



BARGE "IB 1083"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
3 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8

(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 2 CENTER IS 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

August 6, 2015

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

<http://www.pmacorp.net>



BARGE "IB 1083"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	235	0	11,498	0	23,994	0	36,327	0	48,727	0	61,216	0	73,688	0	86,184	0	98,680	0	111,175
1/4	311	1/4	11,758	1/4	24,254	1/4	36,581	1/4	48,987	1/4	61,475	1/4	73,949	1/4	86,445	1/4	98,940	1/4	111,435
1/2	387	1/2	12,018	1/2	24,515	1/2	36,835	1/2	49,247	1/2	61,735	1/2	74,209	1/2	86,705	1/2	99,200	1/2	111,696
3/4	463	3/4	12,279	3/4	24,775	3/4	37,089	3/4	49,507	3/4	61,995	3/4	74,469	3/4	86,965	3/4	99,461	3/4	111,956
1	539	1	12,539	1	25,035	1	37,343	1	49,768	1	62,255	1	74,730	1	87,226	1	99,721	1	112,216
1/4	702	1/4	12,799	1/4	25,296	1/4	37,597	1/4	50,028	1/4	62,514	1/4	74,990	1/4	87,486	1/4	99,981	1/4	112,477
1/2	865	1/2	13,060	1/2	25,556	1/2	37,851	1/2	50,288	1/2	62,774	1/2	75,250	1/2	87,746	1/2	100,241	1/2	112,737
3/4	1,028	3/4	13,320	3/4	25,816	3/4	38,105	3/4	50,548	3/4	63,034	3/4	75,511	3/4	88,007	3/4	100,502	3/4	112,997
2	1,191	2	13,580	2	26,077	2	38,359	2	50,808	2	63,294	2	75,771	2	88,267	2	100,762	2	113,258
1/4	1,424	1/4	13,841	1/4	26,337	1/4	38,613	1/4	51,069	1/4	63,553	1/4	76,031	1/4	88,527	1/4	101,022	1/4	113,518
1/2	1,657	1/2	14,101	1/2	26,597	1/2	38,867	1/2	51,329	1/2	63,813	1/2	76,292	1/2	88,787	1/2	101,283	1/2	113,778
3/4	1,890	3/4	14,361	3/4	26,858	3/4	39,121	3/4	51,589	3/4	64,073	3/4	76,552	3/4	89,048	3/4	101,543	3/4	114,039
3	2,122	3	14,622	3	27,118	3	39,375	3	51,849	3	64,332	3	76,812	3	89,308	3	101,803	3	114,299
1/4	2,382	1/4	14,882	1/4	27,378	1/4	39,631	1/4	52,109	1/4	64,592	1/4	77,073	1/4	89,568	1/4	102,064	1/4	114,559
1/2	2,641	1/2	15,143	1/2	27,639	1/2	39,888	1/2	52,370	1/2	64,852	1/2	77,333	1/2	89,829	1/2	102,324	1/2	114,820
3/4	2,900	3/4	15,403	3/4	27,899	3/4	40,144	3/4	52,630	3/4	65,112	3/4	77,593	3/4	90,089	3/4	102,584	3/4	115,080
4	3,160	4	15,663	4	28,159	4	40,400	4	52,890	4	65,371	4	77,854	4	90,349	4	102,845	4	115,340
1/4	3,420	1/4	15,924	1/4	28,420	1/4	40,661	1/4	53,150	1/4	65,631	1/4	78,114	1/4	90,610	1/4	103,105	1/4	115,601
1/2	3,681	1/2	16,184	1/2	28,680	1/2	40,921	1/2	53,410	1/2	65,891	1/2	78,374	1/2	90,870	1/2	103,365	1/2	115,861
3/4	3,941	3/4	16,444	3/4	28,940	3/4	41,181	3/4	53,671	3/4	66,151	3/4	78,635	3/4	91,130	3/4	103,625	3/4	116,121
5	4,201	5	16,705	5	29,201	5	41,441	5	53,931	5	66,410	5	78,895	5	91,391	5	103,886	5	116,382
1/4	4,462	1/4	16,965	1/4	29,459	1/4	41,701	1/4	54,191	1/4	66,670	1/4	79,155	1/4	91,651	1/4	104,146	1/4	116,642
1/2	4,723	1/2	17,225	1/2	29,717	1/2	41,962	1/2	54,451	1/2	66,930	1/2	79,416	1/2	91,911	1/2	104,406	1/2	116,902
3/4	4,984	3/4	17,486	3/4	29,975	3/4	42,222	3/4	54,711	3/4	67,189	3/4	79,676	3/4	92,172	3/4	104,667	3/4	117,163
6	5,245	6	17,746	6	30,233	6	42,482	6	54,972	6	67,449	6	79,936	6	92,432	6	104,927	6	117,423
1/4	5,505	1/4	18,006	1/4	30,487	1/4	42,742	1/4	55,232	1/4	67,709	1/4	80,197	1/4	92,692	1/4	105,187	1/4	117,683
1/2	5,766	1/2	18,267	1/2	30,740	1/2	43,002	1/2	55,492	1/2	67,969	1/2	80,457	1/2	92,953	1/2	105,448	1/2	117,944
3/4	6,027	3/4	18,527	3/4	30,994	3/4	43,263	3/4	55,752	3/4	68,228	3/4	80,717	3/4	93,213	3/4	105,708	3/4	118,204
7	6,288	7	18,787	7	31,248	7	43,523	7	56,012	7	68,488	7	80,978	7	93,473	7	105,968	7	118,464
1/4	6,548	1/4	19,048	1/4	31,502	1/4	43,783	1/4	56,273	1/4	68,748	1/4	81,238	1/4	93,734	1/4	106,229	1/4	118,725
