



BARGE "DBL 112"

INNAGE 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 INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 7/8'

LENGTH BETWEEN DRAFT MARKS: 160'-06"

December 3, 2015

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

<http://www.pmacorp.net>



BARGE "DBL 112"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-00"

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	27	0	9,321	0	19,921	0	30,543	0	41,165	0	51,787	0	62,410	0	73,032	0	83,653	0	94,271
1/4	64	1/4	9,542	1/4	20,142	1/4	30,764	1/4	41,386	1/4	52,009	1/4	62,631	1/4	73,253	1/4	83,875	1/4	94,492
1/2	101	1/2	9,764	1/2	20,363	1/2	30,985	1/2	41,608	1/2	52,230	1/2	62,852	1/2	73,475	1/2	84,096	1/2	94,713
3/4	138	3/4	9,985	3/4	20,584	3/4	31,207	3/4	41,829	3/4	52,451	3/4	63,074	3/4	73,696	3/4	84,317	3/4	94,934
1	175	1	10,206	1	20,806	1	31,428	1	42,050	1	52,673	1	63,295	1	73,917	1	84,538	1	95,155
1/4	285	1/4	10,428	1/4	21,027	1/4	31,649	1/4	42,272	1/4	52,894	1/4	63,516	1/4	74,138	1/4	84,759	1/4	95,376
1/2	396	1/2	10,649	1/2	21,248	1/2	31,871	1/2	42,493	1/2	53,115	1/2	63,737	1/2	74,360	1/2	84,980	1/2	95,598
3/4	507	3/4	10,870	3/4	21,470	3/4	32,092	3/4	42,714	3/4	53,336	3/4	63,959	3/4	74,581	3/4	85,202	3/4	95,819
2	617	2	11,091	2	21,691	2	32,313	2	42,935	2	53,558	2	64,180	2	74,802	2	85,423	2	96,040
1/4	802	1/4	11,312	1/4	21,912	1/4	32,535	1/4	43,157	1/4	53,779	1/4	64,401	1/4	75,024	1/4	85,644	1/4	96,261
1/2	986	1/2	11,533	1/2	22,134	1/2	32,756	1/2	43,378	1/2	54,000	1/2	64,623	1/2	75,245	1/2	85,865	1/2	96,482
3/4	1,170	3/4	11,754	3/4	22,355	3/4	32,977	3/4	43,599	3/4	54,222	3/4	64,844	3/4	75,466	3/4	86,086	3/4	96,704
3	1,355	3	11,975	3	22,576	3	33,198	3	43,821	3	54,443	3	65,065	3	75,687	3	86,308	3	96,925
1/4	1,576	1/4	12,196	1/4	22,797	1/4	33,420	1/4	44,042	1/4	54,664	1/4	65,287	1/4	75,909	1/4	86,529	1/4	97,146
1/2	1,797	1/2	12,416	1/2	23,019	1/2	33,641	1/2	44,263	1/2	54,886	1/2	65,508	1/2	76,130	1/2	86,750	1/2	97,367
3/4	2,019	3/4	12,637	3/4	23,240	3/4	33,862	3/4	44,485	3/4	55,107	3/4	65,729	3/4	76,351	3/4	86,971	3/4	97,588
4	2,240	4	12,858	4	23,461	4	34,084	4	44,706	4	55,328	4	65,950	4	76,573	4	87,192	4	97,810
1/4	2,461	1/4	13,078	1/4	23,683	1/4	34,305	1/4	44,927	1/4	55,549	1/4	66,172	1/4	76,794	1/4	87,414	1/4	98,031
1/2	2,682	1/2	13,299	1/2	23,904	1/2	34,526	1/2	45,148	1/2	55,771	1/2	66,393	1/2	77,015	1/2	87,635	1/2	98,252
3/4	2,904	3/4	13,520	3/4	24,125	3/4	34,747	3/4	45,370	3/4	55,992	3/4	66,614	3/4	77,237	3/4	87,856	3/4	98,473
5	3,125	5	13,741	5	24,347	5	34,969	5	45,591	5	56,213	5	66,836	5	77,458	5	88,077	5	98,694
1/4	3,346	1/4	13,961	1/4	24,568	1/4	35,190	1/4	45,812	1/4	56,435	1/4	67,057	1/4	77,679	1/4	88,298	1/4	98,916
1/2	3,568	1/2	14,182	1/2	24,789	1/2	35,411	1/2	46,034	1/2	56,656	1/2	67,278	1/2	77,900	1/2	88,520	1/2	99,137
3/4	3,789	3/4	14,403	3/4	25,010	3/4	35,633	3/4	46,255	3/4	56,877	3/4	67,499	3/4	78,122	3/4	88,741	3/4	99,358
6	4,010	6	14,623	6	25,232	6	35,854	6	46,476	6	57,099	6	67,721	6	78,343	6	88,962	6	99,579
1/4	4,232	1/4	14,844	1/4	25,453	1/4	36,075	1/4	46,698	1/4	57,320	1/4	67,942	1/4	78,564	1/4	89,183	1/4	99,800
1/2	4,453	1/2	15,065	1/2	25,674	1/2	36,297	1/2	46,919	1/2	57,541	1/2	68,163	1/2	78,786	1/2	89,404	1/2	100,021
3/4	4,674	3/4	15,285	3/4	25,896	3/4	36,518	3/4	47,140	3/4	57,762	3/4	68,385	3/4	79,007	3/4	89,626	3/4	100,243
7	4,895	7	15,506	7	26,117	7	36,739	7	47,361	7	57,984	7	68,606	7	79,228	7	89,847	7	100,464
1/4	5,117	1/4	15,727	1/4	26,338	1/4	36,960	1/4	47,583	1/4	58,205	1/4	68,827	1/4	79,450	1/4	90,068	1/4	100,685
1/2	5,338	1/2	15,947	1/2	26,559	1/2	37,182	1/2	47,804	1/2	58,426	1/2	69,049	1/2	79,671	1/2	90,289	1/2	100,906
