



# BARGE "DBL 111"

## 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	- 00-1/8	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	- 00-3/8	00-3/8

(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 00-1/8"  
 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"

October 27, 2015

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

<http://www.pmacorp.net>



# BARGE "DBL 111"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0		0	144,631	0	135,249	0	125,824	0	116,398	0	106,777
1/4		1/4		1/4		1/4		1/4		1/4	144,436	1/4	135,053	1/4	125,627	1/4	116,202	1/4	106,553
1/2		1/2		1/2		1/2		1/2		1/2	144,242	1/2	134,856	1/2	125,431	1/2	116,006	1/2	106,329
3/4		3/4		3/4		3/4		3/4		3/4	144,047	3/4	134,660	3/4	125,235	3/4	115,809	3/4	106,106
1		1		1		1		1		1	143,853	1	134,464	1	125,038	1	115,613	1	105,882
1/4		1/4		1/4		1/4		1/4		1/4	143,658	1/4	134,267	1/4	124,842	1/4	115,416	1/4	105,658
1/2		1/2		1/2		1/2		1/2	151,930	1/2	143,463	1/2	134,071	1/2	124,646	1/2	115,220	1/2	105,435
3/4		3/4		3/4		3/4		3/4	151,830	3/4	143,269	3/4	133,875	3/4	124,449	3/4	115,024	3/4	105,211
2		2		2		2		2	151,730	2	143,074	2	133,678	2	124,253	2	114,827	2	104,987
1/4		1/4		1/4		1/4		1/4	151,630	1/4	142,879	1/4	133,482	1/4	124,056	1/4	114,631	1/4	104,764
1/2		1/2		1/2		1/2		1/2	151,528	1/2	142,685	1/2	133,286	1/2	123,860	1/2	114,435	1/2	104,540
3/4		3/4		3/4		3/4		3/4	151,426	3/4	142,490	3/4	133,089	3/4	123,664	3/4	114,238	3/4	104,316
3		3		3		3		3	151,324	3	142,296	3	132,893	3	123,467	3	114,042	3	104,092
1/4		1/4		1/4		1/4		1/4	151,222	1/4	142,101	1/4	132,696	1/4	123,271	1/4	113,845	1/4	103,869
1/2		1/2		1/2		1/2		1/2	151,071	1/2	141,906	1/2	132,500	1/2	123,075	1/2	113,649	1/2	103,645
3/4		3/4		3/4		3/4		3/4	150,920	3/4	141,712	3/4	132,304	3/4	122,878	3/4	113,453	3/4	103,421
4		4		4		4		4	150,769	4	141,517	4	132,107	4	122,682	4	113,256	4	103,198
1/4		1/4		1/4		1/4		1/4	150,618	1/4	141,323	1/4	131,911	1/4	122,486	1/4	113,060	1/4	102,974
1/2		1/2		1/2		1/2		1/2	150,426	1/2	141,128	1/2	131,715	1/2	122,289	1/2	112,864	1/2	102,750
3/4		3/4		3/4		3/4		3/4	150,235	3/4	140,933	3/4	131,518	3/4	122,093	3/4	112,667	3/4	102,526
5		5		5		5		5	150,043	5	140,739	5	131,322	5	121,896	5	112,471	5	102,303
1/4		1/4		1/4		1/4		1/4	149,851	1/4	140,544	1/4	131,126	1/4	121,700	1/4	112,275	1/4	102,079
1/2		1/2		1/2		1/2		1/2	149,660	1/2	140,349	1/2	130,929	1/2	121,504	1/2	112,078	1/2	101,855
3/4		3/4		3/4		3/4		3/4	149,468	3/4	140,155	3/4	130,733	3/4	121,307	3/4	111,882	3/4	101,632
6		6		6		6		6	149,276	6	139,960	6	130,536	6	121,111	6	111,685	6	101,408
1/4		1/4		1/4		1/4		1/4	149,084	1/4	139,766	1/4	130,340	1/4	120,915	1/4	111,489	1/4	101,184
1/2		1/2		1/2		1/2		1/2	148,893	1/2	139,569	1/2	130,144	1/2	120,718	1/2	111,293	1/2	100,961
3/4		3/4		3/4		3/4		3/4	148,701	3/4	139,373	3/4	129,947	3/4	120,522	3/4	111,096	3/4	100,737
7		7		7		7		7	148,509	7	139,177	7	129,751	7	120,326	7	110,900	7	100,513
1/4		1/4		1/4		1/4		1/4	148,317	1/4	138,980	1/4	129,555	1/4	120,129	1/4	110,704	1/4	100,289
1/2		1/2		1/2		1/2		1/2	148,126	1/2	138,784	1/2	129,358	1/2	119,933	1/2	110,507	1/2	100,066
3/4		3/4		3/4		3/4		3/4	147,934	3/4	138,587	3/4	129,162	3/4	119,736	3/4	110,311	3/4	99,842
8		8		8		8		8	147,742	8	138,391	8	128,966	8	119,540	8	110,115	8	99,618
1/4		1/4		1/4		1/4		1/4	147,550	1/4	138,195	1/4	128,769	1/4	119,344	1/4	109,918	1/4	99,395
1/2		1/2		1/2		1/2		1/2	147,356	1/2	137,998	1/2	128,573	1/2	119,147	1/2	109,722	1/2	99,171
3/4		3/4		3/4		3/4		3/4	147,161	3/4	137,802	3/4	128,376	3/4	118,951	3/4	109,525	3/4	98,947
9		9		9		9		9	146,966	9	137,606	9	128,180	9	118,755	9	109,329	9	98,723
1/4		1/4		1/4		1/4		1/4	146,772	1/4	137,409	1/4	127,984	1/4	118,558	1/4	109,133	1/4	98,500
1/2		1/2		1/2		1/2		1/2	146,577	1/2	137,213	1/2	127,787	1/2	118,362	1/2	108,936	1/2	98,276
3/4		3/4		3/4		3/4		3/4	146,383	3/4	137,016	3/4	127,591	3/4	118,166	3/4	108,740	3/4	98,052
10		10		10		10		10	146,188	10	136,820	10	127,395	10	117,969	10	108,544	10	97,829
1/4		1/4		1/4		1/4		1/4	145,993	1/4	136,624	1/4	127,198	1/4	117,773	1/4	108,347	1/4	97,605
1/2		1/2		1/2		1/2		1/2	145,799	1/2	136,427	1/2	127,002	1/2	117,576	1/2	108,151	1/2	97,381
3/4		3/4		3/4		3/4		3/4	145,604	3/4	136,231	3/4	126,806	3/4	117,380	3/4	107,955	3/4	97,158
11		11		11		11		11	145,410	11	136,035	11	126,609	11	117,184	11	107,759	11	96,934
1/4		1/4		1/4		1/4		1/4	145,215	1/4	135,838	1/4	126,413	1/4	116,987	1/4	107,563	1/4	96,710
1/2		1/2		1/2		1/2		1/2	145,020	1/2	135,642	1/2	126,216	1/2	116,791	1/2	107,367	1/2	96,486
3/4		3/4		3/4		3/4		3/4	144,826	3/4	135,446	3/4	126,020	3/4	116,595	3/4	107,171	3/4	96,263

