



# BARGE "WEB 123"

## 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	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
2 CENTER	00-5/8	- 00-5/8	01-3/8	- 01-3/8	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/4	- 03-1/4	04-0/8	- 04-0/8
3 CENTER	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-3/8	- 02-3/8

(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 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 161'-06"

November 4, 2009

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

<http://www.pmacorp.net>



# BARGE "WEB 123"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 17'-00"

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
							138,889		129,878		120,868		111,857		102,174		91,805		81,432		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	138,701	1/4	129,690	1/4	120,680	1/4	111,670	1/4	101,958	1/4	91,589	1/4	81,216		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	138,513	1/2	129,503	1/2	120,492	1/2	111,482	1/2	101,742	1/2	91,373	1/2	81,000		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	138,325	3/4	129,315	3/4	120,305	3/4	111,294	3/4	101,526	3/4	91,157	3/4	80,783		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>138,138</b>	<b>1</b>	<b>129,127</b>	<b>1</b>	<b>120,117</b>	<b>1</b>	<b>111,106</b>	<b>1</b>	<b>101,310</b>	<b>1</b>	<b>90,941</b>	<b>1</b>	<b>80,567</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	137,950	1/4	128,940	1/4	119,929	1/4	110,919	1/4	101,094	1/4	90,725	1/4	80,351		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	137,762	1/2	128,752	1/2	119,741	1/2	110,731	1/2	100,878	1/2	90,508	1/2	80,135		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	137,575	3/4	128,564	3/4	119,554	3/4	110,543	3/4	100,662	3/4	90,292	3/4	79,919		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>137,387</b>	<b>2</b>	<b>128,376</b>	<b>2</b>	<b>119,366</b>	<b>2</b>	<b>110,356</b>	<b>2</b>	<b>100,446</b>	<b>2</b>	<b>90,076</b>	<b>2</b>	<b>79,703</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	137,199	1/4	128,189	1/4	119,178	1/4	110,168	1/4	100,230	1/4	89,860	1/4	79,487		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	137,011	1/2	128,001	1/2	118,991	1/2	109,981	1/2	100,014	1/2	89,644	1/2	79,271		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	136,824	3/4	127,813	3/4	118,803	3/4	109,794	3/4	99,798	3/4	89,428	3/4	79,055		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>136,636</b>	<b>3</b>	<b>127,626</b>	<b>3</b>	<b>118,615</b>	<b>3</b>	<b>109,607</b>	<b>3</b>	<b>99,582</b>	<b>3</b>	<b>89,212</b>	<b>3</b>	<b>78,838</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	136,448	1/4	127,438	1/4	118,427	1/4	109,420	1/4	99,366	1/4	88,996	1/4	78,622		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,376	1/2	136,261	1/2	127,250	1/2	118,240	1/2	109,233	1/2	99,150	1/2	88,780	1/2	78,406
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,358	3/4	136,073	3/4	127,062	3/4	118,052	3/4	109,045	3/4	98,934	3/4	88,563	3/4	78,190
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>144,340</b>	<b>4</b>	<b>135,885</b>	<b>4</b>	<b>126,875</b>	<b>4</b>	<b>117,864</b>	<b>4</b>	<b>108,858</b>	<b>4</b>	<b>98,719</b>	<b>4</b>	<b>88,347</b>	<b>4</b>	<b>77,974</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,268	1/4	135,697	1/4	126,687	1/4	117,677	1/4	108,671	1/4	98,503	1/4	88,131	1/4	77,758
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,196	1/2	135,510	1/2	126,499	1/2	117,489	1/2	108,484	1/2	98,287	1/2	87,915	1/2	77,542
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,124	3/4	135,322	3/4	126,312	3/4	117,301	3/4	108,297	3/4	98,071	3/4	87,699	3/4	77,326
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>144,051</b>	<b>5</b>	<b>135,134</b>	<b>5</b>	<b>126,124</b>	<b>5</b>	<b>117,113</b>	<b>5</b>	<b>108,110</b>	<b>5</b>	<b>97,855</b>	<b>5</b>	<b>87,483</b>	<b>5</b>	<b>77,110</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,907	1/4	134,947	1/4	125,936	1/4	116,926	1/4	107,922	1/4	97,639	1/4	87,267	1/4	76,893