3/4	5,559	3/4	16,168	3/4	26,781	3/4	37,403	3/4	48,025	3/4	58,648	3/4	69,270	3/4	79,892	3/4	90,510	3/4	101,127
8	5,781	8	16,389	8	27,002	8	37,624	8	48,247	8	58,869	8	69,491	8	80,113	8	90,731	8	101,349
1/4	6,002	1/4	16,609	1/4	27,223	1/4	37,846	1/4	48,468	1/4	59,090	1/4	69,712	1/4	80,335	1/4	90,953	1/4	101,570
1/2	6,223	1/2	16,830	1/2	27,445	1/2	38,067	1/2	48,689	1/2	59,311	1/2	69,934	1/2	80,556	1/2	91,174	1/2	101,791
3/4	6,444	3/4	17,051	3/4	27,666	3/4	38,288	3/4	48,911	3/4	59,533	3/4	70,155	3/4	80,777	3/4	91,395	3/4	102,012
9	6,666	9	17,271	9	27,887	9	38,510	9	49,132	9	59,754	9	70,376	9	80,999	9	91,616	9	102,233
1/4	6,887	1/4	17,492	1/4	28,109	1/4	38,731	1/4	49,353	1/4	59,975	1/4	70,598	1/4	81,220	1/4	91,837	1/4	102,455
1/2	7,108	1/2	17,713	1/2	28,330	1/2	38,952	1/2	49,574	1/2	60,197	1/2	70,819	1/2	81,441	1/2	92,059	1/2	102,676
3/4	7,330	3/4	17,933	3/4	28,551	3/4	39,173	3/4	49,796	3/4	60,418	3/4	71,040	3/4	81,663	3/4	92,280	3/4	102,897
10	7,551	10	18,154	10	28,772	10	39,395	10	50,017	10	60,639	10	71,262	10	81,884	10	92,501	10	103,118
1/4	7,772	1/4	18,375	1/4	28,994	1/4	39,616	1/4	50,238	1/4	60,861	1/4	71,483	1/4	82,105	1/4	92,722	1/4	103,339
1/2	7,993	1/2	18,596	1/2	29,215	1/2	39,837	1/2	50,460	1/2	61,082	1/2	71,704	1/2	82,326	1/2	92,943	1/2	103,561
3/4	8,215	3/4	18,816	3/4	29,436	3/4	40,059	3/4	50,681	3/4	61,303	3/4	71,925	3/4	82,547	3/4	93,165	3/4	103,782
11	8,436	11	19,037	11	29,658	11	40,280	11	50,902	11	61,524	11	72,147	11	82,769	11	93,386	11	104,003
1/4	8,657	1/4	19,258	1/4	29,879	1/4	40,501	1/4	51,123	1/4	61,746	1/4	72,368	1/4	82,990	1/4	93,607	1/4	104,224
1/2	8,879	1/2	19,479	1/2	30,100	1/2	40,723	1/2	51,345	1/2	61,967	1/2	72,589	1/2	83,211	1/2	93,828	1/2	104,445
3/4	9,100	3/4	19,700	3/4	30,322	3/4	40,944	3/4	51,566	3/4	62,188	3/4	72,811	3/4	83,432	3/4	94,049	3/4	104,667

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 INNAGE 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
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BARGE "DBL 112"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-00"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,888	0	115,505	0	126,122	0	136,739	0	147,316	0		0		0		0		0	
1/4	105,109	1/4	115,726	1/4	126,343	1/4	136,960	1/4	147,535	1/4		1/4		1/4		1/4		1/4	
1/2	105,330	1/2	115,947	1/2	126,564	1/2	137,182	1/2	147,754	1/2		1/2		1/2		1/2		1/2	
3/4	105,551	3/4	116,168	3/4	126,786	3/4	137,403	3/4	147,973	3/4		3/4		3/4		3/4		3/4	
1	105,772	1	116,390	1	127,007	1	137,624	1	148,192	1		1		1		1		1	
1/4	105,994	1/4	116,611	1/4	127,228	1/4	137,845	1/4	148,411	1/4		1/4		1/4		1/4		1/4	
1/2	106,215	1/2	116,832	1/2	127,449	1/2	138,066	1/2	148,631	1/2		1/2		1/2		1/2		1/2	
3/4	106,436	3/4	117,053	3/4	127,670	3/4	138,288	3/4	148,850	3/4		3/4		3/4		3/4		3/4	
2	106,657	2	117,274	2	127,892	2	138,509	2	149,069	2		2		2		2		2	
1/4	106,878	1/4	117,496	1/4	128,113	1/4	138,730	1/4	149,288	1/4		1/4		1/4		1/4		1/4	
1/2	107,100	1/2	117,717	1/2	128,334	1/2	138,951	1/2	149,507	1/2		1/2		1/2		1/2		1/2	
3/4	107,321	3/4	117,938	3/4	128,555	3/4	139,172	3/4	149,726	3/4		3/4		3/4		3/4		3/4	
3	107,542	3	118,159	3	128,776	3	139,394	3	149,945	3		3		3		3		3	
1/4	107,763	1/4	118,380	1/4	128,998	1/4	139,615	1/4	150,165	1/4		1/4		1/4		1/4		1/4	
1/2	107,984	1/2	118,602	1/2	129,219	1/2	139,836	1/2	150,384	1/2		1/2		1/2		1/2		1/2	
3/4	108,206	3/4	118,823	3/4	129,440	3/4	140,057	3/4	150,603	3/4		3/4		3/4		3/4		3/4	
4	108,427	4	119,044	4	129,661	4	140,278	4	150,822	4		4		4		4		4	
1/4	108,648	1/4	119,265	1/4	129,882	1/4	140,499	1/4	151,041	1/4		1/4		1/4		1/4		1/4	
