



# BARGE "DBL 88"

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

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

LENGTH BETWEEN DRAFT MARKS: 160'-00"

June 2, 2010

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
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# BARGE "DBL 88"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							135,821												
1/4	1/4	1/4	1/4	1/4	1/4	1/4	135,639	1/4	1/4	1/4	118,184	1/4	1/4	1/4	99,918	1/4	1/4	1/4	79,701
1/2	1/2	1/2	1/2	1/2	1/2	1/2	135,457	1/2	1/2	1/2	118,002	1/2	1/2	1/2	99,707	1/2	1/2	1/2	79,491
3/4	3/4	3/4	3/4	3/4	3/4	3/4	135,275	3/4	3/4	3/4	117,821	3/4	3/4	3/4	99,496	3/4	3/4	3/4	79,280
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>135,094</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>117,639</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>99,286</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>79,069</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	134,912	1/4	1/4	1/4	117,457	1/4	1/4	1/4	99,075	1/4	1/4	1/4	78,859
1/2	1/2	1/2	1/2	1/2	1/2	1/2	134,730	1/2	1/2	1/2	117,275	1/2	1/2	1/2	98,865	1/2	1/2	1/2	78,648
3/4	3/4	3/4	3/4	3/4	3/4	3/4	134,548	3/4	3/4	3/4	117,093	3/4	3/4	3/4	98,654	3/4	3/4	3/4	78,437
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>134,366</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>116,912</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>98,443</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>78,227</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	134,185	1/4	1/4	1/4	116,730	1/4	1/4	1/4	98,233	1/4	1/4	1/4	78,016
1/2	1/2	1/2	1/2	1/2	1/2	1/2	134,003	1/2	1/2	1/2	116,548	1/2	1/2	1/2	98,022	1/2	1/2	1/2	77,806
3/4	3/4	3/4	3/4	3/4	3/4	3/4	133,821	3/4	3/4	3/4	116,366	3/4	3/4	3/4	97,812	3/4	3/4	3/4	77,595
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>133,639</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>116,184</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>97,601</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>77,384</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	133,457	1/4	1/4	1/4	116,002	1/4	1/4	1/4	97,390	1/4	1/4	1/4	77,174
1/2	1/2	1/2	1/2	1/2	1/2	1/2	133,275	1/2	1/2	1/2	115,821	1/2	1/2	1/2	97,180	1/2	1/2	1/2	76,963
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,058	3/4	3/4	3/4	115,639	3/4	3/4	3/4	96,969	3/4	3/4	3/4	76,753
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>141,037</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>115,457</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>96,758</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>76,542</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,016	1/4	1/4	1/4	115,275	1/4	1/4	1/4	96,548	1/4	1/4	1/4	76,331
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,931	1/2	1/2	1/2	115,093	1/2	1/2	1/2	96,337	1/2	1/2	1/2	76,121
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,847	3/4	3/4	3/4	114,912	3/4	3/4	3/4	96,127	3/4	3/4	3/4	75,910
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>140,763</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>114,730</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>95,916</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>75,700</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,678	1/4	1/4	1/4	114,548	1/4	1/4	1/4	95,705	1/4	1/4	1/4	75,489
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,509	1/2	1/2	1/2	114,366	1/2	1/2	1/2	95,495	1/2	1/2	1/2	75,278
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,341	3/4	3/4	3/4	114,184	3/4	3/4	3/4	95,284	3/4	3/4	3/4	75,068
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>140,172</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>114,002</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>95,074</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>74,857</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,003	1/4	1/4	1/4	113,821	1/4	1/4	1/4	94,863	1/4	1/4	1/4	74,647
1/2	1/2	1/2	1/2	1/2	1/2	1/2	139,821	1/2	1/2	1/2	113,639	1/2	1/2	1/2	94,652	1/2	1/2	1/2	74,436
3/4	3/4	3/4	3/4	3/4	3/4	3/4	139,639	3/4	3/4	3/4	113,457	3/4	3/4	3/4	94,442	3/4	3/4	3/4	74,225
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>139,457</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>113,275</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>94,231</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>74,015</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	139,275	1/4	1/4	1/4	113,093	1/4	1/4	1/4	94,021	1/4	1/4	1/4	73,804
1/2	1/2	1/2	1/2	1/2	1/2	1/2	139,094	1/2	1/2	1/2	112,911	1/2	1/2	1/2	93,810	1/2	1/2	1/2	73,594
3/4	3/4	3/4	3/4	3/4	3/4	3/4	138,912	3/4	3/4	3/4	112,730	3/4	3/4	3/4	93,599	3/4	3/4	3/4	73,383
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>138,730</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>112,548</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>93,389</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>73,172</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	138,548	1/4	1/4	1/4	112,366	1/4	1/4	1/4	93,178	1/4	1/4	1/4	72,962
1/2	1/2	1/2	1/2	1/2	1/2	1/2	138,366	1/2	1/2	1/2	112,184	1/2	1/2	1/2	92,968	1/2	1/2	1/2	72,751
3/4	3/4	3/4	3/4	3/4	3/4	3/4	138,185	3/4	3/4	3/4	112,002	3/4	3/4	3/4	92,757	3/4	3/4	3/4	72,540
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>138,003</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>111,821</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>92,546</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>72,330</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	137,821	1/4	1/4	1/4	111,639	1/4	1/4	1/4	92,336	1/4	1/4	1/4	72,119
1/2	1/2	1/2	1/2	1/2	1/2	1/2	137,639	1/2	1/2	1/2	111,457	1/2	1/2	1/2	92,125	1/2	1/2	1/2	71,909
3/4	3/4	3/4	3/4	3/4	3/4	3/4	137,457	3/4	3/4	3/4	111,275	3/4	3/4	3/4	91,915	3/4	3/4	3/4	71,698
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>137,275</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>111,093</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>91,704</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>71,487</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	137,094	1/4	1/4	1/4	110,911	1/4	1/4	1/4	91,493	1/4	1/4	1/4	71,277
1/2	1/2	1/2	1/2	1/2	1/2	1/2	136,912	1/2	1/2	1/2	110,730	1/2	1/2	1/2	91,283	1/2	1/2	1/2	71,066
3/4	3/4	3/4	3/4	3/4	3/4	3/4	136,730	3/4	3/4	3/4	110,548	3/4	3/4	3/4	91,072	3/4	3/4	3/4	70,856
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>136,548</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>110,366</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>90,862</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>70,645</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	136,366	1/4	1/4	1/4	110,184	1/4	1/4	1/4	90,651	1/4	1/4	1/4	70,434
1/2	1/2	1/2	1/2	1/2	1/2	1/2	136,185	1/2	1/2	1/2	110,002	1/2	1/2	1/2	90,440	1/2	1/2	1/2	70,224
3/4	3/4	3/4	3/4	3/4	3/4	3/4	136,003	3/4	3/4	3/4	109,821	3/4	3/4	3/4	90,230	3/4	3/4	3/4	70,013