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,762	1/2	134,759	1/2	125,748	1/2	116,738	1/2	107,735	1/2	97,423	1/2	87,051	1/2	76,677
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,618	3/4	134,571	3/4	125,561	3/4	116,550	3/4	107,548	3/4	97,207	3/4	86,835	3/4	76,461
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>143,474</b>	<b>6</b>	<b>134,383</b>	<b>6</b>	<b>125,373</b>	<b>6</b>	<b>116,362</b>	<b>6</b>	<b>107,361</b>	<b>6</b>	<b>96,991</b>	<b>6</b>	<b>86,618</b>	<b>6</b>	<b>76,245</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,266	1/4	134,196	1/4	125,185	1/4	116,175	1/4	107,145	1/4	96,775	1/4	86,402	1/4	76,029
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,058	1/2	134,008	1/2	124,998	1/2	115,987	1/2	106,929	1/2	96,559	1/2	86,186	1/2	75,813
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,851	3/4	133,820	3/4	124,810	3/4	115,799	3/4	106,713	3/4	96,343	3/4	85,970	3/4	75,597
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>142,643</b>	<b>7</b>	<b>133,633</b>	<b>7</b>	<b>124,622</b>	<b>7</b>	<b>115,612</b>	<b>7</b>	<b>106,496</b>	<b>7</b>	<b>96,127</b>	<b>7</b>	<b>85,754</b>	<b>7</b>	<b>75,381</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,455	1/4	133,445	1/4	124,434	1/4	115,424	1/4	106,280	1/4	95,911	1/4	85,538	1/4	75,165
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,268	1/2	133,257	1/2	124,247	1/2	115,236	1/2	106,064	1/2	95,695	1/2	85,322	1/2	74,948
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,080	3/4	133,069	3/4	124,059	3/4	115,048	3/4	105,848	3/4	95,479	3/4	85,106	3/4	74,732
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>141,892</b>	<b>8</b>	<b>132,882</b>	<b>8</b>	<b>123,871</b>	<b>8</b>	<b>114,861</b>	<b>8</b>	<b>105,632</b>	<b>8</b>	<b>95,263</b>	<b>8</b>	<b>84,890</b>	<b>8</b>	<b>74,516</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,704	1/4	132,694	1/4	123,683	1/4	114,673	1/4	105,416	1/4	95,047	1/4	84,673	1/4	74,300
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,517	1/2	132,506	1/2	123,496	1/2	114,485	1/2	105,200	1/2	94,831	1/2	84,457	1/2	74,084
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,329	3/4	132,319	3/4	123,308	3/4	114,298	3/4	104,984	3/4	94,614	3/4	84,241	3/4	73,868
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>141,141</b>	<b>9</b>	<b>132,131</b>	<b>9</b>	<b>123,120</b>	<b>9</b>	<b>114,110</b>	<b>9</b>	<b>104,768</b>	<b>9</b>	<b>94,398</b>	<b>9</b>	<b>84,025</b>	<b>9</b>	<b>73,652</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,954	1/4	131,943	1/4	122,933	1/4	113,922	1/4	104,551	1/4	94,182	1/4	83,809	1/4	73,436
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,766	1/2	131,755	1/2	122,745	1/2	113,734	1/2	104,335	1/2	93,966	1/2	83,593	1/2	73,220
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,578	3/4	131,568	3/4	122,557	3/4	113,547	3/4	104,119	3/4	93,750	3/4	83,377	3/4	73,004
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>140,390</b>	<b>10</b>	<b>131,380</b>	<b>10</b>	<b>122,369</b>	<b>10</b>	<b>113,359</b>	<b>10</b>	<b>103,903</b>	<b>10</b>	<b>93,534</b>	<b>10</b>	<b>83,161</b>	<b>10</b>	<b>72,788</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,203	1/4	131,192	1/4	122,182	1/4	113,171	1/4	103,687	1/4	93,318	1/4	82,945	1/4	72,572
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,015	1/2	131,004	1/2	121,994	1/2	112,984	1/2	103,471	1/2	93,102	1/2	82,728	1/2	72,356
3/4	3/4	3/4	3/4	3/4	3/4	3/4	139,827	3/4	130,817	3/4	121,806	3/4	112,796	3/4	103,255	3/4	92,886	3/4	82,512	3/4	72,140
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>139,640</b>	<b>11</b>	<b>130,629</b>	<b>11</b>	<b>121,619</b>	<b>11</b>	<b>112,608</b>	<b>11</b>	<b>103,039</b>	<b>11</b>	<b>92,670</b>	<b>11</b>	<b>82,296</b>	<b>11</b>	<b>71,925</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	139,452	1/4	130,441	1/4	121,431	1/4	112,420	1/4	102,823	1/4	92,453	1/4	82,080	1/4	71,709
1/2	1/2	1/2	1/2	1/2	1/2	1/2	139,264	1/2	130,254	1/2	121,243	1/2	112,233	1/2	102,606	1/2	92,237	1/2	81,864	1/2	71,493
3/4	3/4	3/4	3/4	3/4	3/4	3/4	139,076	3/4	130,066	3/4	121,055	3/4	112,045	3/4	102,390	3/4	92,021	3/4	81,648	3/4	71,277