1/2	108,869	1/2	119,486	1/2	130,103	1/2	140,721	1/2	151,260	1/2		1/2		1/2		1/2		1/2	
3/4	109,090	3/4	119,708	3/4	130,325	3/4	140,942	3/4	151,480	3/4		3/4		3/4		3/4		3/4	
5	109,312	5	119,929	5	130,546	5	141,163	5	151,699	5		5		5		5		5	
1/4	109,533	1/4	120,150	1/4	130,767	1/4	141,384	1/4	151,915	1/4		1/4		1/4		1/4		1/4	
1/2	109,754	1/2	120,371	1/2	130,988	1/2	141,605	1/2	152,131	1/2		1/2		1/2		1/2		1/2	
3/4	109,975	3/4	120,592	3/4	131,209	3/4	141,827	3/4	152,348	3/4		3/4		3/4		3/4		3/4	
6	110,196	6	120,813	6	131,431	6	142,048	6	152,564	6		6		6		6		6	
1/4	110,417	1/4	121,035	1/4	131,652	1/4	142,269	1/4	152,780	1/4		1/4		1/4		1/4		1/4	
1/2	110,639	1/2	121,256	1/2	131,873	1/2	142,490	1/2	152,997	1/2		1/2		1/2		1/2		1/2	
3/4	110,860	3/4	121,477	3/4	132,094	3/4	142,711	3/4	153,213	3/4		3/4		3/4		3/4		3/4	
7	111,081	7	121,698	7	132,315	7	142,933	7	153,429	7		7		7		7		7	
1/4	111,302	1/4	121,919	1/4	132,537	1/4	143,152	1/4	153,646	1/4		1/4		1/4		1/4		1/4	
1/2	111,523	1/2	122,141	1/2	132,758	1/2	143,371	1/2	153,862	1/2		1/2		1/2		1/2		1/2	
3/4	111,745	3/4	122,362	3/4	132,979	3/4	143,590	3/4	154,078	3/4		3/4		3/4		3/4		3/4	
8	111,966	8	122,583	8	133,200	8	143,809	8	154,295	8		8		8		8		8	
1/4	112,187	1/4	122,804	1/4	133,421	1/4	144,028	1/4	154,479	1/4		1/4		1/4		1/4		1/4	
1/2	112,408	1/2	123,025	1/2	133,643	1/2	144,248	1/2	154,664	1/2		1/2		1/2		1/2		1/2	
3/4	112,629	3/4	123,247	3/4	133,864	3/4	144,467	3/4	154,849	3/4		3/4		3/4		3/4		3/4	
9	112,851	9	123,468	9	134,085	9	144,686	9	155,034	9		9		9		9		9	
1/4	113,072	1/4	123,689	1/4	134,306	1/4	144,905	1/4	155,155	1/4		1/4		1/4		1/4		1/4	
1/2	113,293	1/2	123,910	1/2	134,527	1/2	145,124	1/2	155,277	1/2		1/2		1/2		1/2		1/2	
3/4	113,514	3/4	124,131	3/4	134,749	3/4	145,343	3/4	155,398	3/4		3/4		3/4		3/4		3/4	
10	113,735	10	124,353	10	134,970	10	145,562	10	155,520	10		10		10		10		10	
1/4	113,957	1/4	124,574	1/4	135,191	1/4	145,782	1/4	155,583	1/4		1/4		1/4		1/4		1/4	
1/2	114,178	1/2	124,795	1/2	135,412	1/2	146,001	1/2	155,646	1/2		1/2		1/2		1/2		1/2	
3/4	114,399	3/4	125,016	3/4	135,633	3/4	146,220	3/4	155,709	3/4		3/4		3/4		3/4		3/4	
11	114,620	11	125,237	11	135,854	11	146,439	11	155,772	11		11		11		11		11	
1/4	114,841	1/4	125,458	1/4	136,076	1/4	146,658	1/4	155,788	1/4		1/4		1/4		1/4		1/4	
1/2	115,062	1/2	125,680	1/2	136,297	1/2	146,877	1/2	155,804	1/2		1/2		1/2		1/2		1/2	
3/4	115,284	3/4	125,901	3/4	136,518	3/4	147,097	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/03/2015 CL
CALCULATED: 12/03/2015 CL
PRINTED: 12/03/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "DBL 112"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-00 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	27	0	10,556	0	22,267	0	34,304	0	46,340	0	58,376	0	70,413	0	82,449	0	94,484	0	106,515
1/4	69	1/4	10,807	1/4	22,518	1/4	34,554	1/4	46,591	1/4	58,627	1/4	70,663	1/4	82,700	1/4	94,735	1/4	106,766
1/2	111	1/2	11,057	1/2	22,769	1/2	34,805	1/2	46,842	1/2	58,878	1/2	70,914	1/2	82,951	1/2	94,986	1/2	107,016
3/4	153	3/4	11,308	3/4	23,020	3/4	35,056	3/4	47,092	3/4	59,129	3/4	71,165	3/4	83,201	3/4	95,236	3/4	107,267
1	194	1	11,559	1	23,270	1	35,307	1	47,343	1	59,379	1	71,416	1	83,452	1	95,487	1	107,517
1/4	320	1/4	11,802	1/4	23,521	1/4	35,557	1/4	47,594	1/4	59,630	1/4	71,666	1/4	83,703	1/4	95,738	1/4	107,768
1/2	445	1/2	12,045	1/2	23,772	1/2	35,808	1/2	47,845	1/2	59,881	1/2	71,917	1/2	83,954	1/2	95,988	1/2	108,019
3/4	570	3/4	12,288	3/4	24,023	3/4	36,059	3/4	48,095	3/4	60,132	3/4	72,168	3/4	84,204	3/4	96,239	3/4	108,269
2	696	2	12,531	2	24,273	2	36,310	2	48,346	2	60,382	2	72,419	2	84,455	2	96,489	2	108,520