1/2	6,809	1/2	19,308	1/2	31,756	1/2	44,043	1/2	56,533	1/2	69,008	1/2	81,498	1/2	93,994	1/2	106,489	1/2	118,985
3/4	7,069	3/4	19,568	3/4	32,010	3/4	44,303	3/4	56,793	3/4	69,267	3/4	81,759	3/4	94,254	3/4	106,749	3/4	119,245
8	7,330	8	19,829	8	32,264	8	44,564	8	57,053	8	69,527	8	82,019	8	94,515	8	107,010	8	119,506
1/4	7,590	1/4	20,089	1/4	32,518	1/4	44,824	1/4	57,313	1/4	69,787	1/4	82,279	1/4	94,775	1/4	107,270	1/4	119,766
1/2	7,851	1/2	20,349	1/2	32,772	1/2	45,084	1/2	57,574	1/2	70,046	1/2	82,540	1/2	95,035	1/2	107,530	1/2	120,026
3/4	8,111	3/4	20,610	3/4	33,026	3/4	45,344	3/4	57,834	3/4	70,306	3/4	82,800	3/4	95,296	3/4	107,791	3/4	120,287
9	8,372	9	20,870	9	33,280	9	45,604	9	58,094	9	70,566	9	83,060	9	95,556	9	108,051	9	120,547
1/4	8,632	1/4	21,130	1/4	33,534	1/4	45,865	1/4	58,354	1/4	70,826	1/4	83,321	1/4	95,816	1/4	108,311	1/4	120,793
1/2	8,893	1/2	21,391	1/2	33,788	1/2	46,125	1/2	58,614	1/2	71,086	1/2	83,581	1/2	96,077	1/2	108,572	1/2	121,039
3/4	9,154	3/4	21,651	3/4	34,042	3/4	46,385	3/4	58,875	3/4	71,346	3/4	83,841	3/4	96,337	3/4	108,832	3/4	121,285
10	9,414	10	21,911	10	34,296	10	46,645	10	59,135	10	71,606	10	84,102	10	96,597	10	109,092	10	121,531
1/4	9,675	1/4	22,172	1/4	34,550	1/4	46,905	1/4	59,395	1/4	71,866	1/4	84,362	1/4	96,858	1/4	109,353	1/4	121,753
1/2	9,935	1/2	22,432	1/2	34,804	1/2	47,166	1/2	59,655	1/2	72,126	1/2	84,622	1/2	97,118	1/2	109,613	1/2	121,976
3/4	10,196	3/4	22,692	3/4	35,058	3/4	47,426	3/4	59,915	3/4	72,387	3/4	84,883	3/4	97,378	3/4	109,873	3/4	122,198
11	10,456	11	22,953	11	35,312	11	47,686	11	60,176	11	72,647	11	85,143	11	97,638	11	110,134	11	122,421
1/4	10,717	1/4	23,213	1/4	35,566	1/4	47,946	1/4	60,436	1/4	72,907	1/4	85,403	1/4	97,899	1/4	110,394	1/4	122,643
1/2	10,977	1/2	23,473	1/2	35,820	1/2	48,206	1/2	60,696	1/2	73,168	1/2	85,664	1/2	98,159	1/2	110,654	1/2	122,866
3/4	11,237	3/4	23,734	3/4	36,073	3/4	48,467	3/4	60,956	3/4	73,428	3/4	85,924	3/4	98,419	3/4	110,915	3/4	123,089

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 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1083"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	123,312	0	134,002	0	144,693	0	155,384	0	167,013	0		0		0		0		0	
1/4	123,534	1/4	134,225	1/4	144,916	1/4	155,607	1/4	167,226	1/4		1/4		1/4		1/4		1/4	
1/2	123,757	1/2	134,448	1/2	145,139	1/2	155,830	1/2	167,439	1/2		1/2		1/2		1/2		1/2	
3/4	123,980	3/4	134,671	3/4	145,362	3/4	156,052	3/4	167,651	3/4		3/4		3/4		3/4		3/4	
1	124,202	1	134,893	1	145,584	1	156,275	1	167,864	1		1		1		1		1	
1/4	124,425	1/4	135,116	1/4	145,807	1/4	156,498	1/4	167,995	1/4		1/4		1/4		1/4		1/4	
1/2	124,648	1/2	135,339	1/2	146,030	1/2	156,721	1/2	168,125	1/2		1/2		1/2		1/2		1/2	
3/4	124,871	3/4	135,562	3/4	146,252	3/4	156,943	3/4	168,255	3/4		3/4		3/4		3/4		3/4	
2	125,093	2	135,784	2	146,475	2	157,166	2	168,386	2		2		2		2		2	
1/4	125,316	1/4	136,007	1/4	146,698	1/4	157,389	1/4	168,439	1/4		1/4		1/4		1/4		1/4	
1/2	125,539	1/2	136,230	1/2	146,921	1/2	157,611	1/2	168,493	1/2		1/2		1/2		1/2		1/2	
3/4	125,762	3/4	136,452	3/4	147,143	3/4	157,834	3/4	168,547	3/4		3/4		3/4		3/4		3/4	
3	125,984	3	136,675	3	147,366	3	158,057	3	168,600	3		3		3		3		3	
1/4	126,207	1/4	136,898	1/4	147,589	1/4	158,280	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,430	1/2	137,121	1/2	147,811	1/2	158,502	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,652	3/4	137,343	3/4	148,034	3/4	158,725	3/4		3/4		3/4		3/4		3/4		3/4	
4	126,875	4	137,566	4	148,257	4	158,948	4		4		4		4		4		4	
