



BARGE "IB 1111"

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

LENGTH BETWEEN DRAFT MARKS: 163'-00"

June 6, 2018

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

<http://www.pmacorp.net>



BARGE "IB 1111"

1 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	256	0	11,574	0	24,050	0	36,359	0	48,741	0	61,209	0	73,661	0	86,136	0	98,610	0	111,085
1/4	343	1/4	11,834	1/4	24,310	1/4	36,613	1/4	49,001	1/4	61,468	1/4	73,921	1/4	86,396	1/4	98,870	1/4	111,345
1/2	430	1/2	12,094	1/2	24,570	1/2	36,866	1/2	49,260	1/2	61,727	1/2	74,181	1/2	86,656	1/2	99,130	1/2	111,605
3/4	517	3/4	12,354	3/4	24,829	3/4	37,120	3/4	49,520	3/4	61,987	3/4	74,440	3/4	86,915	3/4	99,390	3/4	111,865
1	604	1	12,614	1	25,089	1	37,373	1	49,780	1	62,246	1	74,700	1	87,175	1	99,650	1	112,125
1/4	777	1/4	12,874	1/4	25,349	1/4	37,627	1/4	50,040	1/4	62,505	1/4	74,960	1/4	87,435	1/4	99,910	1/4	112,384
1/2	951	1/2	13,134	1/2	25,609	1/2	37,880	1/2	50,299	1/2	62,764	1/2	75,220	1/2	87,695	1/2	100,170	1/2	112,644
3/4	1,124	3/4	13,394	3/4	25,869	3/4	38,134	3/4	50,559	3/4	63,024	3/4	75,480	3/4	87,955	3/4	100,429	3/4	112,904
2	1,297	2	13,653	2	26,129	2	38,387	2	50,819	2	63,283	2	75,740	2	88,215	2	100,689	2	113,164
1/4	1,533	1/4	13,913	1/4	26,389	1/4	38,641	1/4	51,079	1/4	63,542	1/4	76,000	1/4	88,475	1/4	100,949	1/4	113,424
1/2	1,769	1/2	14,173	1/2	26,649	1/2	38,894	1/2	51,338	1/2	63,802	1/2	76,260	1/2	88,735	1/2	101,209	1/2	113,684
3/4	2,005	3/4	14,433	3/4	26,909	3/4	39,148	3/4	51,598	3/4	64,061	3/4	76,520	3/4	88,995	3/4	101,469	3/4	113,944
3	2,241	3	14,693	3	27,169	3	39,402	3	51,858	3	64,320	3	76,780	3	89,255	3	101,729	3	114,204
1/4	2,497	1/4	14,953	1/4	27,428	1/4	39,658	1/4	52,118	1/4	64,579	1/4	77,039	1/4	89,514	1/4	101,989	1/4	114,464
1/2	2,753	1/2	15,213	1/2	27,688	1/2	39,915	1/2	52,377	1/2	64,839	1/2	77,299	1/2	89,774	1/2	102,249	1/2	114,723
3/4	3,009	3/4	15,473	3/4	27,948	3/4	40,172	3/4	52,637	3/4	65,098	3/4	77,559	3/4	90,034	3/4	102,508	3/4	114,983
4	3,265	4	15,733	4	28,208	4	40,428	4	52,897	4	65,357	4	77,819	4	90,294	4	102,768	4	115,243
1/4	3,524	1/4	15,993	1/4	28,468	1/4	40,688	1/4	53,157	1/4	65,617	1/4	78,079	1/4	90,554	1/4	103,028	1/4	115,503
1/2	3,782	1/2	16,253	1/2	28,728	1/2	40,948	1/2	53,417	1/2	65,876	1/2	78,339	1/2	90,814	1/2	103,288	1/2	115,763
3/4	4,040	3/4	16,512	3/4	28,988	3/4	41,208	3/4	53,676	3/4	66,135	3/4	78,599	3/4	91,074	3/4	103,548	3/4	116,023
5	4,298	5	16,772	5	29,248	5	41,467	5	53,936	5	66,395	5	78,859	5	91,334	5	103,808	5	116,283
1/4	4,557	1/4	17,032	1/4	29,505	1/4	41,727	1/4	54,196	1/4	66,654	1/4	79,119	1/4	91,594	1/4	104,068	1/4	116,543
1/2	4,816	1/2	17,292	1/2	29,761	1/2	41,987	1/2	54,456	1/2	66,913	1/2	79,379	1/2	91,853	1/2	104,328	1/2	116,803