1/4	905	1/4	12,774	1/4	24,524	1/4	36,560	1/4	48,597	1/4	60,633	1/4	72,669	1/4	84,706	1/4	96,740	1/4	108,771
1/2	1,114	1/2	13,017	1/2	24,775	1/2	36,811	1/2	48,848	1/2	60,884	1/2	72,920	1/2	84,957	1/2	96,991	1/2	109,021
3/4	1,323	3/4	13,260	3/4	25,026	3/4	37,062	3/4	49,098	3/4	61,135	3/4	73,171	3/4	85,207	3/4	97,241	3/4	109,272
3	1,531	3	13,503	3	25,276	3	37,313	3	49,349	3	61,385	3	73,422	3	85,458	3	97,492	3	109,523
1/4	1,782	1/4	13,746	1/4	25,527	1/4	37,564	1/4	49,600	1/4	61,636	1/4	73,673	1/4	85,709	1/4	97,743	1/4	109,773
1/2	2,033	1/2	13,988	1/2	25,778	1/2	37,814	1/2	49,851	1/2	61,887	1/2	73,923	1/2	85,960	1/2	97,993	1/2	110,024
3/4	2,284	3/4	14,230	3/4	26,029	3/4	38,065	3/4	50,101	3/4	62,138	3/4	74,174	3/4	86,210	3/4	98,244	3/4	110,274
4	2,534	4	14,473	4	26,279	4	38,316	4	50,352	4	62,388	4	74,425	4	86,461	4	98,495	4	110,525
1/4	2,785	1/4	14,715	1/4	26,530	1/4	38,567	1/4	50,603	1/4	62,639	1/4	74,676	1/4	86,712	1/4	98,745	1/4	110,776
1/2	3,036	1/2	14,958	1/2	26,781	1/2	38,817	1/2	50,854	1/2	62,890	1/2	74,926	1/2	86,963	1/2	98,996	1/2	111,026
3/4	3,287	3/4	15,200	3/4	27,032	3/4	39,068	3/4	51,104	3/4	63,141	3/4	75,177	3/4	87,213	3/4	99,246	3/4	111,277
5	3,537	5	15,443	5	27,282	5	39,319	5	51,355	5	63,391	5	75,428	5	87,464	5	99,497	5	111,528
1/4	3,788	1/4	15,686	1/4	27,533	1/4	39,570	1/4	51,606	1/4	63,642	1/4	75,679	1/4	87,715	1/4	99,748	1/4	111,778
1/2	4,039	1/2	15,928	1/2	27,784	1/2	39,820	1/2	51,857	1/2	63,893	1/2	75,929	1/2	87,966	1/2	99,998	1/2	112,029
3/4	4,290	3/4	16,171	3/4	28,035	3/4	40,071	3/4	52,107	3/4	64,144	3/4	76,180	3/4	88,216	3/4	100,249	3/4	112,280
6	4,540	6	16,413	6	28,285	6	40,322	6	52,358	6	64,395	6	76,431	6	88,467	6	100,500	6	112,530
1/4	4,791	1/4	16,656	1/4	28,536	1/4	40,573	1/4	52,609	1/4	64,645	1/4	76,682	1/4	88,718	1/4	100,750	1/4	112,781
1/2	5,042	1/2	16,898	1/2	28,787	1/2	40,823	1/2	52,860	1/2	64,896	1/2	76,932	1/2	88,969	1/2	101,001	1/2	113,031
3/4	5,293	3/4	17,141	3/4	29,038	3/4	41,074	3/4	53,110	3/4	65,147	3/4	77,183	3/4	89,219	3/4	101,252	3/4	113,282
7	5,543	7	17,383	7	29,289	7	41,325	7	53,361	7	65,398	7	77,434	7	89,470	7	101,502	7	113,533
1/4	5,794	1/4	17,626	1/4	29,539	1/4	41,576	1/4	53,612	1/4	65,648	1/4	77,685	1/4	89,721	1/4	101,753	1/4	113,783
1/2	6,045	1/2	17,869	1/2	29,790	1/2	41,826	1/2	53,863	1/2	65,899	1/2	77,935	1/2	89,972	1/2	102,003	1/2	114,034
3/4	6,296	3/4	18,111	3/4	30,041	3/4	42,077	3/4	54,113	3/4	66,150	3/4	78,186	3/4	90,222	3/4	102,254	3/4	114,285
8	6,546	8	18,354	8	30,292	8	42,328	8	54,364	8	66,401	8	78,437	8	90,473	8	102,505	8	114,535
1/4	6,797	1/4	18,596	1/4	30,542	1/4	42,579	1/4	54,615	1/4	66,651	1/4	78,688	1/4	90,724	1/4	102,755	1/4	114,786
1/2	7,048	1/2	18,839	1/2	30,793	1/2	42,829	1/2	54,866	1/2	66,902	1/2	78,938	1/2	90,975	1/2	103,006	1/2	115,037
3/4	7,298	3/4	19,081	3/4	31,044	3/4	43,080	3/4	55,116	3/4	67,153	3/4	79,189	3/4	91,226	3/4	103,257	3/4	115,287
9	7,549	9	19,324	9	31,295	9	43,331	9	55,367	9	67,404	9	79,440	9	91,476	9	103,507	9	115,538
1/4	7,799	1/4	19,566	1/4	31,545	1/4	43,582	1/4	55,618	1/4	67,654	1/4	79,691	1/4	91,727	1/4	103,758	1/4	115,788
1/2	8,050	1/2	19,809	1/2	31,796	1/2	43,832	1/2	55,869	1/2	67,905	1/2	79,941	1/2	91,978	1/2	104,009	1/2	116,039
3/4	8,301	3/4	20,052	3/4	32,047	3/4	44,083	3/4	56,120	3/4	68,156	3/4	80,192	3/4	92,229	3/4	104,259	3/4	116,290
10	8,551	10	20,294	10	32,298	10	44,334	10	56,370	10	68,407	10	80,443	10	92,479	10	104,510	10	116,540
1/4	8,802	1/4	20,537	1/4	32,548	1/4	44,585	1/4	56,621	1/4	68,657	1/4	80,694	1/4	92,730	1/4	104,760	1/4	116,791
1/2	9,052	1/2	20,779	1/2	32,799	1/2	44,835	1/2	56,872	1/2	68,908	1/2	80,944	1/2	92,981	1/2	105,011	1/2	117,042
