



BARGE "DBL 103"

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	- 00-0/8	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 - 00-1/8"
 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"

March 21, 2014

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

<http://www.pmacorp.net>



BARGE "DBL 103"

1 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	9,665	0	20,172	0	30,917	0	41,662	0	52,301	0	63,050	0	73,800	0	84,549	0	95,294
1/4	72	1/4	9,889	1/4	20,396	1/4	31,141	1/4	41,883	1/4	52,525	1/4	63,274	1/4	74,024	1/4	84,773	1/4	95,518
1/2	117	1/2	10,113	1/2	20,620	1/2	31,365	1/2	42,104	1/2	52,749	1/2	63,498	1/2	74,248	1/2	84,997	1/2	95,742
3/4	162	3/4	10,337	3/4	20,844	3/4	31,588	3/4	42,324	3/4	52,973	3/4	63,722	3/4	74,472	3/4	85,221	3/4	95,966
1	207	1	10,561	1	21,067	1	31,812	1	42,545	1	53,197	1	63,946	1	74,696	1	85,444	1	96,190
1/4	342	1/4	10,779	1/4	21,291	1/4	32,036	1/4	42,766	1/4	53,421	1/4	64,170	1/4	74,920	1/4	85,668	1/4	96,414
1/2	476	1/2	10,996	1/2	21,515	1/2	32,260	1/2	42,987	1/2	53,644	1/2	64,394	1/2	75,144	1/2	85,892	1/2	96,637
3/4	611	3/4	11,214	3/4	21,739	3/4	32,484	3/4	43,208	3/4	53,868	3/4	64,618	3/4	75,368	3/4	86,116	3/4	96,861
2	746	2	11,432	2	21,963	2	32,708	2	43,429	2	54,092	2	64,842	2	75,592	2	86,340	2	97,085
1/4	959	1/4	11,650	1/4	22,187	1/4	32,932	1/4	43,650	1/4	54,316	1/4	65,066	1/4	75,816	1/4	86,564	1/4	97,309
1/2	1,172	1/2	11,868	1/2	22,410	1/2	33,155	1/2	43,871	1/2	54,540	1/2	65,290	1/2	76,040	1/2	86,788	1/2	97,533
3/4	1,386	3/4	12,086	3/4	22,634	3/4	33,379	3/4	44,092	3/4	54,764	3/4	65,514	3/4	76,264	3/4	87,011	3/4	97,757
3	1,599	3	12,304	3	22,858	3	33,603	3	44,312	3	54,988	3	65,738	3	76,487	3	87,235	3	97,981
1/4	1,824	1/4	12,522	1/4	23,082	1/4	33,827	1/4	44,533	1/4	55,212	1/4	65,962	1/4	76,711	1/4	87,459	1/4	98,204
1/2	2,048	1/2	12,740	1/2	23,306	1/2	34,051	1/2	44,754	1/2	55,436	1/2	66,186	1/2	76,935	1/2	87,683	1/2	98,428
3/4	2,273	3/4	12,958	3/4	23,530	3/4	34,275	3/4	44,975	3/4	55,660	3/4	66,410	3/4	77,159	3/4	87,907	3/4	98,652
4	2,497	4	13,175	4	23,754	4	34,498	4	45,196	4	55,884	4	66,634	4	77,383	4	88,131	4	98,876
1/4	2,722	1/4	13,393	1/4	23,977	1/4	34,722	1/4	45,417	1/4	56,108	1/4	66,858	1/4	77,607	1/4	88,355	1/4	99,100
1/2	2,946	1/2	13,611	1/2	24,201	1/2	34,946	1/2	45,638	1/2	56,332	1/2	67,082	1/2	77,831	1/2	88,578	1/2	99,324
3/4	3,171	3/4	13,829	3/4	24,425	3/4	35,170	3/4	45,859	3/4	56,556	3/4	67,305	3/4	78,055	3/4	88,802	3/4	99,548
5	3,395	5	14,047	5	24,649	5	35,394	5	46,080	5	56,780	5	67,529	5	78,279	5	89,026	5	99,771
1/4	3,619	1/4	14,265	1/4	24,873	1/4	35,618	1/4	46,300	1/4	57,004	1/4	67,753	1/4	78,503	1/4	89,250	1/4	99,995
1/2	3,843	1/2	14,483	1/2	25,097	1/2	35,842	1/2	46,521	1/2	57,228	1/2	67,977	1/2	78,727	1/2	89,474	1/2	100,219
