



BARGE "DBL 121"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/4	- 00-1/4	- 00-1/2	- 00-1/2	- 00-5/8	- 00-5/8	- 00-7/8	- 00-7/8	- 01-1/8	- 01-1/8	- 01-1/4	- 01-1/4
2 CENTER	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-1/8	00-1/8	00-1/8	00-1/8	00-1/8	00-1/8
3 CENTER	00-1/4	00-1/4	00-1/2	00-1/2	00-3/4	00-3/4	01-1/8	01-1/8	01-1/4	01-1/4	01-1/2	01-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 162'-06"

February 12, 2015

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

<http://www.pmacorp.net>



BARGE "DBL 121"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-6 1/2"

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	144,042	0	135,154	0	126,042	0	116,931	0	107,827	0	97,529
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,934	1/4	134,964	1/4	125,853	1/4	116,741	1/4	107,638	1/4	97,313
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,826	1/2	134,774	1/2	125,663	1/2	116,552	1/2	107,449	1/2	97,096
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,651	3/4	134,584	3/4	125,473	3/4	116,362	3/4	107,239	3/4	96,880
1		1		1		1		1	143,476	1	134,394	1	125,283	1	116,172	1	107,030	1	96,664
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,301	1/4	134,205	1/4	125,093	1/4	115,982	1/4	106,820	1/4	96,448
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,126	1/2	134,015	1/2	124,904	1/2	115,792	1/2	106,611	1/2	96,232
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,936	3/4	133,825	3/4	124,714	3/4	115,602	3/4	106,394	3/4	96,016
2		2		2		2		2	142,746	2	133,635	2	124,524	2	115,413	2	106,178	2	95,800
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,557	1/4	133,445	1/4	124,334	1/4	115,223	1/4	105,962	1/4	95,584
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,367	1/2	133,256	1/2	124,144	1/2	115,033	1/2	105,746	1/2	95,368
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,177	3/4	133,066	3/4	123,954	3/4	114,843	3/4	105,529	3/4	95,152
3		3		3		3		3	141,987	3	132,876	3	123,765	3	114,653	3	105,313	3	94,936
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,797	1/4	132,686	1/4	123,575	1/4	114,464	1/4	105,097	1/4	94,720
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,607	1/2	132,496	1/2	123,385	1/2	114,274	1/2	104,881	1/2	94,504
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,418	3/4	132,306	3/4	123,195	3/4	114,084	3/4	104,665	3/4	94,288
4		4		4		4		4	141,228	4	132,117	4	123,005	4	113,894	4	104,448	4	94,072
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,038	1/4	131,927	1/4	122,816	1/4	113,704	1/4	104,232	1/4	93,856
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,848	1/2	131,737	1/2	122,626	1/2	113,514	1/2	104,016	1/2	93,640
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,658	3/4	131,547	3/4	122,436	3/4	113,325	3/4	103,800	3/4	93,424
5		5		5		5		5	140,469	5	131,357	5	122,246	5	113,135	5	103,583	5	93,208
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,279	1/4	131,168	1/4	122,056	1/4	112,945	1/4	103,367	1/4	92,991
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,089	1/2	130,978	1/2	121,866	1/2	112,755	1/2	103,151	1/2	92,775
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	139,899	3/4	130,788	3/4	121,677	3/4	112,565	3/4	102,935	3/4	92,559
6		6		6		6		6	139,709	6	130,598	6	121,487	6	112,376	6	102,718	6	92,343
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	139,519	1/4	130,408	1/4	121,297	1/4	112,186	1/4	102,502	1/4	92,127
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	139,330	1/2	130,218	1/2	121,107	1/2	111,996	1/2	102,286	1/2	91,911
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	139,140	3/4	130,029	3/4	120,917	3/4	111,806	3/4	102,070	3/4	91,695
7		7		7		7		7	138,950	7	129,839	7	120,728	7	111,616	7	101,854	7	91,479
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	138,760	1/4	129,649	1/4	120,538	1/4	111,427	1/4	101,637	1/4	91,263
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	138,570	1/2	129,459	1/2	120,348	1/2	111,237	1/2	101,421	1/2	91,047
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	138,381	3/4	129,269	3/4	120,158	3/4	111,047	3/4	101,205	3/4	90,830
8		8		8		8		8	138,191	8	129,080	8	119,968	8	110,857	8	100,989	8	90,614
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	138,001	1/4	128,890	1/4	119,778	1/4	110,667	1/4	100,772	1/4	90,398
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	137,811	1/2	128,700	1/2	119,589	1/2	110,477	1/2	100,556	1/2	90,182
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	137,621	3/4	128,510	3/4	119,399	3/4	110,288	3/4	100,340	3/4	89,965
9		9		9		9		9	137,431	9	128,320	9	119,209	9	110,099	9	100,124	9	89,749
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	137,242	1/4	128,130	1/4	119,019	1/4	109,909	1/4	99,907	1/4	89,533
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	137,052	1/2	127,941	1/2	118,829	1/2	109,720	1/2	99,691	1/2	89,317
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	136,862	3/4	127,751	3/4	118,640	3/4	109,531	3/4	99,475	3/4	89,100
10		10		10		10		10	136,672	10	127,561	10	118,450	10	109,341	10	99,259	10	88,884
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	136,482	1/4	127,371	1/4	118,260	1/4	109,152	1/4	99,042	1/4	88,668
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	136,293	1/2	127,181	1/2	118,070	1/2	108,963	1/2	98,826	1/2	88,452
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	136,103	3/4	126,992	3/4	117,880	3/4	108,773	3/4	98,610	3/4	88,236
11		11		11		11	144,346	11	135,913	11	126,802	11	117,690	11	108,584	11	98,394	11	88,019
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,303	1/4	135,723	1/4	126,612	1/4	117,501	1/4	108,395	1/4	98,178	1/4	87,803
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,259	1/2	135,533	1/2	126,422	1/2	117,311	1/2	108,206	1/2	97,961	1/2	87,587
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,151	3/4	135,343	3/4	126,232	3/4	117,121	3/4	108,016	3/4	97,745	3/4	87,371