3/4	9,303	3/4	21,022	3/4	33,050	3/4	45,086	3/4	57,123	3/4	69,159	3/4	81,195	3/4	93,231	3/4	105,262	3/4	117,292
11	9,554	11	21,264	11	33,301	11	45,337	11	57,373	11	69,410	11	81,446	11	93,482	11	105,512	11	117,543
1/4	9,804	1/4	21,515	1/4	33,551	1/4	45,588	1/4	57,624	1/4	69,660	1/4	81,697	1/4	93,732	1/4	105,763	1/4	117,794
1/2	10,055	1/2	21,766	1/2	33,802	1/2	45,838	1/2	57,875	1/2	69,911	1/2	81,948	1/2	93,983	1/2	106,014	1/2	118,044
3/4	10,306	3/4	22,017	3/4	34,053	3/4	46,089	3/4	58,126	3/4	70,162	3/4	82,198	3/4	94,234	3/4	106,264	3/4	118,295

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 INNAGE 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
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BARGE "DBL 112"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-00 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	118,545	0	130,576	0	142,607	0	154,637	0	166,621	0		0		0		0		0	
1/4	118,796	1/4	130,827	1/4	142,857	1/4	154,888	1/4	166,869	1/4		1/4		1/4		1/4		1/4	
1/2	119,047	1/2	131,077	1/2	143,108	1/2	155,138	1/2	167,118	1/2		1/2		1/2		1/2		1/2	
3/4	119,297	3/4	131,328	3/4	143,358	3/4	155,389	3/4	167,366	3/4		3/4		3/4		3/4		3/4	
1	119,548	1	131,579	1	143,609	1	155,640	1	167,614	1		1		1		1		1	
1/4	119,799	1/4	131,829	1/4	143,860	1/4	155,890	1/4	167,863	1/4		1/4		1/4		1/4		1/4	
1/2	120,049	1/2	132,080	1/2	144,110	1/2	156,141	1/2	168,111	1/2		1/2		1/2		1/2		1/2	
3/4	120,300	3/4	132,330	3/4	144,361	3/4	156,392	3/4	168,359	3/4		3/4		3/4		3/4		3/4	
2	120,551	2	132,581	2	144,612	2	156,642	2	168,608	2		2		2		2		2	
1/4	120,801	1/4	132,832	1/4	144,862	1/4	156,893	1/4	168,856	1/4		1/4		1/4		1/4		1/4	
1/2	121,052	1/2	133,082	1/2	145,113	1/2	157,143	1/2	169,104	1/2		1/2		1/2		1/2		1/2	
3/4	121,302	3/4	133,333	3/4	145,364	3/4	157,394	3/4	169,352	3/4		3/4		3/4		3/4		3/4	
3	121,553	3	133,584	3	145,614	3	157,645	3	169,601	3		3		3		3		3	
1/4	121,804	1/4	133,834	1/4	145,865	1/4	157,895	1/4	169,849	1/4		1/4		1/4		1/4		1/4	
1/2	122,054	1/2	134,085	1/2	146,115	1/2	158,146	1/2	170,097	1/2		1/2		1/2		1/2		1/2	
3/4	122,305	3/4	134,336	3/4	146,366	3/4	158,397	3/4	170,346	3/4		3/4		3/4		3/4		3/4	
4	122,556	4	134,586	4	146,617	4	158,647	4	170,594	4		4		4		4		4	
1/4	122,806	1/4	134,837	1/4	146,867	1/4	158,898	1/4	170,842	1/4		1/4		1/4		1/4		1/4	
1/2	123,057	1/2	135,087	1/2	147,118	1/2	159,149	1/2	171,091	1/2		1/2		1/2		1/2		1/2	
3/4	123,308	3/4	135,338	3/4	147,369	3/4	159,399	3/4	171,339	3/4		3/4		3/4		3/4		3/4	
5	123,558	5	135,589	5	147,619	5	159,650	5	171,587	5		5		5		5		5	
1/4	123,809	1/4	135,839	1/4	147,870	1/4	159,900	1/4	171,832	1/4		1/4		1/4		1/4		1/4	
1/2	124,059	1/2	136,090	1/2	148,121	1/2	160,151	1/2	172,077	1/2		1/2		1/2		1/2		1/2	
3/4	124,310	3/4	136,341	3/4	148,371	3/4	160,402	3/4	172,323	3/4		3/4		3/4		3/4		3/4	
6	124,561	6	136,591	6	148,622	6	160,652	6	172,568	6		6		6		6		6	
1/4	124,811	1/4	136,842	1/4	148,872	1/4	160,903	1/4	172,813	1/4		1/4		1/4		1/4		1/4	
1/2	125,062	1/2	137,093	1/2	149,123	1/2	161,154	1/2	173,058	1/2		1/2		1/2		1/2		1/2	
3/4	125,313	3/4	137,343	3/4	149,374	3/4	161,404	3/4	173,303	3/4		3/4		3/4		3/4		3/4	
7	125,563	7	137,594	7	149,624	7	161,655	7	173,548	7		7		7		7		7	
1/4	125,814	1/4	137,844	1/4	149,875	1/4	161,903	1/4	173,793	1/4		1/4		1/4		1/4		1/4	
1/2	126,065	1/2	138,095	1/2	150,126	1/2	162,152	1/2	174,038	1/2		1/2		1/2		1/2		1/2	
3/4	126,315	3/4	138,346	3/4	150,376	3/4	162,400	3/4	174,283	3/4		3/4		3/4		3/4		3/4	
8	126,566	8	138,596	8	150,627	8	162,648	8	174,529	8		8		8		8		8	
1/4	126,816	1/4	138,847	1/4	150,878	1/4	162,896	1/4	174,738	1/4		1/4		1/4		1/4		1/4	
