



BARGE "DBL 110"

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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
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 - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 160'-06"

July 22, 2015

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

<http://www.pmacorp.net>



BARGE "DBL 110"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-01 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	144,002	0	134,691	0	125,336	0	115,981	0	106,421
1/4		1/4		1/4		1/4		1/4		1/4	143,808	1/4	134,496	1/4	125,141	1/4	115,786	1/4	106,197
1/2		1/2		1/2		1/2		1/2		1/2	143,615	1/2	134,301	1/2	124,946	1/2	115,592	1/2	105,973
3/4		3/4		3/4		3/4		3/4		3/4	143,422	3/4	134,106	3/4	124,751	3/4	115,397	3/4	105,749
1		1		1		1		1		1	143,229	1	133,911	1	124,556	1	115,202	1	105,526
1/4		1/4		1/4		1/4		1/4		1/4	143,036	1/4	133,716	1/4	124,362	1/4	115,007	1/4	105,302
1/2		1/2		1/2		1/2		1/2		1/2	142,843	1/2	133,521	1/2	124,167	1/2	114,812	1/2	105,078
3/4		3/4		3/4		3/4		3/4		3/4	142,650	3/4	133,326	3/4	123,972	3/4	114,617	3/4	104,855
2		2		2		2		2		2	142,456	2	133,131	2	123,777	2	114,422	2	104,631
1/4		1/4		1/4		1/4		1/4	150,255	1/4	142,263	1/4	132,937	1/4	123,582	1/4	114,227	1/4	104,407
1/2		1/2		1/2		1/2		1/2	150,218	1/2	142,070	1/2	132,742	1/2	123,387	1/2	114,032	1/2	104,184
3/4		3/4		3/4		3/4		3/4	150,180	3/4	141,877	3/4	132,547	3/4	123,192	3/4	113,838	3/4	103,960
3		3		3		3		3	150,143	3	141,684	3	132,352	3	122,997	3	113,643	3	103,736
1/4		1/4		1/4		1/4		1/4	150,106	1/4	141,491	1/4	132,157	1/4	122,802	1/4	113,448	1/4	103,513
1/2		1/2		1/2		1/2		1/2	150,028	1/2	141,298	1/2	131,962	1/2	122,608	1/2	113,253	1/2	103,289
3/4		3/4		3/4		3/4		3/4	149,949	3/4	141,104	3/4	131,767	3/4	122,413	3/4	113,058	3/4	103,065
4		4		4		4		4	149,871	4	140,911	4	131,572	4	122,218	4	112,863	4	102,841
1/4		1/4		1/4		1/4		1/4	149,793	1/4	140,718	1/4	131,377	1/4	122,023	1/4	112,668	1/4	102,618
1/2		1/2		1/2		1/2		1/2	149,641	1/2	140,525	1/2	131,183	1/2	121,828	1/2	112,473	1/2	102,394
3/4		3/4		3/4		3/4		3/4	149,488	3/4	140,332	3/4	130,988	3/4	121,633	3/4	112,278	3/4	102,170
5		5		5		5		5	149,335	5	140,139	5	130,793	5	121,438	5	112,084	5	101,947
1/4		1/4		1/4		1/4		1/4	149,182	1/4	139,946	1/4	130,598	1/4	121,243	1/4	111,889	1/4	101,723
1/2		1/2		1/2		1/2		1/2	148,992	1/2	139,752	1/2	130,403	1/2	121,048	1/2	111,694	1/2	101,499
3/4		3/4		3/4		3/4		3/4	148,801	3/4	139,559	3/4	130,208	3/4	120,854	3/4	111,499	3/4	101,276
6		6		6		6		6	148,611	6	139,366	6	130,013	6	120,659	6	111,304	6	101,052
1/4		1/4		1/4		1/4		1/4	148,421	1/4	139,173	1/4	129,818	1/4	120,464	1/4	111,109	1/4	100,828
1/2		1/2		1/2		1/2		1/2	148,231	1/2	138,978	1/2	129,623	1/2	120,269	1/2	110,914	1/2	100,605
3/4		3/4		3/4		3/4		3/4	148,040	3/4	138,783	3/4	129,429	3/4	120,074	3/4	110,719	3/4	100,381
7		7		7		7		7	147,850	7	138,588	7	129,234	7	119,879	7	110,524	7	100,157
1/4		1/4		1/4		1/4		1/4	147,660	1/4	138,393	1/4	129,039	1/4	119,684	1/4	110,330	1/4	99,933
1/2		1/2		1/2		1/2		1/2	147,470	1/2	138,199	1/2	128,844	1/2	119,489	1/2	110,135	1/2	99,710
3/4		3/4		3/4		3/4		3/4	147,279	3/4	138,004	3/4	128,649	3/4	119,294	3/4	109,940	3/4	99,486
8		8		8		8		8	147,089	8	137,809	8	128,454	8	119,100	8	109,745	8	99,262
1/4		1/4		1/4		1/4		1/4	146,899	1/4	137,614	1/4	128,259	1/4	118,905	1/4	109,550	1/4	99,039
1/2		1/2		1/2		1/2		1/2	146,706	1/2	137,419	1/2	128,064	1/2	118,710	1/2	109,355	1/2	98,815
3/4		3/4		3/4		3/4		3/4	146,512	3/4	137,224	3/4	127,869	3/4	118,515	3/4	109,160	3/4	98,591