3/4	5,075	3/4	17,552	3/4	30,018	3/4	42,247	3/4	54,715	3/4	67,172	3/4	79,638	3/4	92,113	3/4	104,588	3/4	117,063
6	5,334	6	17,812	6	30,275	6	42,506	6	54,975	6	67,432	6	79,898	6	92,373	6	104,847	6	117,322
1/4	5,594	1/4	18,072	1/4	30,528	1/4	42,766	1/4	55,235	1/4	67,691	1/4	80,158	1/4	92,633	1/4	105,107	1/4	117,582
1/2	5,854	1/2	18,332	1/2	30,782	1/2	43,026	1/2	55,495	1/2	67,950	1/2	80,418	1/2	92,893	1/2	105,367	1/2	117,842
3/4	6,114	3/4	18,592	3/4	31,035	3/4	43,286	3/4	55,754	3/4	68,210	3/4	80,678	3/4	93,153	3/4	105,627	3/4	118,102
7	6,374	7	18,852	7	31,289	7	43,545	7	56,014	7	68,469	7	80,938	7	93,413	7	105,887	7	118,362
1/4	6,634	1/4	19,112	1/4	31,542	1/4	43,805	1/4	56,274	1/4	68,728	1/4	81,198	1/4	93,673	1/4	106,147	1/4	118,622
1/2	6,893	1/2	19,371	1/2	31,796	1/2	44,065	1/2	56,534	1/2	68,987	1/2	81,458	1/2	93,933	1/2	106,407	1/2	118,882
3/4	7,153	3/4	19,631	3/4	32,049	3/4	44,325	3/4	56,794	3/4	69,247	3/4	81,718	3/4	94,193	3/4	106,667	3/4	119,142
8	7,413	8	19,891	8	32,303	8	44,584	8	57,053	8	69,506	8	81,977	8	94,452	8	106,927	8	119,402
1/4	7,673	1/4	20,151	1/4	32,556	1/4	44,844	1/4	57,313	1/4	69,765	1/4	82,237	1/4	94,712	1/4	107,186	1/4	119,661
1/2	7,934	1/2	20,411	1/2	32,810	1/2	45,104	1/2	57,573	1/2	70,025	1/2	82,497	1/2	94,972	1/2	107,446	1/2	119,921
3/4	8,194	3/4	20,671	3/4	33,063	3/4	45,364	3/4	57,833	3/4	70,284	3/4	82,757	3/4	95,232	3/4	107,706	3/4	120,181
9	8,454	9	20,931	9	33,317	9	45,624	9	58,092	9	70,543	9	83,017	9	95,492	9	107,966	9	120,441
1/4	8,714	1/4	21,191	1/4	33,570	1/4	45,883	1/4	58,352	1/4	70,803	1/4	83,277	1/4	95,752	1/4	108,226	1/4	120,682
1/2	8,974	1/2	21,451	1/2	33,824	1/2	46,143	1/2	58,612	1/2	71,062	1/2	83,537	1/2	96,012	1/2	108,486	1/2	120,923
3/4	9,234	3/4	21,711	3/4	34,077	3/4	46,403	3/4	58,872	3/4	71,322	3/4	83,797	3/4	96,272	3/4	108,746	3/4	121,164
10	9,494	10	21,970	10	34,331	10	46,663	10	59,131	10	71,582	10	84,057	10	96,531	10	109,006	10	121,405
1/4	9,754	1/4	22,230	1/4	34,584	1/4	46,922	1/4	59,391	1/4	71,842	1/4	84,317	1/4	96,791	1/4	109,266	1/4	121,627
1/2	10,014	1/2	22,490	1/2	34,838	1/2	47,182	1/2	59,651	1/2	72,101	1/2	84,576	1/2	97,051	1/2	109,526	1/2	121,849
3/4	10,274	3/4	22,750	3/4	35,092	3/4	47,442	3/4	59,911	3/4	72,361	3/4	84,836	3/4	97,311	3/4	109,785	3/4	122,071
11	10,535	11	23,010	11	35,345	11	47,702	11	60,171	11	72,621	11	85,096	11	97,571	11	110,045	11	122,293
1/4	10,794	1/4	23,270	1/4	35,599	1/4	47,961	1/4	60,430	1/4	72,881	1/4	85,356	1/4	97,831	1/4	110,305	1/4	122,515
1/2	11,054	1/2	23,530	1/2	35,852	1/2	48,221	1/2	60,690	1/2	73,141	1/2	85,616	1/2	98,091	1/2	110,565	1/2	122,737
3/4	11,314	3/4	23,790	3/4	36,106	3/4	48,481	3/4	60,949	3/4	73,401	3/4	85,876	3/4	98,351	3/4	110,825	3/4	122,960