3/4	4,067	3/4	14,701	3/4	25,321	3/4	36,065	3/4	46,742	3/4	57,452	3/4	68,201	3/4	78,951	3/4	89,698	3/4	100,443
6	4,291	6	14,919	6	25,544	6	36,289	6	46,963	6	57,676	6	68,425	6	79,175	6	89,922	6	100,667
1/4	4,515	1/4	15,136	1/4	25,768	1/4	36,513	1/4	47,184	1/4	57,900	1/4	68,649	1/4	79,399	1/4	90,145	1/4	100,891
1/2	4,739	1/2	15,354	1/2	25,992	1/2	36,737	1/2	47,405	1/2	58,124	1/2	68,873	1/2	79,623	1/2	90,369	1/2	101,115
3/4	4,963	3/4	15,572	3/4	26,216	3/4	36,961	3/4	47,626	3/4	58,347	3/4	69,097	3/4	79,847	3/4	90,593	3/4	101,338
7	5,187	7	15,790	7	26,440	7	37,185	7	47,847	7	58,571	7	69,321	7	80,071	7	90,817	7	101,562
1/4	5,411	1/4	16,008	1/4	26,664	1/4	37,409	1/4	48,067	1/4	58,795	1/4	69,545	1/4	80,295	1/4	91,041	1/4	101,786
1/2	5,635	1/2	16,226	1/2	26,888	1/2	37,632	1/2	48,288	1/2	59,019	1/2	69,769	1/2	80,519	1/2	91,265	1/2	102,010
3/4	5,859	3/4	16,444	3/4	27,111	3/4	37,856	3/4	48,509	3/4	59,243	3/4	69,993	3/4	80,743	3/4	91,489	3/4	102,234
8	6,083	8	16,662	8	27,335	8	38,080	8	48,730	8	59,467	8	70,217	8	80,967	8	91,712	8	102,458
1/4	6,307	1/4	16,880	1/4	27,559	1/4	38,304	1/4	48,953	1/4	59,691	1/4	70,441	1/4	81,190	1/4	91,936	1/4	102,682
1/2	6,531	1/2	17,098	1/2	27,783	1/2	38,528	1/2	49,175	1/2	59,915	1/2	70,665	1/2	81,414	1/2	92,160	1/2	102,905
3/4	6,755	3/4	17,315	3/4	28,007	3/4	38,752	3/4	49,397	3/4	60,139	3/4	70,889	3/4	81,638	3/4	92,384	3/4	103,129
9	6,979	9	17,533	9	28,231	9	38,976	9	49,620	9	60,363	9	71,113	9	81,862	9	92,608	9	103,353
1/4	7,203	1/4	17,751	1/4	28,454	1/4	39,199	1/4	49,842	1/4	60,587	1/4	71,337	1/4	82,086	1/4	92,832	1/4	103,577
1/2	7,426	1/2	17,969	1/2	28,678	1/2	39,423	1/2	50,064	1/2	60,811	1/2	71,561	1/2	82,310	1/2	93,056	1/2	103,801
3/4	7,650	3/4	18,187	3/4	28,902	3/4	39,647	3/4	50,287	3/4	61,035	3/4	71,785	3/4	82,534	3/4	93,280	3/4	104,025
10	7,874	10	18,405	10	29,126	10	39,871	10	50,509	10	61,259	10	72,008	10	82,758	10	93,503	10	104,249
1/4	8,098	1/4	18,623	1/4	29,350	1/4	40,095	1/4	50,733	1/4	61,483	1/4	72,232	1/4	82,982	1/4	93,727	1/4	104,472
1/2	8,322	1/2	18,841	1/2	29,574	1/2	40,319	1/2	50,957	1/2	61,707	1/2	72,456	1/2	83,206	1/2	93,951	1/2	104,696
3/4	8,546	3/4	19,059	3/4	29,798	3/4	40,543	3/4	51,181	3/4	61,931	3/4	72,680	3/4	83,430	3/4	94,175	3/4	104,920
11	8,770	11	19,277	11	30,021	11	40,766	11	51,405	11	62,155	11	72,904	11	83,654	11	94,399	11	105,144
1/4	8,993	1/4	19,500	1/4	30,245	1/4	40,990	1/4	51,629	1/4	62,379	1/4	73,128	1/4	83,877	1/4	94,623	1/4	105,368
1/2	9,217	1/2	19,724	1/2	30,469	1/2	41,214	1/2	51,853	1/2	62,603	1/2	73,352	1/2	84,101	1/2	94,847	1/2	105,592
3/4	9,441	3/4	19,948	3/4	30,693	3/4	41,438	3/4	52,077	3/4	62,826	3/4	73,576	3/4	84,325	3/4	95,070	3/4	105,816