9		9		9		9		9	146,319	9	137,029	9	127,675	9	118,320	9	108,965	9	98,368
1/4		1/4		1/4		1/4		1/4	146,126	1/4	136,834	1/4	127,480	1/4	118,125	1/4	108,770	1/4	98,144
1/2		1/2		1/2		1/2		1/2	145,933	1/2	136,639	1/2	127,285	1/2	117,930	1/2	108,576	1/2	97,920
3/4		3/4		3/4		3/4		3/4	145,740	3/4	136,445	3/4	127,090	3/4	117,735	3/4	108,381	3/4	97,697
10		10		10		10		10	145,547	10	136,250	10	126,895	10	117,540	10	108,186	10	97,473
1/4		1/4		1/4		1/4		1/4	145,354	1/4	136,055	1/4	126,700	1/4	117,346	1/4	107,991	1/4	97,249
1/2		1/2		1/2		1/2		1/2	145,160	1/2	135,860	1/2	126,505	1/2	117,151	1/2	107,797	1/2	97,025
3/4		3/4		3/4		3/4		3/4	144,967	3/4	135,665	3/4	126,310	3/4	116,956	3/4	107,542	3/4	96,802
11		11		11		11		11	144,774	11	135,470	11	126,116	11	116,761	11	107,318	11	96,578
1/4		1/4		1/4		1/4		1/4	144,581	1/4	135,275	1/4	125,921	1/4	116,566	1/4	107,094	1/4	96,354
1/2		1/2		1/2		1/2		1/2	144,388	1/2	135,080	1/2	125,726	1/2	116,371	1/2	106,870	1/2	96,131
3/4		3/4		3/4		3/4		3/4	144,195	3/4	134,885	3/4	125,531	3/4	116,176	3/4	106,645	3/4	95,907

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 28'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "DBL 110"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-01 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	95,683	0	84,946	0	74,206	0	63,464	0	52,946	0	42,325	0	31,603	0	20,867	0	10,362	0	288
1/4	95,460	1/4	84,722	1/4	73,982	1/4	63,240	1/4	52,748	1/4	42,105	1/4	31,380	1/4	20,643	1/4	10,145	1/4	176
1/2	95,236	1/2	84,499	1/2	73,758	1/2	63,016	1/2	52,524	1/2	41,884	1/2	31,156	1/2	20,419	1/2	9,921	1/2	139
3/4	95,012	3/4	84,275	3/4	73,534	3/4	62,793	3/4	52,300	3/4	41,663	3/4	30,932	3/4	20,196	3/4	9,697	3/4	101
1	94,789	1	84,051	1	73,310	1	62,569	1	52,076	1	41,442	1	30,709	1	19,972	1	9,473	1	64
1/4	94,565	1/4	83,828	1/4	73,087	1/4	62,345	1/4	51,852	1/4	41,222	1/4	30,485	1/4	19,748	1/4	9,250	1/4	27
1/2	94,341	1/2	83,604	1/2	72,863	1/2	62,121	1/2	51,629	1/2	40,998	1/2	30,261	1/2	19,525	1/2	9,026	1/2	
3/4	94,117	3/4	83,380	3/4	72,639	3/4	61,897	3/4	51,405	3/4	40,774	3/4	30,038	3/4	19,301	3/4	8,802	3/4	
2	93,894	2	83,157	2	72,415	2	61,674	2	51,181	2	40,551	2	29,814	2	19,077	2	8,579	2	
1/4	93,670	1/4	82,933	1/4	72,192	1/4	61,450	1/4	50,957	1/4	40,327	1/4	29,590	1/4	18,854	1/4	8,355	1/4	
1/2	93,446	1/2	82,709	1/2	71,968	1/2	61,226	1/2	50,734	1/2	40,103	1/2	29,367	1/2	18,636	1/2	8,132	1/2	
3/4	93,223	3/4	82,485	3/4	71,744	3/4	61,002	3/4	50,510	3/4	39,880	3/4	29,143	3/4	18,418	3/4	7,908	3/4	
3	92,999	3	82,262	3	71,520	3	60,779	3	50,286	3	39,656	3	28,919	3	18,201	3	7,685	3	
1/4	92,775	1/4	82,038	1/4	71,296	1/4	60,555	1/4	50,062	1/4	39,432	1/4	28,696	1/4	17,983	1/4	7,462	1/4	
1/2	92,552	1/2	81,814	1/2	71,073	1/2	60,331	1/2	49,840	1/2	39,209	1/2	28,472	1/2	17,765	1/2	7,239	1/2	
3/4	92,328	3/4	81,590	3/4	70,849	3/4	60,107	3/4	49,618	3/4	38,985	3/4	28,248	3/4	17,547	3/4	7,016	3/4	
4	92,104	4	81,367	4	70,625	4	59,883	4	49,396	4	38,761	4	28,025	4	17,330	4	6,793	4	
1/4	91,881	1/4	81,143	1/4	70,401	1/4	59,660	1/4	49,173	1/4	38,538	1/4	27,801	1/4	17,112	1/4	6,570	1/4	
1/2	91,657	1/2	80,919	1/2	70,177	1/2	59,436	1/2	48,951	1/2	38,314	1/2	27,577	1/2	16,894	1/2	6,348	1/2	
3/4	91,433	3/4	80,695	3/4	69,954	3/4	59,212	3/4	48,729	3/4	38,090	3/4	27,354	3/4	16,676	3/4	6,125	3/4	
5	91,209	5	80,472	5	69,730	5	58,988	5	48,507	5	37,867	5	27,130	5	16,459	5	5,902	5	
1/4	90,986	1/4	80,248	1/4	69,506	1/4	58,764	1/4	48,285	1/4	37,643	1/4	26,906	1/4	16,241	1/4	5,679	1/4	
1/2	90,762	1/2	80,024	1/2	69,282	1/2	58,541	1/2	48,064	1/2	37,419	1/2	26,683	1/2	16,023	1/2	5,466	1/2	