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 ON CENTERLINE AND 24'-08" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "WEB 123"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 17'-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	71,061	0	60,699	0	50,330	0	39,961	0	29,593	0	19,320	0	9,095	0	37	0		0	
1/4	70,846	1/4	60,483	1/4	50,114	1/4	39,745	1/4	29,377	1/4	19,111	1/4	8,878	1/4		1/4		1/4	
1/2	70,630	1/2	60,267	1/2	49,898	1/2	39,529	1/2	29,161	1/2	18,902	1/2	8,661	1/2		1/2		1/2	
3/4	70,414	3/4	60,051	3/4	49,682	3/4	39,313	3/4	28,945	3/4	18,693	3/4	8,445	3/4		3/4		3/4	
1	70,198	1	59,835	1	49,466	1	39,097	1	28,729	1	18,483	1	8,228	1		1		1	
1/4	69,982	1/4	59,619	1/4	49,250	1/4	38,881	1/4	28,513	1/4	18,274	1/4	8,011	1/4		1/4		1/4	
1/2	69,766	1/2	59,403	1/2	49,034	1/2	38,665	1/2	28,297	1/2	18,065	1/2	7,795	1/2		1/2		1/2	
3/4	69,551	3/4	59,187	3/4	48,818	3/4	38,449	3/4	28,081	3/4	17,856	3/4	7,578	3/4		3/4		3/4	
2	69,335	2	58,971	2	48,602	2	38,233	2	27,865	2	17,647	2	7,361	2		2		2	
1/4	69,119	1/4	58,755	1/4	48,386	1/4	38,017	1/4	27,648	1/4	17,437	1/4	7,145	1/4		1/4		1/4	
1/2	68,903	1/2	58,538	1/2	48,170	1/2	37,801	1/2	27,432	1/2	17,228	1/2	6,928	1/2		1/2		1/2	
3/4	68,687	3/4	58,322	3/4	47,954	3/4	37,585	3/4	27,215	3/4	17,019	3/4	6,711	3/4		3/4		3/4	
3	68,472	3	58,106	3	47,738	3	37,369	3	26,999	3	16,810	3	6,495	3		3		3	
1/4	68,256	1/4	57,890	1/4	47,522	1/4	37,153	1/4	26,782	1/4	16,601	1/4	6,278	1/4		1/4		1/4	
1/2	68,040	1/2	57,674	1/2	47,306	1/2	36,937	1/2	26,566	1/2	16,391	1/2	6,061	1/2		1/2		1/2	
3/4	67,824	3/4	57,458	3/4	47,090	3/4	36,721	3/4	26,349	3/4	16,182	3/4	5,845	3/4		3/4		3/4	
4	67,608	4	57,242	4	46,874	4	36,505	4	26,133	4	15,973	4	5,628	4		4		4	
1/4	67,392	1/4	57,026	1/4	46,658	1/4	36,289	1/4	25,916	1/4	15,764	1/4	5,412	1/4		1/4		1/4	
1/2	67,177	1/2	56,810	1/2	46,442	1/2	36,073	1/2	25,700	1/2	15,554	1/2	5,195	1/2		1/2		1/2	
3/4	66,961	3/4	56,594	3/4	46,226	3/4	35,857	3/4	25,483	3/4	15,345	3/4	4,979	3/4		3/4		3/4	
5	66,745	5	56,378	5	46,010	5	35,641	5	25,267	5	15,135	5	4,762	5		5		5	
1/4	66,529	1/4	56,162	1/4	45,794	1/4	35,425	1/4	25,050	1/4	14,925	1/4	4,546	1/4		1/4		1/4	
1/2	66,313	1/2	55,946	1/2	45,578	1/2	35,209	1/2	24,834	1/2	14,715	1/2	4,330	1/2		1/2		1/2	
3/4	66,098	3/4	55,730	3/4	45,362	3/4	34,993	3/4	24,617	3/4	14,505	3/4	4,115	3/4		3/4		3/4	
6	65,882	6	55,514	6	45,146	6	34,777	6	24,401	6	14,294	6	3,899	6		6		6	
1/4	65,666	1/4	55,298	1/4	44,930	1/4	34,561	1/4	24,184	1/4	14,078	1/4	3,683	1/4		1/4		1/4	
1/2	65,450	1/2	55,082	1/2	44,714	1/2	34,345	1/2	23,968	1/2	13,861	1/2	3,468	1/2		1/2		1/2	
3/4	65,234	3/4	54,866	3/4	44,498	3/4	34,129	3/4	23,752	3/4	13,644	3/4	3,253	3/4		3/4		3/4	
7	65,018	7	54,650	7	44,282	7	33,913	7	23,535	7	13,428	7	3,038	7		7		7	
1/4	64,803	1/4	54,434	1/4	44,066	1/4	33,697	1/4	23,319	1/4	13,211	1/4	2,824	1/4		1/4		1/4	
1/2	64,587	1/2	54,218	1/2	43,850	1/2	33,481	1/2	23,103	1/2	12,994	1/2	2,610	1/2		1/2		1/2	
3/4	64,371	3/4	54,002	3/4	43,634	3/4	33,265	3/4	22,887	3/4	12,778	3/4	2,397	3/4		3/4		3/4	
8	64,155	8	53,786	8	43,418	8	33,049	8	22,670	8	12,561	8	2,183	8		8		8	
1/4	63,939	1/4	53,570	1/4	43,202	1/4	32,833	1/4	22,460	1/4	12,344	1/4	1,971	1/4		1/4		1/4	
1/2	63,723	1/2	53,354	1/2	42,986	1/2	32,617	1/2	22,250	1/2	12,128	1/2	1,759	1/2		1/2		1/2	
3/4	63,507	3/4	53,138	3/4	42,770	3/4	32,401	3/4	22,040	3/4	11,911	3/4	1,548	3/4		3/4		3/4	
9	63,291	9	52,922	9	42,554	9	32,185	9	21,830	9	11,694	9	1,336	9		9		9	
1/4	63,075	1/4	52,706	1/4	42,338	1/4	31,969	1/4	21,621	1/4	11,478	1/4	1,156	1/4		1/4		1/4	
1/2	62,859	1/2	52,490	1/2	42,122	1/2	31,753	1/2	21,412	1/2	11,261	1/2	975	1/2		1/2		1/2	
3/4	62,643	3/4	52,274	3/4	41,906	3/4	31,537	3/4	21,203	3/4	11,044	3/4	795	3/4		3/4		3/4	
10	62,427	10	52,058	10	41,689	10	31,321	10	20,994	10	10,828	10	615	10		10		10	
1/4	62,211	1/4	51,842	1/4	41,473	1/4	31,105	1/4	20,784	1/4	10,611	1/4	507	1/4		1/4		1/4	
1/2	61,995	1/2	51,626	1/2	41,257	1/2	30,889	1/2	20,575	1/2	10,394	1/2	398	1/2		1/2		1/2	
3/4	61,779	3/4	51,410	3/4	41,041	3/4	30,673	3/4	20,366	3/4	10,178	3/4	290	3/4		3/4		3/4	
11	61,563	11	51,194	11	40,825	11	30,457	11	20,157	11	9,961	11	182	11		11		11	
1/4	61,347	1/4	50,978	1/4	40,609	1/4	30,241	1/4	19,948	1/4	9,745	1/4	146	1/4		1/4		1/4	
1/2	61,131	1/2	50,762	1/2	40,393	1/2	30,025	1/2	19,738	1/2	9,528	1/2	109	1/2		1/2		1/2	
3/4	60,915	3/4	50,546	3/4	40,177	3/4	29,809	3/4	19,529	3/4	9,311	3/4	73	3/4		3/4		3/4	