1/4	127,098	1/4	137,789	1/4	148,480	1/4	159,171	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,321	1/2	138,012	1/2	148,702	1/2	159,393	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,543	3/4	138,234	3/4	148,925	3/4	159,616	3/4		3/4		3/4		3/4		3/4		3/4	
5	127,766	5	138,457	5	149,148	5	159,839	5		5		5		5		5		5	
1/4	127,989	1/4	138,680	1/4	149,371	1/4	160,062	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,212	1/2	138,902	1/2	149,593	1/2	160,313	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,434	3/4	139,125	3/4	149,816	3/4	160,550	3/4		3/4		3/4		3/4		3/4		3/4	
6	128,657	6	139,348	6	150,039	6	160,787	6		6		6		6		6		6	
1/4	128,880	1/4	139,571	1/4	150,261	1/4	161,048	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,102	1/2	139,793	1/2	150,484	1/2	161,308	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,325	3/4	140,016	3/4	150,707	3/4	161,569	3/4		3/4		3/4		3/4		3/4		3/4	
7	129,548	7	140,239	7	150,930	7	161,830	7		7		7		7		7		7	
1/4	129,771	1/4	140,462	1/4	151,152	1/4	162,091	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,993	1/2	140,684	1/2	151,375	1/2	162,352	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	130,216	3/4	140,907	3/4	151,598	3/4	162,613	3/4		3/4		3/4		3/4		3/4		3/4	
8	130,439	8	141,130	8	151,821	8	162,874	8		8		8		8		8		8	
1/4	130,662	1/4	141,352	1/4	152,043	1/4	163,134	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	130,884	1/2	141,575	1/2	152,266	1/2	163,395	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131,107	3/4	141,798	3/4	152,489	3/4	163,656	3/4		3/4		3/4		3/4		3/4		3/4	
9	131,330	9	142,021	9	152,711	9	163,917	9		9		9		9		9		9	
1/4	131,552	1/4	142,243	1/4	152,934	1/4	164,178	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131,775	1/2	142,466	1/2	153,157	1/2	164,438	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131,998	3/4	142,689	3/4	153,380	3/4	164,699	3/4		3/4		3/4		3/4		3/4		3/4	
10	132,221	10	142,912	10	153,602	10	164,960	10		10		10		10		10		10	
1/4	132,443	1/4	143,134	1/4	153,825	1/4	165,220	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132,666	1/2	143,357	1/2	154,048	1/2	165,480	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	132,889	3/4	143,580	3/4	154,271	3/4	165,740	3/4		3/4		3/4		3/4		3/4		3/4	
11	133,112	11	143,802	11	154,493	11	166,000	11		11		11		11		11		11	
1/4	133,334	1/4	144,025	1/4	154,716	1/4	166,253	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	133,557	1/2	144,248	1/2	154,939	1/2	166,507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133,780	3/4	144,471	3/4	155,161	3/4	166,760	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/05/2015 CL
CALCULATED: 08/06/2015 CL
PRINTED: 08/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1083"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	84	0	10,032	0	21,084	0	31,975	0	42,936	0	53,988	0	65,041	0	76,093	0	87,145	0	98,198
1/4	151	1/4	10,262	1/4	21,314	1/4	32,199	1/4	43,166	1/4	54,219	1/4	65,271	1/4	76,323	1/4	87,376	1/4	98,428
1/2	218	1/2	10,492	1/2	21,544	1/2	32,423	1/2	43,397	1/2	54,449	1/2	65,501	1/2	76,554	1/2	87,606	1/2	98,658
3/4	285	3/4	10,722	3/4	21,774	3/4	32,647	3/4	43,627	3/4	54,679	3/4	65,732	3/4	76,784	3/4	87,836	3/4	98,888
1	352	1	10,953	1	22,005	1	32,871	1	43,857	1	54,910	1	65,962	1	77,014	1	88,066	1	99,119
1/4	496	1/4	11,183	1/4	22,235	1/4	33,095	1/4	44,087	1/4	55,140	1/4	66,192	1/4	77,244	1/4	88,297	1/4	99,349
1/2	640	1/2	11,413	1/2	22,465	1/2	33,319	1/2	44,318	1/2	55,370	1/2	66,422	1/2	77,475	1/2	88,527	1/2	99,579
3/4	784	3/4	11,643	3/4	22,695	3/4	33,543	3/4	44,548	3/4	55,600	3/4	66,653	3/4	77,705	3/4	88,757	3/4	99,810