3/4	90,538	3/4	79,800	3/4	69,059	3/4	58,317	3/4	47,843	3/4	37,195	3/4	26,459	3/4	15,806	3/4	5,254	3/4	
6	90,315	6	79,576	6	68,835	6	58,093	6	47,622	6	36,972	6	26,235	6	15,588	6	5,041	6	
1/4	90,091	1/4	79,353	1/4	68,611	1/4	57,869	1/4	47,402	1/4	36,748	1/4	26,011	1/4	15,370	1/4	4,828	1/4	
1/2	89,867	1/2	79,129	1/2	68,387	1/2	57,646	1/2	47,181	1/2	36,524	1/2	25,788	1/2	15,152	1/2	4,626	1/2	
3/4	89,644	3/4	78,905	3/4	68,163	3/4	57,422	3/4	46,960	3/4	36,301	3/4	25,564	3/4	14,935	3/4	4,424	3/4	
7	89,420	7	78,681	7	67,940	7	57,198	7	46,740	7	36,077	7	25,340	7	14,717	7	4,222	7	
1/4	89,196	1/4	78,457	1/4	67,716	1/4	56,974	1/4	46,519	1/4	35,853	1/4	25,117	1/4	14,499	1/4	4,019	1/4	
1/2	88,973	1/2	78,234	1/2	67,492	1/2	56,751	1/2	46,298	1/2	35,630	1/2	24,893	1/2	14,281	1/2	3,806	1/2	
3/4	88,749	3/4	78,010	3/4	67,268	3/4	56,528	3/4	46,077	3/4	35,406	3/4	24,669	3/4	14,064	3/4	3,593	3/4	
8	88,525	8	77,786	8	67,044	8	56,305	8	45,857	8	35,182	8	24,446	8	13,846	8	3,380	8	
1/4	88,301	1/4	77,562	1/4	66,821	1/4	56,083	1/4	45,636	1/4	34,959	1/4	24,222	1/4	13,628	1/4	3,167	1/4	
1/2	88,078	1/2	77,339	1/2	66,597	1/2	55,864	1/2	45,415	1/2	34,735	1/2	23,998	1/2	13,411	1/2	2,943	1/2	
3/4	87,854	3/4	77,115	3/4	66,373	3/4	55,645	3/4	45,195	3/4	34,511	3/4	23,775	3/4	13,193	3/4	2,718	3/4	
9	87,630	9	76,891	9	66,149	9	55,426	9	44,974	9	34,288	9	23,551	9	12,975	9	2,494	9	
1/4	87,407	1/4	76,667	1/4	65,926	1/4	55,207	1/4	44,753	1/4	34,064	1/4	23,327	1/4	12,757	1/4	2,270	1/4	
1/2	87,183	1/2	76,443	1/2	65,702	1/2	54,989	1/2	44,532	1/2	33,840	1/2	23,104	1/2	12,540	1/2	2,045	1/2	
3/4	86,959	3/4	76,220	3/4	65,478	3/4	54,770	3/4	44,312	3/4	33,617	3/4	22,880	3/4	12,322	3/4	1,821	3/4	
10	86,736	10	75,996	10	65,254	10	54,551	10	44,091	10	33,393	10	22,656	10	12,105	10	1,597	10	
1/4	86,512	1/4	75,772	1/4	65,030	1/4	54,332	1/4	43,870	1/4	33,169	1/4	22,433	1/4	11,887	1/4	1,372	1/4	
1/2	86,288	1/2	75,548	1/2	64,807	1/2	54,134	1/2	43,650	1/2	32,946	1/2	22,209	1/2	11,669	1/2	1,185	1/2	
3/4	86,065	3/4	75,325	3/4	64,583	3/4	53,936	3/4	43,429	3/4	32,722	3/4	21,985	3/4	11,451	3/4	999	3/4	
11	85,841	11	75,101	11	64,359	11	53,738	11	43,208	11	32,498	11	21,762	11	11,234	11	812	11	
1/4	85,617	1/4	74,877	1/4	64,135	1/4	53,540	1/4	42,987	1/4	32,275	1/4	21,538	1/4	11,016	1/4	625	1/4	
1/2	85,393	1/2	74,653	1/2	63,912	1/2	53,342	1/2	42,767	1/2	32,051	1/2	21,314	1/2	10,798	1/2	513	1/2	
3/4	85,170	3/4	74,429	3/4	63,688	3/4	53,144	3/4	42,546	3/4	31,827	3/4	21,091	3/4	10,580	3/4	400	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/2015 CL
CALCULATED: 07/23/2015 CL
REPRINTED: 07/24/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

PRECISION MEASUREMENT
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BARGE "DBL 110"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-01 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		0	167,652	0	155,677	0	143,641	0	131,604	0	119,568
1/4		1/4		1/4		1/4		1/4		1/4	167,404	1/4	155,426	1/4	143,390	1/4	131,354	1/4	119,317
1/2		1/2		1/2		1/2		1/2		1/2	167,156	1/2	155,175	1/2	143,139	1/2	131,103	1/2	119,067
3/4		3/4		3/4		3/4		3/4		3/4	166,907	3/4	154,925	3/4	142,888	3/4	130,852	3/4	118,816
1		1		1		1		1		1	166,659	1	154,674	1	142,638	1	130,601	1	118,565
1/4		1/4		1/4		1/4		1/4		1/4	166,410	1/4	154,423	1/4	142,387	1/4	130,351	1/4	118,314
1/2		1/2		1/2		1/2		1/2		1/2	166,162	1/2	154,172	1/2	142,136	1/2	130,100	1/2	118,064
3/4		3/4		3/4		3/4		3/4		3/4	165,913	3/4	153,922	3/4	141,885	3/4	129,849	3/4	117,813
2		2		2		2		2		2	165,665	2	153,671	2	141,635	2	129,598	2	117,562
1/4		1/4		1/4		1/4		1/4		1/4	165,417	1/4	153,420	1/4	141,384	1/4	129,348	1/4	117,311