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 23'-09" FORWARD OF AFT BULKHEAD.

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BARGE "DBL 121"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-6 1/2"

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	87,154	0	76,775	0	66,401	0	56,034	0	45,660	0	35,285	0	24,919	0	14,780	0	4,375	0	
1/4	86,938	1/4	76,559	1/4	66,185	1/4	55,818	1/4	45,444	1/4	35,069	1/4	24,707	1/4	14,563	1/4	4,158	1/4	
1/2	86,722	1/2	76,343	1/2	65,969	1/2	55,602	1/2	45,227	1/2	34,853	1/2	24,495	1/2	14,347	1/2	3,941	1/2	
3/4	86,506	3/4	76,126	3/4	65,753	3/4	55,386	3/4	45,011	3/4	34,637	3/4	24,284	3/4	14,130	3/4	3,724	3/4	
1	86,289	1	75,910	1	65,537	1	55,170	1	44,795	1	34,420	1	24,074	1	13,913	1	3,508	1	
1/4	86,073	1/4	75,694	1/4	65,321	1/4	54,954	1/4	44,579	1/4	34,204	1/4	23,863	1/4	13,696	1/4	3,291	1/4	
1/2	85,857	1/2	75,478	1/2	65,105	1/2	54,737	1/2	44,363	1/2	33,988	1/2	23,652	1/2	13,479	1/2	3,074	1/2	
3/4	85,641	3/4	75,261	3/4	64,889	3/4	54,521	3/4	44,147	3/4	33,772	3/4	23,442	3/4	13,263	3/4	2,857	3/4	
2	85,424	2	75,045	2	64,673	2	54,305	2	43,931	2	33,556	2	23,233	2	13,046	2	2,641	2	
1/4	85,208	1/4	74,829	1/4	64,458	1/4	54,089	1/4	43,714	1/4	33,340	1/4	23,023	1/4	12,829	1/4	2,424	1/4	
1/2	84,992	1/2	74,613	1/2	64,242	1/2	53,873	1/2	43,498	1/2	33,124	1/2	22,813	1/2	12,612	1/2	2,207	1/2	
3/4	84,776	3/4	74,397	3/4	64,026	3/4	53,657	3/4	43,282	3/4	32,908	3/4	22,603	3/4	12,396	3/4	1,996	3/4	
3	84,560	3	74,180	3	63,810	3	53,441	3	43,066	3	32,691	3	22,393	3	12,179	3	1,785	3	
1/4	84,343	1/4	73,964	1/4	63,594	1/4	53,225	1/4	42,850	1/4	32,475	1/4	22,184	1/4	11,962	1/4	1,574	1/4	
1/2	84,127	1/2	73,748	1/2	63,378	1/2	53,008	1/2	42,634	1/2	32,259	1/2	21,974	1/2	11,745	1/2	1,363	1/2	
3/4	83,911	3/4	73,532	3/4	63,162	3/4	52,792	3/4	42,418	3/4	32,043	3/4	21,764	3/4	11,528	3/4	1,195	3/4	
4	83,695	4	73,316	4	62,946	4	52,576	4	42,201	4	31,827	4	21,554	4	11,312	4	1,027	4	
1/4	83,478	1/4	73,100	1/4	62,730	1/4	52,360	1/4	41,985	1/4	31,611	1/4	21,345	1/4	11,095	1/4	858	1/4	
1/2	83,262	1/2	72,884	1/2	62,514	1/2	52,144	1/2	41,769	1/2	31,395	1/2	21,135	1/2	10,878	1/2	690	1/2	
3/4	83,046	3/4	72,667	3/4	62,299	3/4	51,928	3/4	41,553	3/4	31,178	3/4	20,925	3/4	10,661	3/4	581	3/4	
5	82,830	5	72,451	5	62,083	5	51,712	5	41,337	5	30,962	5	20,716	5	10,445	5	473	5	
1/4	82,613	1/4	72,235	1/4	61,867	1/4	51,495	1/4	41,121	1/4	30,746	1/4	20,506	1/4	10,228	1/4	364	1/4	
1/2	82,397	1/2	72,019	1/2	61,651	1/2	51,279	1/2	40,905	1/2	30,530	1/2	20,296	1/2	10,011	1/2	256	1/2	