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

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# BARGE "DBL 88"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 17'-00 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	69,803	0	59,694	0	49,586	0	39,477	0	29,369	0	19,249	0	9,185	0	82	0		0	
1/4	69,592	1/4	59,484	1/4	49,375	1/4	39,267	1/4	29,158	1/4	19,038	1/4	8,974	1/4	39	1/4		1/4	
1/2	69,382	1/2	59,273	1/2	49,165	1/2	39,056	1/2	28,947	1/2	18,827	1/2	8,762	1/2		1/2		1/2	
3/4	69,171	3/4	59,062	3/4	48,954	3/4	38,845	3/4	28,737	3/4	18,617	3/4	8,551	3/4		3/4		3/4	
1	68,960	1	58,852	1	48,743	1	38,635	1	28,526	1	18,406	1	8,340	1		1		1	
1/4	68,750	1/4	58,641	1/4	48,533	1/4	38,424	1/4	28,316	1/4	18,195	1/4	8,129	1/4		1/4		1/4	
1/2	68,539	1/2	58,431	1/2	48,322	1/2	38,214	1/2	28,105	1/2	17,984	1/2	7,918	1/2		1/2		1/2	
3/4	68,329	3/4	58,220	3/4	48,112	3/4	38,003	3/4	27,895	3/4	17,774	3/4	7,707	3/4		3/4		3/4	
2	68,118	2	58,009	2	47,901	2	37,792	2	27,684	2	17,563	2	7,496	2		2		2	
1/4	67,907	1/4	57,799	1/4	47,690	1/4	37,582	1/4	27,473	1/4	17,352	1/4	7,284	1/4		1/4		1/4	
1/2	67,697	1/2	57,588	1/2	47,480	1/2	37,371	1/2	27,263	1/2	17,141	1/2	7,073	1/2		1/2		1/2	
3/4	67,486	3/4	57,378	3/4	47,269	3/4	37,161	3/4	27,052	3/4	16,930	3/4	6,862	3/4		3/4		3/4	
3	67,276	3	57,167	3	47,059	3	36,950	3	26,842	3	16,720	3	6,651	3		3		3	
1/4	67,065	1/4	56,956	1/4	46,848	1/4	36,739	1/4	26,631	1/4	16,509	1/4	6,440	1/4		1/4		1/4	
1/2	66,854	1/2	56,746	1/2	46,637	1/2	36,529	1/2	26,420	1/2	16,298	1/2	6,229	1/2		1/2		1/2	
3/4	66,644	3/4	56,535	3/4	46,427	3/4	36,318	3/4	26,209	3/4	16,087	3/4	6,018	3/4		3/4		3/4	
4	66,433	4	56,325	4	46,216	4	36,108	4	25,998	4	15,877	4	5,806	4		4		4	
1/4	66,223	1/4	56,114	1/4	46,006	1/4	35,897	1/4	25,788	1/4	15,666	1/4	5,595	1/4		1/4		1/4	
1/2	66,012	1/2	55,904	1/2	45,795	1/2	35,686	1/2	25,577	1/2	15,455	1/2	5,384	1/2		1/2		1/2	
3/4	65,801	3/4	55,693	3/4	45,584	3/4	35,476	3/4	25,365	3/4	15,244	3/4	5,173	3/4		3/4		3/4	
5	65,591	5	55,482	5	45,374	5	35,265	5	25,154	5	15,033	5	4,962	5		5		5	
1/4	65,380	1/4	55,272	1/4	45,163	1/4	35,055	1/4	24,943	1/4	14,822	1/4	4,751	1/4		1/4		1/4	
1/2	65,170	1/2	55,061	1/2	44,953	1/2	34,844	1/2	24,732	1/2	14,610	1/2	4,540	1/2		1/2		1/2	
3/4	64,959	3/4	54,851	3/4	44,742	3/4	34,634	3/4	24,521	3/4	14,399	3/4	4,328	3/4		3/4		3/4	
6	64,748	6	54,640	6	44,531	6	34,423	6	24,310	6	14,188	6	4,117	6		6		6	
1/4	64,538	1/4	54,429	1/4	44,321	1/4	34,212	1/4	24,099	1/4	13,977	1/4	3,906	1/4		1/4		1/4	
1/2	64,327	1/2	54,219	1/2	44,110	1/2	34,002	1/2	23,888	1/2	13,766	1/2	3,700	1/2		1/2		1/2	
3/4	64,117	3/4	54,008	3/4	43,900	3/4	33,791	3/4	23,677	3/4	13,555	3/4	3,493	3/4		3/4		3/4	
7	63,906	7	53,798	7	43,689	7	33,581	7	23,466	7	13,344	7	3,286	7		7		7	
1/4	63,695	1/4	53,587	1/4	43,478	1/4	33,370	1/4	23,255	1/4	13,133	1/4	3,080	1/4		1/4		1/4	
1/2	63,485	1/2	53,376	1/2	43,268	1/2	33,159	1/2	23,044	1/2	12,924	1/2	2,887	1/2		1/2		1/2	
3/4	63,274	3/4	53,166	3/4	43,057	3/4	32,949	3/4	22,832	3/4	12,716	3/4	2,694	3/4		3/4		3/4	
8	63,064	8	52,955	8	42,847	8	32,738	8	22,621	8	12,507	8	2,501	8		8		8	
1/4	62,853	1/4	52,745	1/4	42,636	1/4	32,528	1/4	22,410	1/4	12,299	1/4	2,308	1/4		1/4		1/4	
1/2	62,643	1/2	52,534	1/2	42,425	1/2	32,317	1/2	22,200	1/2	12,093	1/2	2,110	1/2		1/2		1/2	
3/4	62,432	3/4	52,323	3/4	42,215	3/4	32,106	3/4	21,989	3/4	11,887	3/4	1,912	3/4		3/4		3/4	
9	62,221	9	52,113	9	42,004	9	31,896	9	21,778	9	11,681	9	1,715	9		9		9	
1/4	62,011	1/4	51,902	1/4	41,794	1/4	31,685	1/4	21,567	1/4	11,476	1/4	1,517	1/4		1/4		1/4	
1/2	61,800	1/2	51,692	1/2	41,583	1/2	31,475	1/2	21,356	1/2	11,270	1/2	1,317	1/2		1/2		1/2	
3/4	61,590	3/4	51,481	3/4	41,373	3/4	31,264	3/4	21,146	3/4	11,064	3/4	1,116	3/4		3/4		3/4	
10	61,379	10	51,270	10	41,162	10	31,053	10	20,935	10	10,858	10	916	10		10		10	
1/4	61,168	1/4	51,060	1/4	40,951	1/4	30,843	1/4	20,724	1/4	10,652	1/4	715	1/4		1/4		1/4	
1/2	60,958	1/2	50,849	1/2	40,741	1/2	30,632	1/2	20,513	1/2	10,444	1/2	588	1/2		1/2		1/2	
3/4	60,747	3/4	50,639	3/4	40,530	3/4	30,422	3/4	20,303	3/4	10,235	3/4	462	3/4		3/4		3/4	
11	60,537	11	50,428	11	40,320	11	30,211	11	20,092	11	10,027	11	335	11		11		11	
1/4	60,326	1/4	50,217	1/4	40,109	1/4	30,000	1/4	19,881	1/4	9,818	1/4	208	1/4		1/4		1/4	
1/2	60,115	1/2	50,007	1/2	39,898	1/2	29,790	1/2	19,670	1/2	9,607	1/2	166	1/2		1/2		1/2	
3/4	59,905	3/4	49,796	3/4	39,688	3/4	29,579	3/4	19,460	3/4	9,396	3/4	124	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2010 SW  
CALCULATED: 06/02/2010 CL  
PRINTED: 06/02/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2010