1/2		1/2		1/2		1/2		1/2	175,533	1/2	165,168	1/2	153,169	1/2	141,133	1/2	129,097	1/2	117,061
3/4		3/4		3/4		3/4		3/4	175,491	3/4	164,920	3/4	152,918	3/4	140,882	3/4	128,846	3/4	116,810
3		3		3		3		3	175,449	3	164,671	3	152,668	3	140,632	3	128,595	3	116,559
1/4		1/4		1/4		1/4		1/4	175,408	1/4	164,423	1/4	152,417	1/4	140,381	1/4	128,345	1/4	116,308
1/2		1/2		1/2		1/2		1/2	175,366	1/2	164,175	1/2	152,166	1/2	140,130	1/2	128,094	1/2	116,058
3/4		3/4		3/4		3/4		3/4	175,246	3/4	163,926	3/4	151,915	3/4	139,879	3/4	127,843	3/4	115,807
4		4		4		4		4	175,126	4	163,678	4	151,665	4	139,629	4	127,592	4	115,556
1/4		1/4		1/4		1/4		1/4	175,007	1/4	163,429	1/4	151,414	1/4	139,378	1/4	127,342	1/4	115,305
1/2		1/2		1/2		1/2		1/2	174,887	1/2	163,181	1/2	151,163	1/2	139,127	1/2	127,091	1/2	115,055
3/4		3/4		3/4		3/4		3/4	174,683	3/4	162,932	3/4	150,912	3/4	138,876	3/4	126,840	3/4	114,804
5		5		5		5		5	174,480	5	162,684	5	150,662	5	138,625	5	126,589	5	114,553
1/4		1/4		1/4		1/4		1/4	174,277	1/4	162,436	1/4	150,411	1/4	138,375	1/4	126,339	1/4	114,302
1/2		1/2		1/2		1/2		1/2	174,073	1/2	162,187	1/2	150,160	1/2	138,124	1/2	126,088	1/2	114,052
3/4		3/4		3/4		3/4		3/4	173,828	3/4	161,939	3/4	149,909	3/4	137,873	3/4	125,837	3/4	113,801
6		6		6		6		6	173,583	6	161,690	6	149,659	6	137,622	6	125,586	6	113,550
1/4		1/4		1/4		1/4		1/4	173,337	1/4	161,442	1/4	149,408	1/4	137,372	1/4	125,335	1/4	113,299
1/2		1/2		1/2		1/2		1/2	173,092	1/2	161,193	1/2	149,157	1/2	137,121	1/2	125,085	1/2	113,049
3/4		3/4		3/4		3/4		3/4	172,847	3/4	160,943	3/4	148,906	3/4	136,870	3/4	124,834	3/4	112,798
7		7		7		7		7	172,602	7	160,692	7	148,656	7	136,619	7	124,583	7	112,547
1/4		1/4		1/4		1/4		1/4	172,357	1/4	160,441	1/4	148,405	1/4	136,369	1/4	124,332	1/4	112,296
1/2		1/2		1/2		1/2		1/2	172,111	1/2	160,190	1/2	148,154	1/2	136,118	1/2	124,082	1/2	112,045
3/4		3/4		3/4		3/4		3/4	171,866	3/4	159,940	3/4	147,903	3/4	135,867	3/4	123,831	3/4	111,795
8		8		8		8		8	171,621	8	159,689	8	147,653	8	135,616	8	123,580	8	111,544
1/4		1/4		1/4		1/4		1/4	171,376	1/4	159,438	1/4	147,402	1/4	135,366	1/4	123,329	1/4	111,293
1/2		1/2		1/2		1/2		1/2	171,130	1/2	159,187	1/2	147,151	1/2	135,115	1/2	123,079	1/2	111,042
3/4		3/4		3/4		3/4		3/4	170,882	3/4	158,937	3/4	146,900	3/4	134,864	3/4	122,828	3/4	110,792
9		9		9		9		9	170,634	9	158,686	9	146,650	9	134,613	9	122,577	9	110,541
1/4		1/4		1/4		1/4		1/4	170,385	1/4	158,435	1/4	146,399	1/4	134,363	1/4	122,326	1/4	110,290
1/2		1/2		1/2		1/2		1/2	170,137	1/2	158,184	1/2	146,148	1/2	134,112	1/2	122,076	1/2	110,039
3/4		3/4		3/4		3/4		3/4	169,888	3/4	157,934	3/4	145,897	3/4	133,861	3/4	121,825	3/4	109,789
10		10		10		10		10	169,640	10	157,683	10	145,647	10	133,610	10	121,574	10	109,538
1/4		1/4		1/4		1/4		1/4	169,391	1/4	157,432	1/4	145,396	1/4	133,360	1/4	121,323	1/4	109,287
1/2		1/2		1/2		1/2		1/2	169,143	1/2	157,181	1/2	145,145	1/2	133,109	1/2	121,073	1/2	109,036
3/4		3/4		3/4		3/4		3/4	168,895	3/4	156,931	3/4	144,894	3/4	132,858	3/4	120,822	3/4	108,786
11		11		11		11		11	168,646	11	156,680	11	144,644	11	132,607	11	120,571	11	108,535
1/4		1/4		1/4		1/4		1/4	168,398	1/4	156,429	1/4	144,393	1/4	132,357	1/4	120,320	1/4	108,284
1/2		1/2		1/2		1/2		1/2	168,149	1/2	156,178	1/2	144,142	1/2	132,106	1/2	120,070	1/2	108,033
3/4		3/4		3/4		3/4		3/4	167,901	3/4	155,928	3/4	143,891	3/4	131,855	3/4	119,819	3/4	107,783

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "DBL 110"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-01 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	107,533	0	95,509	0	83,472	0	71,433	0	59,633	0	47,653	0	35,614	0	23,574	0	11,843	0	445