2	928	2	11,874	2	22,926	2	33,767	2	44,778	2	55,831	2	66,883	2	77,935	2	88,987	2	100,040
1/4	1,133	1/4	12,104	1/4	23,156	1/4	33,991	1/4	45,008	1/4	56,061	1/4	67,113	1/4	78,165	1/4	89,218	1/4	100,270
1/2	1,339	1/2	12,334	1/2	23,386	1/2	34,215	1/2	45,239	1/2	56,291	1/2	67,343	1/2	78,396	1/2	89,448	1/2	100,500
3/4	1,544	3/4	12,564	3/4	23,616	3/4	34,439	3/4	45,469	3/4	56,521	3/4	67,574	3/4	78,626	3/4	89,678	3/4	100,731
3	1,750	3	12,795	3	23,846	3	34,663	3	45,699	3	56,752	3	67,804	3	78,856	3	89,908	3	100,961
1/4	1,979	1/4	13,025	1/4	24,077	1/4	34,889	1/4	45,930	1/4	56,982	1/4	68,034	1/4	79,086	1/4	90,139	1/4	101,191
1/2	2,208	1/2	13,255	1/2	24,307	1/2	35,115	1/2	46,160	1/2	57,212	1/2	68,264	1/2	79,317	1/2	90,369	1/2	101,421
3/4	2,437	3/4	13,485	3/4	24,537	3/4	35,342	3/4	46,390	3/4	57,442	3/4	68,495	3/4	79,547	3/4	90,599	3/4	101,652
4	2,666	4	13,716	4	24,767	4	35,568	4	46,620	4	57,673	4	68,725	4	79,777	4	90,830	4	101,882
1/4	2,895	1/4	13,946	1/4	24,998	1/4	35,798	1/4	46,851	1/4	57,903	1/4	68,955	1/4	80,007	1/4	91,060	1/4	102,112
1/2	3,125	1/2	14,176	1/2	25,228	1/2	36,028	1/2	47,081	1/2	58,133	1/2	69,185	1/2	80,238	1/2	91,291	1/2	102,342
3/4	3,355	3/4	14,406	3/4	25,458	3/4	36,259	3/4	47,311	3/4	58,363	3/4	69,416	3/4	80,468	3/4	91,520	3/4	102,573
5	3,585	5	14,637	5	25,688	5	36,489	5	47,541	5	58,594	5	69,646	5	80,698	5	91,751	5	102,803
1/4	3,815	1/4	14,867	1/4	25,916	1/4	36,719	1/4	47,772	1/4	58,824	1/4	69,876	1/4	80,928	1/4	91,981	1/4	103,033
1/2	4,045	1/2	15,097	1/2	26,144	1/2	36,950	1/2	48,002	1/2	59,054	1/2	70,106	1/2	81,159	1/2	92,211	1/2	103,263
3/4	4,276	3/4	15,327	3/4	26,372	3/4	37,180	3/4	48,232	3/4	59,284	3/4	70,337	3/4	81,389	3/4	92,441	3/4	103,494
6	4,506	6	15,558	6	26,600	6	37,410	6	48,462	6	59,515	6	70,567	6	81,619	6	92,672	6	103,724
1/4	4,736	1/4	15,788	1/4	26,824	1/4	37,640	1/4	48,693	1/4	59,745	1/4	70,797	1/4	81,850	1/4	92,902	1/4	103,954
1/2	4,966	1/2	16,018	1/2	27,048	1/2	37,871	1/2	48,923	1/2	59,975	1/2	71,027	1/2	82,080	1/2	93,132	1/2	104,184
3/4	5,197	3/4	16,248	3/4	27,272	3/4	38,101	3/4	49,153	3/4	60,205	3/4	71,258	3/4	82,310	3/4	93,362	3/4	104,415
7	5,427	7	16,479	7	27,496	7	38,331	7	49,383	7	60,436	7	71,488	7	82,540	7	93,593	7	104,645
1/4	5,657	1/4	16,709	1/4	27,720	1/4	38,561	1/4	49,614	1/4	60,666	1/4	71,718	1/4	82,771	1/4	93,823	1/4	104,875
1/2	5,887	1/2	16,939	1/2	27,944	1/2	38,792	1/2	49,844	1/2	60,896	1/2	71,948	1/2	83,001	1/2	94,053	1/2	105,105
3/4	6,118	3/4	17,169	3/4	28,168	3/4	39,022	3/4	50,074	3/4	61,126	3/4	72,179	3/4	83,231	3/4	94,283	3/4	105,336
8	6,348	8	17,400	8	28,392	8	39,252	8	50,304	8	61,357	8	72,409	8	83,461	8	94,514	8	105,566
1/4	6,578	1/4	17,630	1/4	28,616	1/4	39,482	1/4	50,535	1/4	61,587	1/4	72,639	1/4	83,692	1/4	94,744	1/4	105,796
1/2	6,808	1/2	17,860	1/2	28,840	1/2	39,713	1/2	50,765	1/2	61,817	1/2	72,870	1/2	83,922	1/2	94,974	1/2	106,026
3/4	7,038	3/4	18,090	3/4	29,063	3/4	39,943	3/4	50,995	3/4	62,047	3/4	73,100	3/4	84,152	3/4	95,204	3/4	106,257
9	7,269	9	18,321	9	29,287	9	40,173	9	51,225	9	62,278	9	73,330	9	84,382	9	95,435	9	106,487
1/4	7,499	1/4	18,551	1/4	29,511	1/4	40,403	1/4	51,456	1/4	62,508	1/4	73,560	1/4	84,613	1/4	95,665	1/4	106,717
1/2	7,729	1/2	18,781	1/2	29,735	1/2	40,634	1/2	51,686	1/2	62,738	1/2	73,791	1/2	84,843	1/2	95,895	1/2	106,947
3/4	7,959	3/4	19,011	3/4	29,959	3/4	40,864	3/4	51,916	3/4	62,968	3/4	74,021	3/4	85,073	3/4	96,125	3/4	107,178
10	8,190	10	19,242	10	30,183	10	41,094	10	52,146	10	63,199	10	74,251	10	85,303	10	96,356	10	107,408
1/4	8,420	1/4	19,472	1/4	30,407	1/4	41,324	1/4	52,377	1/4	63,429	1/4	74,481	1/4	85,534	1/4	96,586	1/4	107,638