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

PRECISION MEASUREMENT  
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# BARGE "DBL 111"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 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	96,039	0	85,301	0	74,560	0	63,818	0	53,075	0	42,428	0	31,706	0	20,968	0	10,463	0	201
1/4	95,815	1/4	85,077	1/4	74,336	1/4	63,594	1/4	52,852	1/4	42,208	1/4	31,482	1/4	20,744	1/4	10,245	1/4	94
1/2	95,592	1/2	84,854	1/2	74,112	1/2	63,370	1/2	52,628	1/2	41,987	1/2	31,258	1/2	20,521	1/2	10,021	1/2	77
3/4	95,368	3/4	84,630	3/4	73,889	3/4	63,146	3/4	52,404	3/4	41,766	3/4	31,035	3/4	20,297	3/4	9,797	3/4	60
1	95,144	1	84,406	1	73,665	1	62,922	1	52,180	1	41,545	1	30,811	1	20,073	1	9,574	1	44
1/4	94,920	1/4	84,183	1/4	73,441	1/4	62,699	1/4	51,956	1/4	41,325	1/4	30,587	1/4	19,850	1/4	9,350	1/4	27
1/2	94,697	1/2	83,959	1/2	73,217	1/2	62,475	1/2	51,733	1/2	41,101	1/2	30,363	1/2	19,626	1/2	9,126	1/2	
3/4	94,473	3/4	83,735	3/4	72,993	3/4	62,251	3/4	51,509	3/4	40,877	3/4	30,140	3/4	19,402	3/4	8,903	3/4	
2	94,249	2	83,511	2	72,770	2	62,027	2	51,285	2	40,654	2	29,916	2	19,179	2	8,679	2	
1/4	94,026	1/4	83,288	1/4	72,546	1/4	61,803	1/4	51,061	1/4	40,430	1/4	29,692	1/4	18,955	1/4	8,455	1/4	
1/2	93,802	1/2	83,064	1/2	72,322	1/2	61,580	1/2	50,837	1/2	40,206	1/2	29,469	1/2	18,737	1/2	8,231	1/2	
3/4	93,578	3/4	82,840	3/4	72,098	3/4	61,356	3/4	50,614	3/4	39,983	3/4	29,245	3/4	18,519	3/4	8,008	3/4	
3	93,354	3	82,617	3	71,874	3	61,132	3	50,390	3	39,759	3	29,021	3	18,302	3	7,784	3	
1/4	93,131	1/4	82,393	1/4	71,651	1/4	60,908	1/4	50,166	1/4	39,535	1/4	28,798	1/4	18,084	1/4	7,560	1/4	
1/2	92,907	1/2	82,169	1/2	71,427	1/2	60,684	1/2	49,944	1/2	39,311	1/2	28,574	1/2	17,866	1/2	7,337	1/2	
3/4	92,683	3/4	81,945	3/4	71,203	3/4	60,461	3/4	49,722	3/4	39,088	3/4	28,350	3/4	17,648	3/4	7,113	3/4	
4	92,460	4	81,721	4	70,979	4	60,237	4	49,499	4	38,864	4	28,126	4	17,431	4	6,889	4	
1/4	92,236	1/4	81,498	1/4	70,755	1/4	60,013	1/4	49,277	1/4	38,640	1/4	27,903	1/4	17,213	1/4	6,665	1/4	
1/2	92,012	1/2	81,274	1/2	70,532	1/2	59,789	1/2	49,055	1/2	38,417	1/2	27,679	1/2	16,995	1/2	6,442	1/2	
3/4	91,789	3/4	81,050	3/4	70,308	3/4	59,566	3/4	48,833	3/4	38,193	3/4	27,455	3/4	16,777	3/4	6,218	3/4	
5	91,565	5	80,826	5	70,084	5	59,342	5	48,610	5	37,969	5	27,232	5	16,560	5	5,994	5	
1/4	91,341	1/4	80,602	1/4	69,860	1/4	59,118	1/4	48,388	1/4	37,746	1/4	27,008	1/4	16,342	1/4	5,771	1/4	
1/2	91,117	1/2	80,379	1/2	69,636	1/2	58,894	1/2	48,167	1/2	37,522	1/2	26,784	1/2	16,124	1/2	5,547	1/2	
3/4	90,894	3/4	80,155	3/4	69,413	3/4	58,670	3/4	47,947	3/4	37,298	3/4	26,561	3/4	15,906	3/4	5,323	3/4	