STRAPPED: 11/04/2009 CL - SW  
CALCULATED: 11/04/2009 CL  
PRINTED: 11/04/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2009

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "WEB 123"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 17'-00"

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
							160,853		149,237		137,622		126,006		114,391		102,775		91,159		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	160,611	1/4	148,995	1/4	137,380	1/4	125,764	1/4	114,149	1/4	102,533	1/4	90,917		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	160,369	1/2	148,753	1/2	137,138	1/2	125,522	1/2	113,907	1/2	102,291	1/2	90,675		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	160,127	3/4	148,511	3/4	136,896	3/4	125,280	3/4	113,665	3/4	102,049	3/4	90,433		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>159,885</b>	<b>1</b>	<b>148,269</b>	<b>1</b>	<b>136,654</b>	<b>1</b>	<b>125,038</b>	<b>1</b>	<b>113,423</b>	<b>1</b>	<b>101,807</b>	<b>1</b>	<b>90,191</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	159,643	1/4	148,027	1/4	136,412	1/4	124,796	1/4	113,181	1/4	101,565	1/4	89,949		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	159,401	1/2	147,785	1/2	136,170	1/2	124,554	1/2	112,939	1/2	101,323	1/2	89,707		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	159,159	3/4	147,543	3/4	135,928	3/4	124,312	3/4	112,697	3/4	101,081	3/4	89,466		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>158,917</b>	<b>2</b>	<b>147,301</b>	<b>2</b>	<b>135,686</b>	<b>2</b>	<b>124,070</b>	<b>2</b>	<b>112,455</b>	<b>2</b>	<b>100,839</b>	<b>2</b>	<b>89,224</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	158,675	1/4	147,059	1/4	135,444	1/4	123,828	1/4	112,213	1/4	100,597	1/4	88,982		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	158,433	1/2	146,817	1/2	135,202	1/2	123,586	1/2	111,971	1/2	100,355	1/2	88,740		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	158,191	3/4	146,575	3/4	134,960	3/4	123,344	3/4	111,729	3/4	100,113	3/4	88,498		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>157,949</b>	<b>3</b>	<b>146,333</b>	<b>3</b>	<b>134,718</b>	<b>3</b>	<b>123,102</b>	<b>3</b>	<b>111,487</b>	<b>3</b>	<b>99,871</b>	<b>3</b>	<b>88,256</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	157,707	1/4	146,091	1/4	134,476	1/4	122,860	1/4	111,245	1/4	99,629	1/4	88,014		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	167,628	1/2	157,465	1/2	145,849	1/2	134,234	1/2	122,618	1/2	111,003	1/2	99,387	1/2	87,772
3/4	3/4	3/4	3/4	3/4	3/4	3/4	167,608	3/4	157,223	3/4	145,607	3/4	133,992	3/4	122,376	3/4	110,761	3/4	99,145	3/4	87,530
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>167,588</b>	<b>4</b>	<b>156,981</b>	<b>4</b>	<b>145,365</b>	<b>4</b>	<b>133,750</b>	<b>4</b>	<b>122,134</b>	<b>4</b>	<b>110,519</b>	<b>4</b>	<b>98,903</b>	<b>4</b>	<b>87,288</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	167,508	1/4	156,739	1/4	145,123	1/4	133,508	1/4	121,892	1/4	110,277	1/4	98,661	1/4	87,046
1/2	1/2	1/2	1/2	1/2	1/2	1/2	167,427	1/2	156,497	1/2	144,881	1/2	133,266	1/2	121,650	1/2	110,035	1/2	98,419	1/2	86,804
3/4	3/4	3/4	3/4	3/4	3/4	3/4	167,346	3/4	156,255	3/4	144,639	3/4	133,024	3/4	121,408	3/4	109,793	3/4	98,177	3/4	86,562
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>167,266</b>	<b>5</b>	<b>156,013</b>	<b>5</b>	<b>144,397</b>	<b>5</b>	<b>132,782</b>	<b>5</b>	<b>121,166</b>	<b>5</b>	<b>109,551</b>	<b>5</b>	<b>97,935</b>	<b>5</b>	<b>86,320</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	167,104	1/4	155,771	1/4	144,155	1/4	132,540	1/4	120,924	1/4	109,309	1/4	97,693	1/4	86,078
1/2	1/2	1/2	1/2	1/2	1/2	1/2	166,943	1/2	155,529	1/2	143,913	1/2	132,298	1/2	120,682	1/2	109,067	1/2	97,451	1/2	85,836