1/2	8,650	1/2	19,702	1/2	30,631	1/2	41,555	1/2	52,607	1/2	63,659	1/2	74,712	1/2	85,764	1/2	96,816	1/2	107,868
3/4	8,880	3/4	19,932	3/4	30,855	3/4	41,785	3/4	52,837	3/4	63,890	3/4	74,942	3/4	85,994	3/4	97,046	3/4	108,099
11	9,111	11	20,163	11	31,079	11	42,015	11	53,067	11	64,120	11	75,172	11	86,224	11	97,277	11	108,329
1/4	9,341	1/4	20,393	1/4	31,303	1/4	42,245	1/4	53,298	1/4	64,350	1/4	75,402	1/4	86,455	1/4	97,507	1/4	108,559
1/2	9,571	1/2	20,623	1/2	31,527	1/2	42,476	1/2	53,528	1/2	64,580	1/2	75,633	1/2	86,685	1/2	97,737	1/2	108,790
3/4	9,801	3/4	20,853	3/4	31,751	3/4	42,706	3/4	53,758	3/4	64,811	3/4	75,863	3/4	86,915	3/4	97,967	3/4	109,020

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 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1083"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	109,480	1/4	120,533	1/4	131,585	1/4	142,637	1/4	153,617	1/4		1/4		1/4		1/4		1/4	
1/2	109,711	1/2	120,763	1/2	131,815	1/2	142,867	1/2	153,805	1/2		1/2		1/2		1/2		1/2	
3/4	109,941	3/4	120,993	3/4	132,045	3/4	143,098	3/4	153,993	3/4		3/4		3/4		3/4		3/4	
1	110,171	1	121,223	1	132,276	1	143,328	1	154,181	1		1		1		1		1	
1/4	110,401	1/4	121,454	1/4	132,506	1/4	143,558	1/4	154,296	1/4		1/4		1/4		1/4		1/4	
1/2	110,632	1/2	121,684	1/2	132,736	1/2	143,788	1/2	154,411	1/2		1/2		1/2		1/2		1/2	
3/4	110,862	3/4	121,914	3/4	132,966	3/4	144,019	3/4	154,526	3/4		3/4		3/4		3/4		3/4	
2	111,092	2	122,144	2	133,197	2	144,249	2	154,641	2		2		2		2		2	
1/4	111,322	1/4	122,375	1/4	133,427	1/4	144,479	1/4	154,689	1/4		1/4		1/4		1/4		1/4	
1/2	111,553	1/2	122,605	1/2	133,657	1/2	144,710	1/2	154,736	1/2		1/2		1/2		1/2		1/2	
3/4	111,783	3/4	122,835	3/4	133,887	3/4	144,940	3/4	154,783	3/4		3/4		3/4		3/4		3/4	
3	112,013	3	123,065	3	134,118	3	145,170	3	154,831	3		3		3		3		3	
1/4	112,243	1/4	123,296	1/4	134,348	1/4	145,400	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,474	1/2	123,526	1/2	134,578	1/2	145,631	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,704	3/4	123,756	3/4	134,808	3/4	145,861	3/4		3/4		3/4		3/4		3/4		3/4	
4	112,934	4	123,986	4	135,039	4	146,091	4		4		4		4		4		4	
1/4	113,164	1/4	124,217	1/4	135,269	1/4	146,321	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,395	1/2	124,447	1/2	135,499	1/2	146,552	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,625	3/4	124,677	3/4	135,730	3/4	146,782	3/4		3/4		3/4		3/4		3/4		3/4	
5	113,855	5	124,907	5	135,960	5	147,012	5		5		5		5		5		5	
1/4	114,085	1/4	125,138	1/4	136,190	1/4	147,242	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,316	1/2	125,368	1/2	136,420	1/2	147,473	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,546	3/4	125,598	3/4	136,651	3/4	147,703	3/4		3/4		3/4		3/4		3/4		3/4	
6	114,776	6	125,828	6	136,881	6	147,933	6		6		6		6		6		6	
1/4	115,006	1/4	126,059	1/4	137,111	1/4	148,163	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,237	1/2	126,289	1/2	137,341	1/2	148,394	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,467	3/4	126,519	3/4	137,572	3/4	148,624	3/4		3/4		3/4		3/4		3/4		3/4	
7	115,697	7	126,750	7	137,802	7	148,854	7		7		7		7		7		7	
1/4	115,927	1/4	126,980	1/4	138,032	1/4	149,084	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,158	1/2	127,210	1/2	138,262	1/2	149,315	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,388	3/4	127,440	3/4	138,493	3/4	149,545	3/4		3/4		3/4		3/4		3/4		3/4	
8	116,618	8	127,671	8	138,723	8	149,775	8		8		8		8		8		8	