6	90,670	6	79,931	6	69,189	6	58,447	6	47,726	6	37,074	6	26,337	6	15,689	6	5,099	6	
1/4	90,446	1/4	79,707	1/4	68,965	1/4	58,223	1/4	47,505	1/4	36,851	1/4	26,113	1/4	15,471	1/4	4,875	1/4	
1/2	90,223	1/2	79,484	1/2	68,741	1/2	57,999	1/2	47,285	1/2	36,627	1/2	25,889	1/2	15,253	1/2	4,651	1/2	
3/4	89,999	3/4	79,260	3/4	68,517	3/4	57,775	3/4	47,064	3/4	36,403	3/4	25,666	3/4	15,035	3/4	4,427	3/4	
7	89,775	7	79,036	7	68,294	7	57,551	7	46,843	7	36,180	7	25,442	7	14,818	7	4,204	7	
1/4	89,551	1/4	78,812	1/4	68,070	1/4	57,328	1/4	46,622	1/4	35,956	1/4	25,218	1/4	14,600	1/4	3,980	1/4	
1/2	89,328	1/2	78,588	1/2	67,846	1/2	57,104	1/2	46,402	1/2	35,732	1/2	24,995	1/2	14,382	1/2	3,756	1/2	
3/4	89,104	3/4	78,365	3/4	67,622	3/4	56,880	3/4	46,181	3/4	35,509	3/4	24,771	3/4	14,164	3/4	3,532	3/4	
8	88,880	8	78,141	8	67,398	8	56,656	8	45,960	8	35,285	8	24,547	8	13,947	8	3,308	8	
1/4	88,657	1/4	77,917	1/4	67,175	1/4	56,432	1/4	45,739	1/4	35,061	1/4	24,324	1/4	13,729	1/4	3,084	1/4	
1/2	88,433	1/2	77,693	1/2	66,951	1/2	56,209	1/2	45,519	1/2	34,837	1/2	24,100	1/2	13,511	1/2	2,860	1/2	
3/4	88,209	3/4	77,469	3/4	66,727	3/4	55,985	3/4	45,298	3/4	34,614	3/4	23,876	3/4	13,293	3/4	2,636	3/4	
9	87,986	9	77,246	9	66,503	9	55,761	9	45,077	9	34,390	9	23,652	9	13,076	9	2,411	9	
1/4	87,762	1/4	77,022	1/4	66,279	1/4	55,537	1/4	44,856	1/4	34,166	1/4	23,429	1/4	12,858	1/4	2,187	1/4	
1/2	87,538	1/2	76,798	1/2	66,056	1/2	55,313	1/2	44,636	1/2	33,943	1/2	23,205	1/2	12,640	1/2	1,964	1/2	
3/4	87,314	3/4	76,574	3/4	65,832	3/4	55,090	3/4	44,415	3/4	33,719	3/4	22,981	3/4	12,423	3/4	1,740	3/4	
10	87,091	10	76,350	10	65,608	10	54,866	10	44,194	10	33,495	10	22,758	10	12,205	10	1,517	10	
1/4	86,867	1/4	76,127	1/4	65,384	1/4	54,642	1/4	43,974	1/4	33,272	1/4	22,534	1/4	11,987	1/4	1,294	1/4	
1/2	86,643	1/2	75,903	1/2	65,160	1/2	54,418	1/2	43,753	1/2	33,048	1/2	22,310	1/2	11,770	1/2	1,100	1/2	
3/4	86,420	3/4	75,679	3/4	64,937	3/4	54,194	3/4	43,532	3/4	32,824	3/4	22,087	3/4	11,552	3/4	907	3/4	
11	86,196	11	75,455	11	64,713	11	53,971	11	43,311	11	32,600	11	21,863	11	11,334	11	713	11	
1/4	85,972	1/4	75,231	1/4	64,489	1/4	53,747	1/4	43,091	1/4	32,377	1/4	21,639	1/4	11,116	1/4	520	1/4	
1/2	85,748	1/2	75,008	1/2	64,265	1/2	53,523	1/2	42,870	1/2	32,153	1/2	21,415	1/2	10,898	1/2	413	1/2	
3/4	85,525	3/4	74,784	3/4	64,041	3/4	53,299	3/4	42,649	3/4	31,929	3/4	21,192	3/4	10,681	3/4	307	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/27/2015 SW  
CALCULATED: 10/27/2015 CL  
REPRINTED: 10/28/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