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
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BARGE "DBL 103"

1 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	106,039	0	115,815	0	125,262	0	134,708	0	144,120	0		0		0		0		0	
1/4	106,263	1/4	116,012	1/4	125,458	1/4	134,905	1/4	144,315	1/4		1/4		1/4		1/4		1/4	
1/2	106,487	1/2	116,209	1/2	125,655	1/2	135,102	1/2	144,510	1/2		1/2		1/2		1/2		1/2	
3/4	106,711	3/4	116,406	3/4	125,852	3/4	135,299	3/4	144,705	3/4		3/4		3/4		3/4		3/4	
1	106,935	1	116,602	1	126,049	1	135,495	1	144,900	1		1		1		1		1	
1/4	107,159	1/4	116,799	1/4	126,246	1/4	135,692	1/4	145,095	1/4		1/4		1/4		1/4		1/4	
1/2	107,384	1/2	116,996	1/2	126,442	1/2	135,889	1/2	145,290	1/2		1/2		1/2		1/2		1/2	
3/4	107,608	3/4	117,193	3/4	126,639	3/4	136,086	3/4	145,485	3/4		3/4		3/4		3/4		3/4	
2	107,833	2	117,390	2	126,836	2	136,283	2	145,680	2		2		2		2		2	
1/4	108,057	1/4	117,586	1/4	127,033	1/4	136,479	1/4	145,875	1/4		1/4		1/4		1/4		1/4	
1/2	108,281	1/2	117,783	1/2	127,230	1/2	136,676	1/2	146,070	1/2		1/2		1/2		1/2		1/2	
3/4	108,506	3/4	117,980	3/4	127,426	3/4	136,873	3/4	146,265	3/4		3/4		3/4		3/4		3/4	
3	108,730	3	118,177	3	127,623	3	137,070	3	146,460	3		3		3		3		3	
1/4	108,927	1/4	118,374	1/4	127,820	1/4	137,267	1/4	146,655	1/4		1/4		1/4		1/4		1/4	
1/2	109,124	1/2	118,570	1/2	128,017	1/2	137,463	1/2	146,851	1/2		1/2		1/2		1/2		1/2	
3/4	109,321	3/4	118,767	3/4	128,214	3/4	137,660	3/4	147,046	3/4		3/4		3/4		3/4		3/4	
4	109,517	4	118,964	4	128,410	4	137,857	4	147,241	4		4		4		4		4	
1/4	109,714	1/4	119,161	1/4	128,607	1/4	138,054	1/4	147,436	1/4		1/4		1/4		1/4		1/4	
1/2	109,911	1/2	119,358	1/2	128,804	1/2	138,251	1/2	147,631	1/2		1/2		1/2		1/2		1/2	
3/4	110,108	3/4	119,554	3/4	129,001	3/4	138,447	3/4	147,826	3/4		3/4		3/4		3/4		3/4	
5	110,305	5	119,751	5	129,198	5	138,644	5	148,021	5		5		5		5		5	
1/4	110,502	1/4	119,948	1/4	129,395	1/4	138,841	1/4	148,213	1/4		1/4		1/4		1/4		1/4	
1/2	110,698	1/2	120,145	1/2	129,591	1/2	139,038	1/2	148,405	1/2		1/2		1/2		1/2		1/2	
3/4	110,895	3/4	120,342	3/4	129,788	3/4	139,235	3/4	148,597	3/4		3/4		3/4		3/4		3/4	
6	111,092	6	120,538	6	129,985	6	139,431	6	148,790	6		6		6		6		6	
1/4	111,289	1/4	120,735	1/4	130,182	1/4	139,628	1/4	148,982	1/4		1/4		1/4		1/4		1/4	
1/2	111,486	1/2	120,932	1/2	130,379	1/2	139,825	1/2	149,174	1/2		1/2		1/2		1/2		1/2	
3/4	111,682	3/4	121,129	3/4	130,575	3/4	140,022	3/4	149,366	3/4		3/4		3/4		3/4		3/4	
7	111,879	7	121,326	7	130,772	7	140,219	7	149,558	7		7		7		7		7	
1/4	112,076	1/4	121,522	1/4	130,969	1/4	140,414	1/4	149,751	1/4		1/4		1/4		1/4		1/4	
1/2	112,273	1/2	121,719	1/2	131,166	1/2	140,609	1/2	149,943	1/2		1/2		1/2		1/2		1/2	
3/4	112,470	3/4	121,916	3/4	131,363	3/4	140,804	3/4	150,135	3/4		3/4		3/4		3/4		3/4	
8	112,666	8	122,113	8	131,559	8	140,999	8	150,327	8		8		8		8		8	
1/4	112,863	1/4	122,310	1/4	131,756	1/4	141,194	1/4	150,519	1/4		1/4		1/4		1/4		1/4	
1/2	113,060	1/2	122,506	1/2	131,953	1/2	141,389	1/2	150,711	1/2		1/2		1/2		1/2		1/2	
3/4	113,257	3/4	122,703	3/4	132,150	3/4	141,584	3/4	150,904	3/4		3/4		3/4		3/4		3/4	
9	113,454	9	122,900	9	132,347	9	141,779	9	151,096	9		9		9		9		9	