3/4	3/4	3/4	3/4	3/4	3/4	3/4	166,782	3/4	155,287	3/4	143,671	3/4	132,056	3/4	120,440	3/4	108,825	3/4	97,209	3/4	85,594
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>166,620</b>	<b>6</b>	<b>155,045</b>	<b>6</b>	<b>143,429</b>	<b>6</b>	<b>131,814</b>	<b>6</b>	<b>120,198</b>	<b>6</b>	<b>108,583</b>	<b>6</b>	<b>96,967</b>	<b>6</b>	<b>85,352</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	166,388	1/4	154,803	1/4	143,187	1/4	131,572	1/4	119,956	1/4	108,341	1/4	96,725	1/4	85,110
1/2	1/2	1/2	1/2	1/2	1/2	1/2	166,156	1/2	154,561	1/2	142,945	1/2	131,330	1/2	119,714	1/2	108,099	1/2	96,483	1/2	84,868
3/4	3/4	3/4	3/4	3/4	3/4	3/4	165,925	3/4	154,319	3/4	142,703	3/4	131,088	3/4	119,472	3/4	107,857	3/4	96,241	3/4	84,626
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>165,693</b>	<b>7</b>	<b>154,077</b>	<b>7</b>	<b>142,461</b>	<b>7</b>	<b>130,846</b>	<b>7</b>	<b>119,230</b>	<b>7</b>	<b>107,615</b>	<b>7</b>	<b>95,999</b>	<b>7</b>	<b>84,384</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	165,451	1/4	153,835	1/4	142,220	1/4	130,604	1/4	118,988	1/4	107,373	1/4	95,757	1/4	84,142
1/2	1/2	1/2	1/2	1/2	1/2	1/2	165,209	1/2	153,593	1/2	141,978	1/2	130,362	1/2	118,746	1/2	107,131	1/2	95,515	1/2	83,900
3/4	3/4	3/4	3/4	3/4	3/4	3/4	164,967	3/4	153,351	3/4	141,736	3/4	130,120	3/4	118,504	3/4	106,889	3/4	95,273	3/4	83,658
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>164,725</b>	<b>8</b>	<b>153,109</b>	<b>8</b>	<b>141,494</b>	<b>8</b>	<b>129,878</b>	<b>8</b>	<b>118,262</b>	<b>8</b>	<b>106,647</b>	<b>8</b>	<b>95,031</b>	<b>8</b>	<b>83,416</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	164,483	1/4	152,867	1/4	141,252	1/4	129,636	1/4	118,020	1/4	106,405	1/4	94,789	1/4	83,174
1/2	1/2	1/2	1/2	1/2	1/2	1/2	164,241	1/2	152,625	1/2	141,010	1/2	129,394	1/2	117,778	1/2	106,163	1/2	94,547	1/2	82,932
3/4	3/4	3/4	3/4	3/4	3/4	3/4	163,999	3/4	152,383	3/4	140,768	3/4	129,152	3/4	117,536	3/4	105,921	3/4	94,305	3/4	82,690
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>163,757</b>	<b>9</b>	<b>152,141</b>	<b>9</b>	<b>140,526</b>	<b>9</b>	<b>128,910</b>	<b>9</b>	<b>117,294</b>	<b>9</b>	<b>105,679</b>	<b>9</b>	<b>94,063</b>	<b>9</b>	<b>82,448</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	163,515	1/4	151,899	1/4	140,284	1/4	128,668	1/4	117,052	1/4	105,437	1/4	93,821	1/4	82,206
1/2	1/2	1/2	1/2	1/2	1/2	1/2	163,273	1/2	151,657	1/2	140,042	1/2	128,426	1/2	116,810	1/2	105,195	1/2	93,579	1/2	81,964
3/4	3/4	3/4	3/4	3/4	3/4	3/4	163,031	3/4	151,415	3/4	139,800	3/4	128,184	3/4	116,568	3/4	104,953	3/4	93,337	3/4	81,722
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>162,789</b>	<b>10</b>	<b>151,173</b>	<b>10</b>	<b>139,558</b>	<b>10</b>	<b>127,942</b>	<b>10</b>	<b>116,326</b>	<b>10</b>	<b>104,711</b>	<b>10</b>	<b>93,095</b>	<b>10</b>	<b>81,480</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	162,547	1/4	150,931	1/4	139,316	1/4	127,700	1/4	116,084	1/4	104,469	1/4	92,853	1/4	81,238
1/2	1/2	1/2	1/2	1/2	1/2	1/2	162,305	1/2	150,689	1/2	139,074	1/2	127,458	1/2	115,843	1/2	104,227	1/2	92,611	1/2	80,996
3/4	3/4	3/4	3/4	3/4	3/4	3/4	162,063	3/4	150,447	3/4	138,832	3/4	127,216	3/4	115,601	3/4	103,985	3/4	92,369	3/4	80,754
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>161,821</b>	<b>11</b>	<b>150,205</b>	<b>11</b>	<b>138,590</b>	<b>11</b>	<b>126,974</b>	<b>11</b>	<b>115,359</b>	<b>11</b>	<b>103,743</b>	<b>11</b>	<b>92,127</b>	<b>11</b>	<b>80,512</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	161,579	1/4	149,963	1/4	138,348	1/4	126,732	1/4	115,117	1/4	103,501	1/4	91,885	1/4	80,270
1/2	1/2	1/2	1/2	1/2	1/2	1/2	161,337	1/2	149,721	1/2	138,106	1/2	126,490	1/2	114,875	1/2	103,259	1/2	91,643	1/2	80,028
3/4	3/4	3/4	3/4	3/4	3/4	3/4	161,095	3/4	149,479	3/4	137,864	3/4	126,248	3/4	114,633	3/4	103,017	3/4	91,401	3/4	79,786