PRECISION MEASUREMENT  
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<http://www.pmacorp.net>



# BARGE "DBL 111"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0		0	167,907	0	155,940	0	143,916	0	131,891	0	119,866
1/4		1/4		1/4		1/4		1/4		1/4	167,659	1/4	155,690	1/4	143,665	1/4	131,640	1/4	119,616
1/2		1/2		1/2		1/2		1/2		1/2	167,411	1/2	155,439	1/2	143,415	1/2	131,390	1/2	119,365
3/4		3/4		3/4		3/4		3/4		3/4	167,162	3/4	155,189	3/4	143,164	3/4	131,139	3/4	119,115
1		1		1		1		1		1	166,914	1	154,938	1	142,914	1	130,889	1	118,864
1/4		1/4		1/4		1/4		1/4		1/4	166,666	1/4	154,688	1/4	142,663	1/4	130,638	1/4	118,614
1/2		1/2		1/2		1/2		1/2	177,103	1/2	166,418	1/2	154,437	1/2	142,413	1/2	130,388	1/2	118,363
3/4		3/4		3/4		3/4		3/4	177,003	3/4	166,170	3/4	154,187	3/4	142,162	3/4	130,137	3/4	118,113
2		2		2		2		2	176,903	2	165,922	2	153,936	2	141,912	2	129,887	2	117,862
1/4		1/4		1/4		1/4		1/4	176,803	1/4	165,673	1/4	153,686	1/4	141,661	1/4	129,636	1/4	117,612
1/2		1/2		1/2		1/2		1/2	176,689	1/2	165,425	1/2	153,435	1/2	141,411	1/2	129,386	1/2	117,361
3/4		3/4		3/4		3/4		3/4	176,575	3/4	165,177	3/4	153,185	3/4	141,160	3/4	129,135	3/4	117,111
3		3		3		3		3	176,461	3	164,929	3	152,934	3	140,910	3	128,885	3	116,860
1/4		1/4		1/4		1/4		1/4	176,347	1/4	164,681	1/4	152,684	1/4	140,659	1/4	128,634	1/4	116,610
1/2		1/2		1/2		1/2		1/2	176,148	1/2	164,432	1/2	152,433	1/2	140,408	1/2	128,384	1/2	116,359
3/4		3/4		3/4		3/4		3/4	175,948	3/4	164,184	3/4	152,183	3/4	140,158	3/4	128,133	3/4	116,108
4		4		4		4		4	175,749	4	163,936	4	151,932	4	139,907	4	127,883	4	115,858
1/4		1/4		1/4		1/4		1/4	175,550	1/4	163,688	1/4	151,682	1/4	139,657	1/4	127,632	1/4	115,607
1/2		1/2		1/2		1/2		1/2	175,305	1/2	163,440	1/2	151,431	1/2	139,406	1/2	127,382	1/2	115,357
3/4		3/4		3/4		3/4		3/4	175,060	3/4	163,191	3/4	151,181	3/4	139,156	3/4	127,131	3/4	115,106
5		5		5		5		5	174,815	5	162,943	5	150,930	5	138,905	5	126,881	5	114,856
1/4		1/4		1/4		1/4		1/4	174,570	1/4	162,695	1/4	150,680	1/4	138,655	1/4	126,630	1/4	114,605
1/2		1/2		1/2		1/2		1/2	174,325	1/2	162,447	1/2	150,429	1/2	138,404	1/2	126,380	1/2	114,355
3/4		3/4		3/4		3/4		3/4	174,080	3/4	162,199	3/4	150,179	3/4	138,154	3/4	126,129	3/4	114,104
6		6		6		6		6	173,835	6	161,951	6	149,928	6	137,903	6	125,879	6	113,854
1/4		1/4		1/4		1/4		1/4	173,590	1/4	161,702	1/4	149,678	1/4	137,653	1/4	125,628	1/4	113,603
1/2		1/2		1/2		1/2		1/2	173,345	1/2	161,452	1/2	149,427	1/2	137,402	1/2	125,378	1/2	113,353
3/4		3/4		3/4		3/4		3/4	173,100	3/4	161,201	3/4	149,177	3/4	137,152	3/4	125,127	3/4	113,102
7		7		7		7		7	172,855	7	160,951	7	148,926	7	136,901	7	124,877	7	112,852
1/4		1/4		1/4		1/4		1/4	172,610	1/4	160,700	1/4	148,676	1/4	136,651	1/4	124,626	1/4	112,601
1/2		1/2		1/2		1/2		1/2	172,365	1/2	160,450	1/2	148,425	1/2	136,400	1/2	124,375	1/2	112,351
3/4		3/4		3/4		3/4		3/4	172,120	3/4	160,199	3/4	148,174	3/4	136,150	3/4	124,125	3/4	112,100
8		8		8		8		8	171,875	8	159,949	8	147,924	8	135,899	8	123,874	8	111,850
1/4		1/4		1/4		1/4		1/4	171,630	1/4	159,698	1/4	147,673	1/4	135,649	1/4	123,624	1/4	111,599
1/2		1/2		1/2		1/2		1/2	171,382	1/2	159,448	1/2	147,423	1/2	135,398	1/2	123,373	1/2	111,349
3/4		3/4		3/4		3/4		3/4	171,133	3/4	159,197	3/4	147,172	3/4	135,148	3/4	123,123	3/4	111,098
9		9		9		9		9	170,885	9	158,947	9	146,922	9	134,897	9	122,872	9	110,848
1/4		1/4		1/4		1/4		1/4	170,637	1/4	158,696	1/4	146,671	1/4	134,647	1/4	122,622	1/4	110,597
1/2		1/2		1/2		1/2		1/2	170,389	1/2	158,446	1/2	146,421	1/2	134,396	1/2	122,371	1/2	110,347
3/4		3/4		3/4		3/4		3/4	170,141	3/4	158,195	3/4	146,170	3/4	134,146	3/4	122,121	3/4	110,096
10		10		10		10		10	169,893	10	157,945	10	145,920	10	133,895	10	121,870	10	109,846
1/4		1/4		1/4		1/4		1/4	169,644	1/4	157,694	1/4	145,669	1/4	133,645	1/4	121,620	1/4	109,595
1/2		1/2		1/2		1/2		1/2	169,396	1/2	157,444	1/2	145,419	1/2	133,394	1/2	121,369	1/2	109,345
3/4		3/4		3/4		3/4		3/4	169,148	3/4	157,193	3/4	145,168	3/4	133,144	3/4	121,119	3/4	109,094
11		11		11		11		11	168,900	11	156,943	11	144,918	11	132,893	11	120,868	11	108,844
1/4		1/4		1/4		1/4		1/4	168,652	1/4	156,692	1/4	144,667	1/4	132,643	1/4	120,618	1/4	108,593
1/2		1/2		1/2		1/2		1/2	168,403	1/2	156,441	1/2	144,417	1/2	132,392	1/2	120,367	1/2	108,342
3/4		3/4		3/4		3/4		3/4	168,155	3/4	156,191	3/4	144,166	3/4	132,141	3/4	120,117	3/4	108,092