3/4	82,181	3/4	71,803	3/4	61,435	3/4	51,063	3/4	40,688	3/4	30,314	3/4	20,086	3/4	9,794	3/4	209	3/4	
6	81,965	6	71,587	6	61,219	6	50,847	6	40,472	6	30,098	6	19,877	6	9,577	6	163	6	
1/4	81,748	1/4	71,371	1/4	61,003	1/4	50,631	1/4	40,256	1/4	29,882	1/4	19,667	1/4	9,361	1/4	117	1/4	
1/2	81,532	1/2	71,154	1/2	60,787	1/2	50,415	1/2	40,040	1/2	29,665	1/2	19,457	1/2	9,144	1/2	70	1/2	
3/4	81,316	3/4	70,938	3/4	60,571	3/4	50,199	3/4	39,824	3/4	29,449	3/4	19,248	3/4	8,927	3/4		3/4	
7	81,100	7	70,722	7	60,355	7	49,982	7	39,608	7	29,233	7	19,038	7	8,710	7		7	
1/4	80,884	1/4	70,506	1/4	60,140	1/4	49,766	1/4	39,392	1/4	29,017	1/4	18,828	1/4	8,493	1/4		1/4	
1/2	80,667	1/2	70,290	1/2	59,924	1/2	49,550	1/2	39,176	1/2	28,801	1/2	18,619	1/2	8,277	1/2		1/2	
3/4	80,451	3/4	70,074	3/4	59,708	3/4	49,334	3/4	38,959	3/4	28,585	3/4	18,409	3/4	8,060	3/4		3/4	
8	80,235	8	69,858	8	59,492	8	49,118	8	38,743	8	28,369	8	18,199	8	7,843	8		8	
1/4	80,019	1/4	69,642	1/4	59,276	1/4	48,902	1/4	38,527	1/4	28,152	1/4	17,989	1/4	7,626	1/4		1/4	
1/2	79,802	1/2	69,425	1/2	59,060	1/2	48,686	1/2	38,311	1/2	27,936	1/2	17,780	1/2	7,410	1/2		1/2	
3/4	79,586	3/4	69,209	3/4	58,844	3/4	48,469	3/4	38,095	3/4	27,720	3/4	17,570	3/4	7,193	3/4		3/4	
9	79,370	9	68,993	9	58,628	9	48,253	9	37,879	9	27,504	9	17,360	9	6,976	9		9	
1/4	79,154	1/4	68,777	1/4	58,412	1/4	48,037	1/4	37,663	1/4	27,288	1/4	17,151	1/4	6,759	1/4		1/4	
1/2	78,937	1/2	68,561	1/2	58,196	1/2	47,821	1/2	37,446	1/2	27,072	1/2	16,941	1/2	6,542	1/2		1/2	
3/4	78,721	3/4	68,345	3/4	57,980	3/4	47,605	3/4	37,230	3/4	26,856	3/4	16,726	3/4	6,326	3/4		3/4	
10	78,505	10	68,129	10	57,763	10	47,389	10	37,014	10	26,639	10	16,511	10	6,109	10		10	
1/4	78,289	1/4	67,912	1/4	57,547	1/4	47,173	1/4	36,798	1/4	26,423	1/4	16,296	1/4	5,892	1/4		1/4	
1/2	78,073	1/2	67,696	1/2	57,331	1/2	46,957	1/2	36,582	1/2	26,207	1/2	16,081	1/2	5,675	1/2		1/2	
3/4	77,856	3/4	67,480	3/4	57,115	3/4	46,740	3/4	36,366	3/4	25,991	3/4	15,864	3/4	5,459	3/4		3/4	
11	77,640	11	67,264	11	56,899	11	46,524	11	36,150	11	25,775	11	15,647	11	5,242	11		11	
1/4	77,424	1/4	67,048	1/4	56,683	1/4	46,308	1/4	35,933	1/4	25,559	1/4	15,430	1/4	5,025	1/4		1/4	
1/2	77,208	1/2	66,832	1/2	56,467	1/2	46,092	1/2	35,717	1/2	25,343	1/2	15,214	1/2	4,808	1/2		1/2	
3/4	76,991	3/4	66,617	3/4	56,250	3/4	45,876	3/4	35,501	3/4	25,131	3/4	14,997	3/4	4,591	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/10/2015 SW
CALCULATED: 02/12/2015 CL
REPRINTED: 02/15/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