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 30'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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 Pearland, Texas 77588
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BARGE "IB 1111"

1 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		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	123,182	0	133,852	0	144,523	0	155,193	0	165,805	0		0		0		0		0	
1/4	123,404	1/4	134,075	1/4	144,745	1/4	155,415	1/4	165,960	1/4		1/4		1/4		1/4		1/4	
1/2	123,627	1/2	134,297	1/2	144,967	1/2	155,638	1/2	166,116	1/2		1/2		1/2		1/2		1/2	
3/4	123,849	3/4	134,519	3/4	145,190	3/4	155,860	3/4	166,271	3/4		3/4		3/4		3/4		3/4	
1	124,071	1	134,742	1	145,412	1	156,082	1	166,427	1		1		1		1		1	
1/4	124,293	1/4	134,964	1/4	145,634	1/4	156,305	1/4	166,516	1/4		1/4		1/4		1/4		1/4	
1/2	124,516	1/2	135,186	1/2	145,857	1/2	156,527	1/2	166,606	1/2		1/2		1/2		1/2		1/2	
3/4	124,738	3/4	135,408	3/4	146,079	3/4	156,749	3/4	166,695	3/4		3/4		3/4		3/4		3/4	
2	124,960	2	135,631	2	146,301	2	156,972	2	166,784	2		2		2		2		2	
1/4	125,183	1/4	135,853	1/4	146,523	1/4	157,194	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,405	1/2	136,075	1/2	146,746	1/2	157,416	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,627	3/4	136,298	3/4	146,968	3/4	157,638	3/4		3/4		3/4		3/4		3/4		3/4	
3	125,850	3	136,520	3	147,190	3	157,861	3		3		3		3		3		3	
1/4	126,072	1/4	136,742	1/4	147,413	1/4	158,083	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,294	1/2	136,965	1/2	147,635	1/2	158,305	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,516	3/4	137,187	3/4	147,857	3/4	158,528	3/4		3/4		3/4		3/4		3/4		3/4	
4	126,739	4	137,409	4	148,080	4	158,750	4		4		4		4		4		4	
1/4	126,961	1/4	137,631	1/4	148,302	1/4	158,972	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,183	1/2	137,854	1/2	148,524	1/2	159,195	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,406	3/4	138,076	3/4	148,746	3/4	159,417	3/4		3/4		3/4		3/4		3/4		3/4	
5	127,628	5	138,298	5	148,969	5	159,639	5		5		5		5		5		5	
1/4	127,850	1/4	138,521	1/4	149,191	1/4	159,861	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,073	1/2	138,743	1/2	149,413	1/2	160,084	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,295	3/4	138,965	3/4	149,636	3/4	160,306	3/4		3/4		3/4		3/4		3/4		3/4	
6	128,517	6	139,188	6	149,858	6	160,528	6		6		6		6		6		6	
1/4	128,739	1/4	139,410	1/4	150,080	1/4	160,751	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,962	1/2	139,632	1/2	150,303	1/2	160,973	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,184	3/4	139,854	3/4	150,525	3/4	161,195	3/4		3/4		3/4		3/4		3/4		3/4	
7	129,406	7	140,077	7	150,747	7	161,418	7		7		7		7		7		7	
1/4	129,629	1/4	140,299	1/4	150,969	1/4	161,640	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,851	1/2	140,521	1/2	151,192	1/2	161,862	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	130,073	3/4	140,744	3/4	151,414	3/4	162,084	3/4		3/4		3/4		3/4		3/4		3/4	
8	130,296	8	140,966	8	151,636	8	162,307	8		8		8		8		8		8	
1/4	130,518	1/4	141,188	1/4	151,859	1/4	162,529	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	130,740	1/2	141,411	1/2	152,081	1/2	162,751	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	130,962	3/4	141,633	3/4	152,303	3/4	162,974	3/4		3/4		3/4		3/4		3/4		3/4	