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 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 111"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 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	107,841	0	95,817	0	83,788	0	71,757	0	59,727	0	47,696	0	35,666	0	23,635	0	11,921	0	346
1/4	107,591	1/4	95,566	1/4	83,537	1/4	71,507	1/4	59,476	1/4	47,445	1/4	35,415	1/4	23,384	1/4	11,678	1/4	209
1/2	107,340	1/2	95,316	1/2	83,286	1/2	71,256	1/2	59,225	1/2	47,195	1/2	35,164	1/2	23,134	1/2	11,428	1/2	164
3/4	107,090	3/4	95,065	3/4	83,036	3/4	71,005	3/4	58,975	3/4	46,944	3/4	34,914	3/4	22,883	3/4	11,177	3/4	118
1	106,839	1	94,815	1	82,785	1	70,755	1	58,724	1	46,694	1	34,663	1	22,632	1	10,927	1	73
1/4	106,589	1/4	94,564	1/4	82,535	1/4	70,504	1/4	58,473	1/4	46,443	1/4	34,412	1/4	22,382	1/4	10,676	1/4	27
1/2	106,338	1/2	94,314	1/2	82,284	1/2	70,253	1/2	58,223	1/2	46,192	1/2	34,162	1/2	22,131	1/2	10,426	1/2	
3/4	106,088	3/4	94,063	3/4	82,033	3/4	70,003	3/4	57,972	3/4	45,942	3/4	33,911	3/4	21,881	3/4	10,175	3/4	
2	105,837	2	93,813	2	81,783	2	69,752	2	57,722	2	45,691	2	33,660	2	21,630	2	9,925	2	
1/4	105,587	1/4	93,562	1/4	81,532	1/4	69,501	1/4	57,471	1/4	45,440	1/4	33,410	1/4	21,379	1/4	9,674	1/4	
1/2	105,336	1/2	93,312	1/2	81,281	1/2	69,251	1/2	57,220	1/2	45,190	1/2	33,159	1/2	21,137	1/2	9,424	1/2	
3/4	105,086	3/4	93,061	3/4	81,031	3/4	69,000	3/4	56,970	3/4	44,939	3/4	32,909	3/4	20,894	3/4	9,173	3/4	
3	104,835	3	92,811	3	80,780	3	68,750	3	56,719	3	44,688	3	32,658	3	20,652	3	8,923	3	
1/4	104,585	1/4	92,560	1/4	80,529	1/4	68,499	1/4	56,468	1/4	44,438	1/4	32,407	1/4	20,410	1/4	8,673	1/4	
1/2	104,334	1/2	92,309	1/2	80,279	1/2	68,248	1/2	56,218	1/2	44,187	1/2	32,157	1/2	20,167	1/2	8,422	1/2	
3/4	104,084	3/4	92,059	3/4	80,028	3/4	67,998	3/4	55,967	3/4	43,937	3/4	31,906	3/4	19,925	3/4	8,172	3/4	
4	103,833	4	91,808	4	79,778	4	67,747	4	55,716	4	43,686	4	31,655	4	19,682	4	7,921	4	
1/4	103,583	1/4	91,557	1/4	79,527	1/4	67,496	1/4	55,466	1/4	43,435	1/4	31,405	1/4	19,440	1/4	7,671	1/4	
1/2	103,332	1/2	91,307	1/2	79,276	1/2	67,246	1/2	55,215	1/2	43,185	1/2	31,154	1/2	19,197	1/2	7,420	1/2	
3/4	103,082	3/4	91,056	3/4	79,026	3/4	66,995	3/4	54,965	3/4	42,934	3/4	30,903	3/4	18,955	3/4	7,170	3/4	
5	102,831	5	90,806	5	78,775	5	66,744	5	54,714	5	42,683	5	30,653	5	18,712	5	6,919	5	
1/4	102,581	1/4	90,555	1/4	78,524	1/4	66,494	1/4	54,463	1/4	42,433	1/4	30,402	1/4	18,470	1/4	6,669	1/4	
1/2	102,330	1/2	90,304	1/2	78,274	1/2	66,243	1/2	54,213	1/2	42,182	1/2	30,152	1/2	18,228	1/2	6,418	1/2	
3/4	102,080	3/4	90,054	3/4	78,023	3/4	65,993	3/4	53,962	3/4	41,931	3/4	29,901	3/4	17,985	3/4	6,167	3/4	