1/2	127,067	1/2	139,098	1/2	151,128	1/2	163,145	1/2	174,947	1/2		1/2		1/2		1/2		1/2	
3/4	127,318	3/4	139,348	3/4	151,379	3/4	163,393	3/4	175,156	3/4		3/4		3/4		3/4		3/4	
9	127,568	9	139,599	9	151,629	9	163,641	9	175,366	9		9		9		9		9	
1/4	127,819	1/4	139,850	1/4	151,880	1/4	163,890	1/4	175,503	1/4		1/4		1/4		1/4		1/4	
1/2	128,070	1/2	140,100	1/2	152,131	1/2	164,138	1/2	175,641	1/2		1/2		1/2		1/2		1/2	
3/4	128,320	3/4	140,351	3/4	152,381	3/4	164,386	3/4	175,779	3/4		3/4		3/4		3/4		3/4	
10	128,571	10	140,601	10	152,632	10	164,635	10	175,916	10		10		10		10		10	
1/4	128,822	1/4	140,852	1/4	152,883	1/4	164,883	1/4	175,988	1/4		1/4		1/4		1/4		1/4	
1/2	129,072	1/2	141,103	1/2	153,133	1/2	165,131	1/2	176,059	1/2		1/2		1/2		1/2		1/2	
3/4	129,323	3/4	141,353	3/4	153,384	3/4	165,380	3/4	176,131	3/4		3/4		3/4		3/4		3/4	
11	129,573	11	141,604	11	153,635	11	165,628	11	176,203	11		11		11		11		11	
1/4	129,824	1/4	141,855	1/4	153,885	1/4	165,876	1/4	176,221	1/4		1/4		1/4		1/4		1/4	
1/2	130,075	1/2	142,105	1/2	154,136	1/2	166,124	1/2	176,239	1/2		1/2		1/2		1/2		1/2	
3/4	130,325	3/4	142,356	3/4	154,386	3/4	166,373	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/03/2015 CL
CALCULATED: 12/03/2015 CL
PRINTED: 12/03/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 112"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-00"

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	27	0	9,142	0	19,648	0	30,392	0	41,136	0	51,774	0	62,522	0	73,271	0	84,019	0	94,763
1/4	38	1/4	9,366	1/4	19,872	1/4	30,616	1/4	41,357	1/4	51,998	1/4	62,746	1/4	73,495	1/4	84,243	1/4	94,987
1/2	49	1/2	9,590	1/2	20,096	1/2	30,840	1/2	41,578	1/2	52,222	1/2	62,970	1/2	73,719	1/2	84,466	1/2	95,211
3/4	59	3/4	9,814	3/4	20,320	3/4	31,064	3/4	41,798	3/4	52,446	3/4	63,194	3/4	73,943	3/4	84,690	3/4	95,434
1	70	1	10,038	1	20,544	1	31,287	1	42,019	1	52,670	1	63,418	1	74,167	1	84,914	1	95,658
1/4	161	1/4	10,256	1/4	20,767	1/4	31,511	1/4	42,240	1/4	52,893	1/4	63,642	1/4	74,391	1/4	85,138	1/4	95,882
1/2	253	1/2	10,474	1/2	20,991	1/2	31,735	1/2	42,461	1/2	53,117	1/2	63,866	1/2	74,614	1/2	85,362	1/2	96,106
3/4	344	3/4	10,692	3/4	21,215	3/4	31,959	3/4	42,682	3/4	53,341	3/4	64,090	3/4	74,838	3/4	85,586	3/4	96,330
2	436	2	10,910	2	21,439	2	32,183	2	42,903	2	53,565	2	64,314	2	75,062	2	85,809	2	96,554
1/4	608	1/4	11,128	1/4	21,663	1/4	32,407	1/4	43,124	1/4	53,789	1/4	64,538	1/4	75,286	1/4	86,033	1/4	96,777
1/2	780	1/2	11,346	1/2	21,887	1/2	32,630	1/2	43,345	1/2	54,013	1/2	64,762	1/2	75,510	1/2	86,257	1/2	97,001
3/4	952	3/4	11,563	3/4	22,110	3/4	32,854	3/4	43,565	3/4	54,237	3/4	64,986	3/4	75,734	3/4	86,481	3/4	97,225
3	1,125	3	11,781	3	22,334	3	33,078	3	43,786	3	54,461	3	65,210	3	75,958	3	86,705	3	97,449
1/4	1,340	1/4	11,999	1/4	22,558	1/4	33,302	1/4	44,007	1/4	54,685	1/4	65,433	1/4	76,182	1/4	86,929	1/4	97,673
1/2	1,556	1/2	12,217	1/2	22,782	1/2	33,526	1/2	44,228	1/2	54,909	1/2	65,657	1/2	76,406	1/2	87,152	1/2	97,897
3/4	1,771	3/4	12,435	3/4	23,006	3/4	33,750	3/4	44,449	3/4	55,133	3/4	65,881	3/4	76,630	3/4	87,376	3/4	98,120
4	1,987	4	12,652	4	23,230	4	33,973	4	44,670	4	55,357	4	66,105	4	76,854	4	87,600	4	98,344
1/4	2,209	1/4	12,870	1/4	23,453	1/4	34,197	1/4	44,891	1/4	55,581	1/4	66,329	1/4	77,078	1/4	87,824	1/4	98,568
1/2	2,430	1/2	13,088	1/2	23,677	1/2	34,421	1/2	45,111	1/2	55,805	1/2	66,553	1/2	77,302	1/2	88,048	1/2	98,792
3/4	2,652	3/4	13,306	3/4	23,901	3/4	34,645	3/4	45,332	3/4	56,028	3/4	66,777	3/4	77,526	3/4	88,272	3/4	99,016
5	2,873	5	13,524	5	24,125	5	34,869	5	45,553	5	56,252	5	67,001	5	77,749	5	88,495	5	99,240