1/4	116,848	1/4	127,901	1/4	138,953	1/4	150,005	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,079	1/2	128,131	1/2	139,183	1/2	150,236	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,309	3/4	128,361	3/4	139,414	3/4	150,466	3/4		3/4		3/4		3/4		3/4		3/4	
9	117,539	9	128,592	9	139,644	9	150,696	9		9		9		9		9		9	
1/4	117,770	1/4	128,822	1/4	139,874	1/4	150,926	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,000	1/2	129,052	1/2	140,104	1/2	151,156	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,230	3/4	129,282	3/4	140,335	3/4	151,387	3/4		3/4		3/4		3/4		3/4		3/4	
10	118,460	10	129,513	10	140,565	10	151,617	10		10		10		10		10		10	
1/4	118,691	1/4	129,743	1/4	140,795	1/4	151,846	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,921	1/2	129,973	1/2	141,025	1/2	152,076	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,151	3/4	130,203	3/4	141,256	3/4	152,306	3/4		3/4		3/4		3/4		3/4		3/4	
11	119,381	11	130,434	11	141,486	11	152,535	11		11		11		11		11		11	
1/4	119,612	1/4	130,664	1/4	141,716	1/4	152,759	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,842	1/2	130,894	1/2	141,946	1/2	152,982	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,072	3/4	131,124	3/4	142,177	3/4	153,206	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/05/2015 CL
CALCULATED: 08/06/2015 CL
PRINTED: 08/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1083"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	83	0	9,959	0	20,930	0	31,890	0	42,856	0	53,827	0	64,799	0	75,771	0	86,743	0	97,714
1/4	150	1/4	10,187	1/4	21,159	1/4	32,118	1/4	43,084	1/4	54,056	1/4	65,028	1/4	76,000	1/4	86,971	1/4	97,943
1/2	217	1/2	10,416	1/2	21,387	1/2	32,346	1/2	43,313	1/2	54,285	1/2	65,256	1/2	76,228	1/2	87,200	1/2	98,172
3/4	283	3/4	10,644	3/4	21,616	3/4	32,574	3/4	43,541	3/4	54,513	3/4	65,485	3/4	76,457	3/4	87,428	3/4	98,400
1	350	1	10,873	1	21,844	1	32,803	1	43,770	1	54,742	1	65,714	1	76,685	1	87,657	1	98,629
1/4	493	1/4	11,102	1/4	22,073	1/4	33,031	1/4	43,999	1/4	54,970	1/4	65,942	1/4	76,914	1/4	87,886	1/4	98,857
1/2	636	1/2	11,330	1/2	22,301	1/2	33,259	1/2	44,227	1/2	55,199	1/2	66,171	1/2	77,142	1/2	88,114	1/2	99,086
3/4	778	3/4	11,559	3/4	22,530	3/4	33,487	3/4	44,456	3/4	55,427	3/4	66,399	3/4	77,371	3/4	88,343	3/4	99,315
2	921	2	11,787	2	22,759	2	33,715	2	44,684	2	55,656	2	66,628	2	77,600	2	88,571	2	99,543
1/4	1,125	1/4	12,016	1/4	22,987	1/4	33,943	1/4	44,913	1/4	55,885	1/4	66,856	1/4	77,828	1/4	88,800	1/4	99,772
1/2	1,329	1/2	12,244	1/2	23,216	1/2	34,171	1/2	45,141	1/2	56,113	1/2	67,085	1/2	78,057	1/2	89,029	1/2	100,000
3/4	1,533	3/4	12,473	3/4	23,444	3/4	34,400	3/4	45,370	3/4	56,342	3/4	67,314	3/4	78,285	3/4	89,257	3/4	100,229
3	1,737	3	12,702	3	23,673	3	34,628	3	45,599	3	56,570	3	67,542	3	78,514	3	89,486	3	100,457
1/4	1,965	1/4	12,930	1/4	23,901	1/4	34,856	1/4	45,827	1/4	56,799	1/4	67,771	1/4	78,742	1/4	89,714	1/4	100,686
1/2	2,192	1/2	13,159	1/2	24,130	1/2	35,085	1/2	46,056	1/2	57,028	1/2	67,999	1/2	78,971	1/2	89,943	1/2	100,915
3/4	2,419	3/4	13,387	3/4	24,359	3/4	35,313	3/4	46,284	3/4	57,256	3/4	68,228	3/4	79,200	3/4	90,171	3/4	101,143
4	2,646	4	13,616	4	24,587	4	35,541	4	46,513	4	57,485	4	68,456	4	79,428	4	90,400	4	101,372
1/4	2,874	1/4	13,844	1/4	24,816	1/4	35,770	1/4	46,742	1/4	57,713	1/4	68,685	1/4	79,657	1/4	90,629	1/4	101,600
1/2	3,103	1/2	14,073	1/2	25,044	1/2	35,998	1/2	46,970	1/2	57,942	1/2	68,914	1/2	79,885	1/2	90,857	1/2	101,829
3/4	3,331	3/4	14,302	3/4	25,273	3/4	36,227	3/4	47,199	3/4	58,170	3/4	69,142	3/4	80,114	3/4	91,086	3/4	102,057
5	3,559	5	14,530	5	25,501	5	36,456	5	47,427	5	58,399	5	69,371	5	80,343	5	91,314	5	102,286