1/4	113,650	1/4	123,097	1/4	132,543	1/4	141,974	1/4	151,198	1/4		1/4		1/4		1/4		1/4	
1/2	113,847	1/2	123,294	1/2	132,740	1/2	142,169	1/2	151,301	1/2		1/2		1/2		1/2		1/2	
3/4	114,044	3/4	123,490	3/4	132,937	3/4	142,364	3/4	151,403	3/4		3/4		3/4		3/4		3/4	
10	114,241	10	123,687	10	133,134	10	142,559	10	151,505	10		10		10		10		10	
1/4	114,438	1/4	123,884	1/4	133,331	1/4	142,754	1/4	151,550	1/4		1/4		1/4		1/4		1/4	
1/2	114,634	1/2	124,081	1/2	133,527	1/2	142,949	1/2	151,595	1/2		1/2		1/2		1/2		1/2	
3/4	114,831	3/4	124,278	3/4	133,724	3/4	143,144	3/4	151,640	3/4		3/4		3/4		3/4		3/4	
11	115,028	11	124,474	11	133,921	11	143,340	11	151,685	11		11		11		11		11	
1/4	115,225	1/4	124,671	1/4	134,118	1/4	143,535	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,422	1/2	124,868	1/2	134,315	1/2	143,730	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,618	3/4	125,065	3/4	134,511	3/4	143,925	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2014 SW
CALCULATED: 03/21/2014 CL
PRINTED: 03/21/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 103"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-00 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	27	0	10,807	0	22,517	0	34,552	0	46,588	0	58,623	0	70,659	0	82,694	0	94,729	0	106,758
1/4	77	1/4	11,057	1/4	22,768	1/4	34,803	1/4	46,839	1/4	58,874	1/4	70,910	1/4	82,945	1/4	94,979	1/4	107,009
1/2	128	1/2	11,308	1/2	23,018	1/2	35,054	1/2	47,089	1/2	59,125	1/2	71,160	1/2	83,196	1/2	95,230	1/2	107,260
3/4	178	3/4	11,558	3/4	23,269	3/4	35,305	3/4	47,340	3/4	59,376	3/4	71,411	3/4	83,446	3/4	95,481	3/4	107,510
1	228	1	11,809	1	23,520	1	35,555	1	47,591	1	59,626	1	71,662	1	83,697	1	95,731	1	107,761
1/4	378	1/4	12,052	1/4	23,771	1/4	35,806	1/4	47,842	1/4	59,877	1/4	71,912	1/4	83,948	1/4	95,982	1/4	108,011
1/2	529	1/2	12,295	1/2	24,021	1/2	36,057	1/2	48,092	1/2	60,128	1/2	72,163	1/2	84,199	1/2	96,232	1/2	108,262
3/4	679	3/4	12,538	3/4	24,272	3/4	36,308	3/4	48,343	3/4	60,378	3/4	72,414	3/4	84,449	3/4	96,483	3/4	108,513
2	830	2	12,781	2	24,523	2	36,558	2	48,594	2	60,629	2	72,665	2	84,700	2	96,734	2	108,763
1/4	1,068	1/4	13,024	1/4	24,774	1/4	36,809	1/4	48,845	1/4	60,880	1/4	72,915	1/4	84,951	1/4	96,984	1/4	109,014
1/2	1,306	1/2	13,267	1/2	25,024	1/2	37,060	1/2	49,095	1/2	61,131	1/2	73,166	1/2	85,202	1/2	97,235	1/2	109,265
3/4	1,544	3/4	13,510	3/4	25,275	3/4	37,311	3/4	49,346	3/4	61,381	3/4	73,417	3/4	85,452	3/4	97,486	3/4	109,515
3	1,783	3	13,753	3	25,526	3	37,561	3	49,597	3	61,632	3	73,668	3	85,703	3	97,736	3	109,766
1/4	2,033	1/4	13,996	1/4	25,777	1/4	37,812	1/4	49,847	1/4	61,883	1/4	73,918	1/4	85,954	1/4	97,987	1/4	110,016
1/2	2,284	1/2	14,238	1/2	26,027	1/2	38,063	1/2	50,098	1/2	62,134	1/2	74,169	1/2	86,205	1/2	98,237	1/2	110,267
3/4	2,535	3/4	14,481	3/4	26,278	3/4	38,313	3/4	50,349	3/4	62,384	3/4	74,420	3/4	86,455	3/4	98,488	3/4	110,518
4	2,786	4	14,723	4	26,529	4	38,564	4	50,600	4	62,635	4	74,671	4	86,706	4	98,739	4	110,768
1/4	3,036	1/4	14,966	1/4	26,780	1/4	38,815	1/4	50,850	1/4	62,886	1/4	74,921	1/4	86,957	1/4	98,989	1/4	111,019
1/2	3,287	1/2	15,208	1/2	27,030	1/2	39,066	1/2	51,101	1/2	63,137	1/2	75,172	1/2	87,208	1/2	99,240	1/2	111,270
