



BARGE "IB 1085"

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 13, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1085"

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	11,487	0	23,973	0	36,295	0	48,683	0	61,161	0	73,622	0	86,107	0	98,591	0	111,076
1/4	311	1/4	11,747	1/4	24,233	1/4	36,549	1/4	48,943	1/4	61,420	1/4	73,883	1/4	86,367	1/4	98,851	1/4	111,336
1/2	387	1/2	12,008	1/2	24,493	1/2	36,802	1/2	49,203	1/2	61,680	1/2	74,143	1/2	86,627	1/2	99,112	1/2	111,596
3/4	463	3/4	12,268	3/4	24,753	3/4	37,056	3/4	49,463	3/4	61,939	3/4	74,403	3/4	86,887	3/4	99,372	3/4	111,856
1	539	1	12,528	1	25,013	1	37,310	1	49,723	1	62,199	1	74,663	1	87,148	1	99,632	1	112,116
1/4	702	1/4	12,788	1/4	25,273	1/4	37,564	1/4	49,983	1/4	62,458	1/4	74,923	1/4	87,408	1/4	99,892	1/4	112,376
1/2	864	1/2	13,048	1/2	25,533	1/2	37,817	1/2	50,243	1/2	62,718	1/2	75,183	1/2	87,668	1/2	100,152	1/2	112,636
3/4	1,027	3/4	13,308	3/4	25,793	3/4	38,071	3/4	50,503	3/4	62,977	3/4	75,443	3/4	87,928	3/4	100,412	3/4	112,896
2	1,190	2	13,568	2	26,053	2	38,325	2	50,763	2	63,237	2	75,703	2	88,188	2	100,672	2	113,156
1/4	1,423	1/4	13,828	1/4	26,314	1/4	38,579	1/4	51,023	1/4	63,496	1/4	75,963	1/4	88,448	1/4	100,932	1/4	113,416
1/2	1,655	1/2	14,089	1/2	26,574	1/2	38,832	1/2	51,283	1/2	63,756	1/2	76,223	1/2	88,708	1/2	101,192	1/2	113,677
3/4	1,888	3/4	14,349	3/4	26,834	3/4	39,086	3/4	51,543	3/4	64,015	3/4	76,484	3/4	88,968	3/4	101,452	3/4	113,937
3	2,121	3	14,609	3	27,094	3	39,340	3	51,803	3	64,275	3	76,744	3	89,228	3	101,712	3	114,197
1/4	2,380	1/4	14,869	1/4	27,354	1/4	39,596	1/4	52,063	1/4	64,534	1/4	77,004	1/4	89,488	1/4	101,972	1/4	114,457
1/2	2,639	1/2	15,129	1/2	27,614	1/2	39,852	1/2	52,323	1/2	64,794	1/2	77,264	1/2	89,748	1/2	102,232	1/2	114,717
3/4	2,898	3/4	15,389	3/4	27,874	3/4	40,108	3/4	52,583	3/4	65,053	3/4	77,524	3/4	90,009	3/4	102,492	3/4	114,977
4	3,157	4	15,649	4	28,134	4	40,364	4	52,843	4	65,313	4	77,784	4	90,269	4	102,753	4	115,237
1/4	3,417	1/4	15,909	1/4	28,394	1/4	40,624	1/4	53,103	1/4	65,572	1/4	78,044	1/4	90,529	1/4	103,013	1/4	115,497
1/2	3,677	1/2	16,169	1/2	28,654	1/2	40,884	1/2	53,363	1/2	65,832	1/2	78,304	1/2	90,789	1/2	103,273	1/2	115,757
3/4	3,937	3/4	16,429	3/4	28,915	3/4	41,144	3/4	53,623	3/4	66,091	3/4	78,564	3/4	91,049	3/4	103,533	3/4	116,017
5	4,198	5	16,690	5	29,175	5	41,404	5	53,883	5	66,351	5	78,824	5	91,309	5	103,793	5	116,277
1/4	4,458	1/4	16,950	1/4	29,432	1/4	41,664	1/4	54,142	1/4	66,610	1/4	79,084	1/4	91,569	1/4	104,053	1/4	116,538
1/2	4,719	1/2	17,210	1/2	29,690	1/2	41,924	1/2	54,402	1/2	66,870	1/2	79,345	1/2	91,829	1/2	104,313	1/2	116,798
3/4	4,979	3/4	17,470	3/4	29,948	3/4	42,184	3/4	54,662	3/4	67,129	3/4	79,605	3/4	92,089	3/4	104,573	3/4	117,058
6	5,240	6	17,730	6	30,206	6	42,444	6	54,922	6	67,389	6	79,865	6	92,349	6	104,833	6	117,318
1/4	5,500	1/4	17,990	1/4	30,459	1/4	42,704	1/4	55,182	1/4	67,648	1/4	80,125	1/4	92,610	1/4	105,093	1/4	117,578
1/2	5,761	1/2	18,250	1/2	30,713	1/2	42,964	1/2	55,442	1/2	67,908	1/2	80,385	1/2	92,870	1/2	105,353	1/2	117,838
3/4	6,021	3/4	18,510	3/4	30,967	3/4	43,224	3/4	55,702	3/4	68,167	3/4	80,645	3/4	93,130	3/4	105,614	3/4	118,098
7	6,282	7	18,770	7	31,220	7	43,484	7	55,962	7	68,427	7	80,905	7	93,390	7	105,874	7	118,358
1/4	6,542	1/4	19,031	1/4	31,474	1/4	43,744	1/4	56,222	1/4	68,686	1/4	81,165	1/4	93,650	1/4	106,134	1/4	118,618