1/4	107,283	1/4	95,258	1/4	83,221	1/4	71,183	1/4	59,412	1/4	47,403	1/4	35,363	1/4	23,323	1/4	11,600	1/4	319
1/2	107,033	1/2	95,008	1/2	82,970	1/2	70,932	1/2	59,192	1/2	47,152	1/2	35,112	1/2	23,072	1/2	11,357	1/2	194
3/4	106,783	3/4	94,757	3/4	82,720	3/4	70,681	3/4	58,941	3/4	46,901	3/4	34,861	3/4	22,821	3/4	11,106	3/4	152
1	106,533	1	94,506	1	82,469	1	70,430	1	58,690	1	46,650	1	34,610	1	22,571	1	10,856	1	110
1/4	106,283	1/4	94,256	1/4	82,218	1/4	70,179	1/4	58,439	1/4	46,399	1/4	34,360	1/4	22,320	1/4	10,605	1/4	69
1/2	106,033	1/2	94,005	1/2	81,967	1/2	69,928	1/2	58,188	1/2	46,148	1/2	34,109	1/2	22,069	1/2	10,354	1/2	27
3/4	105,783	3/4	93,754	3/4	81,716	3/4	69,678	3/4	57,937	3/4	45,898	3/4	33,858	3/4	21,818	3/4	10,104	3/4	
2	105,533	2	93,504	2	81,466	2	69,427	2	57,687	2	45,647	2	33,607	2	21,567	2	9,853	2	
1/4	105,283	1/4	93,253	1/4	81,215	1/4	69,176	1/4	57,436	1/4	45,396	1/4	33,356	1/4	21,316	1/4	9,602	1/4	
1/2	105,033	1/2	93,002	1/2	80,964	1/2	68,925	1/2	57,185	1/2	45,145	1/2	33,105	1/2	21,066	1/2	9,352	1/2	
3/4	104,783	3/4	92,751	3/4	80,713	3/4	68,674	3/4	56,934	3/4	44,894	3/4	32,855	3/4	20,823	3/4	9,101	3/4	
3	104,532	3	92,501	3	80,462	3	68,424	3	56,683	3	44,644	3	32,604	3	20,580	3	8,851	3	
1/4	104,282	1/4	92,250	1/4	80,212	1/4	68,173	1/4	56,432	1/4	44,393	1/4	32,353	1/4	20,338	1/4	8,601	1/4	
1/2	104,032	1/2	91,999	1/2	79,961	1/2	67,922	1/2	56,182	1/2	44,142	1/2	32,102	1/2	20,095	1/2	8,351	1/2	
3/4	103,782	3/4	91,749	3/4	79,710	3/4	67,671	3/4	55,931	3/4	43,891	3/4	31,851	3/4	19,853	3/4	8,101	3/4	
4	103,531	4	91,498	4	79,459	4	67,420	4	55,680	4	43,640	4	31,600	4	19,610	4	7,851	4	
1/4	103,280	1/4	91,247	1/4	79,208	1/4	67,170	1/4	55,429	1/4	43,389	1/4	31,350	1/4	19,367	1/4	7,602	1/4	
1/2	103,030	1/2	90,996	1/2	78,958	1/2	66,919	1/2	55,178	1/2	43,139	1/2	31,099	1/2	19,125	1/2	7,352	1/2	
3/4	102,779	3/4	90,745	3/4	78,707	3/4	66,668	3/4	54,927	3/4	42,888	3/4	30,848	3/4	18,882	3/4	7,102	3/4	
5	102,528	5	90,495	5	78,456	5	66,417	5	54,677	5	42,637	5	30,597	5	18,639	5	6,852	5	
1/4	102,278	1/4	90,244	1/4	78,205	1/4	66,166	1/4	54,426	1/4	42,386	1/4	30,346	1/4	18,397	1/4	6,603	1/4	
1/2	102,027	1/2	89,993	1/2	77,954	1/2	65,916	1/2	54,175	1/2	42,135	1/2	30,095	1/2	18,154	1/2	6,353	1/2	
3/4	101,776	3/4	89,742	3/4	77,703	3/4	65,665	3/4	53,924	3/4	41,884	3/4	29,845	3/4	17,912	3/4	6,115	3/4	
6	101,526	6	89,491	6	77,453	6	65,414	6	53,673	6	41,634	6	29,594	6	17,669	6	5,876	6	
1/4	101,275	1/4	89,241	1/4	77,202	1/4	65,163	1/4	53,423	1/4	41,383	1/4	29,343	1/4	17,426	1/4	5,638	1/4	
1/2	101,024	1/2	88,990	1/2	76,951	1/2	64,912	1/2	53,172	1/2	41,132	1/2	29,092	1/2	17,184	1/2	5,400	1/2	
3/4	100,773	3/4	88,739	3/4	76,700	3/4	64,662	3/4	52,921	3/4	40,881	3/4	28,841	3/4	16,941	3/4	5,173	3/4	
7	100,523	7	88,488	7	76,449	7	64,411	7	52,670	7	40,630	7	28,591	7	16,698	7	4,946	7	
1/4	100,272	1/4	88,237	1/4	76,199	1/4	64,160	1/4	52,419	1/4	40,379	1/4	28,340	1/4	16,456	1/4	4,720	1/4	
1/2	100,021	1/2	87,987	1/2	75,948	1/2	63,909	1/2	52,168	1/2	40,129	1/2	28,089	1/2	16,213	1/2	4,493	1/2	
3/4	99,771	3/4	87,736	3/4	75,697	3/4	63,659	3/4	51,918	3/4	39,878	3/4	27,838	3/4	15,971	3/4	4,254	3/4	
8	99,520	8	87,485	8	75,446	8	63,410	8	51,667	8	39,627	8	27,587	8	15,728	8	4,016	8	
1/4	99,269	1/4	87,234	1/4	75,195	1/4	63,160	1/4	51,416	1/4	39,376	1/4	27,336	1/4	15,485	1/4	3,777	1/4	
1/2	99,019	1/2	86,983	1/2	74,945	1/2	62,910	1/2	51,165	1/2	39,125	1/2	27,086	1/2	15,243	1/2	3,538	1/2	
3/4	98,768	3/4	86,733	3/4	74,694	3/4	62,666	3/4	50,914	3/4	38,874	3/4	26,835	3/4	15,000	3/4	3,287	3/4	