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



# BARGE "DBL 88"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	157,125	0	145,802	0	134,480	0	123,158	0	111,835	0	100,513	0	89,192		
1/4	1/4	1/4	1/4	1/4	156,889	1/4	145,566	1/4	134,244	1/4	122,922	1/4	111,599	1/4	100,277	1/4	88,956		
1/2	1/2	1/2	1/2	1/2	156,653	1/2	145,331	1/2	134,008	1/2	122,686	1/2	111,363	1/2	100,041	1/2	88,720		
3/4	3/4	3/4	3/4	3/4	156,417	3/4	145,095	3/4	133,772	3/4	122,450	3/4	111,127	3/4	99,806	3/4	88,484		
1	1	1	1	1	156,181	1	144,859	1	133,536	1	122,214	1	110,892	1	99,570	1	88,248		
1/4	1/4	1/4	1/4	1/4	155,945	1/4	144,623	1/4	133,301	1/4	121,978	1/4	110,656	1/4	99,334	1/4	88,012		
1/2	1/2	1/2	1/2	1/2	155,709	1/2	144,387	1/2	133,065	1/2	121,742	1/2	110,420	1/2	99,099	1/2	87,776		
3/4	3/4	3/4	3/4	3/4	155,474	3/4	144,151	3/4	132,829	3/4	121,506	3/4	110,184	3/4	98,863	3/4	87,541		
2	2	2	2	2	155,238	2	143,915	2	132,593	2	121,270	2	109,948	2	98,627	2	87,305		
1/4	1/4	1/4	1/4	1/4	155,002	1/4	143,679	1/4	132,357	1/4	121,035	1/4	109,712	1/4	98,391	1/4	87,069		
1/2	1/2	1/2	1/2	1/2	154,766	1/2	143,444	1/2	132,121	1/2	120,799	1/2	109,476	1/2	98,155	1/2	86,833		
3/4	3/4	3/4	3/4	3/4	154,530	3/4	143,208	3/4	131,885	3/4	120,563	3/4	109,240	3/4	97,920	3/4	86,597		
3	3	3	3	3	154,294	3	142,972	3	131,649	3	120,327	3	109,004	3	97,684	3	86,361		
1/4	1/4	1/4	1/4	1/4	154,058	1/4	142,736	1/4	131,413	1/4	120,091	1/4	108,769	1/4	97,448	1/4	86,125		
1/2	1/2	1/2	1/2	163,965	153,822	1/2	142,500	1/2	131,178	1/2	119,855	1/2	108,533	1/2	97,212	1/2	85,889		
3/4	3/4	3/4	3/4	163,942	153,587	3/4	142,264	3/4	130,942	3/4	119,619	3/4	108,297	3/4	96,976	3/4	85,654		
4	4	4	4	163,918	153,351	4	142,028	4	130,706	4	119,383	4	108,061	4	96,740	4	85,418		
1/4	1/4	1/4	1/4	163,824	153,115	1/4	141,792	1/4	130,470	1/4	119,147	1/4	107,825	1/4	96,504	1/4	85,182		
1/2	1/2	1/2	1/2	163,729	152,879	1/2	141,556	1/2	130,234	1/2	118,912	1/2	107,589	1/2	96,268	1/2	84,946		
3/4	3/4	3/4	3/4	163,635	152,643	3/4	141,321	3/4	129,998	3/4	118,676	3/4	107,353	3/4	96,032	3/4	84,710		
5	5	5	5	163,541	152,407	5	141,085	5	129,762	5	118,440	5	107,117	5	95,797	5	84,474		
1/4	1/4	1/4	1/4	163,352	152,171	1/4	140,849	1/4	129,526	1/4	118,204	1/4	106,882	1/4	95,561	1/4	84,238		
1/2	1/2	1/2	1/2	163,163	151,935	1/2	140,613	1/2	129,290	1/2	117,968	1/2	106,646	1/2	95,325	1/2	84,002		
3/4	3/4	3/4	3/4	162,975	151,699	3/4	140,377	3/4	129,055	3/4	117,732	3/4	106,410	3/4	95,089	3/4	83,766		