1/4	3,788	1/4	14,759	1/4	25,730	1/4	36,684	1/4	47,656	1/4	58,628	1/4	69,599	1/4	80,571	1/4	91,543	1/4	102,515
1/2	4,016	1/2	14,987	1/2	25,958	1/2	36,913	1/2	47,884	1/2	58,856	1/2	69,828	1/2	80,800	1/2	91,771	1/2	102,743
3/4	4,245	3/4	15,216	3/4	26,187	3/4	37,141	3/4	48,113	3/4	59,085	3/4	70,057	3/4	81,028	3/4	92,000	3/4	102,972
6	4,473	6	15,444	6	26,415	6	37,370	6	48,342	6	59,313	6	70,285	6	81,257	6	92,229	6	103,200
1/4	4,702	1/4	15,673	1/4	26,643	1/4	37,598	1/4	48,570	1/4	59,542	1/4	70,514	1/4	81,485	1/4	92,457	1/4	103,429
1/2	4,930	1/2	15,902	1/2	26,871	1/2	37,827	1/2	48,799	1/2	59,770	1/2	70,742	1/2	81,714	1/2	92,686	1/2	103,658
3/4	5,159	3/4	16,130	3/4	27,099	3/4	38,056	3/4	49,027	3/4	59,999	3/4	70,971	3/4	81,943	3/4	92,914	3/4	103,886
7	5,387	7	16,359	7	27,328	7	38,284	7	49,256	7	60,228	7	71,199	7	82,171	7	93,143	7	104,115
1/4	5,616	1/4	16,587	1/4	27,556	1/4	38,513	1/4	49,484	1/4	60,456	1/4	71,428	1/4	82,400	1/4	93,371	1/4	104,343
1/2	5,845	1/2	16,816	1/2	27,784	1/2	38,741	1/2	49,713	1/2	60,685	1/2	71,657	1/2	82,628	1/2	93,600	1/2	104,572
3/4	6,073	3/4	17,044	3/4	28,012	3/4	38,970	3/4	49,942	3/4	60,913	3/4	71,885	3/4	82,857	3/4	93,829	3/4	104,800
8	6,302	8	17,273	8	28,240	8	39,198	8	50,170	8	61,142	8	72,114	8	83,085	8	94,057	8	105,029
1/4	6,530	1/4	17,501	1/4	28,468	1/4	39,427	1/4	50,399	1/4	61,371	1/4	72,342	1/4	83,314	1/4	94,286	1/4	105,258
1/2	6,759	1/2	17,730	1/2	28,696	1/2	39,656	1/2	50,627	1/2	61,599	1/2	72,571	1/2	83,543	1/2	94,514	1/2	105,486
3/4	6,987	3/4	17,959	3/4	28,924	3/4	39,884	3/4	50,856	3/4	61,828	3/4	72,799	3/4	83,771	3/4	94,743	3/4	105,715
9	7,216	9	18,187	9	29,153	9	40,113	9	51,085	9	62,056	9	73,028	9	84,000	9	94,972	9	105,943
1/4	7,444	1/4	18,416	1/4	29,381	1/4	40,341	1/4	51,313	1/4	62,285	1/4	73,257	1/4	84,228	1/4	95,200	1/4	106,172
1/2	7,673	1/2	18,644	1/2	29,609	1/2	40,570	1/2	51,542	1/2	62,513	1/2	73,485	1/2	84,457	1/2	95,429	1/2	106,400
3/4	7,902	3/4	18,873	3/4	29,837	3/4	40,798	3/4	51,770	3/4	62,742	3/4	73,714	3/4	84,686	3/4	95,657	3/4	106,629
10	8,130	10	19,101	10	30,065	10	41,027	10	51,999	10	62,971	10	73,942	10	84,914	10	95,886	10	106,858
1/4	8,359	1/4	19,330	1/4	30,293	1/4	41,256	1/4	52,227	1/4	63,199	1/4	74,171	1/4	85,143	1/4	96,114	1/4	107,086
1/2	8,587	1/2	19,559	1/2	30,521	1/2	41,484	1/2	52,456	1/2	63,428	1/2	74,399	1/2	85,371	1/2	96,343	1/2	107,315
3/4	8,816	3/4	19,787	3/4	30,749	3/4	41,713	3/4	52,685	3/4	63,656	3/4	74,628	3/4	85,600	3/4	96,572	3/4	107,543
11	9,044	11	20,016	11	30,978	11	41,941	11	52,913	11	63,885	11	74,857	11	85,828	11	96,800	11	107,772
1/4	9,273	1/4	20,244	1/4	31,206	1/4	42,170	1/4	53,142	1/4	64,113	1/4	75,085	1/4	86,057	1/4	97,029	1/4	108,001
1/2	9,502	1/2	20,473	1/2	31,434	1/2	42,399	1/2	53,370	1/2	64,342	1/2	75,314	1/2	86,286	1/2	97,257	1/2	108,229
3/4	9,730	3/4	20,701	3/4	31,662	3/4	42,627	3/4	53,599	3/4	64,571	3/4	75,542	3/4	86,514	3/4	97,486	3/4	108,458

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 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1083"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	108,686	0	119,658	0	130,630	0	141,602	0	152,544	0		0		0		0		0	
1/4	108,915	1/4	119,887	1/4	130,858	1/4	141,830	1/4	152,730	1/4		1/4		1/4		1/4		1/4	
1/2	109,143	1/2	120,115	1/2	131,087	1/2	142,059	1/2	152,917	1/2		1/2		1/2		1/2		1/2	
3/4	109,372	3/4	120,344	3/4	131,315	3/4	142,287	3/4	153,103	3/4		3/4		3/4		3/4		3/4	
1	109,601	1	120,572	1	131,544	1	142,516	1	153,289	1		1		1		1		1	
1/4	109,829	1/4	120,801	1/4	131,773	1/4	142,744	1/4	153,404	1/4		1/4		1/4		1/4		1/4	
1/2	110,058	1/2	121,029	1/2	132,001	1/2	142,973	1/2	153,518	1/2		1/2		1/2		1/2		1/2	