9	98,517	9	86,482	9	74,443	9	62,422	9	50,663	9	38,624	9	26,584	9	14,757	9	3,036	9	
1/4	98,267	1/4	86,231	1/4	74,192	1/4	62,178	1/4	50,413	1/4	38,373	1/4	26,333	1/4	14,515	1/4	2,786	1/4	
1/2	98,016	1/2	85,980	1/2	73,941	1/2	61,934	1/2	50,162	1/2	38,122	1/2	26,082	1/2	14,272	1/2	2,535	1/2	
3/4	97,765	3/4	85,729	3/4	73,691	3/4	61,690	3/4	49,911	3/4	37,871	3/4	25,831	3/4	14,030	3/4	2,284	3/4	
10	97,515	10	85,478	10	73,440	10	61,446	10	49,660	10	37,620	10	25,581	10	13,787	10	2,033	10	
1/4	97,264	1/4	85,228	1/4	73,189	1/4	61,202	1/4	49,409	1/4	37,369	1/4	25,330	1/4	13,545	1/4	1,782	1/4	
1/2	97,013	1/2	84,977	1/2	72,938	1/2	60,958	1/2	49,158	1/2	37,119	1/2	25,079	1/2	13,302	1/2	1,531	1/2	
3/4	96,762	3/4	84,726	3/4	72,687	3/4	60,737	3/4	48,908	3/4	36,868	3/4	24,828	3/4	13,059	3/4	1,322	3/4	
11	96,512	11	84,475	11	72,437	11	60,516	11	48,657	11	36,617	11	24,577	11	12,816	11	1,113	11	
1/4	96,261	1/4	84,224	1/4	72,186	1/4	60,296	1/4	48,406	1/4	36,366	1/4	24,326	1/4	12,573	1/4	904	1/4	
1/2	96,010	1/2	83,974	1/2	71,935	1/2	60,075	1/2	48,155	1/2	36,115	1/2	24,076	1/2	12,330	1/2	695	1/2	
3/4	95,760	3/4	83,723	3/4	71,684	3/4	59,854	3/4	47,904	3/4	35,865	3/4	23,825	3/4	12,086	3/4	570	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/2015 CL
CALCULATED: 07/23/2015 CL
REPRINTED: 07/24/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "DBL 110"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-01 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		0	148,086	0	137,528	0	126,918	0	116,308	0	105,697
1/4		1/4		1/4		1/4		1/4		1/4	147,867	1/4	137,307	1/4	126,697	1/4	116,087	1/4	105,476
1/2		1/2		1/2		1/2		1/2		1/2	147,648	1/2	137,086	1/2	126,476	1/2	115,866	1/2	105,255
3/4		3/4		3/4		3/4		3/4		3/4	147,429	3/4	136,865	3/4	126,255	3/4	115,645	3/4	105,034
1		1		1		1		1		1	147,210	1	136,644	1	126,034	1	115,424	1	104,813
1/4		1/4		1/4		1/4		1/4		1/4	146,991	1/4	136,423	1/4	125,813	1/4	115,202	1/4	104,592
1/2		1/2		1/2		1/2		1/2		1/2	146,772	1/2	136,202	1/2	125,592	1/2	114,981	1/2	104,371
3/4		3/4		3/4		3/4		3/4		3/4	146,553	3/4	135,981	3/4	125,371	3/4	114,760	3/4	104,150
2		2		2		2		2		2	146,334	2	135,760	2	125,150	2	114,539	2	103,929
1/4		1/4		1/4		1/4		1/4		1/4	146,115	1/4	135,539	1/4	124,929	1/4	114,318	1/4	103,708
1/2		1/2		1/2		1/2		1/2	155,033	1/2	145,896	1/2	135,318	1/2	124,708	1/2	114,097	1/2	103,487
3/4		3/4		3/4		3/4		3/4	154,996	3/4	145,677	3/4	135,097	3/4	124,487	3/4	113,876	3/4	103,266
3		3		3		3		3	154,959	3	145,458	3	134,876	3	124,265	3	113,655	3	103,045
1/4		1/4		1/4		1/4		1/4	154,923	1/4	145,239	1/4	134,655	1/4	124,044	1/4	113,434	1/4	102,824
1/2		1/2		1/2		1/2		1/2	154,886	1/2	145,020	1/2	134,434	1/2	123,823	1/2	113,213	1/2	102,603
3/4		3/4		3/4		3/4		3/4	154,780	3/4	144,801	3/4	134,213	3/4	123,602	3/4	112,992	3/4	102,382
4		4		4		4		4	154,675	4	144,582	4	133,992	4	123,381	4	112,771	4	102,161
1/4		1/4		1/4		1/4		1/4	154,569	1/4	144,363	1/4	133,771	1/4	123,160	1/4	112,550	1/4	101,940
1/2		1/2		1/2		1/2		1/2	154,463	1/2	144,144	1/2	133,550	1/2	122,939	1/2	112,329	1/2	101,719
3/4		3/4		3/4		3/4		3/4	154,284	3/4	143,925	3/4	133,328	3/4	122,718	3/4	112,108	3/4	101,497
5		5		5		5		5	154,105	5	143,706	5	133,107	5	122,497	5	111,887	5	101,276
1/4		1/4		1/4		1/4		1/4	153,925	1/4	143,486	1/4	132,886	1/4	122,276	1/4	111,666	1/4	101,055
1/2		1/2		1/2		1/2		1/2	153,746	1/2	143,267	1/2	132,665	1/2	122,055	1/2	111,445	1/2	100,834
3/4		3/4		3/4		3/4		3/4	153,530	3/4	143,048	3/4	132,444	3/4	121,834	3/4	111,224	3/4	100,613
6		6		6		6		6	153,314	6	142,829	6	132,223	6	121,613	6	111,003	6	100,392