6	101,829	6	89,803	6	77,772	6	65,742	6	53,711	6	41,681	6	29,650	6	17,743	6	5,917	6	
1/4	101,579	1/4	89,552	1/4	77,522	1/4	65,491	1/4	53,461	1/4	41,430	1/4	29,400	1/4	17,500	1/4	5,666	1/4	
1/2	101,328	1/2	89,302	1/2	77,271	1/2	65,241	1/2	53,210	1/2	41,180	1/2	29,149	1/2	17,258	1/2	5,416	1/2	
3/4	101,078	3/4	89,051	3/4	77,021	3/4	64,990	3/4	52,959	3/4	40,929	3/4	28,898	3/4	17,015	3/4	5,165	3/4	
7	100,827	7	88,800	7	76,770	7	64,739	7	52,709	7	40,678	7	28,648	7	16,773	7	4,914	7	
1/4	100,576	1/4	88,550	1/4	76,519	1/4	64,489	1/4	52,458	1/4	40,428	1/4	28,397	1/4	16,531	1/4	4,664	1/4	
1/2	100,326	1/2	88,299	1/2	76,269	1/2	64,238	1/2	52,208	1/2	40,177	1/2	28,146	1/2	16,288	1/2	4,413	1/2	
3/4	100,075	3/4	88,049	3/4	76,018	3/4	63,987	3/4	51,957	3/4	39,926	3/4	27,896	3/4	16,046	3/4	4,162	3/4	
8	99,825	8	87,798	8	75,767	8	63,737	8	51,706	8	39,676	8	27,645	8	15,803	8	3,912	8	
1/4	99,574	1/4	87,547	1/4	75,517	1/4	63,486	1/4	51,456	1/4	39,425	1/4	27,395	1/4	15,561	1/4	3,661	1/4	
1/2	99,324	1/2	87,297	1/2	75,266	1/2	63,236	1/2	51,205	1/2	39,174	1/2	27,144	1/2	15,318	1/2	3,411	1/2	
3/4	99,073	3/4	87,046	3/4	75,015	3/4	62,985	3/4	50,954	3/4	38,924	3/4	26,893	3/4	15,076	3/4	3,160	3/4	
9	98,823	9	86,795	9	74,765	9	62,734	9	50,704	9	38,673	9	26,643	9	14,834	9	2,909	9	
1/4	98,572	1/4	86,545	1/4	74,514	1/4	62,484	1/4	50,453	1/4	38,423	1/4	26,392	1/4	14,591	1/4	2,659	1/4	
1/2	98,322	1/2	86,294	1/2	74,264	1/2	62,233	1/2	50,202	1/2	38,172	1/2	26,141	1/2	14,349	1/2	2,408	1/2	
3/4	98,071	3/4	86,043	3/4	74,013	3/4	61,982	3/4	49,952	3/4	37,921	3/4	25,891	3/4	14,107	3/4	2,157	3/4	
10	97,821	10	85,793	10	73,762	10	61,732	10	49,701	10	37,671	10	25,640	10	13,864	10	1,907	10	
1/4	97,570	1/4	85,542	1/4	73,512	1/4	61,481	1/4	49,451	1/4	37,420	1/4	25,389	1/4	13,622	1/4	1,656	1/4	
1/2	97,320	1/2	85,292	1/2	73,261	1/2	61,230	1/2	49,200	1/2	37,169	1/2	25,139	1/2	13,379	1/2	1,431	1/2	
3/4	97,069	3/4	85,041	3/4	73,010	3/4	60,980	3/4	48,949	3/4	36,919	3/4	24,888	3/4	13,136	3/4	1,206	3/4	
11	96,819	11	84,790	11	72,760	11	60,729	11	48,699	11	36,668	11	24,638	11	12,893	11	981	11	
1/4	96,568	1/4	84,540	1/4	72,509	1/4	60,479	1/4	48,448	1/4	36,417	1/4	24,387	1/4	12,650	1/4	756	1/4	
1/2	96,318	1/2	84,289	1/2	72,258	1/2	60,228	1/2	48,197	1/2	36,167	1/2	24,136	1/2	12,407	1/2	619	1/2	
3/4	96,067	3/4	84,038	3/4	72,008	3/4	59,977	3/4	47,947	3/4	35,916	3/4	23,886	3/4	12,164	3/4	483	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/27/2015 SW  
CALCULATED: 10/27/2015 CL  
REPRINTED: 10/28/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