3/4	3,538	3/4	15,451	3/4	27,281	3/4	39,316	3/4	51,352	3/4	63,387	3/4	75,423	3/4	87,458	3/4	99,490	3/4	111,520
5	3,788	5	15,693	5	27,532	5	39,567	5	51,603	5	63,638	5	75,674	5	87,709	5	99,741	5	111,771
1/4	4,039	1/4	15,936	1/4	27,782	1/4	39,818	1/4	51,853	1/4	63,889	1/4	75,924	1/4	87,960	1/4	99,992	1/4	112,021
1/2	4,290	1/2	16,178	1/2	28,033	1/2	40,069	1/2	52,104	1/2	64,140	1/2	76,175	1/2	88,210	1/2	100,242	1/2	112,272
3/4	4,541	3/4	16,421	3/4	28,284	3/4	40,319	3/4	52,355	3/4	64,390	3/4	76,426	3/4	88,461	3/4	100,493	3/4	112,523
6	4,791	6	16,663	6	28,535	6	40,570	6	52,606	6	64,641	6	76,677	6	88,712	6	100,744	6	112,773
1/4	5,042	1/4	16,906	1/4	28,785	1/4	40,821	1/4	52,856	1/4	64,892	1/4	76,927	1/4	88,963	1/4	100,994	1/4	113,024
1/2	5,293	1/2	17,148	1/2	29,036	1/2	41,072	1/2	53,107	1/2	65,143	1/2	77,178	1/2	89,213	1/2	101,245	1/2	113,274
3/4	5,544	3/4	17,391	3/4	29,287	3/4	41,322	3/4	53,358	3/4	65,393	3/4	77,429	3/4	89,464	3/4	101,495	3/4	113,525
7	5,794	7	17,633	7	29,538	7	41,573	7	53,609	7	65,644	7	77,679	7	89,715	7	101,746	7	113,776
1/4	6,045	1/4	17,876	1/4	29,788	1/4	41,824	1/4	53,859	1/4	65,895	1/4	77,930	1/4	89,966	1/4	101,997	1/4	114,026
1/2	6,296	1/2	18,118	1/2	30,039	1/2	42,075	1/2	54,110	1/2	66,145	1/2	78,181	1/2	90,216	1/2	102,247	1/2	114,277
3/4	6,547	3/4	18,361	3/4	30,290	3/4	42,325	3/4	54,361	3/4	66,396	3/4	78,432	3/4	90,467	3/4	102,498	3/4	114,528
8	6,797	8	18,604	8	30,541	8	42,576	8	54,611	8	66,647	8	78,682	8	90,718	8	102,748	8	114,778
1/4	7,048	1/4	18,846	1/4	30,791	1/4	42,827	1/4	54,862	1/4	66,898	1/4	78,933	1/4	90,969	1/4	102,999	1/4	115,029
1/2	7,298	1/2	19,089	1/2	31,042	1/2	43,078	1/2	55,113	1/2	67,148	1/2	79,184	1/2	91,219	1/2	103,250	1/2	115,279
3/4	7,549	3/4	19,331	3/4	31,293	3/4	43,328	3/4	55,364	3/4	67,399	3/4	79,435	3/4	91,470	3/4	103,500	3/4	115,530
9	7,800	9	19,574	9	31,544	9	43,579	9	55,614	9	67,650	9	79,685	9	91,721	9	103,751	9	115,781
1/4	8,050	1/4	19,816	1/4	31,794	1/4	43,830	1/4	55,865	1/4	67,901	1/4	79,936	1/4	91,972	1/4	104,002	1/4	116,031
1/2	8,301	1/2	20,059	1/2	32,045	1/2	44,080	1/2	56,116	1/2	68,151	1/2	80,187	1/2	92,222	1/2	104,252	1/2	116,282
3/4	8,551	3/4	20,301	3/4	32,296	3/4	44,331	3/4	56,367	3/4	68,402	3/4	80,438	3/4	92,473	3/4	104,503	3/4	116,532
10	8,802	10	20,544	10	32,546	10	44,582	10	56,617	10	68,653	10	80,688	10	92,724	10	104,753	10	116,783
1/4	9,053	1/4	20,786	1/4	32,797	1/4	44,833	1/4	56,868	1/4	68,904	1/4	80,939	1/4	92,974	1/4	105,004	1/4	117,034
1/2	9,303	1/2	21,029	1/2	33,048	1/2	45,083	1/2	57,119	1/2	69,154	1/2	81,190	1/2	93,225	1/2	105,255	1/2	117,284
3/4	9,554	3/4	21,271	3/4	33,299	3/4	45,334	3/4	57,370	3/4	69,405	3/4	81,441	3/4	93,476	3/4	105,505	3/4	117,535
11	9,804	11	21,514	11	33,549	11	45,585	11	57,620	11	69,656	11	81,691	11	93,726	11	105,756	11	117,786
1/4	10,055	1/4	21,765	1/4	33,800	1/4	45,836	1/4	57,871	1/4	69,907	1/4	81,942	1/4	93,977	1/4	106,007	1/4	118,036
1/2	10,305	1/2	22,015	1/2	34,051	1/2	46,086	1/2	58,122	1/2	70,157	1/2	82,193	1/2	94,227	1/2	106,257	1/2	118,287
3/4	10,556	3/4	22,266	3/4	34,302	3/4	46,337	3/4	58,373	3/4	70,408	3/4	82,443	3/4	94,478	3/4	106,508	3/4	118,537