1/4		1/4		1/4		1/4		1/4	153,098	1/4	142,610	1/4	132,002	1/4	121,392	1/4	110,782	1/4	100,171
1/2		1/2		1/2		1/2		1/2	152,881	1/2	142,391	1/2	131,781	1/2	121,171	1/2	110,560	1/2	99,950
3/4		3/4		3/4		3/4		3/4	152,665	3/4	142,170	3/4	131,560	3/4	120,950	3/4	110,339	3/4	99,729
7		7		7		7		7	152,449	7	141,949	7	131,339	7	120,729	7	110,118	7	99,508
1/4		1/4		1/4		1/4		1/4	152,233	1/4	141,728	1/4	131,118	1/4	120,508	1/4	109,897	1/4	99,287
1/2		1/2		1/2		1/2		1/2	152,017	1/2	141,507	1/2	130,897	1/2	120,287	1/2	109,676	1/2	99,066
3/4		3/4		3/4		3/4		3/4	151,800	3/4	141,286	3/4	130,676	3/4	120,066	3/4	109,455	3/4	98,845
8		8		8		8		8	151,584	8	141,065	8	130,455	8	119,845	8	109,234	8	98,624
1/4		1/4		1/4		1/4		1/4	151,368	1/4	140,844	1/4	130,234	1/4	119,623	1/4	109,013	1/4	98,403
1/2		1/2		1/2		1/2		1/2	151,152	1/2	140,623	1/2	130,013	1/2	119,402	1/2	108,792	1/2	98,182
3/4		3/4		3/4		3/4		3/4	150,933	3/4	140,402	3/4	129,792	3/4	119,181	3/4	108,571	3/4	97,961
9		9		9		9		9	150,714	9	140,181	9	129,571	9	118,960	9	108,350	9	97,740
1/4		1/4		1/4		1/4		1/4	150,495	1/4	139,960	1/4	129,350	1/4	118,739	1/4	108,129	1/4	97,519
1/2		1/2		1/2		1/2		1/2	150,276	1/2	139,739	1/2	129,129	1/2	118,518	1/2	107,908	1/2	97,298
3/4		3/4		3/4		3/4		3/4	150,057	3/4	139,518	3/4	128,907	3/4	118,297	3/4	107,687	3/4	97,077
10		10		10		10		10	149,838	10	139,297	10	128,686	10	118,076	10	107,466	10	96,855
1/4		1/4		1/4		1/4		1/4	149,619	1/4	139,076	1/4	128,465	1/4	117,855	1/4	107,245	1/4	96,634
1/2		1/2		1/2		1/2		1/2	149,400	1/2	138,855	1/2	128,244	1/2	117,634	1/2	107,024	1/2	96,413
3/4		3/4		3/4		3/4		3/4	149,181	3/4	138,634	3/4	128,023	3/4	117,413	3/4	106,803	3/4	96,192
11		11		11		11		11	148,962	11	138,413	11	127,802	11	117,192	11	106,582	11	95,971
1/4		1/4		1/4		1/4		1/4	148,743	1/4	138,192	1/4	127,581	1/4	116,971	1/4	106,361	1/4	95,750
1/2		1/2		1/2		1/2		1/2	148,524	1/2	137,970	1/2	127,360	1/2	116,750	1/2	106,140	1/2	95,529
3/4		3/4		3/4		3/4		3/4	148,305	3/4	137,749	3/4	127,139	3/4	116,529	3/4	105,918	3/4	95,308

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
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BARGE "DBL 110"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-01 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	95,087	0	84,477	0	73,863	0	63,247	0	52,846	0	42,285	0	31,670	0	21,054	0	10,462	0	396
1/4	94,866	1/4	84,256	1/4	73,642	1/4	63,026	1/4	52,652	1/4	42,064	1/4	31,448	1/4	20,833	1/4	10,241	1/4	285
1/2	94,645	1/2	84,035	1/2	73,421	1/2	62,805	1/2	52,458	1/2	41,842	1/2	31,227	1/2	20,612	1/2	10,020	1/2	175
3/4	94,424	3/4	83,814	3/4	73,199	3/4	62,584	3/4	52,236	3/4	41,621	3/4	31,006	3/4	20,391	3/4	9,799	3/4	138
1	94,203	1	83,593	1	72,978	1	62,363	1	52,015	1	41,400	1	30,785	1	20,170	1	9,577	1	101
1/4	93,982	1/4	83,372	1/4	72,757	1/4	62,142	1/4	51,794	1/4	41,179	1/4	30,564	1/4	19,949	1/4	9,356	1/4	64
1/2	93,761	1/2	83,150	1/2	72,536	1/2	61,920	1/2	51,573	1/2	40,958	1/2	30,343	1/2	19,728	1/2	9,135	1/2	27
3/4	93,540	3/4	82,929	3/4	72,315	3/4	61,699	3/4	51,352	3/4	40,737	3/4	30,122	3/4	19,507	3/4	8,914	3/4	
2	93,319	2	82,708	2	72,094	2	61,478	2	51,131	2	40,516	2	29,900	2	19,286	2	8,693	2	
1/4	93,098	1/4	82,487	1/4	71,872	1/4	61,257	1/4	50,910	1/4	40,294	1/4	29,679	1/4	19,065	1/4	8,472	1/4	
1/2	92,877	1/2	82,266	1/2	71,651	1/2	61,036	1/2	50,688	1/2	40,073	1/2	29,458	1/2	18,844	1/2	8,251	1/2	
3/4	92,656	3/4	82,045	3/4	71,430	3/4	60,815	3/4	50,467	3/4	39,852	3/4	29,237	3/4	18,624	3/4	8,030	3/4	
3	92,435	3	81,824	3	71,209	3	60,594	3	50,246	3	39,631	3	29,016	3	18,403	3	7,809	3	