3/4	110,286	3/4	121,258	3/4	132,230	3/4	143,202	3/4	153,632	3/4		3/4		3/4		3/4		3/4	
2	110,515	2	121,487	2	132,458	2	143,430	2	153,747	2		2		2		2		2	
1/4	110,743	1/4	121,715	1/4	132,687	1/4	143,659	1/4	153,794	1/4		1/4		1/4		1/4		1/4	
1/2	110,972	1/2	121,944	1/2	132,916	1/2	143,887	1/2	153,841	1/2		1/2		1/2		1/2		1/2	
3/4	111,201	3/4	122,172	3/4	133,144	3/4	144,116	3/4	153,888	3/4		3/4		3/4		3/4		3/4	
3	111,429	3	122,401	3	133,373	3	144,344	3	153,935	3		3		3		3		3	
1/4	111,658	1/4	122,630	1/4	133,601	1/4	144,573	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,886	1/2	122,858	1/2	133,830	1/2	144,802	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,115	3/4	123,087	3/4	134,058	3/4	145,030	3/4		3/4		3/4		3/4		3/4		3/4	
4	112,343	4	123,315	4	134,287	4	145,259	4		4		4		4		4		4	
1/4	112,572	1/4	123,544	1/4	134,516	1/4	145,487	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,801	1/2	123,772	1/2	134,744	1/2	145,716	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,029	3/4	124,001	3/4	134,973	3/4	145,945	3/4		3/4		3/4		3/4		3/4		3/4	
5	113,258	5	124,230	5	135,201	5	146,173	5		5		5		5		5		5	
1/4	113,486	1/4	124,458	1/4	135,430	1/4	146,402	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,715	1/2	124,687	1/2	135,658	1/2	146,630	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,944	3/4	124,915	3/4	135,887	3/4	146,859	3/4		3/4		3/4		3/4		3/4		3/4	
6	114,172	6	125,144	6	136,116	6	147,087	6		6		6		6		6		6	
1/4	114,401	1/4	125,372	1/4	136,344	1/4	147,316	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,629	1/2	125,601	1/2	136,573	1/2	147,545	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,858	3/4	125,830	3/4	136,801	3/4	147,773	3/4		3/4		3/4		3/4		3/4		3/4	
7	115,086	7	126,058	7	137,030	7	148,002	7		7		7		7		7		7	
1/4	115,315	1/4	126,287	1/4	137,259	1/4	148,230	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,544	1/2	126,515	1/2	137,487	1/2	148,459	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,772	3/4	126,744	3/4	137,716	3/4	148,687	3/4		3/4		3/4		3/4		3/4		3/4	
8	116,001	8	126,973	8	137,944	8	148,916	8		8		8		8		8		8	
1/4	116,229	1/4	127,201	1/4	138,173	1/4	149,145	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,458	1/2	127,430	1/2	138,401	1/2	149,373	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,686	3/4	127,658	3/4	138,630	3/4	149,602	3/4		3/4		3/4		3/4		3/4		3/4	
9	116,915	9	127,887	9	138,859	9	149,830	9		9		9		9		9		9	
1/4	117,144	1/4	128,115	1/4	139,087	1/4	150,059	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,372	1/2	128,344	1/2	139,316	1/2	150,287	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,601	3/4	128,573	3/4	139,544	3/4	150,516	3/4		3/4		3/4		3/4		3/4		3/4	
10	117,829	10	128,801	10	139,773	10	150,744	10		10		10		10		10		10	
1/4	118,058	1/4	129,030	1/4	140,001	1/4	150,972	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,287	1/2	129,258	1/2	140,230	1/2	151,200	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,515	3/4	129,487	3/4	140,459	3/4	151,428	3/4		3/4		3/4		3/4		3/4		3/4	
11	118,744	11	129,715	11	140,687	11	151,656	11		11		11		11		11		11	
1/4	118,972	1/4	129,944	1/4	140,916	1/4	151,878	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,201	1/2	130,173	1/2	141,144	1/2	152,100	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,429	3/4	130,401	3/4	141,373	3/4	152,322	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/05/2015 CL
CALCULATED: 08/06/2015 CL
PRINTED: 08/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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