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'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "DBL 103"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 19'-00 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	118,788	0	130,818	0	142,847	0	154,877	0	166,860	0		0		0		0		0	
1/4	119,039	1/4	131,068	1/4	143,098	1/4	155,128	1/4	167,108	1/4		1/4		1/4		1/4		1/4	
1/2	119,289	1/2	131,319	1/2	143,349	1/2	155,378	1/2	167,357	1/2		1/2		1/2		1/2		1/2	
3/4	119,540	3/4	131,570	3/4	143,599	3/4	155,629	3/4	167,605	3/4		3/4		3/4		3/4		3/4	
1	119,791	1	131,820	1	143,850	1	155,880	1	167,853	1		1		1		1		1	
1/4	120,041	1/4	132,071	1/4	144,100	1/4	156,130	1/4	168,102	1/4		1/4		1/4		1/4		1/4	
1/2	120,292	1/2	132,321	1/2	144,351	1/2	156,381	1/2	168,350	1/2		1/2		1/2		1/2		1/2	
3/4	120,542	3/4	132,572	3/4	144,602	3/4	156,631	3/4	168,598	3/4		3/4		3/4		3/4		3/4	
2	120,793	2	132,823	2	144,852	2	156,882	2	168,846	2		2		2		2		2	
1/4	121,044	1/4	133,073	1/4	145,103	1/4	157,133	1/4	169,095	1/4		1/4		1/4		1/4		1/4	
1/2	121,294	1/2	133,324	1/2	145,354	1/2	157,383	1/2	169,343	1/2		1/2		1/2		1/2		1/2	
3/4	121,545	3/4	133,575	3/4	145,604	3/4	157,634	3/4	169,591	3/4		3/4		3/4		3/4		3/4	
3	121,795	3	133,825	3	145,855	3	157,884	3	169,840	3		3		3		3		3	
1/4	122,046	1/4	134,076	1/4	146,105	1/4	158,135	1/4	170,088	1/4		1/4		1/4		1/4		1/4	
1/2	122,297	1/2	134,326	1/2	146,356	1/2	158,386	1/2	170,336	1/2		1/2		1/2		1/2		1/2	
3/4	122,547	3/4	134,577	3/4	146,607	3/4	158,636	3/4	170,584	3/4		3/4		3/4		3/4		3/4	
4	122,798	4	134,828	4	146,857	4	158,887	4	170,833	4		4		4		4		4	
1/4	123,049	1/4	135,078	1/4	147,108	1/4	159,138	1/4	171,081	1/4		1/4		1/4		1/4		1/4	
1/2	123,299	1/2	135,329	1/2	147,359	1/2	159,388	1/2	171,329	1/2		1/2		1/2		1/2		1/2	
3/4	123,550	3/4	135,579	3/4	147,609	3/4	159,639	3/4	171,578	3/4		3/4		3/4		3/4		3/4	
5	123,800	5	135,830	5	147,860	5	159,889	5	171,826	5		5		5		5		5	
1/4	124,051	1/4	136,081	1/4	148,110	1/4	160,140	1/4	172,071	1/4		1/4		1/4		1/4		1/4	
1/2	124,302	1/2	136,331	1/2	148,361	1/2	160,391	1/2	172,316	1/2		1/2		1/2		1/2		1/2	
3/4	124,552	3/4	136,582	3/4	148,612	3/4	160,641	3/4	172,561	3/4		3/4		3/4		3/4		3/4	
6	124,803	6	136,833	6	148,862	6	160,892	6	172,806	6		6		6		6		6	
1/4	125,054	1/4	137,083	1/4	149,113	1/4	161,142	1/4	173,051	1/4		1/4		1/4		1/4		1/4	
1/2	125,304	1/2	137,334	1/2	149,363	1/2	161,393	1/2	173,296	1/2		1/2		1/2		1/2		1/2	
3/4	125,555	3/4	137,584	3/4	149,614	3/4	161,644	3/4	173,542	3/4		3/4		3/4		3/4		3/4	
7	125,805	7	137,835	7	149,865	7	161,894	7	173,787	7		7		7		7		7	
1/4	126,056	1/4	138,086	1/4	150,115	1/4	162,143	1/4	174,032	1/4		1/4		1/4		1/4		1/4	
1/2	126,307	1/2	138,336	1/2	150,366	1/2	162,391	1/2	174,277	1/2		1/2		1/2		1/2		1/2	
3/4	126,557	3/4	138,587	3/4	150,617	3/4	162,639	3/4	174,522	3/4		3/4		3/4		3/4		3/4	
8	126,808	8	138,837	8	150,867	8	162,888	8	174,767	8		8		8		8		8	
1/4	127,058	1/4	139,088	1/4	151,118	1/4	163,136	1/4	175,012	1/4		1/4		1/4		1/4		1/4	
1/2	127,309	1/2	139,339	1/2	151,368	1/2	163,384	1/2	175,257	1/2		1/2		1/2		1/2		1/2	
3/4	127,560	3/4	139,589	3/4	151,619	3/4	163,632	3/4	175,502	3/4		3/4		3/4		3/4		3/4	
9	127,810	9	139,840	9	151,870	9	163,881	9	175,747	9		9		9		9		9	
1/4	128,061	1/4	140,091	1/4	152,120	1/4	164,129	1/4	175,992	1/4		1/4		1/4		1/4		1/4	
1/2	128,312	1/2	140,341	1/2	152,371	1/2	164,377	1/2	176,037	1/2		1/2		1/2		1/2		1/2	
3/4	128,562	3/4	140,592	3/4	152,621	3/4	164,626	3/4	176,182	3/4		3/4		3/4		3/4		3/4	
10	128,813	10	140,842	10	152,872	10	164,874	10	176,327	10		10		10		10		10	
1/4	129,063	1/4	141,093	1/4	153,123	1/4	165,122	1/4	176,377	1/4		1/4		1/4		1/4		1/4	
1/2	129,314	1/2	141,344	1/2	153,373	1/2	165,370	1/2	176,427	1/2		1/2		1/2		1/2		1/2	
3/4	129,565	3/4	141,594	3/4	153,624	3/4	165,619	3/4	176,477	3/4		3/4		3/4		3/4		3/4	
11	129,815	11	141,845	11	153,875	11	165,867	11	176,527	11		11		11		11		11	
1/4	130,066	1/4	142,096	1/4	154,125	1/4	166,115	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	130,316	1/2	142,346	1/2	154,376	1/2	166,364	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	130,567	3/4	142,597	3/4	154,626	3/4	166,612	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2014 SW
CALCULATED: 03/21/2014 CL
PRINTED: 03/21/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 103"