1/4	92,213	1/4	81,603	1/4	70,988	1/4	60,372	1/4	50,025	1/4	39,410	1/4	28,795	1/4	18,183	1/4	7,588	1/4	
1/2	91,992	1/2	81,382	1/2	70,767	1/2	60,151	1/2	49,804	1/2	39,189	1/2	28,573	1/2	17,962	1/2	7,368	1/2	
3/4	91,771	3/4	81,161	3/4	70,546	3/4	59,930	3/4	49,583	3/4	38,967	3/4	28,352	3/4	17,742	3/4	7,147	3/4	
4	91,550	4	80,940	4	70,324	4	59,709	4	49,361	4	38,746	4	28,131	4	17,521	4	6,927	4	
1/4	91,329	1/4	80,719	1/4	70,103	1/4	59,488	1/4	49,140	1/4	38,525	1/4	27,910	1/4	17,301	1/4	6,707	1/4	
1/2	91,108	1/2	80,497	1/2	69,882	1/2	59,267	1/2	48,919	1/2	38,304	1/2	27,689	1/2	17,080	1/2	6,486	1/2	
3/4	90,887	3/4	80,276	3/4	69,661	3/4	59,045	3/4	48,698	3/4	38,083	3/4	27,468	3/4	16,860	3/4	6,266	3/4	
5	90,666	5	80,055	5	69,440	5	58,824	5	48,477	5	37,862	5	27,247	5	16,639	5	6,046	5	
1/4	90,445	1/4	79,834	1/4	69,219	1/4	58,603	1/4	48,256	1/4	37,641	1/4	27,025	1/4	16,419	1/4	5,826	1/4	
1/2	90,224	1/2	79,613	1/2	68,997	1/2	58,382	1/2	48,035	1/2	37,419	1/2	26,804	1/2	16,198	1/2	5,605	1/2	
3/4	90,003	3/4	79,392	3/4	68,776	3/4	58,161	3/4	47,813	3/4	37,198	3/4	26,583	3/4	15,977	3/4	5,395	3/4	
6	89,782	6	79,171	6	68,555	6	57,940	6	47,592	6	36,977	6	26,362	6	15,757	6	5,185	6	
1/4	89,561	1/4	78,949	1/4	68,334	1/4	57,719	1/4	47,371	1/4	36,756	1/4	26,141	1/4	15,536	1/4	4,975	1/4	
1/2	89,340	1/2	78,728	1/2	68,113	1/2	57,497	1/2	47,150	1/2	36,535	1/2	25,920	1/2	15,316	1/2	4,765	1/2	
3/4	89,119	3/4	78,507	3/4	67,892	3/4	57,276	3/4	46,929	3/4	36,314	3/4	25,699	3/4	15,095	3/4	4,565	3/4	
7	88,898	7	78,286	7	67,671	7	57,055	7	46,708	7	36,093	7	25,477	7	14,875	7	4,365	7	
1/4	88,677	1/4	78,065	1/4	67,449	1/4	56,834	1/4	46,487	1/4	35,871	1/4	25,256	1/4	14,654	1/4	4,165	1/4	
1/2	88,456	1/2	77,844	1/2	67,228	1/2	56,613	1/2	46,265	1/2	35,650	1/2	25,035	1/2	14,434	1/2	3,965	1/2	
3/4	88,235	3/4	77,622	3/4	67,007	3/4	56,392	3/4	46,044	3/4	35,429	3/4	24,814	3/4	14,213	3/4	3,755	3/4	
8	88,014	8	77,401	8	66,786	8	56,172	8	45,823	8	35,208	8	24,593	8	13,993	8	3,544	8	
1/4	87,792	1/4	77,180	1/4	66,565	1/4	55,952	1/4	45,602	1/4	34,987	1/4	24,372	1/4	13,772	1/4	3,334	1/4	
1/2	87,571	1/2	76,959	1/2	66,344	1/2	55,732	1/2	45,381	1/2	34,766	1/2	24,150	1/2	13,552	1/2	3,123	1/2	
3/4	87,350	3/4	76,738	3/4	66,122	3/4	55,517	3/4	45,160	3/4	34,544	3/4	23,929	3/4	13,331	3/4	2,902	3/4	
9	87,129	9	76,517	9	65,901	9	55,302	9	44,938	9	34,323	9	23,708	9	13,111	9	2,681	9	
1/4	86,908	1/4	76,296	1/4	65,680	1/4	55,087	1/4	44,717	1/4	34,102	1/4	23,487	1/4	12,890	1/4	2,460	1/4	
1/2	86,687	1/2	76,074	1/2	65,459	1/2	54,872	1/2	44,496	1/2	33,881	1/2	23,266	1/2	12,669	1/2	2,238	1/2	
3/4	86,466	3/4	75,853	3/4	65,238	3/4	54,657	3/4	44,275	3/4	33,660	3/4	23,045	3/4	12,449	3/4	2,017	3/4	
10	86,245	10	75,632	10	65,017	10	54,443	10	44,054	10	33,439	10	22,824	10	12,228	10	1,796	10	
1/4	86,024	1/4	75,411	1/4	64,795	1/4	54,228	1/4	43,833	1/4	33,218	1/4	22,602	1/4	12,008	1/4	1,575	1/4	
1/2	85,803	1/2	75,190	1/2	64,574	1/2	54,013	1/2	43,612	1/2	32,996	1/2	22,381	1/2	11,787	1/2	1,354	1/2	
3/4	85,582	3/4	74,969	3/4	64,353	3/4	53,819	3/4	43,390	3/4	32,775	3/4	22,160	3/4	11,567	3/4	1,170	3/4	
11	85,361	11	74,747	11	64,132	11	53,624	11	43,169	11	32,554	11	21,939	11	11,346	11	985	11	
1/4	85,140	1/4	74,526	1/4	63,911	1/4	53,430	1/4	42,948	1/4	32,333	1/4	21,718	1/4	11,125	1/4	801	1/4	
1/2	84,919	1/2	74,305	1/2	63,690	1/2	53,235	1/2	42,727	1/2	32,112	1/2	21,497	1/2	10,904	1/2	617	1/2	
3/4	84,698	3/4	74,084	3/4	63,469	3/4	53,041	3/4	42,506	3/4	31,891	3/4	21,276	3/4	10,683	3/4	506	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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