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Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "DBL 121"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-6 3/4"

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	167,315	0	156,138	0	144,501	0	132,863	0	121,226	0	109,589
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	167,193	1/4	155,895	1/4	144,258	1/4	132,621	1/4	120,984	1/4	109,346
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	167,072	1/2	155,653	1/2	144,016	1/2	132,378	1/2	120,741	1/2	109,104
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	166,951	3/4	155,411	3/4	143,773	3/4	132,136	3/4	120,499	3/4	108,861
1		1		1		1		1	166,733	1	155,168	1	143,531	1	131,894	1	120,256	1	108,619
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	166,515	1/4	154,926	1/4	143,288	1/4	131,651	1/4	120,014	1/4	108,376
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	166,296	1/2	154,683	1/2	143,046	1/2	131,409	1/2	119,771	1/2	108,134
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	166,078	3/4	154,441	3/4	142,804	3/4	131,166	3/4	119,529	3/4	107,892
2		2		2		2		2	165,836	2	154,198	2	142,561	2	130,924	2	119,286	2	107,649
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	165,593	1/4	153,956	1/4	142,319	1/4	130,681	1/4	119,044	1/4	107,407
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	165,351	1/2	153,713	1/2	142,076	1/2	130,439	1/2	118,802	1/2	107,164
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	165,108	3/4	153,471	3/4	141,834	3/4	130,196	3/4	118,559	3/4	106,922
3		3		3		3		3	164,866	3	153,229	3	141,591	3	129,954	3	118,317	3	106,679
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	164,623	1/4	152,986	1/4	141,349	1/4	129,712	1/4	118,074	1/4	106,437
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	164,381	1/2	152,744	1/2	141,106	1/2	129,469	1/2	117,832	1/2	106,194
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	164,139	3/4	152,501	3/4	140,864	3/4	129,227	3/4	117,589	3/4	105,952
4		4		4		4		4	163,896	4	152,259	4	140,622	4	128,984	4	117,347	4	105,710
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	163,654	1/4	152,016	1/4	140,379	1/4	128,742	1/4	117,104	1/4	105,467
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	163,411	1/2	151,774	1/2	140,137	1/2	128,499	1/2	116,862	1/2	105,225
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	163,169	3/4	151,531	3/4	139,894	3/4	128,257	3/4	116,620	3/4	104,982
5		5		5		5		5	162,926	5	151,289	5	139,652	5	128,014	5	116,377	5	104,740
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	162,684	1/4	151,047	1/4	139,409	1/4	127,772	1/4	116,135	1/4	104,497
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	162,441	1/2	150,804	1/2	139,167	1/2	127,530	1/2	115,892	1/2	104,255
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	162,199	3/4	150,562	3/4	138,924	3/4	127,287	3/4	115,650	3/4	104,012
6		6		6		6		6	161,957	6	150,319	6	138,682	6	127,045	6	115,407	6	103,770
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	161,714	1/4	150,077	1/4	138,440	1/4	126,802	1/4	115,165	1/4	103,528
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	161,472	1/2	149,834	1/2	138,197	1/2	126,560	1/2	114,922	1/2	103,285
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	161,229	3/4	149,592	3/4	137,955	3/4	126,317	3/4	114,680	3/4	103,043
7		7		7		7		7	160,987	7	149,350	7	137,712	7	126,075	7	114,438	7	102,800
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	160,744	1/4	149,107	1/4	137,470	1/4	125,832	1/4	114,195	1/4	102,558
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	160,502	1/2	148,865	1/2	137,227	1/2	125,590	1/2	113,953	1/2	102,315
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	160,259	3/4	148,622	3/4	136,985	3/4	125,348	3/4	113,710	3/4	102,073
8		8		8		8		8	160,017	8	148,380	8	136,742	8	125,105	8	113,468	8	101,830
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	159,775	1/4	148,137	1/4	136,500	1/4	124,863	1/4	113,225	1/4	101,588
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	159,532	1/2	147,895	1/2	136,258	1/2	124,620	1/2	112,983	1/2	101,346
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	159,290	3/4	147,652	3/4	136,015	3/4	124,378	3/4	112,740	3/4	101,103
9		9		9		9		9	159,047	9	147,410	9	135,773	9	124,135	9	112,498	9	100,861
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	158,805	1/4	147,168	1/4	135,530	1/4	123,893	1/4	112,256	1/4	100,618
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	158,562	1/2	146,925	1/2	135,288	1/2	123,650	1/2	112,013	1/2	100,376
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	158,320	3/4	146,683	3/4	135,045	3/4	123,408	3/4	111,771	3/4	100,133
10		10		10		10		10	158,077	10	146,440	10	134,803	10	123,166	10	111,528	10	99,891
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	157,835	1/4	146,198	1/4	134,560	1/4	122,923	1/4	111,286	1/4	99,648
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	157,593	1/2	145,955	1/2	134,318	1/2	122,681	1/2	111,043	1/2	99,406
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	157,350	3/4	145,713	3/4	134,076	3/4	122,438	3/4	110,801	3/4	99,164
11		11		11		11		11	157,108	11	145,470	11	133,833	11	122,196	11	110,558	11	98,921
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	167,533	1/4	156,865	1/4	145,228	1/4	133,591	1/4	110,316	1/4	98,679
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	167,484	1/2	156,623	1/2	144,986	1/2	133,348	1/2	110,074	1/2	98,436
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	167,436	3/4	156,380	3/4	144,743	3/4	133,106	3/4	109,831	3/4	98,194