9	131,185	9	141,855	9	152,526	9	163,196	9		9		9		9		9		9	
1/4	131,407	1/4	142,077	1/4	152,748	1/4	163,418	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131,629	1/2	142,300	1/2	152,970	1/2	163,640	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131,852	3/4	142,522	3/4	153,192	3/4	163,862	3/4		3/4		3/4		3/4		3/4		3/4	
10	132,074	10	142,744	10	153,415	10	164,084	10		10		10		10		10		10	
1/4	132,296	1/4	142,967	1/4	153,637	1/4	164,306	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132,519	1/2	143,189	1/2	153,859	1/2	164,527	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	132,741	3/4	143,411	3/4	154,082	3/4	164,748	3/4		3/4		3/4		3/4		3/4		3/4	
11	132,963	11	143,634	11	154,304	11	164,969	11		11		11		11		11		11	
1/4	133,185	1/4	143,856	1/4	154,526	1/4	165,178	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	133,408	1/2	144,078	1/2	154,749	1/2	165,387	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133,630	3/4	144,300	3/4	154,971	3/4	165,596	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/05/2018 CL
CALCULATED: 06/06/2018 CL
PRINTED: 06/06/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1111"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	103	0	10,109	0	21,153	0	32,034	0	42,991	0	54,035	0	65,080	0	76,124	0	87,169	0	98,213
1/4	180	1/4	10,339	1/4	21,383	1/4	32,257	1/4	43,221	1/4	54,265	1/4	65,310	1/4	76,354	1/4	87,399	1/4	98,443
1/2	256	1/2	10,569	1/2	21,613	1/2	32,481	1/2	43,451	1/2	54,495	1/2	65,540	1/2	76,584	1/2	87,629	1/2	98,673
3/4	333	3/4	10,799	3/4	21,843	3/4	32,705	3/4	43,681	3/4	54,725	3/4	65,770	3/4	76,814	3/4	87,859	3/4	98,903
1	410	1	11,029	1	22,074	1	32,929	1	43,911	1	54,955	1	66,000	1	77,044	1	88,089	1	99,133
1/4	563	1/4	11,260	1/4	22,304	1/4	33,153	1/4	44,141	1/4	55,185	1/4	66,230	1/4	77,275	1/4	88,319	1/4	99,364
1/2	716	1/2	11,490	1/2	22,534	1/2	33,377	1/2	44,371	1/2	55,416	1/2	66,460	1/2	77,505	1/2	88,549	1/2	99,594
3/4	869	3/4	11,720	3/4	22,764	3/4	33,600	3/4	44,601	3/4	55,646	3/4	66,690	3/4	77,735	3/4	88,779	3/4	99,824
2	1,023	2	11,950	2	22,994	2	33,824	2	44,831	2	55,876	2	66,920	2	77,965	2	89,009	2	100,054
1/4	1,231	1/4	12,180	1/4	23,224	1/4	34,048	1/4	45,061	1/4	56,106	1/4	67,150	1/4	78,195	1/4	89,239	1/4	100,284
1/2	1,439	1/2	12,410	1/2	23,454	1/2	34,272	1/2	45,291	1/2	56,336	1/2	67,380	1/2	78,425	1/2	89,470	1/2	100,514
3/4	1,648	3/4	12,640	3/4	23,684	3/4	34,496	3/4	45,522	3/4	56,566	3/4	67,611	3/4	78,655	3/4	89,700	3/4	100,744
3	1,856	3	12,870	3	23,914	3	34,720	3	45,752	3	56,796	3	67,841	3	78,885	3	89,930	3	100,974
1/4	2,082	1/4	13,100	1/4	24,144	1/4	34,947	1/4	45,982	1/4	57,026	1/4	68,071	1/4	79,115	1/4	90,160	1/4	101,204
1/2	2,309	1/2	13,330	1/2	24,374	1/2	35,174	1/2	46,212	1/2	57,256	1/2	68,301	1/2	79,345	1/2	90,390	1/2	101,434
3/4	2,535	3/4	13,560	3/4	24,604	3/4	35,401	3/4	46,442	3/4	57,486	3/4	68,531	3/4	79,575	3/4	90,620	3/4	101,664
4	2,762	4	13,790	4	24,835	4	35,627	4	46,672	4	57,717	4	68,761	4	79,806	4	90,850	4	101,895
1/4	2,990	1/4	14,021	1/4	25,065	1/4	35,858	1/4	46,902	1/4	57,947	1/4	68,991	1/4	80,036	1/4	91,080	1/4	102,125