3 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	9,544	0	20,145	0	30,768	0	41,392	0	52,015	0	62,639	0	73,262	0	83,885	0	94,503
1/4	71	1/4	9,765	1/4	20,366	1/4	30,989	1/4	41,613	1/4	52,236	1/4	62,860	1/4	73,483	1/4	84,106	1/4	94,724
1/2	116	1/2	9,987	1/2	20,587	1/2	31,211	1/2	41,834	1/2	52,458	1/2	63,081	1/2	73,705	1/2	84,327	1/2	94,945
3/4	160	3/4	10,208	3/4	20,809	3/4	31,432	3/4	42,056	3/4	52,679	3/4	63,302	3/4	73,926	3/4	84,548	3/4	95,167
1	204	1	10,429	1	21,030	1	31,653	1	42,277	1	52,900	1	63,524	1	74,147	1	84,769	1	95,388
1/4	337	1/4	10,651	1/4	21,251	1/4	31,875	1/4	42,498	1/4	53,122	1/4	63,745	1/4	74,369	1/4	84,991	1/4	95,609
1/2	470	1/2	10,872	1/2	21,473	1/2	32,096	1/2	42,720	1/2	53,343	1/2	63,966	1/2	74,590	1/2	85,212	1/2	95,830
3/4	603	3/4	11,093	3/4	21,694	3/4	32,317	3/4	42,941	3/4	53,564	3/4	64,188	3/4	74,811	3/4	85,433	3/4	96,052
2	735	2	11,314	2	21,915	2	32,539	2	43,162	2	53,786	2	64,409	2	75,033	2	85,654	2	96,273
1/4	946	1/4	11,535	1/4	22,137	1/4	32,760	1/4	43,383	1/4	54,007	1/4	64,630	1/4	75,254	1/4	85,876	1/4	96,494
1/2	1,156	1/2	11,756	1/2	22,358	1/2	32,981	1/2	43,605	1/2	54,228	1/2	64,852	1/2	75,475	1/2	86,097	1/2	96,715
3/4	1,366	3/4	11,977	3/4	22,579	3/4	33,203	3/4	43,826	3/4	54,450	3/4	65,073	3/4	75,697	3/4	86,318	3/4	96,936
3	1,577	3	12,198	3	22,800	3	33,424	3	44,047	3	54,671	3	65,294	3	75,918	3	86,539	3	97,158
1/4	1,798	1/4	12,419	1/4	23,022	1/4	33,645	1/4	44,269	1/4	54,892	1/4	65,516	1/4	76,139	1/4	86,760	1/4	97,379
1/2	2,019	1/2	12,640	1/2	23,243	1/2	33,867	1/2	44,490	1/2	55,114	1/2	65,737	1/2	76,361	1/2	86,982	1/2	97,600
3/4	2,241	3/4	12,860	3/4	23,464	3/4	34,088	3/4	44,711	3/4	55,335	3/4	65,958	3/4	76,582	3/4	87,203	3/4	97,821
4	2,462	4	13,081	4	23,686	4	34,309	4	44,933	4	55,556	4	66,180	4	76,803	4	87,424	4	98,042
1/4	2,683	1/4	13,302	1/4	23,907	1/4	34,531	1/4	45,154	1/4	55,778	1/4	66,401	1/4	77,024	1/4	87,645	1/4	98,264
1/2	2,905	1/2	13,522	1/2	24,128	1/2	34,752	1/2	45,375	1/2	55,999	1/2	66,622	1/2	77,246	1/2	87,867	1/2	98,485
3/4	3,126	3/4	13,743	3/4	24,350	3/4	34,973	3/4	45,597	3/4	56,220	3/4	66,844	3/4	77,467	3/4	88,088	3/4	98,706
5	3,347	5	13,964	5	24,571	5	35,195	5	45,818	5	56,442	5	67,065	5	77,688	5	88,309	5	98,927
1/4	3,569	1/4	14,185	1/4	24,792	1/4	35,416	1/4	46,039	1/4	56,663	1/4	67,286	1/4	77,910	1/4	88,530	1/4	99,149
1/2	3,790	1/2	14,405	1/2	25,014	1/2	35,637	1/2	46,261	1/2	56,884	1/2	67,508	1/2	78,131	1/2	88,751	1/2	99,370
3/4	4,011	3/4	14,626	3/4	25,235	3/4	35,859	3/4	46,482	3/4	57,105	3/4	67,729	3/4	78,352	3/4	88,973	3/4	99,591
6	4,232	6	14,847	6	25,456	6	36,080	6	46,703	6	57,327	6	67,950	6	78,574	6	89,194	6	99,812
1/4	4,454	1/4	15,067	1/4	25,678	1/4	36,301	1/4	46,925	1/4	57,548	1/4	68,172	1/4	78,795	1/4	89,415	1/4	100,033
1/2	4,675	1/2	15,288	1/2	25,899	1/2	36,522	1/2	47,146	1/2	57,769	1/2	68,393	1/2	79,016	1/2	89,636	1/2	100,255
3/4	4,896	3/4	15,509	3/4	26,120	3/4	36,744	3/4	47,367	3/4	57,991	3/4	68,614	3/4	79,238	3/4	89,857	3/4	100,476
7	5,118	7	15,730	7	26,342	7	36,965	7	47,589	7	58,212	7	68,836	7	79,459	7	90,079	7	100,697
1/4	5,339	1/4	15,950	1/4	26,563	1/4	37,186	1/4	47,810	1/4	58,433	1/4	69,057	1/4	79,680	1/4	90,300	1/4	100,918
1/2	5,560	1/2	16,171	1/2	26,784	1/2	37,408	1/2	48,031	1/2	58,655	1/2	69,278	1/2	79,902	1/2	90,521	1/2	101,140
3/4	5,782	3/4	16,392	3/4	27,006	3/4	37,629	3/4	48,253	3/4	58,876	3/4	69,500	3/4	80,123	3/4	90,742	3/4	101,361
8	6,003	8	16,612	8	27,227	8	37,850	8	48,474	8	59,097	8	69,721	8	80,344	8	90,964	8	101,582
1/4	6,224	1/4	16,833	1/4	27,448	1/4	38,072	1/4	48,695	1/4	59,319	1/4	69,942	1/4	80,566	1/4	91,185	1/4	101,803
1/2	6,446	1/2	17,054	1/2	27,670	1/2	38,293	1/2	48,917	1/2	59,540	1/2	70,163	1/2	80,787	1/2	91,406	1/2	102,024
3/4	6,667	3/4	17,274	3/4	27,891	3/4	38,514	3/4	49,138	3/4	59,761	3/4	70,385	3/4	81,008	3/4	91,627	3/4	102,246
9	6,888	9	17,495	9	28,112	9	38,736	9	49,359	9	59,983	9	70,606	9	81,230	9	91,848	9	102,467
1/4	7,110	1/4	17,716	1/4	28,334	1/4	38,957	1/4	49,581	1/4	60,204	1/4	70,827	1/4	81,451	1/4	92,070	1/4	102,688
1/2	7,331	1/2	17,937	1/2	28,555	1/2	39,178	1/2	49,802	1/2	60,425	1/2	71,049	1/2	81,672	1/2	92,291	1/2	102,909
3/4	7,552	3/4	18,157	3/4	28,776	3/4	39,400	3/4	50,023	3/4	60,647	3/4	71,270	3/4	81,894	3/4	92,512	3/4	103,130
10	7,773	10	18,378	10	28,998	10	39,621	10	50,244	10	60,868	10	71,491	10	82,115	10	92,733	10	103,352
1/4	7,995	1/4	18,599	1/4	29,219	1/4	39,842	1/4	50,466	1/4	61,089	1/4	71,713	1/4	82,336	1/4	92,955	1/4	103,573
1/2	8,216	1/2	18,819	1/2	29,440	1/2	40,064	1/2	50,687	1/2	61,311	1/2	71,934	1/2	82,557	1/2	93,176	1/2	103,794
3/4	8,437	3/4	19,040	3/4	29,661	3/4	40,285	3/4	50,908	3/4	61,532	3/4	72,155	3/4	82,779	3/4	93,397	3/4	104,015
11	8,659	11	19,261	11	29,883	11	40,506	11	51,130	11	61,753	11	72,377	11	83,000	11	93,618	11	104,237
1/4	8,880	1/4	19,482	1/4	30,104	1/4	40,728	1/4	51,351	1/4	61,975	1/4	72,598	1/4	83,221	1/4	93,839	1/4	104,458
1/2	9,101	1/2	19,703	1/2	30,325	1/2	40,949	1/2	51,572	1/2	62,196	1/2	72,819	1/2	83,442	1/2	94,061	1/2	104,679
3/4	9,323	3/4	19,924	3/4	30,547	3/4	41,170	3/4	51,794	3/4	62,417	3/4	73,041	3/4	83,663	3/4	94,282	3/4	104,900