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "DBL 121"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-6 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	97,951	0	86,314	0	74,677	0	63,039	0	51,402	0	39,765	0	28,237	0	16,769	0	5,132	0	
1/4	97,709	1/4	86,072	1/4	74,434	1/4	62,797	1/4	51,160	1/4	39,522	1/4	28,001	1/4	16,526	1/4	4,889	1/4	
1/2	97,466	1/2	85,829	1/2	74,192	1/2	62,555	1/2	50,917	1/2	39,280	1/2	27,766	1/2	16,284	1/2	4,647	1/2	
3/4	97,224	3/4	85,587	3/4	73,949	3/4	62,312	3/4	50,675	3/4	39,037	3/4	27,530	3/4	16,041	3/4	4,404	3/4	
1	96,982	1	85,344	1	73,707	1	62,070	1	50,432	1	38,795	1	27,295	1	15,799	1	4,162	1	
1/4	96,739	1/4	85,102	1/4	73,464	1/4	61,827	1/4	50,190	1/4	38,553	1/4	27,060	1/4	15,556	1/4	3,919	1/4	
1/2	96,497	1/2	84,859	1/2	73,222	1/2	61,585	1/2	49,947	1/2	38,310	1/2	26,824	1/2	15,314	1/2	3,677	1/2	
3/4	96,254	3/4	84,617	3/4	72,980	3/4	61,342	3/4	49,705	3/4	38,068	3/4	26,589	3/4	15,071	3/4	3,435	3/4	
2	96,012	2	84,374	2	72,737	2	61,100	2	49,463	2	37,825	2	26,353	2	14,829	2	3,192	2	
1/4	95,769	1/4	84,132	1/4	72,495	1/4	60,857	1/4	49,220	1/4	37,583	1/4	26,118	1/4	14,587	1/4	2,950	1/4	
1/2	95,527	1/2	83,890	1/2	72,252	1/2	60,615	1/2	48,978	1/2	37,340	1/2	25,883	1/2	14,344	1/2	2,707	1/2	
3/4	95,284	3/4	83,647	3/4	72,010	3/4	60,373	3/4	48,735	3/4	37,098	3/4	25,647	3/4	14,102	3/4	2,465	3/4	
3	95,042	3	83,405	3	71,767	3	60,130	3	48,493	3	36,855	3	25,412	3	13,859	3	2,229	3	
1/4	94,800	1/4	83,162	1/4	71,525	1/4	59,888	1/4	48,250	1/4	36,613	1/4	25,176	1/4	13,617	1/4	1,993	1/4	
1/2	94,557	1/2	82,920	1/2	71,283	1/2	59,645	1/2	48,008	1/2	36,371	1/2	24,941	1/2	13,374	1/2	1,757	1/2	
3/4	94,315	3/4	82,677	3/4	71,040	3/4	59,403	3/4	47,765	3/4	36,128	3/4	24,706	3/4	13,132	3/4	1,521	3/4	
4	94,072	4	82,435	4	70,798	4	59,160	4	47,523	4	35,886	4	24,470	4	12,890	4	1,333	4	
1/4	93,830	1/4	82,192	1/4	70,555	1/4	58,918	1/4	47,281	1/4	35,643	1/4	24,235	1/4	12,647	1/4	1,144	1/4	
1/2	93,587	1/2	81,950	1/2	70,313	1/2	58,675	1/2	47,038	1/2	35,401	1/2	23,999	1/2	12,405	1/2	956	1/2	
3/4	93,345	3/4	81,708	3/4	70,070	3/4	58,433	3/4	46,796	3/4	35,158	3/4	23,764	3/4	12,162	3/4	767	3/4	
5	93,102	5	81,465	5	69,828	5	58,191	5	46,553	5	34,916	5	23,529	5	11,920	5	646	5	
1/4	92,860	1/4	81,223	1/4	69,585	1/4	57,948	1/4	46,311	1/4	34,673	1/4	23,293	1/4	11,677	1/4	525	1/4	
1/2	92,618	1/2	80,980	1/2	69,343	1/2	57,706	1/2	46,068	1/2	34,431	1/2	23,058	1/2	11,435	1/2	404	1/2	
3/4	92,375	3/4	80,738	3/4	69,101	3/4	57,463	3/4	45,826	3/4	34,189	3/4	22,822	3/4	11,193	3/4	282	3/4	