1/2	6,803	1/2	19,291	1/2	31,728	1/2	44,004	1/2	56,482	1/2	68,946	1/2	81,425	1/2	93,910	1/2	106,394	1/2	118,878
3/4	7,063	3/4	19,551	3/4	31,982	3/4	44,264	3/4	56,742	3/4	69,205	3/4	81,685	3/4	94,170	3/4	106,654	3/4	119,139
8	7,323	8	19,811	8	32,235	8	44,524	8	57,002	8	69,465	8	81,946	8	94,430	8	106,914	8	119,399
1/4	7,584	1/4	20,071	1/4	32,489	1/4	44,784	1/4	57,262	1/4	69,724	1/4	82,206	1/4	94,690	1/4	107,174	1/4	119,659
1/2	7,844	1/2	20,331	1/2	32,743	1/2	45,044	1/2	57,522	1/2	69,984	1/2	82,466	1/2	94,950	1/2	107,434	1/2	119,919
3/4	8,104	3/4	20,591	3/4	32,997	3/4	45,304	3/4	57,782	3/4	70,243	3/4	82,726	3/4	95,210	3/4	107,694	3/4	120,179
9	8,364	9	20,851	9	33,250	9	45,564	9	58,042	9	70,503	9	82,986	9	95,471	9	107,954	9	120,439
1/4	8,625	1/4	21,111	1/4	33,504	1/4	45,824	1/4	58,302	1/4	70,763	1/4	83,246	1/4	95,731	1/4	108,214	1/4	120,685
1/2	8,885	1/2	21,372	1/2	33,758	1/2	46,083	1/2	58,562	1/2	71,022	1/2	83,506	1/2	95,991	1/2	108,475	1/2	120,931
3/4	9,145	3/4	21,632	3/4	34,011	3/4	46,343	3/4	58,822	3/4	71,282	3/4	83,766	3/4	96,251	3/4	108,735	3/4	121,177
10	9,406	10	21,892	10	34,265	10	46,603	10	59,082	10	71,542	10	84,026	10	96,511	10	108,995	10	121,422
1/4	9,666	1/4	22,152	1/4	34,519	1/4	46,863	1/4	59,342	1/4	71,802	1/4	84,286	1/4	96,771	1/4	109,255	1/4	121,645
1/2	9,926	1/2	22,412	1/2	34,773	1/2	47,123	1/2	59,602	1/2	72,062	1/2	84,547	1/2	97,031	1/2	109,515	1/2	121,867
3/4	10,187	3/4	22,672	3/4	35,026	3/4	47,383	3/4	59,862	3/4	72,322	3/4	84,807	3/4	97,291	3/4	109,775	3/4	122,089
11	10,447	11	22,932	11	35,280	11	47,643	11	60,122	11	72,582	11	85,067	11	97,551	11	110,035	11	122,311
1/4	10,707	1/4	23,192	1/4	35,534	1/4	47,903	1/4	60,382	1/4	72,842	1/4	85,327	1/4	97,811	1/4	110,295	1/4	122,534
1/2	10,967	1/2	23,452	1/2	35,787	1/2	48,163	1/2	60,641	1/2	73,102	1/2	85,587	1/2	98,071	1/2	110,555	1/2	122,756
3/4	11,227	3/4	23,712	3/4	36,041	3/4	48,423	3/4	60,901	3/4	73,362	3/4	85,847	3/4	98,331	3/4	110,815	3/4	122,979

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77568
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BARGE "IB 1085"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	123,201	0	133,883	0	144,564	0	155,245	0	166,864	0		0		0		0		0	
1/4	123,424	1/4	134,105	1/4	144,786	1/4	155,468	1/4	167,076	1/4		1/4		1/4		1/4		1/4	
1/2	123,646	1/2	134,328	1/2	145,009	1/2	155,690	1/2	167,289	1/2		1/2		1/2		1/2		1/2	
3/4	123,869	3/4	134,550	3/4	145,231	3/4	155,913	3/4	167,501	3/4		3/4		3/4		3/4		3/4	
1	124,091	1	134,773	1	145,454	1	156,135	1	167,714	1		1		1		1		1	
1/4	124,314	1/4	134,995	1/4	145,677	1/4	156,358	1/4	167,844	1/4		1/4		1/4		1/4		1/4	
1/2	124,536	1/2	135,218	1/2	145,899	1/2	156,580	1/2	167,975	1/2		1/2		1/2		1/2		1/2	
3/4	124,759	3/4	135,440	3/4	146,122	3/4	156,803	3/4	168,105	3/4		3/4		3/4		3/4		3/4	
2	124,981	2	135,663	2	146,344	2	157,025	2	168,235	2		2		2		2		2	
1/4	125,204	1/4	135,885	1/4	146,567	1/4	157,248	1/4	168,289	1/4		1/4		1/4		1/4		1/4	
1/2	125,427	1/2	136,108	1/2	146,789	1/2	157,470	1/2	168,342	1/2		1/2		1/2		1/2		1/2	
3/4	125,649	3/4	136,330	3/4	147,012	3/4	157,693	3/4	168,396	3/4		3/4		3/4		3/4		3/4	
3	125,872	3	136,553	3	147,234	3	157,916	3	168,450	3		3		3		3		3	
1/4	126,094	1/4	136,775	1/4	147,457	1/4	158,138	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,317	1/2	136,998	1/2	147,679	1/2	158,361	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,539	3/4	137,220	3/4	147,902	3/4	158,583	3/4		3/4		3/4		3/4		3/4		3/4	