1/2	3,218	1/2	14,251	1/2	25,295	1/2	36,088	1/2	47,132	1/2	58,177	1/2	69,221	1/2	80,266	1/2	91,310	1/2	102,355
3/4	3,446	3/4	14,481	3/4	25,525	3/4	36,318	3/4	47,362	3/4	58,407	3/4	69,451	3/4	80,496	3/4	91,540	3/4	102,585
5	3,674	5	14,711	5	25,755	5	36,548	5	47,592	5	58,637	5	69,681	5	80,726	5	91,770	5	102,815
1/4	3,903	1/4	14,941	1/4	25,982	1/4	36,778	1/4	47,822	1/4	58,867	1/4	69,912	1/4	80,956	1/4	92,001	1/4	103,045
1/2	4,132	1/2	15,171	1/2	26,209	1/2	37,008	1/2	48,053	1/2	59,097	1/2	70,142	1/2	81,186	1/2	92,231	1/2	103,275
3/4	4,361	3/4	15,401	3/4	26,436	3/4	37,238	3/4	48,283	3/4	59,327	3/4	70,372	3/4	81,416	3/4	92,461	3/4	103,505
6	4,590	6	15,631	6	26,663	6	37,468	6	48,513	6	59,557	6	70,602	6	81,646	6	92,691	6	103,735
1/4	4,819	1/4	15,861	1/4	26,886	1/4	37,698	1/4	48,743	1/4	59,787	1/4	70,832	1/4	81,876	1/4	92,921	1/4	103,965
1/2	5,049	1/2	16,091	1/2	27,110	1/2	37,928	1/2	48,973	1/2	60,017	1/2	71,062	1/2	82,106	1/2	93,151	1/2	104,196
3/4	5,279	3/4	16,321	3/4	27,334	3/4	38,159	3/4	49,203	3/4	60,248	3/4	71,292	3/4	82,337	3/4	93,381	3/4	104,426
7	5,508	7	16,551	7	27,558	7	38,389	7	49,433	7	60,478	7	71,522	7	82,567	7	93,611	7	104,656
1/4	5,738	1/4	16,782	1/4	27,782	1/4	38,619	1/4	49,663	1/4	60,708	1/4	71,752	1/4	82,797	1/4	93,841	1/4	104,886
1/2	5,968	1/2	17,012	1/2	28,005	1/2	38,849	1/2	49,893	1/2	60,938	1/2	71,982	1/2	83,027	1/2	94,071	1/2	105,116
3/4	6,198	3/4	17,242	3/4	28,229	3/4	39,079	3/4	50,123	3/4	61,168	3/4	72,212	3/4	83,257	3/4	94,301	3/4	105,346
8	6,428	8	17,472	8	28,453	8	39,309	8	50,354	8	61,398	8	72,443	8	83,487	8	94,532	8	105,576
1/4	6,658	1/4	17,702	1/4	28,677	1/4	39,539	1/4	50,584	1/4	61,628	1/4	72,673	1/4	83,717	1/4	94,762	1/4	105,806
1/2	6,888	1/2	17,932	1/2	28,901	1/2	39,769	1/2	50,814	1/2	61,858	1/2	72,903	1/2	83,947	1/2	94,992	1/2	106,036
3/4	7,118	3/4	18,162	3/4	29,124	3/4	39,999	3/4	51,044	3/4	62,088	3/4	73,133	3/4	84,177	3/4	95,222	3/4	106,266
9	7,348	9	18,392	9	29,348	9	40,229	9	51,274	9	62,318	9	73,363	9	84,407	9	95,452	9	106,496
1/4	7,578	1/4	18,622	1/4	29,572	1/4	40,459	1/4	51,504	1/4	62,549	1/4	73,593	1/4	84,638	1/4	95,682	1/4	106,727
1/2	7,808	1/2	18,852	1/2	29,796	1/2	40,690	1/2	51,734	1/2	62,779	1/2	73,823	1/2	84,868	1/2	95,912	1/2	106,957
3/4	8,038	3/4	19,082	3/4	30,020	3/4	40,920	3/4	51,964	3/4	63,009	3/4	74,053	3/4	85,098	3/4	96,142	3/4	107,187
10	8,268	10	19,313	10	30,243	10	41,150	10	52,194	10	63,239	10	74,283	10	85,328	10	96,372	10	107,417
1/4	8,499	1/4	19,543	1/4	30,467	1/4	41,380	1/4	52,424	1/4	63,469	1/4	74,513	1/4	85,558	1/4	96,602	1/4	107,647
1/2	8,729	1/2	19,773	1/2	30,691	1/2	41,610	1/2	52,654	1/2	63,699	1/2	74,743	1/2	85,788	1/2	96,833	1/2	107,877
3/4	8,959	3/4	20,003	3/4	30,915	3/4	41,840	3/4	52,885	3/4	63,929	3/4	74,974	3/4	86,018	3/4	97,063	3/4	108,107
11	9,189	11	20,233	11	31,139	11	42,070	11	53,115	11	64,159	11	75,204	11	86,248	11	97,293	11	108,337
1/4	9,419	1/4	20,463	1/4	31,362	1/4	42,300	1/4	53,345	1/4	64,389	1/4	75,434	1/4	86,478	1/4	97,523	1/4	108,567
1/2	9,649	1/2	20,693	1/2	31,586	1/2	42,530	1/2	53,575	1/2	64,619	1/2	75,664	1/2	86,708	1/2	97,753	1/2	108,797
3/4	9,879	3/4	20,923	3/4	31,810	3/4	42,760	3/4	53,805	3/4	64,849	3/4	75,894	3/4	86,938	3/4	97,983	3/4	109,028