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 ON CENTERLINE AND 38'-10" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "WEB 123"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 17'-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	79,544	0	67,928	0	56,313	0	44,697	0	33,082	0	21,588	0	10,155	0	37	0		0	
1/4	79,302	1/4	67,686	1/4	56,071	1/4	44,455	1/4	32,840	1/4	21,353	1/4	9,913	1/4		1/4		1/4	
1/2	79,060	1/2	67,444	1/2	55,829	1/2	44,213	1/2	32,598	1/2	21,119	1/2	9,671	1/2		1/2		1/2	
3/4	78,818	3/4	67,202	3/4	55,587	3/4	43,971	3/4	32,356	3/4	20,885	3/4	9,429	3/4		3/4		3/4	
1	78,576	1	66,960	1	55,345	1	43,729	1	32,114	1	20,650	1	9,187	1		1		1	
1/4	78,334	1/4	66,718	1/4	55,103	1/4	43,487	1/4	31,872	1/4	20,416	1/4	8,945	1/4		1/4		1/4	
1/2	78,092	1/2	66,476	1/2	54,861	1/2	43,245	1/2	31,630	1/2	20,182	1/2	8,703	1/2		1/2		1/2	
3/4	77,850	3/4	66,234	3/4	54,619	3/4	43,003	3/4	31,388	3/4	19,947	3/4	8,461	3/4		3/4		3/4	
2	77,608	2	65,992	2	54,377	2	42,761	2	31,146	2	19,713	2	8,219	2		2		2	
1/4	77,366	1/4	65,750	1/4	54,135	1/4	42,519	1/4	30,904	1/4	19,479	1/4	7,977	1/4		1/4		1/4	
1/2	77,124	1/2	65,508	1/2	53,893	1/2	42,277	1/2	30,662	1/2	19,244	1/2	7,735	1/2		1/2		1/2	
3/4	76,882	3/4	65,266	3/4	53,651	3/4	42,035	3/4	30,420	3/4	19,010	3/4	7,493	3/4		3/4		3/4	
3	76,640	3	65,024	3	53,409	3	41,793	3	30,178	3	18,776	3	7,251	3		3		3	
1/4	76,398	1/4	64,782	1/4	53,167	1/4	41,551	1/4	29,936	1/4	18,542	1/4	7,009	1/4		1/4		1/4	
1/2	76,156	1/2	64,540	1/2	52,925	1/2	41,309	1/2	29,694	1/2	18,307	1/2	6,767	1/2		1/2		1/2	
3/4	75,914	3/4	64,298	3/4	52,683	3/4	41,067	3/4	29,452	3/4	18,073	3/4	6,525	3/4		3/4		3/4	
4	75,672	4	64,056	4	52,441	4	40,825	4	29,210	4	17,839	4	6,283	4		4		4	
1/4	75,430	1/4	63,814	1/4	52,199	1/4	40,583	1/4	28,968	1/4	17,604	1/4	6,041	1/4		1/4		1/4	
1/2	75,188	1/2	63,572	1/2	51,957	1/2	40,341	1/2	28,726	1/2	17,370	1/2	5,800	1/2		1/2		1/2	
3/4	74,946	3/4	63,331	3/4	51,715	3/4	40,099	3/4	28,484	3/4	17,136	3/4	5,558	3/4		3/4		3/4	
5	74,704	5	63,089	5	51,473	5	39,857	5	28,242	5	16,901	5	5,316	5		5		5	
1/4	74,462	1/4	62,847	1/4	51,231	1/4	39,615	1/4	28,000	1/4	16,667	1/4	5,075	1/4		1/4		1/4	
1/2	74,220	1/2	62,605	1/2	50,989	1/2	39,373	1/2	27,758	1/2	16,432	1/2	4,834	1/2		1/2		1/2	
3/4	73,978	3/4	62,363	3/4	50,747	3/4	39,131	3/4	27,516	3/4	16,197	3/4	4,593	3/4		3/4		3/4	
6	73,736	6	62,121	6	50,505	6	38,889	6	27,274	6	15,963	6	4,351	6		6		6	
1/4	73,494	1/4	61,879	1/4	50,263	1/4	38,647	1/4	27,032	1/4	15,721	1/4	4,111	1/4		1/4		1/4	
1/2	73,252	1/2	61,637	1/2	50,021	1/2	38,405	1/2	26,790	1/2	15,479	1/2	3,871	1/2		1/2		1/2	
3/4	73,010	3/4	61,395	3/4	49,779	3/4	38,163	3/4	26,548	3/4	15,237	3/4	3,630	3/4		3/4		3/4	
7	72,768	7	61,153	7	49,537	7	37,921	7	26,306	7	14,995	7	3,390	7		7		7	
1/4	72,526	1/4	60,911	1/4	49,295	1/4	37,679	1/4	26,064	1/4	14,753	1/4	3,151	1/4		1/4		1/4	
1/2	72,284	1/2	60,669	1/2	49,053	1/2	37,437	1/2	25,822	1/2	14,511	1/2	2,912	1/2		1/2		1/2	
3/4	72,042	3/4	60,427	3/4	48,811	3/4	37,195	3/4	25,580	3/4	14,269	3/4	2,673	3/4		3/4		3/4	
8	71,800	8	60,185	8	48,569	8	36,954	8	25,338	8	14,027	8	2,434	8		8		8	
1/4	71,558	1/4	59,943	1/4	48,327	1/4	36,712	1/4	25,103	1/4	13,785	1/4	2,197	1/4		1/4		1/4	
1/2	71,316	1/2	59,701	1/2	48,085	1/2	36,470	1/2	24,869	1/2	13,543	1/2	1,961	1/2		1/2		1/2	
3/4	71,074	3/4	59,459	3/4	47,843	3/4	36,228	3/4	24,634	3/4	13,301	3/4	1,724	3/4		3/4		3/4	
9	70,832	9	59,217	9	47,601	9	35,986	9	24,399	9	13,059	9	1,487	9		9		9	
1/4	70,590	1/4	58,975	1/4	47,359	1/4	35,744	1/4	24,165	1/4	12,817	1/4	1,286	1/4		1/4		1/4	
1/2	70,348	1/2	58,733	1/2	47,117	1/2	35,502	1/2	23,931	1/2	12,575	1/2	1,085	1/2		1/2		1/2	
3/4	70,106	3/4	58,491	3/4	46,875	3/4	35,260	3/4	23,696	3/4	12,333	3/4	884	3/4		3/4		3/4	
10	69,864	10	58,249	10	46,633	10	35,018	10	23,462	10	12,091	10	682	10		10		10	
1/4	69,622	1/4	58,007	1/4	46,391	1/4	34,776	1/4	23,228	1/4	11,849	1/4	561	1/4		1/4		1/4	
1/2	69,380	1/2	57,765	1/2	46,149	1/2	34,534	1/2	22,993	1/2	11,607	1/2	440	1/2		1/2		1/2	
3/4	69,138	3/4	57,523	3/4	45,907	3/4	34,292	3/4	22,759	3/4	11,365	3/4	319	3/4		3/4		3/4	
11	68,896	11	57,281	11	45,665	11	34,050	11	22,525	11	11,123	11	199	11		11		11	
1/4	68,654	1/4	57,039	1/4	45,423	1/4	33,808	1/4	22,290	1/4	10,881	1/4	158	1/4		1/4		1/4	
1/2	68,412	1/2	56,797	1/2	45,181	1/2	33,566	1/2	22,056	1/2	10,639	1/2	118	1/2		1/2		1/2	
3/4	68,170	3/4	56,555	3/4	44,939	3/4	33,324	3/4	21,822	3/4	10,397	3/4	78	3/4		3/4		3/4	