6	6	6	6	162,786	151,464	6	140,141	6	128,819	6	117,496	6	106,174	6	94,853	6	83,531		
1/4	1/4	1/4	1/4	162,550	151,228	1/4	139,905	1/4	128,583	1/4	117,260	1/4	105,938	1/4	94,617	1/4	83,295		
1/2	1/2	1/2	1/2	162,314	150,992	1/2	139,669	1/2	128,347	1/2	117,025	1/2	105,702	1/2	94,381	1/2	83,059		
3/4	3/4	3/4	3/4	162,078	150,756	3/4	139,433	3/4	128,111	3/4	116,789	3/4	105,466	3/4	94,145	3/4	82,823		
7	7	7	7	161,842	150,520	7	139,198	7	127,875	7	116,553	7	105,230	7	93,910	7	82,587		
1/4	1/4	1/4	1/4	161,607	150,284	1/4	138,962	1/4	127,639	1/4	116,317	1/4	104,994	1/4	93,674	1/4	82,351		
1/2	1/2	1/2	1/2	161,371	150,048	1/2	138,726	1/2	127,403	1/2	116,081	1/2	104,759	1/2	93,438	1/2	82,115		
3/4	3/4	3/4	3/4	161,135	149,812	3/4	138,490	3/4	127,168	3/4	115,845	3/4	104,523	3/4	93,202	3/4	81,879		
8	8	8	8	160,899	149,576	8	138,254	8	126,932	8	115,609	8	104,287	8	92,966	8	81,643		
1/4	1/4	1/4	1/4	160,663	149,341	1/4	138,018	1/4	126,696	1/4	115,373	1/4	104,051	1/4	92,730	1/4	81,408		
1/2	1/2	1/2	1/2	160,427	149,105	1/2	137,782	1/2	126,460	1/2	115,137	1/2	103,815	1/2	92,494	1/2	81,172		
3/4	3/4	3/4	3/4	160,191	148,869	3/4	137,546	3/4	126,224	3/4	114,902	3/4	103,579	3/4	92,258	3/4	80,936		
9	9	9	9	159,955	148,633	9	137,311	9	125,988	9	114,666	9	103,343	9	92,022	9	80,700		
1/4	1/4	1/4	1/4	159,719	148,397	1/4	137,075	1/4	125,752	1/4	114,430	1/4	103,107	1/4	91,787	1/4	80,464		
1/2	1/2	1/2	1/2	159,484	148,161	1/2	136,839	1/2	125,516	1/2	114,194	1/2	102,871	1/2	91,551	1/2	80,228		
3/4	3/4	3/4	3/4	159,248	147,925	3/4	136,603	3/4	125,280	3/4	113,958	3/4	102,636	3/4	91,315	3/4	79,992		
10	10	10	10	159,012	147,689	10	136,367	10	125,045	10	113,722	10	102,400	10	91,079	10	79,756		
1/4	1/4	1/4	1/4	158,776	147,454	1/4	136,131	1/4	124,809	1/4	113,486	1/4	102,164	1/4	90,843	1/4	79,520		
1/2	1/2	1/2	1/2	158,540	147,218	1/2	135,895	1/2	124,573	1/2	113,250	1/2	101,928	1/2	90,607	1/2	79,285		
3/4	3/4	3/4	3/4	158,304	146,982	3/4	135,659	3/4	124,337	3/4	113,014	3/4	101,692	3/4	90,371	3/4	79,049		
11	11	11	11	158,068	146,746	11	135,423	11	124,101	11	112,779	11	101,456	11	90,135	11	78,813		
1/4	1/4	1/4	1/4	157,832	146,510	1/4	135,188	1/4	123,865	1/4	112,543	1/4	101,220	1/4	89,899	1/4	78,577		
1/2	1/2	1/2	1/2	157,597	146,274	1/2	134,952	1/2	123,629	1/2	112,307	1/2	100,984	1/2	89,664	1/2	78,341		
3/4	3/4	3/4	3/4	157,361	146,038	3/4	134,716	3/4	123,393	3/4	112,071	3/4	100,749	3/4	89,428	3/4	78,105		

