
1/4	91,377	1/4	80,762	1/4	70,141	1/4	59,521	1/4	48,901	1/4	38,281	1/4	27,660	1/4	17,048	1/4	6,443	1/4	
1/2	91,156	1/2	80,540	1/2	69,920	1/2	59,300	1/2	48,680	1/2	38,059	1/2	27,439	1/2	16,827	1/2	6,222	1/2	
3/4	90,935	3/4	80,319	3/4	69,699	3/4	59,079	3/4	48,458	3/4	37,838	3/4	27,218	3/4	16,606	3/4	6,000	3/4	
4	90,714	4	80,098	4	69,478	4	58,857	4	48,237	4	37,617	4	26,997	4	16,386	4	5,779	4	
1/4	90,493	1/4	79,877	1/4	69,256	1/4	58,636	1/4	48,016	1/4	37,396	1/4	26,775	1/4	16,165	1/4	5,558	1/4	
1/2	90,272	1/2	79,655	1/2	69,035	1/2	58,415	1/2	47,795	1/2	37,174	1/2	26,554	1/2	15,944	1/2	5,337	1/2	
3/4	90,050	3/4	79,434	3/4	68,814	3/4	58,194	3/4	47,573	3/4	36,953	3/4	26,333	3/4	15,724	3/4	5,115	3/4	
5	89,829	5	79,213	5	68,593	5	57,972	5	47,352	5	36,732	5	26,112	5	15,503	5	4,894	5	
1/4	89,608	1/4	78,992	1/4	68,371	1/4	57,751	1/4	47,131	1/4	36,511	1/4	25,890	1/4	15,283	1/4	4,673	1/4	
1/2	89,387	1/2	78,770	1/2	68,150	1/2	57,530	1/2	46,910	1/2	36,289	1/2	25,669	1/2	15,062	1/2	4,452	1/2	
3/4	89,166	3/4	78,549	3/4	67,929	3/4	57,309	3/4	46,688	3/4	36,068	3/4	25,448	3/4	14,841	3/4	4,230	3/4	
6	88,945	6	78,328	6	67,708	6	57,087	6	46,467	6	35,847	6	25,227	6	14,621	6	4,009	6	
1/4	88,724	1/4	78,107	1/4	67,486	1/4	56,866	1/4	46,246	1/4	35,626	1/4	25,005	1/4	14,400	1/4	3,788	1/4	
1/2	88,502	1/2	77,885	1/2	67,265	1/2	56,645	1/2	46,025	1/2	35,404	1/2	24,784	1/2	14,179	1/2	3,567	1/2	
3/4	88,281	3/4	77,664	3/4	67,044	3/4	56,424	3/4	45,803	3/4	35,183	3/4	24,563	3/4	13,959	3/4	3,345	3/4	
7	88,060	7	77,443	7	66,823	7	56,202	7	45,582	7	34,962	7	24,342	7	13,738	7	3,124	7	
1/4	87,839	1/4	77,222	1/4	66,601	1/4	55,981	1/4	45,361	1/4	34,741	1/4	24,120	1/4	13,518	1/4	2,903	1/4	
1/2	87,618	1/2	77,000	1/2	66,380	1/2	55,760	1/2	45,139	1/2	34,519	1/2	23,899	1/2	13,297	1/2	2,682	1/2	
3/4	87,397	3/4	76,779	3/4	66,159	3/4	55,538	3/4	44,918	3/4	34,298	3/4	23,678	3/4	13,076	3/4	2,460	3/4	
8	87,176	8	76,558	8	65,937	8	55,317	8	44,697	8	34,077	8	23,456	8	12,856	8	2,239	8	
1/4	86,954	1/4	76,336	1/4	65,716	1/4	55,096	1/4	44,476	1/4	33,855	1/4	23,235	1/4	12,635	1/4	2,018	1/4	
1/2	86,733	1/2	76,115	1/2	65,495	1/2	54,875	1/2	44,254	1/2	33,634	1/2	23,014	1/2	12,414	1/2	1,797	1/2	
3/4	86,512	3/4	75,894	3/4	65,274	3/4	54,653	3/4	44,033	3/4	33,413	3/4	22,793	3/4	12,194	3/4	1,575	3/4	
9	86,291	9	75,673	9	65,052	9	54,432	9	43,812	9	33,192	9	22,571	9	11,973	9	1,355	9	
1/4	86,070	1/4	75,451	1/4	64,831	1/4	54,211	1/4	43,591	1/4	32,970	1/4	22,350	1/4	11,752	1/4	1,155	1/4	
1/2	85,849	1/2	75,230	1/2	64,610	1/2	53,990	1/2	43,369	1/2	32,749	1/2	22,129	1/2	11,531	1/2	945	1/2	
3/4	85,627	3/4	75,009	3/4	64,389	3/4	53,768	3/4	43,148	3/4	32,528	3/4	21,908	3/4	11,310	3/4	735	3/4	
10	85,406	10	74,788	10	64,167	10	53,547	10	42,927	10	32,307	10	21,686	10	11,089	10	602	10	
1/4	85,185	1/4	74,566	1/4	63,946	1/4	53,326	1/4	42,706	1/4	32,085	1/4	21,465	1/4	10,868	1/4	469	1/4	
1/2	84,964	1/2	74,345	1/2	63,725	1/2	53,105	1/2	42,484	1/2	31,864	1/2	21,244	1/2	10,646	1/2	336	1/2	
3/4	84,743	3/4	74,124	3/4	63,504	3/4	52,883	3/4	42,263	3/4	31,643	3/4	21,023	3/4	10,425	3/4	204	3/4	
11	84,522	11	73,903	11	63,282	11	52,662	11	42,042	11	31,422	11	20,801	11	10,204	11	160	11	
1/4	84,301	1/4	73,681	1/4	63,061	1/4	52,441	1/4	41,821	1/4	31,200	1/4	20,580	1/4	9,983	1/4	115	1/4	
1/2	84,079	1/2	73,460	1/2	62,840	1/2	52,220	1/2	41,599	1/2	30,979	1/2	20,359	1/2	9,761	1/2	71	1/2	
3/4	83,858	3/4	73,239	3/4	62,619	3/4	51,998	3/4	41,378	3/4	30,758	3/4	20,138	3/4	9,540	3/4	27	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2014 SW  
CALCULATED: 09/19/2014 CL  
PRINTED: 09/22/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2014

PRECISION MEASUREMENT  
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