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



# BARGE "DBL 111"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0		0	148,552	0	137,984	0	127,364	0	116,745	0	106,125
1/4		1/4		1/4		1/4		1/4		1/4	148,333	1/4	137,762	1/4	127,143	1/4	116,524	1/4	105,904
1/2		1/2		1/2		1/2		1/2		1/2	148,114	1/2	137,541	1/2	126,922	1/2	116,302	1/2	105,683
3/4		3/4		3/4		3/4		3/4		3/4	147,894	3/4	137,320	3/4	126,700	3/4	116,081	3/4	105,462
1		1		1		1		1		1	147,675	1	137,099	1	126,479	1	115,860	1	105,241
1/4		1/4		1/4		1/4		1/4		1/4	147,456	1/4	136,877	1/4	126,258	1/4	115,639	1/4	105,019
1/2		1/2		1/2		1/2		1/2	156,709	1/2	147,237	1/2	136,656	1/2	126,037	1/2	115,417	1/2	104,798
3/4		3/4		3/4		3/4		3/4	156,609	3/4	147,018	3/4	136,435	3/4	125,816	3/4	115,196	3/4	104,577
2		2		2		2		2	156,509	2	146,798	2	136,214	2	125,594	2	114,975	2	104,356
1/4		1/4		1/4		1/4		1/4	156,409	1/4	146,579	1/4	135,992	1/4	125,373	1/4	114,754	1/4	104,134
1/2		1/2		1/2		1/2		1/2	156,308	1/2	146,360	1/2	135,771	1/2	125,152	1/2	114,532	1/2	103,913
3/4		3/4		3/4		3/4		3/4	156,208	3/4	146,141	3/4	135,550	3/4	124,931	3/4	114,311	3/4	103,692
3		3		3		3		3	156,107	3	145,922	3	135,329	3	124,709	3	114,090	3	103,471
1/4		1/4		1/4		1/4		1/4	156,007	1/4	145,702	1/4	135,107	1/4	124,488	1/4	113,869	1/4	103,249
1/2		1/2		1/2		1/2		1/2	155,830	1/2	145,483	1/2	134,886	1/2	124,267	1/2	113,648	1/2	103,028
3/4		3/4		3/4		3/4		3/4	155,654	3/4	145,264	3/4	134,665	3/4	124,046	3/4	113,426	3/4	102,807
4		4		4		4		4	155,478	4	145,045	4	134,444	4	123,824	4	113,205	4	102,586
1/4		1/4		1/4		1/4		1/4	155,302	1/4	144,826	1/4	134,222	1/4	123,603	1/4	112,984	1/4	102,364
1/2		1/2		1/2		1/2		1/2	155,086	1/2	144,606	1/2	134,001	1/2	123,382	1/2	112,763	1/2	102,143
3/4		3/4		3/4		3/4		3/4	154,869	3/4	144,387	3/4	133,780	3/4	123,161	3/4	112,541	3/4	101,922
5		5		5		5		5	154,653	5	144,168	5	133,559	5	122,939	5	112,320	5	101,701
1/4		1/4		1/4		1/4		1/4	154,436	1/4	143,949	1/4	133,338	1/4	122,718	1/4	112,099	1/4	101,480
1/2		1/2		1/2		1/2		1/2	154,220	1/2	143,730	1/2	133,116	1/2	122,497	1/2	111,878	1/2	101,258
3/4		3/4		3/4		3/4		3/4	154,004	3/4	143,510	3/4	132,895	3/4	122,276	3/4	111,656	3/4	101,037
6		6		6		6		6	153,787	6	143,291	6	132,674	6	122,054	6	111,435	6	100,816
1/4		1/4		1/4		1/4		1/4	153,571	1/4	143,072	1/4	132,453	1/4	121,833	1/4	111,214	1/4	100,595
1/2		1/2		1/2		1/2		1/2	153,355	1/2	142,851	1/2	132,231	1/2	121,612	1/2	110,993	1/2	100,373
3/4		3/4		3/4		3/4		3/4	153,138	3/4	142,629	3/4	132,010	3/4	121,391	3/4	110,771	3/4	100,152
7		7		7		7		7	152,922	7	142,408	7	131,789	7	121,170	7	110,550	7	99,931
1/4		1/4		1/4		1/4		1/4	152,705	1/4	142,187	1/4	131,568	1/4	120,948	1/4	110,329	1/4	99,710
1/2		1/2		1/2		1/2		1/2	152,489	1/2	141,966	1/2	131,346	1/2	120,727	1/2	110,108	1/2	99,488
3/4		3/4		3/4		3/4		3/4	152,273	3/4	141,745	3/4	131,125	3/4	120,506	3/4	109,886	3/4	99,267
8		8		8		8		8	152,056	8	141,523	8	130,904	8	120,285	8	109,665	8	99,046
1/4		1/4		1/4		1/4		1/4	151,840	1/4	141,302	1/4	130,683	1/4	120,063	1/4	109,444	1/4	98,825
1/2		1/2		1/2		1/2		1/2	151,621	1/2	141,081	1/2	130,461	1/2	119,842	1/2	109,223	1/2	98,603
3/4		3/4		3/4		3/4		3/4	151,401	3/4	140,860	3/4	130,240	3/4	119,621	3/4	109,002	3/4	98,382
9		9		9		9		9	151,182	9	140,638	9	130,019	9	119,400	9	108,780	9	98,161
1/4		1/4		1/4		1/4		1/4	150,963	1/4	140,417	1/4	129,798	1/4	119,178	1/4	108,559	1/4	97,940
1/2		1/2		1/2		1/2		1/2	150,744	1/2	140,196	1/2	129,577	1/2	118,957	1/2	108,338	1/2	97,718
3/4		3/4		3/4		3/4		3/4	150,525	3/4	139,975	3/4	129,355	3/4	118,736	3/4	108,117	3/4	97,497
10		10		10		10		10	150,305	10	139,753	10	129,134	10	118,515	10	107,895	10	97,276
1/4		1/4		1/4		1/4		1/4	150,086	1/4	139,532	1/4	128,913	1/4	118,293	1/4	107,674	1/4	97,055
1/2		1/2		1/2		1/2		1/2	149,867	1/2	139,311	1/2	128,692	1/2	118,072	1/2	107,453	1/2	96,834
3/4		3/4		3/4		3/4		3/4	149,648	3/4	139,090	3/4	128,470	3/4	117,851	3/4	107,232	3/4	96,612
11		11		11		11		11	149,429	11	138,868	11	128,249	11	117,630	11	107,010	11	96,391
1/4		1/4		1/4		1/4		1/4	149,210	1/4	138,647	1/4	128,028	1/4	117,409	1/4	106,789	1/4	96,170
1/2		1/2		1/2		1/2		1/2	148,990	1/2	138,426	1/2	127,807	1/2	117,187	1/2	106,568	1/2	95,949
3/4		3/4		3/4		3/4		3/4	148,771	3/4	138,205	3/4	127,585	3/4	116,966	3/4	106,347	3/4	95,727