1/4	3,097	1/4	13,742	1/4	24,349	1/4	35,092	1/4	45,774	1/4	56,476	1/4	67,225	1/4	77,973	1/4	88,719	1/4	99,463
1/2	3,321	1/2	13,960	1/2	24,573	1/2	35,316	1/2	45,995	1/2	56,700	1/2	67,449	1/2	78,197	1/2	88,943	1/2	99,687
3/4	3,545	3/4	14,178	3/4	24,796	3/4	35,540	3/4	46,216	3/4	56,924	3/4	67,673	3/4	78,421	3/4	89,167	3/4	99,911
6	3,769	6	14,395	6	25,020	6	35,764	6	46,437	6	57,148	6	67,897	6	78,645	6	89,391	6	100,135
1/4	3,993	1/4	14,613	1/4	25,244	1/4	35,988	1/4	46,657	1/4	57,372	1/4	68,121	1/4	78,869	1/4	89,615	1/4	100,359
1/2	4,217	1/2	14,831	1/2	25,468	1/2	36,212	1/2	46,878	1/2	57,596	1/2	68,345	1/2	79,093	1/2	89,839	1/2	100,583
3/4	4,441	3/4	15,049	3/4	25,692	3/4	36,435	3/4	47,099	3/4	57,820	3/4	68,568	3/4	79,317	3/4	90,062	3/4	100,807
7	4,665	7	15,267	7	25,915	7	36,659	7	47,320	7	58,044	7	68,792	7	79,541	7	90,286	7	101,030
1/4	4,889	1/4	15,485	1/4	26,139	1/4	36,883	1/4	47,541	1/4	58,268	1/4	69,016	1/4	79,765	1/4	90,510	1/4	101,254
1/2	5,113	1/2	15,703	1/2	26,363	1/2	37,107	1/2	47,762	1/2	58,492	1/2	69,240	1/2	79,989	1/2	90,734	1/2	101,478
3/4	5,337	3/4	15,921	3/4	26,587	3/4	37,331	3/4	47,983	3/4	58,716	3/4	69,464	3/4	80,213	3/4	90,958	3/4	101,702
8	5,561	8	16,138	8	26,811	8	37,555	8	48,204	8	58,940	8	69,688	8	80,437	8	91,182	8	101,926
1/4	5,785	1/4	16,356	1/4	27,035	1/4	37,778	1/4	48,426	1/4	59,163	1/4	69,912	1/4	80,661	1/4	91,405	1/4	102,150
1/2	6,009	1/2	16,574	1/2	27,258	1/2	38,002	1/2	48,648	1/2	59,387	1/2	70,136	1/2	80,884	1/2	91,629	1/2	102,373
3/4	6,232	3/4	16,792	3/4	27,482	3/4	38,226	3/4	48,871	3/4	59,611	3/4	70,360	3/4	81,108	3/4	91,853	3/4	102,597
9	6,456	9	17,010	9	27,706	9	38,450	9	49,093	9	59,835	9	70,584	9	81,332	9	92,077	9	102,821
1/4	6,680	1/4	17,228	1/4	27,930	1/4	38,674	1/4	49,315	1/4	60,059	1/4	70,808	1/4	81,556	1/4	92,301	1/4	103,045
1/2	6,904	1/2	17,446	1/2	28,154	1/2	38,898	1/2	49,538	1/2	60,283	1/2	71,032	1/2	81,780	1/2	92,525	1/2	103,269
3/4	7,128	3/4	17,664	3/4	28,378	3/4	39,121	3/4	49,760	3/4	60,507	3/4	71,256	3/4	82,004	3/4	92,748	3/4	103,493
10	7,352	10	17,881	10	28,601	10	39,345	10	49,982	10	60,731	10	71,480	10	82,228	10	92,972	10	103,716
1/4	7,576	1/4	18,099	1/4	28,825	1/4	39,569	1/4	50,206	1/4	60,955	1/4	71,703	1/4	82,452	1/4	93,196	1/4	103,940
1/2	7,799	1/2	18,317	1/2	29,049	1/2	39,793	1/2	50,430	1/2	61,179	1/2	71,927	1/2	82,676	1/2	93,420	1/2	104,164
3/4	8,023	3/4	18,535	3/4	29,273	3/4	40,017	3/4	50,654	3/4	61,403	3/4	72,151	3/4	82,900	3/4	93,644	3/4	104,388
11	8,247	11	18,753	11	29,497	11	40,241	11	50,878	11	61,627	11	72,375	11	83,123	11	93,868	11	104,612
1/4	8,471	1/4	18,977	1/4	29,721	1/4	40,464	1/4	51,102	1/4	61,851	1/4	72,599	1/4	83,347	1/4	94,091	1/4	104,836
1/2	8,695	1/2	19,201	1/2	29,944	1/2	40,688	1/2	51,326	1/2	62,075	1/2	72,823	1/2	83,571	1/2	94,315	1/2	105,059
3/4	8,919	3/4	19,424	3/4	30,168	3/4	40,912	3/4	51,550	3/4	62,298	3/4	73,047	3/4	83,795	3/4	94,539	3/4	105,283

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 INNAGE 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
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "DBL 112"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-00"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	105,507	0	115,208	0	124,555	0	133,902	0	143,249	0		0							
1/4	105,731	1/4	115,403	1/4	124,750	1/4	134,096	1/4	143,407	1/4		1/4		1/4		1/4		1/4	
1/2	105,955	1/2	115,597	1/2	124,944	1/2	134,291	1/2	143,600	1/2		1/2		1/2		1/2		1/2	
3/4	106,179	3/4	115,792	3/4	125,139	3/4	134,486	3/4	143,793	3/4		3/4		3/4		3/4		3/4	
1	106,402	1	115,987	1	125,334	1	134,681	1	143,986	1		1		1		1		1	
1/4	106,627	1/4	116,181	1/4	125,528	1/4	134,875	1/4	144,179	1/4		1/4		1/4		1/4		1/4	