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'-06" 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 "DBL 88"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. 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	77,869	0	66,547	0	55,224	0	43,902	0	32,579	0	21,274	0	10,039	0	39	0		0	
1/4	77,633	1/4	66,311	1/4	54,988	1/4	43,666	1/4	32,343	1/4	21,040	1/4	9,803	1/4		1/4		1/4	
1/2	77,398	1/2	66,075	1/2	54,752	1/2	43,430	1/2	32,107	1/2	20,805	1/2	9,567	1/2		1/2		1/2	
3/4	77,162	3/4	65,839	3/4	54,517	3/4	43,194	3/4	31,872	3/4	20,570	3/4	9,331	3/4		3/4		3/4	
1	76,926	1	65,603	1	54,281	1	42,958	1	31,636	1	20,335	1	9,095	1		1		1	
1/4	76,690	1/4	65,367	1/4	54,045	1/4	42,722	1/4	31,400	1/4	20,101	1/4	8,860	1/4		1/4		1/4	
1/2	76,454	1/2	65,131	1/2	53,809	1/2	42,486	1/2	31,164	1/2	19,866	1/2	8,624	1/2		1/2		1/2	
3/4	76,218	3/4	64,896	3/4	53,573	3/4	42,251	3/4	30,928	3/4	19,631	3/4	8,388	3/4		3/4		3/4	
2	75,982	2	64,660	2	53,337	2	42,015	2	30,692	2	19,396	2	8,152	2		2		2	
1/4	75,746	1/4	64,424	1/4	53,101	1/4	41,779	1/4	30,456	1/4	19,162	1/4	7,916	1/4		1/4		1/4	
1/2	75,510	1/2	64,188	1/2	52,865	1/2	41,543	1/2	30,220	1/2	18,927	1/2	7,680	1/2		1/2		1/2	
3/4	75,275	3/4	63,952	3/4	52,629	3/4	41,307	3/4	29,984	3/4	18,692	3/4	7,444	3/4		3/4		3/4	
3	75,039	3	63,716	3	52,394	3	41,071	3	29,749	3	18,457	3	7,208	3		3		3	
1/4	74,803	1/4	63,480	1/4	52,158	1/4	40,835	1/4	29,513	1/4	18,222	1/4	6,972	1/4		1/4		1/4	
1/2	74,567	1/2	63,244	1/2	51,922	1/2	40,599	1/2	29,277	1/2	17,988	1/2	6,736	1/2		1/2		1/2	
3/4	74,331	3/4	63,008	3/4	51,686	3/4	40,363	3/4	29,041	3/4	17,753	3/4	6,500	3/4		3/4		3/4	
4	74,095	4	62,773	4	51,450	4	40,128	4	28,805	4	17,518	4	6,264	4		4		4	
1/4	73,859	1/4	62,537	1/4	51,214	1/4	39,892	1/4	28,569	1/4	17,283	1/4	6,028	1/4		1/4		1/4	
1/2	73,623	1/2	62,301	1/2	50,978	1/2	39,656	1/2	28,333	1/2	17,048	1/2	5,793	1/2		1/2		1/2	
3/4	73,387	3/4	62,065	3/4	50,742	3/4	39,420	3/4	28,097	3/4	16,813	3/4	5,557	3/4		3/4		3/4	
5	73,152	5	61,829	5	50,507	5	39,184	5	27,861	5	16,578	5	5,321	5		5		5	
1/4	72,916	1/4	61,593	1/4	50,271	1/4	38,948	1/4	27,626	1/4	16,343	1/4	5,085	1/4		1/4		1/4	
1/2	72,680	1/2	61,357	1/2	50,035	1/2	38,712	1/2	27,390	1/2	16,108	1/2	4,849	1/2		1/2		1/2	
3/4	72,444	3/4	61,121	3/4	49,799	3/4	38,476	3/4	27,154	3/4	15,873	3/4	4,613	3/4		3/4		3/4	
6	72,208	6	60,885	6	49,563	6	38,240	6	26,918	6	15,638	6	4,377	6		6		6	
1/4	71,972	1/4	60,650	1/4	49,327	1/4	38,005	1/4	26,682	1/4	15,402	1/4	4,146	1/4		1/4		1/4	
1/2	71,736	1/2	60,414	1/2	49,091	1/2	37,769	1/2	26,446	1/2	15,166	1/2	3,914	1/2		1/2		1/2	
3/4	71,500	3/4	60,178	3/4	48,855	3/4	37,533	3/4	26,210	3/4	14,930	3/4	3,683	3/4		3/4		3/4	
7	71,264	7	59,942	7	48,619	7	37,297	7	25,974	7	14,694	7	3,452	7		7		7	
1/4	71,029	1/4	59,706	1/4	48,384	1/4	37,061	1/4	25,738	1/4	14,461	1/4	3,234	1/4		1/4		1/4	
1/2	70,793	1/2	59,470	1/2	48,148	1/2	36,825	1/2	25,503	1/2	14,227	1/2	3,016	1/2		1/2		1/2	
3/4	70,557	3/4	59,234	3/4	47,912	3/4	36,589	3/4	25,267	3/4	13,994	3/4	2,798	3/4		3/4		3/4	
8	70,321	8	58,998	8	47,676	8	36,353	8	25,031	8	13,761	8	2,580	8		8		8	
1/4	70,085	1/4	58,763	1/4	47,440	1/4	36,117	1/4	24,796	1/4	13,530	1/4	2,358	1/4		1/4		1/4	
1/2	69,849	1/2	58,527	1/2	47,204	1/2	35,882	1/2	24,561	1/2	13,300	1/2	2,136	1/2		1/2		1/2	
3/4	69,613	3/4	58,291	3/4	46,968	3/4	35,646	3/4	24,327	3/4	13,069	3/4	1,913	3/4		3/4		3/4	
9	69,377	9	58,055	9	46,732	9	35,410	9	24,092	9	12,838	9	1,691	9		9		9	
1/4	69,142	1/4	57,819	1/4	46,496	1/4	35,174	1/4	23,857	1/4	12,608	1/4	1,467	1/4		1/4		1/4	
1/2	68,906	1/2	57,583	1/2	46,261	1/2	34,938	1/2	23,622	1/2	12,377	1/2	1,243	1/2		1/2		1/2	
3/4	68,670	3/4	57,347	3/4	46,025	3/4	34,702	3/4	23,387	3/4	12,147	3/4	1,018	3/4		3/4		3/4	
10	68,434	10	57,111	10	45,789	10	34,466	10	23,153	10	11,916	10	794	10		10		10	
1/4	68,198	1/4	56,875	1/4	45,553	1/4	34,230	1/4	22,918	1/4	11,683	1/4	653	1/4		1/4		1/4	
1/2	67,962	1/2	56,640	1/2	45,317	1/2	33,995	1/2	22,683	1/2	11,449	1/2	511	1/2		1/2		1/2	
3/4	67,726	3/4	56,404	3/4	45,081	3/4	33,759	3/4	22,448	3/4	11,216	3/4	370	3/4		3/4		3/4	
11	67,490	11	56,168	11	44,845	11	33,523	11	22,214	11	10,983	11	228	11		11		11	
1/4	67,254	1/4	55,932	1/4	44,609	1/4	33,287	1/4	21,979	1/4	10,747	1/4	181	1/4		1/4		1/4	
1/2	67,019	1/2	55,696	1/2	44,373	1/2	33,051	1/2	21,744	1/2	10,511	1/2	134	1/2		1/2		1/2	
3/4	66,783	3/4	55,460	3/4	44,138	3/4	32,815	3/4	21,509	3/4	10,275	3/4	87	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2010 SW  
CALCULATED: 06/02/2010 CL  
PRINTED: 06/02/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2010