6	92,133	6	80,495	6	68,858	6	57,221	6	45,583	6	33,946	6	22,582	6	10,950	6	230	6	
1/4	91,890	1/4	80,253	1/4	68,616	1/4	56,978	1/4	45,341	1/4	33,704	1/4	22,341	1/4	10,708	1/4	178	1/4	
1/2	91,648	1/2	80,010	1/2	68,373	1/2	56,736	1/2	45,099	1/2	33,461	1/2	22,100	1/2	10,465	1/2	127	1/2	
3/4	91,405	3/4	79,768	3/4	68,131	3/4	56,493	3/4	44,856	3/4	33,219	3/4	21,860	3/4	10,223	3/4	74	3/4	
7	91,163	7	79,526	7	67,888	7	56,251	7	44,614	7	32,976	7	21,617	7	9,980	7		7	
1/4	90,920	1/4	79,283	1/4	67,646	1/4	56,009	1/4	44,371	1/4	32,734	1/4	21,375	1/4	9,738	1/4		1/4	
1/2	90,678	1/2	79,041	1/2	67,403	1/2	55,766	1/2	44,129	1/2	32,491	1/2	21,132	1/2	9,495	1/2		1/2	
3/4	90,436	3/4	78,798	3/4	67,161	3/4	55,524	3/4	43,886	3/4	32,249	3/4	20,890	3/4	9,253	3/4		3/4	
8	90,193	8	78,556	8	66,919	8	55,281	8	43,644	8	32,012	8	20,647	8	9,011	8		8	
1/4	89,951	1/4	78,313	1/4	66,676	1/4	55,039	1/4	43,401	1/4	31,774	1/4	20,405	1/4	8,768	1/4		1/4	
1/2	89,708	1/2	78,071	1/2	66,434	1/2	54,796	1/2	43,159	1/2	31,537	1/2	20,163	1/2	8,526	1/2		1/2	
3/4	89,466	3/4	77,828	3/4	66,191	3/4	54,554	3/4	42,917	3/4	31,299	3/4	19,920	3/4	8,283	3/4		3/4	
9	89,223	9	77,586	9	65,949	9	54,311	9	42,674	9	31,063	9	19,678	9	8,041	9		9	
1/4	88,981	1/4	77,344	1/4	65,706	1/4	54,069	1/4	42,432	1/4	30,827	1/4	19,435	1/4	7,798	1/4		1/4	
1/2	88,738	1/2	77,101	1/2	65,464	1/2	53,827	1/2	42,189	1/2	30,592	1/2	19,193	1/2	7,556	1/2		1/2	
3/4	88,496	3/4	76,859	3/4	65,221	3/4	53,584	3/4	41,947	3/4	30,356	3/4	18,950	3/4	7,314	3/4		3/4	
10	88,254	10	76,616	10	64,979	10	53,342	10	41,704	10	30,120	10	18,708	10	7,071	10		10	
1/4	88,011	1/4	76,374	1/4	64,737	1/4	53,099	1/4	41,462	1/4	29,885	1/4	18,466	1/4	6,829	1/4		1/4	
1/2	87,769	1/2	76,131	1/2	64,494	1/2	52,857	1/2	41,219	1/2	29,649	1/2	18,223	1/2	6,586	1/2		1/2	
3/4	87,526	3/4	75,889	3/4	64,252	3/4	52,614	3/4	40,977	3/4	29,414	3/4	17,981	3/4	6,344	3/4		3/4	
11	87,284	11	75,646	11	64,009	11	52,372	11	40,735	11	29,178	11	17,738	11	6,101	11		11	
1/4	87,041	1/4	75,404	1/4	63,767	1/4	52,129	1/4	40,492	1/4	28,943	1/4	17,496	1/4	5,859	1/4		1/4	
1/2	86,799	1/2	75,162	1/2	63,524	1/2	51,887	1/2	40,250	1/2	28,707	1/2	17,253	1/2	5,617	1/2		1/2	
3/4	86,556	3/4	74,919	3/4	63,282	3/4	51,645	3/4	40,007	3/4	28,472	3/4	17,011	3/4	5,374	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/10/2015 SW
CALCULATED: 02/12/2015 CL
REPRINTED: 02/15/2015 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 121"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-6 1/2"