1/2	106,851	1/2	116,376	1/2	125,723	1/2	135,070	1/2	144,372	1/2		1/2		1/2		1/2		1/2	
3/4	107,076	3/4	116,571	3/4	125,918	3/4	135,265	3/4	144,565	3/4		3/4		3/4		3/4		3/4	
2	107,300	2	116,766	2	126,113	2	135,460	2	144,758	2		2		2		2		2	
1/4	107,524	1/4	116,960	1/4	126,307	1/4	135,654	1/4	144,951	1/4		1/4		1/4		1/4		1/4	
1/2	107,749	1/2	117,155	1/2	126,502	1/2	135,849	1/2	145,144	1/2		1/2		1/2		1/2		1/2	
3/4	107,973	3/4	117,350	3/4	126,697	3/4	136,044	3/4	145,337	3/4		3/4		3/4		3/4		3/4	
3	108,198	3	117,545	3	126,892	3	136,238	3	145,530	3		3		3		3		3	
1/4	108,392	1/4	117,739	1/4	127,086	1/4	136,433	1/4	145,723	1/4		1/4		1/4		1/4		1/4	
1/2	108,587	1/2	117,934	1/2	127,281	1/2	136,628	1/2	145,916	1/2		1/2		1/2		1/2		1/2	
3/4	108,782	3/4	118,129	3/4	127,476	3/4	136,823	3/4	146,108	3/4		3/4		3/4		3/4		3/4	
4	108,977	4	118,323	4	127,670	4	137,017	4	146,301	4		4		4		4		4	
1/4	109,171	1/4	118,518	1/4	127,865	1/4	137,212	1/4	146,494	1/4		1/4		1/4		1/4		1/4	
1/2	109,366	1/2	118,713	1/2	128,060	1/2	137,407	1/2	146,687	1/2		1/2		1/2		1/2		1/2	
3/4	109,561	3/4	118,908	3/4	128,255	3/4	137,602	3/4	146,880	3/4		3/4		3/4		3/4		3/4	
5	109,755	5	119,102	5	128,449	5	137,796	5	147,073	5		5		5		5		5	
1/4	109,950	1/4	119,297	1/4	128,644	1/4	137,991	1/4	147,266	1/4		1/4		1/4		1/4		1/4	
1/2	110,145	1/2	119,492	1/2	128,839	1/2	138,186	1/2	147,454	1/2		1/2		1/2		1/2		1/2	
3/4	110,340	3/4	119,687	3/4	129,034	3/4	138,380	3/4	147,644	3/4		3/4		3/4		3/4		3/4	
6	110,534	6	119,881	6	129,228	6	138,575	6	147,834	6		6		6		6		6	
1/4	110,729	1/4	120,076	1/4	129,423	1/4	138,770	1/4	148,024	1/4		1/4		1/4		1/4		1/4	
1/2	110,924	1/2	120,271	1/2	129,618	1/2	138,965	1/2	148,214	1/2		1/2		1/2		1/2		1/2	
3/4	111,119	3/4	120,465	3/4	129,812	3/4	139,159	3/4	148,404	3/4		3/4		3/4		3/4		3/4	
7	111,313	7	120,660	7	130,007	7	139,354	7	148,594	7		7		7		7		7	
1/4	111,508	1/4	120,855	1/4	130,202	1/4	139,547	1/4	148,784	1/4		1/4		1/4		1/4		1/4	
1/2	111,703	1/2	121,050	1/2	130,397	1/2	139,740	1/2	148,974	1/2		1/2		1/2		1/2		1/2	
3/4	111,897	3/4	121,244	3/4	130,591	3/4	139,933	3/4	149,165	3/4		3/4		3/4		3/4		3/4	
8	112,092	8	121,439	8	130,786	8	140,126	8	149,355	8		8		8		8		8	
1/4	112,287	1/4	121,634	1/4	130,981	1/4	140,319	1/4	149,513	1/4		1/4		1/4		1/4		1/4	
1/2	112,482	1/2	121,829	1/2	131,176	1/2	140,512	1/2	149,671	1/2		1/2		1/2		1/2		1/2	
3/4	112,676	3/4	122,023	3/4	131,370	3/4	140,705	3/4	149,829	3/4		3/4		3/4		3/4		3/4	
9	112,871	9	122,218	9	131,565	9	140,898	9	149,987	9		9		9		9		9	
1/4	113,066	1/4	122,413	1/4	131,760	1/4	141,091	1/4	150,081	1/4		1/4		1/4		1/4		1/4	
1/2	113,261	1/2	122,607	1/2	131,954	1/2	141,284	1/2	150,175	1/2		1/2		1/2		1/2		1/2	
3/4	113,455	3/4	122,802	3/4	132,149	3/4	141,477	3/4	150,269	3/4		3/4		3/4		3/4		3/4	
10	113,650	10	122,997	10	132,344	10	141,670	10	150,362	10		10		10		10		10	
1/4	113,845	1/4	123,192	1/4	132,539	1/4	141,863	1/4	150,427	1/4		1/4		1/4		1/4		1/4	
1/2	114,039	1/2	123,386	1/2	132,733	1/2	142,056	1/2	150,491	1/2		1/2		1/2		1/2		1/2	
3/4	114,234	3/4	123,581	3/4	132,928	3/4	142,249	3/4	150,555	3/4		3/4		3/4		3/4		3/4	
11	114,429	11	123,776	11	133,123	11	142,442	11	150,619	11		11		11		11		11	
1/4	114,624	1/4	123,971	1/4	133,318	1/4	142,635	1/4	150,635	1/4		1/4		1/4		1/4		1/4	
1/2	114,818	1/2	124,165	1/2	133,512	1/2	142,828	1/2	150,651	1/2		1/2		1/2		1/2		1/2	
3/4	115,013	3/4	124,360	3/4	133,707	3/4	143,021	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/03/2015 CL
CALCULATED: 12/03/2015 CL
PRINTED: 12/03/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

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