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



# BARGE "DBL 88"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 17'-00 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	150,535	0	139,705	0	128,875	0	118,046	0	107,216	0	96,386	0	85,558
1/4		1/4		1/4		1/4	150,309	1/4	139,479	1/4	128,650	1/4	117,820	1/4	106,990	1/4	96,161	1/4	85,333
1/2		1/2		1/2		1/2	150,083	1/2	139,254	1/2	128,424	1/2	117,594	1/2	106,765	1/2	95,935	1/2	85,107
3/4		3/4		3/4		3/4	149,858	3/4	139,028	3/4	128,198	3/4	117,369	3/4	106,539	3/4	95,710	3/4	84,881
1		1		1		1	149,632	1	138,803	1	127,973	1	117,143	1	106,313	1	95,484	1	84,656
1/4		1/4		1/4		1/4	149,407	1/4	138,577	1/4	127,747	1/4	116,918	1/4	106,088	1/4	95,259	1/4	84,430
1/2		1/2		1/2		1/2	149,181	1/2	138,351	1/2	127,522	1/2	116,692	1/2	105,862	1/2	95,034	1/2	84,204
3/4		3/4		3/4		3/4	148,955	3/4	138,126	3/4	127,296	3/4	116,466	3/4	105,637	3/4	94,808	3/4	83,979
2		2		2		2	148,730	2	137,900	2	127,070	2	116,241	2	105,411	2	94,583	2	83,753
1/4		1/4		1/4		1/4	148,504	1/4	137,674	1/4	126,845	1/4	116,015	1/4	105,185	1/4	94,357	1/4	83,528
1/2		1/2		1/2		1/2	148,278	1/2	137,449	1/2	126,619	1/2	115,789	1/2	104,960	1/2	94,132	1/2	83,302
3/4		3/4		3/4		3/4	148,053	3/4	137,223	3/4	126,394	3/4	115,564	3/4	104,734	3/4	93,906	3/4	83,076
3		3		3		3	147,827	3	136,998	3	126,168	3	115,338	3	104,509	3	93,681	3	82,851
1/4		1/4		1/4		1/4	147,602	1/4	136,772	1/4	125,942	1/4	115,113	1/4	104,283	1/4	93,455	1/4	82,625
1/2		1/2		1/2		1/2	147,376	1/2	136,546	1/2	125,717	1/2	114,887	1/2	104,057	1/2	93,229	1/2	82,400
3/4		3/4		3/4	156,852	3/4	147,150	3/4	136,321	3/4	125,491	3/4	114,661	3/4	103,832	3/4	93,004	3/4	82,174
4		4		4	156,829	4	146,925	4	136,095	4	125,265	4	114,436	4	103,606	4	92,778	4	81,948
1/4		1/4		1/4	156,807	1/4	146,699	1/4	135,869	1/4	125,040	1/4	114,210	1/4	103,380	1/4	92,552	1/4	81,723
1/2		1/2		1/2	156,716	1/2	146,474	1/2	135,644	1/2	124,814	1/2	113,985	1/2	103,155	1/2	92,327	1/2	81,497
3/4		3/4		3/4	156,626	3/4	146,248	3/4	135,418	3/4	124,589	3/4	113,759	3/4	102,929	3/4	92,101	3/4	81,271
5		5		5	156,536	5	146,022	5	135,193	5	124,363	5	113,533	5	102,704	5	91,876	5	81,046
1/4		1/4		1/4	156,446	1/4	145,797	1/4	134,967	1/4	124,137	1/4	113,308	1/4	102,478	1/4	91,650	1/4	80,820
1/2		1/2		1/2	156,265	1/2	145,571	1/2	134,741	1/2	123,912	1/2	113,082	1/2	102,252	1/2	91,424	1/2	80,595
3/4		3/4		3/4	156,085	3/4	145,345	3/4	134,516	3/4	123,686	3/4	112,856	3/4	102,027	3/4	91,199	3/4	80,369
6		6		6	155,904	6	145,120	6	134,290	6	123,460	6	112,631	6	101,801	6	90,973	6	80,143
1/4		1/4		1/4	155,724	1/4	144,894	1/4	134,065	1/4	123,235	1/4	112,405	1/4	101,576	1/4	90,747	1/4	79,918
1/2		1/2		1/2	155,498	1/2	144,669	1/2	133,839	1/2	123,009	1/2	112,180	1/2	101,350	1/2	90,522	1/2	79,692
3/4		3/4		3/4	155,273	3/4	144,443	3/4	133,613	3/4	122,784	3/4	111,954	3/4	101,124	3/4	90,296	3/4	79,466
7		7		7	155,047	7	144,217	7	133,388	7	122,558	7	111,728	7	100,899	7	90,071	7	79,241
1/4		1/4		1/4	154,821	1/4	143,992	1/4	133,162	1/4	122,332	1/4	111,503	1/4	100,673	1/4	89,845	1/4	79,015
1/2		1/2		1/2	154,596	1/2	143,766	1/2	132,936	1/2	122,107	1/2	111,277	1/2	100,447	1/2	89,619	1/2	78,790
3/4		3/4		3/4	154,370	3/4	143,540	3/4	132,711	3/4	121,881	3/4	111,051	3/4	100,222	3/4	89,394	3/4	78,564
8		8		8	154,145	8	143,315	8	132,485	8	121,656	8	110,826	8	99,996	8	89,168	8	78,338
1/4		1/4		1/4	153,919	1/4	143,089	1/4	132,260	1/4	121,430	1/4	110,600	1/4	99,771	1/4	88,942	1/4	78,113
1/2		1/2		1/2	153,693	1/2	142,864	1/2	132,034	1/2	121,204	1/2	110,375	1/2	99,545	1/2	88,717	1/2	77,887
3/4		3/4		3/4	153,468	3/4	142,638	3/4	131,808	3/4	120,979	3/4	110,149	3/4	99,319	3/4	88,491	3/4	77,661
9		9		9	153,242	9	142,412	9	131,583	9	120,753	9	109,923	9	99,094	9	88,266	9	77,436
1/4		1/4		1/4	153,016	1/4	142,187	1/4	131,357	1/4	120,527	1/4	109,698	1/4	98,868	1/4	88,040	1/4	77,210
1/2		1/2		1/2	152,791	1/2	141,961	1/2	131,131	1/2	120,302	1/2	109,472	1/2	98,642	1/2	87,814	1/2	76,985
3/4		3/4		3/4	152,565	3/4	141,736	3/4	130,906	3/4	120,076	3/4	109,247	3/4	98,417	3/4	87,589	3/4	76,759
10		10		10	152,340	10	141,510	10	130,680	10	119,851	10	109,021	10	98,191	10	87,363	10	76,533
1/4		1/4		1/4	152,114	1/4	141,284	1/4	130,455	1/4	119,625	1/4	108,795	1/4	97,966	1/4	87,138	1/4	76,308
1/2		1/2		1/2	151,888	1/2	141,059	1/2	130,229	1/2	119,399	1/2	108,570	1/2	97,740	1/2	86,912	1/2	76,082
3/4		3/4		3/4	151,663	3/4	140,833	3/4	130,003	3/4	119,174	3/4	108,344	3/4	97,514	3/4	86,686	3/4	75,857
11		11		11	151,437	11	140,607	11	129,778	11	118,948	11	108,118	11	97,289	11	86,461	11	75,631
1/4		1/4		1/4	151,212	1/4	140,382	1/4	129,552	1/4	118,722	1/4	107,893	1/4	97,063	1/4	86,235	1/4	75,405
1/2		1/2		1/2	150,986	1/2	140,156	1/2	129,327	1/2	118,497	1/2	107,667	1/2	96,838	1/2	86,009	1/2	75,180
3/4		3/4		3/4	150,760	3/4	139,931	3/4	129,101	3/4	118,271	3/4	107,442	3/4	96,612	3/4	85,784	3/4	74,954