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'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "IB 1111"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/2"

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	IN	0
1/4	109,488	1/4	120,532	1/4	131,577	1/4	142,621	1/4	153,555	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,718	1/2	120,762	1/2	131,807	1/2	142,851	1/2	153,726	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,948	3/4	120,992	3/4	132,037	3/4	143,081	3/4	153,897	3/4		3/4		3/4		3/4		3/4		3/4	
1	110,178	1	121,222	1	132,267	1	143,312	1	154,068	1		1		1		1		1		1	
1/4	110,408	1/4	121,453	1/4	132,497	1/4	143,542	1/4	154,164	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,638	1/2	121,683	1/2	132,727	1/2	143,772	1/2	154,260	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,868	3/4	121,913	3/4	132,957	3/4	144,002	3/4	154,355	3/4		3/4		3/4		3/4		3/4		3/4	
2	111,098	2	122,143	2	133,187	2	144,232	2	154,451	2		2		2		2		2		2	
1/4	111,328	1/4	122,373	1/4	133,417	1/4	144,462	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,559	1/2	122,603	1/2	133,648	1/2	144,692	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,789	3/4	122,833	3/4	133,878	3/4	144,922	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	112,019	3	123,063	3	134,108	3	145,152	3		3		3		3		3		3		3	
1/4	112,249	1/4	123,293	1/4	134,338	1/4	145,382	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,479	1/2	123,523	1/2	134,568	1/2	145,612	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,709	3/4	123,754	3/4	134,798	3/4	145,843	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	112,939	4	123,984	4	135,028	4	146,073	4		4		4		4		4		4		4	
1/4	113,169	1/4	124,214	1/4	135,258	1/4	146,303	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,399	1/2	124,444	1/2	135,488	1/2	146,533	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,629	3/4	124,674	3/4	135,718	3/4	146,763	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	113,859	5	124,904	5	135,949	5	146,993	5		5		5		5		5		5		5	
1/4	114,090	1/4	125,134	1/4	136,179	1/4	147,223	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,320	1/2	125,364	1/2	136,409	1/2	147,453	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,550	3/4	125,594	3/4	136,639	3/4	147,683	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	114,780	6	125,824	6	136,869	6	147,913	6		6		6		6		6		6		6	
1/4	115,010	1/4	126,054	1/4	137,099	1/4	148,144	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,240	1/2	126,285	1/2	137,329	1/2	148,374	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,470	3/4	126,515	3/4	137,559	3/4	148,604	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	115,700	7	126,745	7	137,789	7	148,834	7		7		7		7		7		7		7	
1/4	115,930	1/4	126,975	1/4	138,019	1/4	149,064	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,160	1/2	127,205	1/2	138,249	1/2	149,294	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,391	3/4	127,435	3/4	138,480	3/4	149,524	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	116,621	8	127,665	8	138,710	8	149,754	8		8		8		8		8		8		8	
1/4	116,851	1/4	127,895	1/4	138,940	1/4	149,984	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,081	1/2	128,125	1/2	139,170	1/2	150,214	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,311	3/4	128,355	3/4	139,400	3/4	150,444	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	117,541	9	128,586	9	139,630	9	150,674	9		9		9		9		9		9		9	
1/4	117,771	1/4	128,816	1/4	139,860	1/4	150,904	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,001	1/2	129,046	1/2	140,090	1/2	151,134	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,231	3/4	129,276	3/4	140,320	3/4	151,364	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	118,461	10	129,506	10	140,550	10	151,594	10		10		10		10		10		10		10	
1/4	118,691	1/4	129,736	1/4	140,780	1/4	151,823	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,922	1/2	129,966	1/2	141,011	1/2	152,053	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,152	3/4	130,196	3/4	141,241	3/4	152,282	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	119,382	11	130,426	11	141,471	11	152,511	11		11		11		11		11		11		11	
1/4	119,612	1/4	130,656	1/4	141,701	1/4	152,729	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,842	1/2	130,886	1/2	141,931	1/2	152,947	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,072	3/4	131,117	3/4	142,161	3/4	153,166	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/05/2018 CL
CALCULATED: 06/06/2018 CL
PRINTED: 06/06/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1111"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	102	0	10,036	0	20,999	0	31,951	0	42,910	0	53,874	0	64,838	0	75,802	0	86,766	0	97,730
1/4	179	1/4	10,264	1/4	21,228	1/4	32,179	1/4	43,138	1/4	54,102	1/4	65,066	1/4	76,030	1/4	86,994	1/4	97,959