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	148,206	0	138,206	0	127,906	0	117,605	0	107,305	0	97,004
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,099	1/4	137,992	1/4	127,691	1/4	117,391	1/4	107,090	1/4	96,790
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,992	1/2	137,777	1/2	127,477	1/2	117,176	1/2	106,876	1/2	96,575
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,799	3/4	137,563	3/4	127,262	3/4	116,962	3/4	106,661	3/4	96,361
1		1		1		1		1	147,606	1	137,348	1	127,047	1	116,747	1	106,446	1	96,146
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,412	1/4	137,133	1/4	126,833	1/4	116,532	1/4	106,232	1/4	95,931
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,219	1/2	136,919	1/2	126,618	1/2	116,318	1/2	106,017	1/2	95,717
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,005	3/4	136,704	3/4	126,404	3/4	116,103	3/4	105,803	3/4	95,502
2		2		2		2		2	146,790	2	136,490	2	126,189	2	115,889	2	105,588	2	95,288
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,575	1/4	136,275	1/4	125,974	1/4	115,674	1/4	105,373	1/4	95,073
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,361	1/2	136,060	1/2	125,760	1/2	115,459	1/2	105,159	1/2	94,858
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,146	3/4	135,846	3/4	125,545	3/4	115,245	3/4	104,944	3/4	94,644
3		3		3		3		3	145,932	3	135,631	3	125,331	3	115,030	3	104,730	3	94,429
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,717	1/4	135,417	1/4	125,116	1/4	114,816	1/4	104,515	1/4	94,215
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,503	1/2	135,202	1/2	124,902	1/2	114,601	1/2	104,301	1/2	94,000
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,288	3/4	134,987	3/4	124,687	3/4	114,386	3/4	104,086	3/4	93,785
4		4		4		4		4	145,073	4	134,773	4	124,472	4	114,172	4	103,871	4	93,571
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,859	1/4	134,558	1/4	124,258	1/4	113,957	1/4	103,657	1/4	93,356
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,644	1/2	134,344	1/2	124,043	1/2	113,743	1/2	103,442	1/2	93,142
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,430	3/4	134,129	3/4	123,829	3/4	113,528	3/4	103,228	3/4	92,927
5		5		5		5		5	144,215	5	133,914	5	123,614	5	113,313	5	103,013	5	92,712
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,000	1/4	133,700	1/4	123,399	1/4	113,099	1/4	102,798	1/4	92,498
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,786	1/2	133,485	1/2	123,185	1/2	112,884	1/2	102,584	1/2	92,283
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,571	3/4	133,271	3/4	122,970	3/4	112,670	3/4	102,369	3/4	92,069
6		6		6		6		6	143,357	6	133,056	6	122,756	6	112,455	6	102,155	6	91,854
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,142	1/4	132,841	1/4	122,541	1/4	112,240	1/4	101,940	1/4	91,639
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,927	1/2	132,627	1/2	122,326	1/2	112,026	1/2	101,725	1/2	91,425
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,713	3/4	132,412	3/4	122,112	3/4	111,811	3/4	101,511	3/4	91,210
7		7		7		7		7	142,498	7	132,198	7	121,897	7	111,597	7	101,296	7	90,996
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,284	1/4	131,983	1/4	121,683	1/4	111,382	1/4	101,082	1/4	90,781
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,069	1/2	131,769	1/2	121,468	1/2	111,168	1/2	100,867	1/2	90,567
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,854	3/4	131,554	3/4	121,253	3/4	110,953	3/4	100,652	3/4	90,352
8		8		8		8		8	141,640	8	131,339	8	121,039	8	110,738	8	100,438	8	90,137
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,425	1/4	131,125	1/4	120,824	1/4	110,524	1/4	100,223	1/4	89,923
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,211	1/2	130,910	1/2	120,610	1/2	110,309	1/2	100,009	1/2	89,708
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,996	3/4	130,696	3/4	120,395	3/4	110,095	3/4	99,794	3/4	89,494
9		9		9		9		9	140,781	9	130,481	9	120,180	9	109,880	9	99,579	9	89,279
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,567	1/4	130,266	1/4	119,966	1/4	109,665	1/4	99,365	1/4	89,064
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,352	1/2	130,052	1/2	119,751	1/2	109,451	1/2	99,150	1/2	88,850
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,138	3/4	129,837	3/4	119,537	3/4	109,236	3/4	98,936	3/4	88,635
10		10		10		10		10	139,923	10	129,623	10	119,322	10	109,022	10	98,721	10	88,421
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	139,708	1/4	129,408	1/4	119,107	1/4	108,807	1/4	98,506	1/4	88,206
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	139,494	1/2	129,193	1/2	118,893	1/2	108,592	1/2	98,292	1/2	87,991
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	139,279	3/4	128,979	3/4	118,678	3/4	108,378	3/4	98,077	3/4	87,777
11		11		11		11	148,507	11	139,065	11	128,764	11	118,464	11	108,163	11	97,863	11	87,562
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,464	1/4	138,850	1/4	128,550	1/4	118,249	1/4	107,949	1/4	97,648	1/4	87,348
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,421	1/2	138,636	1/2	128,335	1/2	118,035	1/2	107,734	1/2	97,434	1/2	87,133
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,314	3/4	138,421	3/4	128,120	3/4	117,820	3/4	107,519	3/4	97,219	3/4	86,918