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 28'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 88"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 17'-00 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	74,728	0	63,899	0	53,069	0	42,239	0	31,409	0	20,584	0	9,823	0	84	0		0	
1/4	74,503	1/4	63,673	1/4	52,843	1/4	42,013	1/4	31,184	1/4	20,359	1/4	9,598	1/4	39	1/4		1/4	
1/2	74,277	1/2	63,447	1/2	52,618	1/2	41,788	1/2	30,958	1/2	20,134	1/2	9,372	1/2		1/2		1/2	
3/4	74,052	3/4	63,222	3/4	52,392	3/4	41,562	3/4	30,732	3/4	19,908	3/4	9,146	3/4		3/4		3/4	
1	73,826	1	62,996	1	52,166	1	41,337	1	30,507	1	19,683	1	8,921	1		1		1	
1/4	73,600	1/4	62,771	1/4	51,941	1/4	41,111	1/4	30,281	1/4	19,458	1/4	8,695	1/4		1/4		1/4	
1/2	73,375	1/2	62,545	1/2	51,715	1/2	40,885	1/2	30,056	1/2	19,233	1/2	8,469	1/2		1/2		1/2	
3/4	73,149	3/4	62,319	3/4	51,490	3/4	40,660	3/4	29,830	3/4	19,007	3/4	8,244	3/4		3/4		3/4	
2	72,923	2	62,094	2	51,264	2	40,434	2	29,604	2	18,782	2	8,018	2		2		2	
1/4	72,698	1/4	61,868	1/4	51,038	1/4	40,209	1/4	29,379	1/4	18,557	1/4	7,792	1/4		1/4		1/4	
1/2	72,472	1/2	61,642	1/2	50,813	1/2	39,983	1/2	29,153	1/2	18,331	1/2	7,567	1/2		1/2		1/2	
3/4	72,247	3/4	61,417	3/4	50,587	3/4	39,757	3/4	28,928	3/4	18,106	3/4	7,341	3/4		3/4		3/4	
3	72,021	3	61,191	3	50,361	3	39,532	3	28,702	3	17,881	3	7,116	3		3		3	
1/4	71,795	1/4	60,966	1/4	50,136	1/4	39,306	1/4	28,476	1/4	17,655	1/4	6,890	1/4		1/4		1/4	
1/2	71,570	1/2	60,740	1/2	49,910	1/2	39,080	1/2	28,251	1/2	17,430	1/2	6,664	1/2		1/2		1/2	
3/4	71,344	3/4	60,514	3/4	49,685	3/4	38,855	3/4	28,025	3/4	17,205	3/4	6,439	3/4		3/4		3/4	
4	71,118	4	60,289	4	49,459	4	38,629	4	27,799	4	16,980	4	6,213	4		4		4	
1/4	70,893	1/4	60,063	1/4	49,233	1/4	38,404	1/4	27,574	1/4	16,754	1/4	5,987	1/4		1/4		1/4	
1/2	70,667	1/2	59,837	1/2	49,008	1/2	38,178	1/2	27,348	1/2	16,529	1/2	5,762	1/2		1/2		1/2	
3/4	70,442	3/4	59,612	3/4	48,782	3/4	37,952	3/4	27,123	3/4	16,303	3/4	5,536	3/4		3/4		3/4	
5	70,216	5	59,386	5	48,556	5	37,727	5	26,897	5	16,078	5	5,310	5		5		5	
1/4	69,990	1/4	59,161	1/4	48,331	1/4	37,501	1/4	26,671	1/4	15,852	1/4	5,085	1/4		1/4		1/4	
1/2	69,765	1/2	58,935	1/2	48,105	1/2	37,275	1/2	26,446	1/2	15,626	1/2	4,859	1/2		1/2		1/2	
3/4	69,539	3/4	58,709	3/4	47,880	3/4	37,050	3/4	26,220	3/4	15,401	3/4	4,633	3/4		3/4		3/4	
6	69,314	6	58,484	6	47,654	6	36,824	6	25,994	6	15,175	6	4,408	6		6		6	
1/4	69,088	1/4	58,258	1/4	47,428	1/4	36,599	1/4	25,769	1/4	14,950	1/4	4,182	1/4		1/4		1/4	
1/2	68,862	1/2	58,033	1/2	47,203	1/2	36,373	1/2	25,543	1/2	14,724	1/2	3,961	1/2		1/2		1/2	
3/4	68,637	3/4	57,807	3/4	46,977	3/4	36,147	3/4	25,318	3/4	14,498	3/4	3,740	3/4		3/4		3/4	
7	68,411	7	57,581	7	46,752	7	35,922	7	25,092	7	14,273	7	3,519	7		7		7	
1/4	68,185	1/4	57,356	1/4	46,526	1/4	35,696	1/4	24,866	1/4	14,047	1/4	3,298	1/4		1/4		1/4	
1/2	67,960	1/2	57,130	1/2	46,300	1/2	35,471	1/2	24,641	1/2	13,824	1/2	3,090	1/2		1/2		1/2	
3/4	67,734	3/4	56,904	3/4	46,075	3/4	35,245	3/4	24,415	3/4	13,601	3/4	2,882	3/4		3/4		3/4	
8	67,509	8	56,679	8	45,849	8	35,019	8	24,189	8	13,378	8	2,675	8		8		8	
1/4	67,283	1/4	56,453	1/4	45,623	1/4	34,794	1/4	23,964	1/4	13,155	1/4	2,467	1/4		1/4		1/4	
1/2	67,057	1/2	56,228	1/2	45,398	1/2	34,568	1/2	23,739	1/2	12,935	1/2	2,255	1/2		1/2		1/2	
3/4	66,832	3/4	56,002	3/4	45,172	3/4	34,342	3/4	23,513	3/4	12,715	3/4	2,043	3/4		3/4		3/4	
9	66,606	9	55,776	9	44,947	9	34,117	9	23,288	9	12,494	9	1,831	9		9		9	
1/4	66,380	1/4	55,551	1/4	44,721	1/4	33,891	1/4	23,063	1/4	12,274	1/4	1,619	1/4		1/4		1/4	
1/2	66,155	1/2	55,325	1/2	44,495	1/2	33,666	1/2	22,837	1/2	12,053	1/2	1,405	1/2		1/2		1/2	
3/4	65,929	3/4	55,099	3/4	44,270	3/4	33,440	3/4	22,612	3/4	11,833	3/4	1,190	3/4		3/4		3/4	
10	65,704	10	54,874	10	44,044	10	33,214	10	22,387	10	11,613	10	976	10		10		10	
1/4	65,478	1/4	54,648	1/4	43,818	1/4	32,989	1/4	22,161	1/4	11,392	1/4	761	1/4		1/4		1/4	
1/2	65,252	1/2	54,423	1/2	43,593	1/2	32,763	1/2	21,936	1/2	11,169	1/2	626	1/2		1/2		1/2	
3/4	65,027	3/4	54,197	3/4	43,367	3/4	32,537	3/4	21,711	3/4	10,946	3/4	491	3/4		3/4		3/4	
11	64,801	11	53,971	11	43,142	11	32,312	11	21,486	11	10,723	11	355	11		11		11	
1/4	64,576	1/4	53,746	1/4	42,916	1/4	32,086	1/4	21,260	1/4	10,500	1/4	220	1/4		1/4		1/4	
1/2	64,350	1/2	53,520	1/2	42,690	1/2	31,861	1/2	21,035	1/2	10,275	1/2	175	1/2		1/2		1/2	
3/4	64,124	3/4	53,295	3/4	42,465	3/4	31,635	3/4	20,810	3/4	10,049	3/4	130	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2010 SW  
CALCULATED: 06/02/2010 CL  
PRINTED: 06/02/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2010

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "DBL 88"

## SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 8'-04 1/2"

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	0	991	0	806	0	622	0	438	0	254	0	69	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	987	1/4	802	1/4	619	1/4	434	1/4	250	1/4	66	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	983	1/2	798	1/2	615	1/2	430	1/2	247	1/2	62	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	979	3/4	794	3/4	611	3/4	426	3/4	243	3/4	58	3/4	3/4
1	1	1	1	1	1	1	975	1	790	1	607	1	422	1	239	1	54	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	971	1/4	787	1/4	603	1/4	418	1/4	235	1/4	50	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	968	1/2	783	1/2	599	1/2	415	1/2	231	1/2	46	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	964	3/4	779	3/4	596	3/4	411	3/4	227	3/4	42	3/4	3/4
2	2	2	2	2	2	2	960	2	775	2	592	2	407	2	223	2	39	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	956	1/4	772	1/4	588	1/4	403	1/4	220	1/4	35	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	952	1/2	768	1/2	584	1/2	399	1/2	216	1/2	31	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	948	3/4	764	3/4	580	3/4	395	3/4	212	3/4	27	3/4	3/4
3	3	3	3	3	3	3	944	3	760	3	576	3	391	3	208	3	23	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	941	1/4	757	1/4	572	1/4	388	1/4	204	1/4	19	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	937	1/2	753	1/2	569	1/2	384	1/2	200	1/2	15	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	933	3/4	749	3/4	565	3/4	380	3/4	197	3/4	12	3/4	3/4
4	4	4	4	4	4	4	929	4	745	4	561	4	376	4	193	4	8	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	925	1/4	742	1/4	557	1/4	372	1/4	189	1/4	4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	921	1/2	738	1/2	553	1/2	368	1/2	185	1/2	0	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	917	3/4	734	3/4	549	3/4	364	3/4	181	3/4		3/4	3/4
5	5	5	1,098	5	914	5	730	5	545	5	361	5	177	5	5	5	5	5	5
1/4	1/4	1/4	1,095	1/4	910	1/4	726	1/4	542	1/4	357	1/4	173	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1,091	1/2	906	1/2	723	1/2	538	1/2	353	1/2	170	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1,087	3/4	902	3/4	719	3/4	534	3/4	349	3/4	166	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	1,083	6	898	6	715	6	530	6	345	6	162	6	6	6	6	6	6
1/4	1/4	1/4	1,079	1/4	894	1/4	711	1/4	526	1/4	342	1/4	158	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1,075	1/2	891	1/2	707	1/2	522	1/2	338	1/2	154	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1,071	3/4	887	3/4	703	3/4	518	3/4	334	3/4	150	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	1,068	7	883	7	699	7	515	7	331	7	146	7	7	7	7	7	7
1/4	1/4	1/4	1,064	1/4	879	1/4	696	1/4	511	1/4	327	1/4	143	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1,060	1/2	875	1/2	692	1/2	507	1/2	323	1/2	139	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1,056	3/4	871	3/4	688	3/4	503	3/4	319	3/4	135	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	1,052	8	867	8	684	8	499	8	316	8	131	8	8	8	8	8	8
1/4	1/4	1/4	1,048	1/4	864	1/4	680	1/4	495	1/4	312	1/4	127	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1,045	1/2	860	1/2	676	1/2	492	1/2	308	1/2	123	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1,041	3/4	856	3/4	673	3/4	488	3/4	304	3/4	120	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	1,037	9	852	9	669	9	484	9	300	9	116	9	9	9	9	9	9
1/4	1/4	1/4	1,033	1/4	848	1/4	665	1/4	480	1/4	297	1/4	112	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1,029	1/2	844	1/2	661	1/2	476	1/2	293	1/2	108	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1,025	3/4	840	3/4	657	3/4	472	3/4	289	3/4	104	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	1,021	10	837	10	653	10	468	10	285	10	100	10	10	10	10	10	10
1/4	1/4	1/4	1,018	1/4	833	1/4	649	1/4	465	1/4	281	1/4	96	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1,014	1/2	829	1/2	646	1/2	461	1/2	277	1/2	93	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1,010	3/4	825	3/4	642	3/4	457	3/4	274	3/4	89	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	1,006	11	821	11	638	11	453	11	270	11	85	11	11	11	11	11	11
1/4	1/4	1/4	1,002	1/4	817	1/4	634	1/4	449	1/4	266	1/4	81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	998	1/2	814	1/2	630	1/2	445	1/2	262	1/2	77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	994	3/4	810	3/4	626	3/4	441	3/4	258	3/4	73	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "DBL 88"

## FUEL TANK ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 3'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	866	IN	510	IN	154	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4	858	1/4	502	1/4	147	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	851	1/2	495	1/2	139	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	843	3/4	488	3/4	132	3/4		3/4		3/4		3/4		3/4		3/4	
1	1	1	836	1	480	1	125	1	1	1	1	1	1	1	1	1	1	1	1
1/4		1/4	828	1/4	473	1/4	117	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	821	1/2	465	1/2	110	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	814	3/4	458	3/4	103	3/4		3/4		3/4		3/4		3/4		3/4	
2	2	2	806	2	450	2	95	2	2	2	2	2	2	2	2	2	2	2	2
1/4		1/4	799	1/4	443	1/4	88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	791	1/2	436	1/2	81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	784	3/4	428	3/4	73	3/4		3/4		3/4		3/4		3/4		3/4	
3	3	3	777	3	421	3	66	3	3	3	3	3	3	3	3	3	3	3	3
1/4		1/4	769	1/4	413	1/4	59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	762	1/2	406	1/2	51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	755	3/4	398	3/4	44	3/4		3/4		3/4		3/4		3/4		3/4	
4	4	4	747	4	391	4	37	4	4	4	4	4	4	4	4	4	4	4	4
1/4		1/4	740	1/4	384	1/4	29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	733	1/2	376	1/2	22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	725	3/4	369	3/4	15	3/4		3/4		3/4		3/4		3/4		3/4	
5	5	5	718	5	361	5	7	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1,066	1/4	710	1/4	354	1/4	0	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,059	1/2	703	1/2	346	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,051	3/4	696	3/4	339	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	1,044	6	688	6	332	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1,036	1/4	681	1/4	324	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,029	1/2	673	1/2	317	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,022	3/4	666	3/4	310	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	1,014	7	658	7	302	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1,007	1/4	651	1/4	295	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	999	1/2	644	1/2	288	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	992	3/4	636	3/4	280	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	984	8	629	8	273	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	977	1/4	621	1/4	266	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	970	1/2	614	1/2	258	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	962	3/4	606	3/4	251	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	955	9	599	9	243	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	947	1/4	592	1/4	236	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	940	1/2	584	1/2	228	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	932	3/4	577	3/4	221	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	925	10	569	10	214	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	918	1/4	562	1/4	206	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	910	1/2	554	1/2	199	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	903	3/4	547	3/4	191	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	895	11	540	11	184	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	888	1/4	532	1/4	176	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	880	1/2	525	1/2	169	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	873	3/4	517	3/4	162	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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