1/2	255	1/2	10,493	1/2	21,456	1/2	32,407	1/2	43,367	1/2	54,331	1/2	65,295	1/2	76,259	1/2	87,223	1/2	98,187
3/4	331	3/4	10,721	3/4	21,685	3/4	32,635	3/4	43,595	3/4	54,559	3/4	65,523	3/4	76,487	3/4	87,451	3/4	98,415
1	407	1	10,949	1	21,913	1	32,863	1	43,823	1	54,787	1	65,752	1	76,716	1	87,680	1	98,644
1/4	559	1/4	11,178	1/4	22,141	1/4	33,091	1/4	44,052	1/4	55,016	1/4	65,980	1/4	76,944	1/4	87,908	1/4	98,872
1/2	711	1/2	11,406	1/2	22,370	1/2	33,319	1/2	44,280	1/2	55,244	1/2	66,208	1/2	77,172	1/2	88,137	1/2	99,101
3/4	863	3/4	11,635	3/4	22,598	3/4	33,547	3/4	44,509	3/4	55,473	3/4	66,437	3/4	77,401	3/4	88,365	3/4	99,329
2	1,015	2	11,863	2	22,827	2	33,775	2	44,737	2	55,701	2	66,665	2	77,629	2	88,593	2	99,557
1/4	1,222	1/4	12,091	1/4	23,055	1/4	34,003	1/4	44,965	1/4	55,930	1/4	66,894	1/4	77,858	1/4	88,822	1/4	99,786
1/2	1,429	1/2	12,320	1/2	23,283	1/2	34,231	1/2	45,194	1/2	56,158	1/2	67,122	1/2	78,086	1/2	89,050	1/2	100,014
3/4	1,636	3/4	12,548	3/4	23,512	3/4	34,459	3/4	45,422	3/4	56,386	3/4	67,350	3/4	78,315	3/4	89,279	3/4	100,243
3	1,843	3	12,777	3	23,740	3	34,687	3	45,651	3	56,615	3	67,579	3	78,543	3	89,507	3	100,471
1/4	2,067	1/4	13,005	1/4	23,969	1/4	34,916	1/4	45,879	1/4	56,843	1/4	67,807	1/4	78,771	1/4	89,735	1/4	100,700
1/2	2,292	1/2	13,233	1/2	24,197	1/2	35,144	1/2	46,108	1/2	57,072	1/2	68,036	1/2	79,000	1/2	89,964	1/2	100,928
3/4	2,517	3/4	13,462	3/4	24,426	3/4	35,372	3/4	46,336	3/4	57,300	3/4	68,264	3/4	79,228	3/4	90,192	3/4	101,156
4	2,742	4	13,690	4	24,654	4	35,600	4	46,564	4	57,528	4	68,493	4	79,457	4	90,421	4	101,385
1/4	2,968	1/4	13,919	1/4	24,882	1/4	35,829	1/4	46,793	1/4	57,757	1/4	68,721	1/4	79,685	1/4	90,649	1/4	101,613
1/2	3,194	1/2	14,147	1/2	25,111	1/2	36,057	1/2	47,021	1/2	57,985	1/2	68,949	1/2	79,913	1/2	90,878	1/2	101,842
3/4	3,421	3/4	14,376	3/4	25,339	3/4	36,286	3/4	47,250	3/4	58,214	3/4	69,178	3/4	80,142	3/4	91,106	3/4	102,070
5	3,647	5	14,604	5	25,568	5	36,514	5	47,478	5	58,442	5	69,406	5	80,370	5	91,334	5	102,298
1/4	3,874	1/4	14,832	1/4	25,796	1/4	36,742	1/4	47,706	1/4	58,671	1/4	69,635	1/4	80,599	1/4	91,563	1/4	102,527
1/2	4,102	1/2	15,061	1/2	26,024	1/2	36,971	1/2	47,935	1/2	58,899	1/2	69,863	1/2	80,827	1/2	91,791	1/2	102,755
3/4	4,329	3/4	15,289	3/4	26,252	3/4	37,199	3/4	48,163	3/4	59,127	3/4	70,091	3/4	81,056	3/4	92,020	3/4	102,984
6	4,557	6	15,518	6	26,480	6	37,428	6	48,392	6	59,356	6	70,320	6	81,284	6	92,248	6	103,212
1/4	4,784	1/4	15,746	1/4	26,708	1/4	37,656	1/4	48,620	1/4	59,584	1/4	70,548	1/4	81,512	1/4	92,476	1/4	103,441
1/2	5,012	1/2	15,974	1/2	26,936	1/2	37,884	1/2	48,849	1/2	59,813	1/2	70,777	1/2	81,741	1/2	92,705	1/2	103,669
3/4	5,240	3/4	16,203	3/4	27,164	3/4	38,113	3/4	49,077	3/4	60,041	3/4	71,005	3/4	81,969	3/4	92,933	3/4	103,897
7	5,468	7	16,431	7	27,392	7	38,341	7	49,305	7	60,269	7	71,234	7	82,198	7	93,162	7	104,126
1/4	5,697	1/4	16,660	1/4	27,620	1/4	38,570	1/4	49,534	1/4	60,498	1/4	71,462	1/4	82,426	1/4	93,390	1/4	104,354
1/2	5,925	1/2	16,888	1/2	27,848	1/2	38,798	1/2	49,762	1/2	60,726	1/2	71,690	1/2	82,654	1/2	93,619	1/2	104,583
3/4	6,153	3/4	17,116	3/4	28,076	3/4	39,027	3/4	49,991	3/4	60,955	3/4	71,919	3/4	82,883	3/4	93,847	3/4	104,811
8	6,381	8	17,345	8	28,304	8	39,255	8	50,219	8	61,183	8	72,147	8	83,111	8	94,075	8	105,040
1/4	6,610	1/4	17,573	1/4	28,532	1/4	39,483	1/4	50,447	1/4	61,412	1/4	72,376	1/4	83,340	1/4	94,304	1/4	105,268
1/2	6,838	1/2	17,802	1/2	28,760	1/2	39,712	1/2	50,676	1/2	61,640	1/2	72,604	1/2	83,568	1/2	94,532	1/2	105,496
3/4	7,066	3/4	18,030	3/4	28,988	3/4	39,940	3/4	50,904	3/4	61,868	3/4	72,832	3/4	83,797	3/4	94,761	3/4	105,725
9	7,295	9	18,258	9	29,216	9	40,169	9	51,133	9	62,097	9	73,061	9	84,025	9	94,989	9	105,953
1/4	7,523	1/4	18,487	1/4	29,444	1/4	40,397	1/4	51,361	1/4	62,325	1/4	73,289	1/4	84,253	1/4	95,218	1/4	106,182
1/2	7,752	1/2	18,715	1/2	29,672	1/2	40,625	1/2	51,590	1/2	62,554	1/2	73,518	1/2	84,482	1/2	95,446	1/2	106,410
3/4	7,980	3/4	18,944	3/4	29,900	3/4	40,854	3/4	51,818	3/4	62,782	3/4	73,746	3/4	84,710	3/4	95,674	3/4	106,638
10	8,208	10	19,172	10	30,128	10	41,082	10	52,046	10	63,011	10	73,975	10	84,939	10	95,903	10	106,867
1/4	8,437	1/4	19,401	1/4	30,356	1/4	41,311	1/4	52,275	1/4	63,239	1/4	74,203	1/4	85,167	1/4	96,131	1/4	107,095
1/2	8,665	1/2	19,629	1/2	30,584	1/2	41,539	1/2	52,503	1/2	63,467	1/2	74,431	1/2	85,396	1/2	96,360	1/2	107,324
3/4	8,894	3/4	19,857	3/4	30,812	3/4	41,768	3/4	52,732	3/4	63,696	3/4	74,660	3/4	85,624	3/4	96,588	3/4	107,552
11	9,122	11	20,086	11	31,040	11	41,996	11	52,960	11	63,924	11	74,888	11	85,852	11	96,816	11	107,781
1/4	9,350	1/4	20,314	1/4	31,268	1/4	42,224	1/4	53,189	1/4	64,153	1/4	75,117	1/4	86,081	1/4	97,045	1/4	108,009
1/2	9,579	1/2	20,543	1/2	31,496	1/2	42,453	1/2	53,417	1/2	64,381	1/2	75,345	1/2	86,309	1/2	97,273	1/2	108,237
3/4	9,807	3/4	20,771	3/4	31,723	3/4	42,681	3/4	53,645	3/4	64,609	3/4	75,574	3/4	86,538	3/4	97,502	3/4	108,466