STRAPPED: 11/04/2009 CL - SW  
 CALCULATED: 11/04/2009 CL  
 PRINTED: 11/04/2009 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 11/2009

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "WEB 123"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 17'-00 3/4"

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	0	0	142,844	0	132,594	0	122,344	0	112,093	0	101,843	0	91,592	0	81,342		
1/4	1/4	1/4	1/4	1/4	1/4	142,631	1/4	132,380	1/4	122,130	1/4	111,880	1/4	101,629	1/4	91,379	1/4	81,128		
1/2	1/2	1/2	1/2	1/2	1/2	142,417	1/2	132,167	1/2	121,916	1/2	111,666	1/2	101,416	1/2	91,165	1/2	80,915		
3/4	3/4	3/4	3/4	3/4	3/4	142,204	3/4	131,953	3/4	121,703	3/4	111,453	3/4	101,202	3/4	90,952	3/4	80,701		
1	1	1	1	1	1	141,990	1	131,740	1	121,489	1	111,239	1	100,989	1	90,738	1	80,488		
1/4	1/4	1/4	1/4	1/4	1/4	141,777	1/4	131,526	1/4	121,276	1/4	111,025	1/4	100,775	1/4	90,525	1/4	80,274		
1/2	1/2	1/2	1/2	1/2	1/2	141,563	1/2	131,313	1/2	121,062	1/2	110,812	1/2	100,561	1/2	90,311	1/2	80,061		
3/4	3/4	3/4	3/4	3/4	3/4	141,349	3/4	131,099	3/4	120,849	3/4	110,598	3/4	100,348	3/4	90,098	3/4	79,847		
2	2	2	2	2	2	141,136	2	130,886	2	120,635	2	110,385	2	100,134	2	89,884	2	79,634		
1/4	1/4	1/4	1/4	1/4	1/4	140,922	1/4	130,672	1/4	120,422	1/4	110,171	1/4	99,921	1/4	89,670	1/4	79,420		
1/2	1/2	1/2	1/2	1/2	1/2	140,709	1/2	130,458	1/2	120,208	1/2	109,958	1/2	99,707	1/2	89,457	1/2	79,206		
3/4	3/4	3/4	3/4	3/4	3/4	140,495	3/4	130,245	3/4	119,995	3/4	109,744	3/4	99,494	3/4	89,243	3/4	78,993		
3	3	3	3	3	3	140,282	3	130,031	3	119,781	3	109,531	3	99,280	3	89,030	3	78,779		
1/4	1/4	1/4	1/4	1/4	1/4	140,068	1/4	129,818	1/4	119,567	1/4	109,317	1/4	99,067	1/4	88,816	1/4	78,566		
1/2	1/2	1/2	1/2	1/2	1/2	139,855	1/2	129,604	1/2	119,354	1/2	109,103	1/2	98,853	1/2	88,603	1/2	78,352		
3/4	3/4	3/4	3/4	3/4	3/4	139,641	3/4	129,391	3/4	119,140	3/4	108,890	3/4	98,640	3/4	88,389	3/4	78,139		
4	4	4	4	4	4	139,428	4	129,177	4	118,927	4	108,676	4	98,426	4	88,176	4	77,925		
1/4	1/4	1/4	1/4	1/4	1/4	148,183	1/4	139,214	1/4	128,964	1/4	118,713	1/4	108,463	1/4	98,212	1/4	87,962	1/4	77,712
1/2	1/2	1/2	1/2	1/2	1/2	148,165	1/2	139,000	1/2	128,750	1/2	118,500	1/2	108,249	1/2	97,999	1/2	87,748	1/2	77,498
3/4	3/4	3/4	3/4	3/4	3/4	148,147	3/4	138,787	3/4	128,536	3/4	118,286	3/4	108,036	3/4	97,785	3/4	87,535	3/4	77,285
5	5	5	5	5	5	148,076	5	138,573	5	128,323	5	118,073	5	107,822	5	97,572	5	87,321	5	77,071
1/4	1/4	1/4	1/4	1/4	1/4	148,005	1/4	138,360	1/4	128,109	1/4	117,859	1/4	107,609	1/4	97,358	1/4	87,108	1/4	76,857
1/2	1/2	1/2	1/2	1/2	1/2	147,934	1/2	138,146	1/2	127,896	1/2	117,645	1/2	107,395	1/2	97,145	1/2	86,894	1/2	76,644
3/4	3/4	3/4	3/4	3/4	3/4	147,863	3/4	137,933	3/4	127,682	3/4	117,432	3/4	107,182	3/4	96,931	3/4	86,681	3/4	76,430
6	6	6	6	6	6	147,720	6	137,719	6	127,469	6	117,218	6	106,968	6	96,718	6	86,467	6	76,217
1/4	1/4	1/4	1/4	1/4	1/4	147,578	1/4	137,506	1/4	127,255	1/4	117,005	1/4	106,754	1/4	96,504	1/4	86,254	1/4	76,003
1/2	1/2	1/2	1/2	1/2	1/2	147,436	1/2	137,292	1/2	127,042	1/2	116,791	1/2	106,541	1/2	96,290	1/2	86,040	1/2	75,790
3/4	3/4	3/4	3/4	3/4	3/4	147,293	3/4	137,078	3/4	126,828	3/4	116,578	3/4	106,327	3/4	96,077	3/4	85,827	3/4	75,576
7	7	7	7	7	7	147,089	7	136,865	7	126,615	7	116,364	7	106,114	7	95,863	7	85,613	7	75,363
1/4	1/4	1/4	1/4	1/4	1/4	146,884	1/4	136,651	1/4	126,401	1/4	116,151	1/4	105,900	1/4	95,650	1/4	85,399	1/4	75,149
1/2	1/2	1/2	1/2	1/2	1/2	146,679	1/2	136,438	1/2	126,187	1/2	115,937	1/2	105,687	1/2	95,436	1/2	85,186	1/2	74,935
3/4	3/4	3/4	3/4	3/4	3/4	146,475	3/4	136,224	3/4	125,974	3/4	115,724	3/4	105,473	3/4	95,223	3/4	84,972	3/4	74,722
8	8	8	8	8	8	146,261	8	136,011	8	125,760	8	115,510	8	105,260	8	95,009	8	84,759	8	74,508
1/4	1/4	1/4	1/4	1/4	1/4	146,048	1/4	135,797	1/4	125,547	1/4	115,296	1/4	105,046	1/4	94,796	1/4	84,545	1/4	74,295
1/2	1/2	1/2	1/2	1/2	1/2	145,834	1/2	135,584	1/2	125,333	1/2	115,083	1/2	104,832	1/2	94,582	1/2	84,332	1/2	74,081
3/4	3/4	3/4	3/4	3/4	3/4	145,620	3/4	135,370	3/4	125,120	3/4	114,869	3/4	104,619	3/4	94,369	3/4	84,118	3/4	73,868
9	9	9	9	9	9	145,407	9	135,157	9	124,906	9	114,656	9	104,405	9	94,155	9	83,905	9	73,654
1/4	1/4	1/4	1/4	1/4	1/4	145,193	1/4	134,943	1/4	124,693	1/4	114,442	1/4	104,192	1/4	93,941	1/4	83,691	1/4	73,441
1/2	1/2	1/2	1/2	1/2	1/2	144,980	1/2	134,729	1/2	124,479	1/2	114,229	1/2	103,978	1/2	93,728	1/2	83,477	1/2	73,227
3/4	3/4	3/4	3/4	3/4	3/4	144,766	3/4	134,516	3/4	124,266	3/4	114,015	3/4	103,765	3/4	93,514	3/4	83,264	3/4	73,014
10	10	10	10	10	10	144,553	10	134,302	10	124,052	10	113,802	10	103,551	10	93,301	10	83,050	10	72,800
1/4	1/4	1/4	1/4	1/4	1/4	144,339	1/4	134,089	1/4	123,838	1/4	113,588	1/4	103,338	1/4	93,087	1/4	82,837	1/4	72,586
1/2	1/2	1/2	1/2	1/2	1/2	144,126	1/2	133,875	1/2	123,625	1/2	113,374	1/2	103,124	1/2	92,874	1/2	82,623	1/2	72,373
3/4	3/4	3/4	3/4	3/4	3/4	143,912	3/4	133,662	3/4	123,411	3/4	113,161	3/4	102,911	3/4	92,660	3/4	82,410	3/4	72,159
11	11	11	11	11	11	143,699	11	133,448	11	123,198	11	112,947	11	102,697	11	92,447	11	82,196	11	71,946
1/4	1/4	1/4	1/4	1/4	1/4	143,485	1/4	133,235	1/4	122,984	1/4	112,734	1/4	102,483	1/4	92,233	1/4	81,983	1/4	71,732
1/2	1/2	1/2	1/2	1/2	1/2	143,271	1/2	133,021	1/2	122,771	1/2	112,520	1/2	102,270	1/2	92,019	1/2	81,769	1/2	71,519
3/4	3/4	3/4	3/4	3/4	3/4	143,058	3/4	132,807	3/4	122,557	3/4	112,307	3/4	102,056	3/4	91,806	3/4	81,556	3/4	71,305