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
& ANALYSIS, INC.

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



BARGE "DBL 103"

3 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	105,121	0	115,740	0	126,358	0	136,977	0	147,554	0		0		0		0		0	
1/4	105,343	1/4	115,961	1/4	126,579	1/4	137,198	1/4	147,773	1/4		1/4		1/4		1/4		1/4	
1/2	105,564	1/2	116,182	1/2	126,801	1/2	137,419	1/2	147,993	1/2		1/2		1/2		1/2		1/2	
3/4	105,785	3/4	116,403	3/4	127,022	3/4	137,640	3/4	148,212	3/4		3/4		3/4		3/4		3/4	
1	106,006	1	116,625	1	127,243	1	137,861	1	148,431	1		1		1		1		1	
1/4	106,227	1/4	116,846	1/4	127,464	1/4	138,083	1/4	148,650	1/4		1/4		1/4		1/4		1/4	
1/2	106,449	1/2	117,067	1/2	127,685	1/2	138,304	1/2	148,869	1/2		1/2		1/2		1/2		1/2	
3/4	106,670	3/4	117,288	3/4	127,907	3/4	138,525	3/4	149,088	3/4		3/4		3/4		3/4		3/4	
2	106,891	2	117,510	2	128,128	2	138,746	2	149,308	2		2		2		2		2	
1/4	107,112	1/4	117,731	1/4	128,349	1/4	138,968	1/4	149,527	1/4		1/4		1/4		1/4		1/4	
1/2	107,334	1/2	117,952	1/2	128,570	1/2	139,189	1/2	149,746	1/2		1/2		1/2		1/2		1/2	
3/4	107,555	3/4	118,173	3/4	128,792	3/4	139,410	3/4	149,965	3/4		3/4		3/4		3/4		3/4	
3	107,776	3	118,394	3	129,013	3	139,631	3	150,184	3		3		3		3		3	
1/4	107,997	1/4	118,616	1/4	129,234	1/4	139,852	1/4	150,404	1/4		1/4		1/4		1/4		1/4	
1/2	108,218	1/2	118,837	1/2	129,455	1/2	140,074	1/2	150,623	1/2		1/2		1/2		1/2		1/2	
3/4	108,440	3/4	119,058	3/4	129,676	3/4	140,295	3/4	150,842	3/4		3/4		3/4		3/4		3/4	
4	108,661	4	119,279	4	129,898	4	140,516	4	151,061	4		4		4		4		4	
1/4	108,882	1/4	119,500	1/4	130,119	1/4	140,737	1/4	151,280	1/4		1/4		1/4		1/4		1/4	
1/2	109,103	1/2	119,722	1/2	130,340	1/2	140,958	1/2	151,499	1/2		1/2		1/2		1/2		1/2	
3/4	109,325	3/4	119,943	3/4	130,561	3/4	141,180	3/4	151,719	3/4		3/4		3/4		3/4		3/4	
5	109,546	5	120,164	5	130,783	5	141,401	5	151,938	5		5		5		5		5	
1/4	109,767	1/4	120,385	1/4	131,004	1/4	141,622	1/4	152,154	1/4		1/4		1/4		1/4		1/4	
1/2	109,988	1/2	120,607	1/2	131,225	1/2	141,843	1/2	152,370	1/2		1/2		1/2		1/2		1/2	
3/4	110,209	3/4	120,828	3/4	131,446	3/4	142,065	3/4	152,587	3/4		3/4		3/4		3/4		3/4	
6	110,431	6	121,049	6	131,667	6	142,286	6	152,803	6		6		6		6		6	
1/4	110,652	1/4	121,270	1/4	131,889	1/4	142,507	1/4	153,020	1/4		1/4		1/4		1/4		1/4	
1/2	110,873	1/2	121,491	1/2	132,110	1/2	142,728	1/2	153,236	1/2		1/2		1/2		1/2		1/2	
3/4	111,094	3/4	121,713	3/4	132,331	3/4	142,949	3/4	153,452	3/4		3/4		3/4		3/4		3/4	
7	111,315	7	121,934	7	132,552	7	143,171	7	153,669	7		7		7		7		7	
1/4	111,537	1/4	122,155	1/4	132,773	1/4	143,390	1/4	153,885	1/4		1/4		1/4		1/4		1/4	
1/2	111,758	1/2	122,376	1/2	132,995	1/2	143,609	1/2	154,101	1/2		1/2		1/2		1/2		1/2	
3/4	111,979	3/4	122,598	3/4	133,216	3/4	143,828	3/4	154,318	3/4		3/4		3/4		3/4		3/4	
8	112,200	8	122,819	8	133,437	8	144,047	8	154,534	8		8		8		8		8	
1/4	112,422	1/4	123,040	1/4	133,658	1/4	144,267	1/4	154,750	1/4		1/4		1/4		1/4		1/4	
1/2	112,643	1/2	123,261	1/2	133,880	1/2	144,486	1/2	154,967	1/2		1/2		1/2		1/2		1/2	
3/4	112,864	3/4	123,482	3/4	134,101	3/4	144,705	3/4	155,183	3/4		3/4		3/4		3/4		3/4	
9	113,085	9	123,704	9	134,322	9	144,924	9	155,400	9		9		9		9		9	
1/4	113,306	1/4	123,925	1/4	134,543	1/4	145,143	1/4	155,527	1/4		1/4		1/4		1/4		1/4	
1/2	113,528	1/2	124,146	1/2	134,764	1/2	145,362	1/2	155,655	1/2		1/2		1/2		1/2		1/2	
3/4	113,749	3/4	124,367	3/4	134,986	3/4	145,582	3/4	155,783	3/4		3/4		3/4		3/4		3/4	
10	113,970	10	124,588	10	135,207	10	145,801	10	155,911	10		10		10		10		10	
1/4	114,191	1/4	124,810	1/4	135,428	1/4	146,020	1/4	155,955	1/4		1/4		1/4		1/4		1/4	
1/2	114,413	1/2	125,031	1/2	135,649	1/2	146,239	1/2	156,000	1/2		1/2		1/2		1/2		1/2	
3/4	114,634	3/4	125,252	3/4	135,871	3/4	146,458	3/4	156,044	3/4		3/4		3/4		3/4		3/4	
11	114,855	11	125,473	11	136,092	11	146,678	11	156,088	11		11		11		11		11	
1/4	115,076	1/4	125,695	1/4	136,313	1/4	146,897	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,297	1/2	125,916	1/2	136,534	1/2	147,116	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,519	3/4	126,137	3/4	136,755	3/4	147,335	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/20/2014 SW
CALCULATED: 03/21/2014 CL
PRINTED: 03/21/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

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