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 TO TOP OF THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 25'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "DBL 111"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-1 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	95,506	0	84,887	0	74,264	0	63,639	0	53,015	0	42,390	0	31,766	0	21,142	0	10,540	0	308
1/4	95,285	1/4	84,666	1/4	74,042	1/4	63,418	1/4	52,794	1/4	42,169	1/4	31,545	1/4	20,920	1/4	10,319	1/4	188
1/2	95,064	1/2	84,444	1/2	73,821	1/2	63,197	1/2	52,572	1/2	41,948	1/2	31,323	1/2	20,699	1/2	10,097	1/2	147
3/4	94,842	3/4	84,223	3/4	73,600	3/4	62,975	3/4	52,351	3/4	41,726	3/4	31,102	3/4	20,478	3/4	9,876	3/4	107
1	94,621	1	84,002	1	73,378	1	62,754	1	52,129	1	41,505	1	30,881	1	20,256	1	9,655	1	67
1/4	94,400	1/4	83,781	1/4	73,157	1/4	62,533	1/4	51,908	1/4	41,284	1/4	30,659	1/4	20,035	1/4	9,433	1/4	27
1/2	94,179	1/2	83,559	1/2	72,936	1/2	62,311	1/2	51,687	1/2	41,062	1/2	30,438	1/2	19,814	1/2	9,212	1/2	
3/4	93,957	3/4	83,338	3/4	72,714	3/4	62,090	3/4	51,465	3/4	40,841	3/4	30,217	3/4	19,593	3/4	8,991	3/4	
2	93,736	2	83,117	2	72,493	2	61,869	2	51,244	2	40,620	2	29,995	2	19,372	2	8,769	2	
1/4	93,515	1/4	82,896	1/4	72,272	1/4	61,647	1/4	51,023	1/4	40,398	1/4	29,774	1/4	19,151	1/4	8,548	1/4	
1/2	93,294	1/2	82,674	1/2	72,050	1/2	61,426	1/2	50,801	1/2	40,177	1/2	29,553	1/2	18,930	1/2	8,327	1/2	
3/4	93,073	3/4	82,453	3/4	71,829	3/4	61,205	3/4	50,580	3/4	39,956	3/4	29,331	3/4	18,710	3/4	8,105	3/4	
3	92,851	3	82,232	3	71,608	3	60,983	3	50,359	3	39,734	3	29,110	3	18,489	3	7,884	3	
1/4	92,630	1/4	82,011	1/4	71,386	1/4	60,762	1/4	50,137	1/4	39,513	1/4	28,889	1/4	18,268	1/4	7,663	1/4	
1/2	92,409	1/2	81,789	1/2	71,165	1/2	60,541	1/2	49,916	1/2	39,292	1/2	28,667	1/2	18,047	1/2	7,441	1/2	
3/4	92,188	3/4	81,568	3/4	70,944	3/4	60,319	3/4	49,695	3/4	39,070	3/4	28,446	3/4	17,827	3/4	7,220	3/4	
4	91,966	4	81,347	4	70,722	4	60,098	4	49,473	4	38,849	4	28,225	4	17,606	4	6,999	4	
1/4	91,745	1/4	81,125	1/4	70,501	1/4	59,876	1/4	49,252	1/4	38,628	1/4	28,003	1/4	17,385	1/4	6,777	1/4	
1/2	91,524	1/2	80,904	1/2	70,280	1/2	59,655	1/2	49,031	1/2	38,406	1/2	27,782	1/2	17,164	1/2	6,556	1/2	
3/4	91,303	3/4	80,683	3/4	70,058	3/4	59,434	3/4	48,809	3/4	38,185	3/4	27,560	3/4	16,944	3/4	6,335	3/4	
5	91,081	5	80,461	5	69,837	5	59,212	5	48,588	5	37,964	5	27,339	5	16,723	5	6,113	5	
1/4	90,860	1/4	80,240	1/4	69,616	1/4	58,991	1/4	48,367	1/4	37,742	1/4	27,118	1/4	16,502	1/4	5,892	1/4	
1/2	90,639	1/2	80,019	1/2	69,394	1/2	58,770	1/2	48,145	1/2	37,521	1/2	26,896	1/2	16,282	1/2	5,671	1/2	
3/4	90,418	3/4	79,797	3/4	69,173	3/4	58,548	3/4	47,924	3/4	37,300	3/4	26,675	3/4	16,061	3/4	5,449	3/4	
6	90,196	6	79,576	6	68,952	6	58,327	6	47,703	6	37,078	6	26,454	6	15,840	6	5,228	6	
1/4	89,975	1/4	79,355	1/4	68,730	1/4	58,106	1/4	47,481	1/4	36,857	1/4	26,232	1/4	15,619	1/4	5,007	1/4	
1/2	89,754	1/2	79,133	1/2	68,509	1/2	57,884	1/2	47,260	1/2	36,636	1/2	26,011	1/2	15,399	1/2	4,785	1/2	
3/4	89,533	3/4	78,912	3/4	68,287	3/4	57,663	3/4	47,039	3/4	36,414	3/4	25,790	3/4	15,178	3/4	4,564	3/4	
7	89,312	7	78,691	7	68,066	7	57,442	7	46,817	7	36,193	7	25,568	7	14,957	7	4,343	7	
1/4	89,090	1/4	78,469	1/4	67,845	1/4	57,220	1/4	46,596	1/4	35,972	1/4	25,347	1/4	14,736	1/4	4,121	1/4	
1/2	88,869	1/2	78,248	1/2	67,623	1/2	56,999	1/2	46,375	1/2	35,750	1/2	25,126	1/2	14,516	1/2	3,900	1/2	
3/4	88,648	3/4	78,027	3/4	67,402	3/4	56,778	3/4	46,153	3/4	35,529	3/4	24,904	3/4	14,295	3/4	3,679	3/4	
8	88,427	8	77,805	8	67,181	8	56,556	8	45,932	8	35,307	8	24,683	8	14,074	8	3,457	8	
1/4	88,205	1/4	77,584	1/4	66,959	1/4	56,335	1/4	45,711	1/4	35,086	1/4	24,462	1/4	13,854	1/4	3,236	1/4	
1/2	87,984	1/2	77,363	1/2	66,738	1/2	56,114	1/2	45,489	1/2	34,865	1/2	24,240	1/2	13,633	1/2	3,015	1/2	
3/4	87,763	3/4	77,141	3/4	66,517	3/4	55,892	3/4	45,268	3/4	34,643	3/4	24,019	3/4	13,412	3/4	2,793	3/4	
9	87,542	9	76,920	9	66,295	9	55,671	9	45,047	9	34,422	9	23,798	9	13,191	9	2,572	9	
1/4	87,320	1/4	76,699	1/4	66,074	1/4	55,450	1/4	44,825	1/4	34,201	1/4	23,576	1/4	12,971	1/4	2,351	1/4	
1/2	87,099	1/2	76,477	1/2	65,853	1/2	55,228	1/2	44,604	1/2	33,979	1/2	23,355	1/2	12,750	1/2	2,129	1/2	
3/4	86,878	3/4	76,256	3/4	65,631	3/4	55,007	3/4	44,383	3/4	33,758	3/4	23,134	3/4	12,529	3/4	1,908	3/4	
10	86,657	10	76,034	10	65,410	10	54,786	10	44,161	10	33,537	10	22,912	10	12,308	10	1,687	10	
1/4	86,435	1/4	75,813	1/4	65,189	1/4	54,564	1/4	43,940	1/4	33,315	1/4	22,691	1/4	12,088	1/4	1,465	1/4	
1/2	86,214	1/2	75,592	1/2	64,967	1/2	54,343	1/2	43,718	1/2	33,094	1/2	22,470	1/2	11,867	1/2	1,267	1/2	
3/4	85,993	3/4	75,370	3/4	64,746	3/4	54,122	3/4	43,497	3/4	32,873	3/4	22,248	3/4	11,646	3/4	1,068	3/4	
11	85,772	11	75,149	11	64,525	11	53,900	11	43,276	11	32,651	11	22,027	11	11,425	11	869	11	
1/4	85,551	1/4	74,928	1/4	64,303	1/4	53,679	1/4	43,054	1/4	32,430	1/4	21,806	1/4	11,204	1/4	670	1/4	
1/2	85,329	1/2	74,706	1/2	64,082	1/2	53,458	1/2	42,833	1/2	32,209	1/2	21,584	1/2	10,983	1/2	550	1/2	
3/4	85,108	3/4	74,485	3/4	63,861	3/4	53,236	3/4	42,612	3/4	31,987	3/4	21,363	3/4	10,761	3/4	429	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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REPRINTED: 10/28/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

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