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 INNGAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "DBL 121"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-6 1/2"

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	86,704	0	76,403	0	66,103	0	55,802	0	45,502	0	35,204	0	24,932	0	14,632	0	4,332	0	
1/4	86,489	1/4	76,189	1/4	65,888	1/4	55,588	1/4	45,287	1/4	34,990	1/4	24,718	1/4	14,418	1/4	4,117	1/4	
1/2	86,275	1/2	75,974	1/2	65,674	1/2	55,373	1/2	45,073	1/2	34,776	1/2	24,503	1/2	14,203	1/2	3,903	1/2	
3/4	86,060	3/4	75,760	3/4	65,459	3/4	55,159	3/4	44,858	3/4	34,562	3/4	24,288	3/4	13,988	3/4	3,688	3/4	
1	85,845	1	75,545	1	65,244	1	54,944	1	44,643	1	34,349	1	24,074	1	13,774	1	3,474	1	
1/4	85,631	1/4	75,330	1/4	65,030	1/4	54,729	1/4	44,429	1/4	34,135	1/4	23,859	1/4	13,559	1/4	3,259	1/4	
1/2	85,416	1/2	75,116	1/2	64,815	1/2	54,515	1/2	44,214	1/2	33,921	1/2	23,645	1/2	13,345	1/2	3,045	1/2	
3/4	85,202	3/4	74,901	3/4	64,601	3/4	54,300	3/4	44,000	3/4	33,707	3/4	23,430	3/4	13,130	3/4	2,830	3/4	
2	84,987	2	74,687	2	64,386	2	54,086	2	43,785	2	33,493	2	23,215	2	12,915	2	2,615	2	
1/4	84,772	1/4	74,472	1/4	64,171	1/4	53,871	1/4	43,570	1/4	33,280	1/4	23,001	1/4	12,701	1/4	2,401	1/4	
1/2	84,558	1/2	74,257	1/2	63,957	1/2	53,656	1/2	43,356	1/2	33,066	1/2	22,786	1/2	12,486	1/2	2,186	1/2	
3/4	84,343	3/4	74,043	3/4	63,742	3/4	53,442	3/4	43,141	3/4	32,852	3/4	22,572	3/4	12,272	3/4	1,977	3/4	
3	84,129	3	73,828	3	63,528	3	53,227	3	42,927	3	32,638	3	22,357	3	12,057	3	1,768	3	
1/4	83,914	1/4	73,614	1/4	63,313	1/4	53,013	1/4	42,712	1/4	32,425	1/4	22,143	1/4	11,843	1/4	1,560	1/4	
1/2	83,700	1/2	73,399	1/2	63,099	1/2	52,798	1/2	42,497	1/2	32,211	1/2	21,928	1/2	11,628	1/2	1,351	1/2	
3/4	83,485	3/4	73,184	3/4	62,884	3/4	52,583	3/4	42,283	3/4	31,997	3/4	21,713	3/4	11,413	3/4	1,184	3/4	
4	83,270	4	72,970	4	62,669	4	52,369	4	42,068	4	31,783	4	21,499	4	11,199	4	1,017	4	
1/4	83,056	1/4	72,755	1/4	62,455	1/4	52,154	1/4	41,854	1/4	31,570	1/4	21,284	1/4	10,984	1/4	850	1/4	
1/2	82,841	1/2	72,541	1/2	62,240	1/2	51,940	1/2	41,639	1/2	31,356	1/2	21,070	1/2	10,770	1/2	684	1/2	
3/4	82,627	3/4	72,326	3/4	62,026	3/4	51,725	3/4	41,425	3/4	31,142	3/4	20,855	3/4	10,555	3/4	576	3/4	
5	82,412	5	72,111	5	61,811	5	51,510	5	41,210	5	30,928	5	20,640	5	10,340	5	469	5	
1/4	82,197	1/4	71,897	1/4	61,596	1/4	51,296	1/4	40,995	1/4	30,714	1/4	20,426	1/4	10,126	1/4	362	1/4	
1/2	81,983	1/2	71,682	1/2	61,382	1/2	51,081	1/2	40,781	1/2	30,501	1/2	20,211	1/2	9,911	1/2	254	1/2	
3/4	81,768	3/4	71,468	3/4	61,167	3/4	50,867	3/4	40,566	3/4	30,287	3/4	19,997	3/4	9,697	3/4	208	3/4	
6	81,554	6	71,253	6	60,953	6	50,652	6	40,352	6	30,073	6	19,782	6	9,482	6	162	6	
1/4	81,339	1/4	71,038	1/4	60,738	1/4	50,437	1/4	40,137	1/4	29,859	1/4	19,568	1/4	9,267	1/4	116	1/4	
1/2	81,124	1/2	70,824	1/2	60,523	1/2	50,223	1/2	39,922	1/2	29,646	1/2	19,353	1/2	9,053	1/2	70	1/2	
3/4	80,910	3/4	70,609	3/4	60,309	3/4	50,008	3/4	39,708	3/4	29,432	3/4	19,138	3/4	8,838	3/4		3/4	
7	80,695	7	70,395	7	60,094	7	49,794	7	39,493	7	29,218	7	18,924	7	8,624	7		7	
1/4	80,481	1/4	70,180	1/4	59,880	1/4	49,579	1/4	39,279	1/4	29,004	1/4	18,709	1/4	8,409	1/4		1/4	
1/2	80,266	1/2	69,966	1/2	59,665	1/2	49,364	1/2	39,064	1/2	28,791	1/2	18,495	1/2	8,195	1/2		1/2	
3/4	80,051	3/4	69,751	3/4	59,450	3/4	49,150	3/4	38,849	3/4	28,577	3/4	18,280	3/4	7,980	3/4		3/4	
8	79,837	8	69,536	8	59,236	8	48,935	8	38,635	8	28,363	8	18,065	8	7,765	8		8	
1/4	79,622	1/4	69,322	1/4	59,021	1/4	48,721	1/4	38,420	1/4	28,149	1/4	17,851	1/4	7,551	1/4		1/4	
1/2	79,408	1/2	69,107	1/2	58,807	1/2	48,506	1/2	38,206	1/2	27,936	1/2	17,636	1/2	7,336	1/2		1/2	
3/4	79,193	3/4	68,893	3/4	58,592	3/4	48,292	3/4	37,991	3/4	27,721	3/4	17,422	3/4	7,122	3/4		3/4	
9	78,978	9	68,678	9	58,377	9	48,077	9	37,776	9	27,507	9	17,207	9	6,907	9		9	
1/4	78,764	1/4	68,463	1/4	58,163	1/4	47,862	1/4	37,562	1/4	27,292	1/4	16,993	1/4	6,692	1/4		1/4	
1/2	78,549	1/2	68,249	1/2	57,948	1/2	47,648	1/2	37,347	1/2	27,078	1/2	16,778	1/2	6,478	1/2		1/2	
3/4	78,335	3/4	68,034	3/4	57,734	3/4	47,433	3/4	37,133	3/4	26,863	3/4	16,563	3/4	6,263	3/4		3/4	
10	78,120	10	67,820	10	57,519	10	47,219	10	36,918	10	26,649	10	16,349	10	6,049	10		10	
1/4	77,905	1/4	67,605	1/4	57,304	1/4	47,004	1/4	36,703	1/4	26,434	1/4	16,134	1/4	5,834	1/4		1/4	
1/2	77,691	1/2	67,390	1/2	57,090	1/2	46,789	1/2	36,489	1/2	26,220	1/2	15,920	1/2	5,620	1/2		1/2	
3/4	77,476	3/4	67,176	3/4	56,875	3/4	46,575	3/4	36,275	3/4	26,005	3/4	15,705	3/4	5,405	3/4		3/4	
11	77,262	11	66,961	11	56,661	11	46,360	11	36,061	11	25,791	11	15,490	11	5,190	11		11	
1/4	77,047	1/4	66,747	1/4	56,446	1/4	46,146	1/4	35,846	1/4	25,576	1/4	15,276	1/4	4,976	1/4		1/4	
1/2	76,833	1/2	66,532	1/2	56,232	1/2	45,931	1/2	35,632	1/2	25,361	1/2	15,061	1/2	4,761	1/2		1/2	
3/4	76,618	3/4	66,317	3/4	56,017	3/4	45,716	3/4	35,418	3/4	25,147	3/4	14,847	3/4	4,547	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 02/2015

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