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 ON CENTERLINE AND 31'-08" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "WEB 123"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 17'-00 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	71,092	0	60,841	0	50,591	0	40,340	0	30,090	0	19,847	0	9,606	0	144	0		0	
1/4	70,878	1/4	60,628	1/4	50,377	1/4	40,127	1/4	29,876	1/4	19,634	1/4	9,393	1/4	108	1/4		1/4	
1/2	70,665	1/2	60,414	1/2	50,164	1/2	39,913	1/2	29,663	1/2	19,421	1/2	9,179	1/2	73	1/2		1/2	
3/4	70,451	3/4	60,201	3/4	49,950	3/4	39,700	3/4	29,449	3/4	19,208	3/4	8,966	3/4	37	3/4		3/4	
1	70,237	1	59,987	1	49,737	1	39,486	1	29,236	1	18,994	1	8,752	1		1		1	
1/4	70,024	1/4	59,773	1/4	49,523	1/4	39,273	1/4	29,022	1/4	18,781	1/4	8,539	1/4		1/4		1/4	
1/2	69,810	1/2	59,560	1/2	49,310	1/2	39,059	1/2	28,809	1/2	18,568	1/2	8,325	1/2		1/2		1/2	
3/4	69,597	3/4	59,346	3/4	49,096	3/4	38,846	3/4	28,595	3/4	18,355	3/4	8,112	3/4		3/4		3/4	
2	69,383	2	59,133	2	48,882	2	38,632	2	28,382	2	18,142	2	7,898	2		2		2	
1/4	69,170	1/4	58,919	1/4	48,669	1/4	38,418	1/4	28,168	1/4	17,929	1/4	7,684	1/4		1/4		1/4	
1/2	68,956	1/2	58,706	1/2	48,455	1/2	38,205	1/2	27,955	1/2	17,716	1/2	7,471	1/2		1/2		1/2	
3/4	68,743	3/4	58,492	3/4	48,242	3/4	37,991	3/4	27,741	3/4	17,503	3/4	7,257	3/4		3/4		3/4	
3	68,529	3	58,279	3	48,028	3	37,778	3	27,527	3	17,290	3	7,044	3		3		3	
1/4	68,315	1/4	58,065	1/4	47,815	1/4	37,564	1/4	27,314	1/4	17,077	1/4	6,830	1/4		1/4		1/4	
1/2	68,102	1/2	57,852	1/2	47,601	1/2	37,351	1/2	27,100	1/2	16,864	1/2	6,617	1/2		1/2		1/2	
3/4	67,888	3/4	57,638	3/4	47,388	3/4	37,137	3/4	26,887	3/4	16,650	3/4	6,403	3/4		3/4		3/4	
4	67,675	4	57,424	4	47,174	4	36,924	4	26,673	4	16,437	4	6,190	4		4		4	
1/4	67,461	1/4	57,211	1/4	46,960	1/4	36,710	1/4	26,460	1/4	16,224	1/4	5,976	1/4		1/4		1/4	
1/2	67,248	1/2	56,997	1/2	46,747	1/2	36,497	1/2	26,246	1/2	16,011	1/2	5,763	1/2		1/2		1/2	
3/4	67,034	3/4	56,784	3/4	46,533	3/4	36,283	3/4	26,033	3/4	15,798	3/4	5,549	3/4		3/4		3/4	
5	66,821	5	56,570	5	46,320	5	36,069	5	25,819	5	15,585	5	5,336	5		5		5	
1/4	66,607	1/4	56,357	1/4	46,106	1/4	35,856	1/4	25,605	1/4	15,372	1/4	5,122	1/4		1/4		1/4	
1/2	66,394	1/2	56,143	1/2	45,893	1/2	35,642	1/2	25,392	1/2	15,158	1/2	4,909	1/2		1/2		1/2	
3/4	66,180	3/4	55,930	3/4	45,679	3/4	35,429	3/4	25,178	3/4	14,945	3/4	4,696	3/4		3/4		3/4	
6	65,966	6	55,716	6	45,466	6	35,215	6	24,965	6	14,732	6	4,483	6		6		6	
1/4	65,753	1/4	55,502	1/4	45,252	1/4	35,002	1/4	24,751	1/4	14,518	1/4	4,270	1/4		1/4		1/4	
1/2	65,539	1/2	55,289	1/2	45,039	1/2	34,788	1/2	24,538	1/2	14,304	1/2	4,057	1/2		1/2		1/2	
3/4	65,326	3/4	55,075	3/4	44,825	3/4	34,575	3/4	24,324	3/4	14,091	3/4	3,844	3/4		3/4		3/4	
7	65,112	7	54,862	7	44,611	7	34,361	7	24,111	7	13,877	7	3,632	7		7		7	
1/4	64,899	1/4	54,648	1/4	44,398	1/4	34,147	1/4	23,897	1/4	13,664	1/4	3,420	1/4		1/4		1/4	
1/2	64,685	1/2	54,435	1/2	44,184	1/2	33,934	1/2	23,684	1/2	13,450	1/2	3,208	1/2		1/2		1/2	
3/4	64,472	3/4	54,221	3/4	43,971	3/4	33,720	3/4	23,470	3/4	13,237	3/4	2,996	3/4		3/4		3/4	
8	64,258	8	54,008	8	43,757	8	33,507	8	23,257	8	13,023	8	2,785	8		8		8	
1/4	64,044	1/4	53,794	1/4	43,544	1/4	33,293	1/4	23,044	1/4	12,810	1/4	2,574	1/4		1/4		1/4	
1/2	63,831	1/2	53,581	1/2	43,330	1/2	33,080	1/2	22,830	1/2	12,596	1/2	2,363	1/2		1/2		1/2	
3/4	63,617	3/4	53,367	3/4	43,117	3/4	32,866	3/4	22,617	3/4	12,383	3/4	2,152	3/4		3/4		3/4	
9	63,404	9	53,153	9	42,903	9	32,653	9	22,404	9	12,169	9	1,943	9		9		9	
1/4	63,190	1/4	52,940	1/4	42,689	1/4	32,439	1/4	22,191	1/4	11,955	1/4	1,735	1/4		1/4		1/4	
1/2	62,977	1/2	52,726	1/2	42,476	1/2	32,226	1/2	21,978	1/2	11,742	1/2	1,526	1/2		1/2		1/2	
3/4	62,763	3/4	52,513	3/4	42,262	3/4	32,012	3/4	21,765	3/4	11,528	3/4	1,317	3/4		3/4		3/4	
10	62,550	10	52,299	10	42,049	10	31,798	10	21,552	10	11,315	10	1,139	10		10		10	
1/4	62,336	1/4	52,086	1/4	41,835	1/4	31,585	1/4	21,338	1/4	11,101	1/4	962	1/4		1/4		1/4	
1/2	62,123	1/2	51,872	1/2	41,622	1/2	31,371	1/2	21,125	1/2	10,888	1/2	784	1/2		1/2		1/2	
3/4	61,909	3/4	51,659	3/4	41,408	3/4	31,158	3/4	20,912	3/4	10,674	3/4	607	3/4		3/4		3/4	
11	61,695	11	51,445	11	41,195	11	30,944	11	20,699	11	10,461	11	500	11		11		11	
1/4	61,482	1/4	51,231	1/4	40,981	1/4	30,731	1/4	20,486	1/4	10,247	1/4	393	1/4		1/4		1/4	
1/2	61,268	1/2	51,018	1/2	40,768	1/2	30,517	1/2	20,273	1/2	10,033	1/2	286	1/2		1/2		1/2	
3/4	61,055	3/4	50,804	3/4	40,554	3/4	30,304	3/4	20,060	3/4	9,820	3/4	180	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2009 CL - SW  
CALCULATED: 11/04/2009 CL  
PRINTED: 11/04/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2009

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