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
<http://www.pmacorp.net>



BARGE "IB 1111"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/2"

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
0	108,694	0	119,658	0	130,622	0	141,586	0	152,499	0		0		0		0		0	
1/4	108,923	1/4	119,887	1/4	130,851	1/4	141,815	1/4	152,669	1/4		1/4		1/4		1/4		1/4	
1/2	109,151	1/2	120,115	1/2	131,079	1/2	142,043	1/2	152,839	1/2		1/2		1/2		1/2		1/2	
3/4	109,379	3/4	120,344	3/4	131,308	3/4	142,272	3/4	153,008	3/4		3/4		3/4		3/4		3/4	
1	109,608	1	120,572	1	131,536	1	142,500	1	153,178	1		1		1		1		1	
1/4	109,836	1/4	120,800	1/4	131,764	1/4	142,729	1/4	153,273	1/4		1/4		1/4		1/4		1/4	
1/2	110,065	1/2	121,029	1/2	131,993	1/2	142,957	1/2	153,369	1/2		1/2		1/2		1/2		1/2	
3/4	110,293	3/4	121,257	3/4	132,221	3/4	143,185	3/4	153,464	3/4		3/4		3/4		3/4		3/4	
2	110,522	2	121,486	2	132,450	2	143,414	2	153,559	2		2		2		2		2	
1/4	110,750	1/4	121,714	1/4	132,678	1/4	143,642	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,978	1/2	121,942	1/2	132,907	1/2	143,871	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,207	3/4	122,171	3/4	133,135	3/4	144,099	3/4		3/4		3/4		3/4		3/4		3/4	
3	111,435	3	122,399	3	133,363	3	144,327	3		3		3		3		3		3	
1/4	111,664	1/4	122,628	1/4	133,592	1/4	144,556	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,892	1/2	122,856	1/2	133,820	1/2	144,784	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,120	3/4	123,085	3/4	134,049	3/4	145,013	3/4		3/4		3/4		3/4		3/4		3/4	
4	112,349	4	123,313	4	134,277	4	145,241	4		4		4		4		4		4	
1/4	112,577	1/4	123,541	1/4	134,505	1/4	145,470	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,806	1/2	123,770	1/2	134,734	1/2	145,698	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,034	3/4	123,998	3/4	134,962	3/4	145,926	3/4		3/4		3/4		3/4		3/4		3/4	
5	113,263	5	124,227	5	135,191	5	146,155	5		5		5		5		5		5	
1/4	113,491	1/4	124,455	1/4	135,419	1/4	146,383	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,719	1/2	124,683	1/2	135,648	1/2	146,612	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,948	3/4	124,912	3/4	135,876	3/4	146,840	3/4		3/4		3/4		3/4		3/4		3/4	
6	114,176	6	125,140	6	136,104	6	147,069	6		6		6		6		6		6	
1/4	114,405	1/4	125,369	1/4	136,333	1/4	147,297	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,633	1/2	125,597	1/2	136,561	1/2	147,525	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,862	3/4	125,826	3/4	136,790	3/4	147,754	3/4		3/4		3/4		3/4		3/4		3/4	
7	115,090	7	126,054	7	137,018	7	147,982	7		7		7		7		7		7	
1/4	115,318	1/4	126,282	1/4	137,247	1/4	148,211	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,547	1/2	126,511	1/2	137,475	1/2	148,439	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,775	3/4	126,739	3/4	137,703	3/4	148,667	3/4		3/4		3/4		3/4		3/4		3/4	
8	116,004	8	126,968	8	137,932	8	148,896	8		8		8		8		8		8	
1/4	116,232	1/4	127,196	1/4	138,160	1/4	149,124	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,460	1/2	127,425	1/2	138,389	1/2	149,353	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,689	3/4	127,653	3/4	138,617	3/4	149,581	3/4		3/4		3/4		3/4		3/4		3/4	
9	116,917	9	127,881	9	138,845	9	149,810	9		9		9		9		9		9	
1/4	117,146	1/4	128,110	1/4	139,074	1/4	150,038	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,374	1/2	128,338	1/2	139,302	1/2	150,266	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,603	3/4	128,567	3/4	139,531	3/4	150,494	3/4		3/4		3/4		3/4		3/4		3/4	
10	117,831	10	128,795	10	139,759	10	150,722	10		10		10		10		10		10	
1/4	118,059	1/4	129,023	1/4	139,988	1/4	150,950	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,288	1/2	129,252	1/2	140,216	1/2	151,178	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,516	3/4	129,480	3/4	140,444	3/4	151,405	3/4		3/4		3/4		3/4		3/4		3/4	
11	118,745	11	129,709	11	140,673	11	151,633	11		11		11		11		11		11	
1/4	118,973	1/4	129,937	1/4	140,901	1/4	151,849	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,201	1/2	130,166	1/2	141,130	1/2	152,066	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,430	3/4	130,394	3/4	141,358	3/4	152,283	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/05/2018 CL
CALCULATED: 06/06/2018 CL
PRINTED: 06/06/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2018

PRECISION MEASUREMENT
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