4	126,762	4	137,443	4	148,124	4	158,806	4		4		4		4		4		4	
1/4	126,984	1/4	137,666	1/4	148,347	1/4	159,028	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,207	1/2	137,888	1/2	148,569	1/2	159,251	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,429	3/4	138,111	3/4	148,792	3/4	159,473	3/4		3/4		3/4		3/4		3/4		3/4	
5	127,652	5	138,333	5	149,014	5	159,696	5		5		5		5		5		5	
1/4	127,874	1/4	138,556	1/4	149,237	1/4	159,933	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,097	1/2	138,778	1/2	149,460	1/2	160,169	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,319	3/4	139,001	3/4	149,682	3/4	160,406	3/4		3/4		3/4		3/4		3/4		3/4	
6	128,542	6	139,223	6	149,905	6	160,643	6		6		6		6		6		6	
1/4	128,764	1/4	139,446	1/4	150,127	1/4	160,904	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,987	1/2	139,668	1/2	150,350	1/2	161,164	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,210	3/4	139,891	3/4	150,572	3/4	161,425	3/4		3/4		3/4		3/4		3/4		3/4	
7	129,432	7	140,113	7	150,795	7	161,685	7		7		7		7		7		7	
1/4	129,655	1/4	140,336	1/4	151,017	1/4	161,946	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,877	1/2	140,558	1/2	151,240	1/2	162,207	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	130,100	3/4	140,781	3/4	151,462	3/4	162,467	3/4		3/4		3/4		3/4		3/4		3/4	
8	130,322	8	141,003	8	151,685	8	162,728	8		8		8		8		8		8	
1/4	130,545	1/4	141,226	1/4	151,907	1/4	162,988	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	130,767	1/2	141,449	1/2	152,130	1/2	163,249	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	130,990	3/4	141,671	3/4	152,352	3/4	163,510	3/4		3/4		3/4		3/4		3/4		3/4	
9	131,212	9	141,894	9	152,575	9	163,770	9		9		9		9		9		9	
1/4	131,435	1/4	142,116	1/4	152,797	1/4	164,031	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131,657	1/2	142,339	1/2	153,020	1/2	164,291	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131,880	3/4	142,561	3/4	153,242	3/4	164,552	3/4		3/4		3/4		3/4		3/4		3/4	
10	132,102	10	142,784	10	153,465	10	164,812	10		10		10		10		10		10	
1/4	132,325	1/4	143,006	1/4	153,688	1/4	165,072	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132,547	1/2	143,229	1/2	153,910	1/2	165,332	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	132,770	3/4	143,451	3/4	154,133	3/4	165,592	3/4		3/4		3/4		3/4		3/4		3/4	
11	132,992	11	143,674	11	154,355	11	165,852	11		11		11		11		11		11	
1/4	133,215	1/4	143,896	1/4	154,578	1/4	166,105	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	133,438	1/2	144,119	1/2	154,800	1/2	166,358	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133,660	3/4	144,341	3/4	155,023	3/4	166,611	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 08/05/2015 CL
CALCULATED: 08/06/2015 CL
PRINTED: 08/12/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "IB 1085"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	84	0	10,053	0	21,128	0	32,042	0	43,027	0	54,102	0	65,178	0	76,253	0	87,329	0	98,404
1/4	151	1/4	10,283	1/4	21,359	1/4	32,267	1/4	43,257	1/4	54,333	1/4	65,408	1/4	76,484	1/4	87,560	1/4	98,635
1/2	219	1/2	10,514	1/2	21,589	1/2	32,491	1/2	43,488	1/2	54,564	1/2	65,639	1/2	76,715	1/2	87,790	1/2	98,866
3/4	286	3/4	10,745	3/4	21,820	3/4	32,715	3/4	43,719	3/4	54,794	3/4	65,870	3/4	76,945	3/4	88,021	3/4	99,097
1	353	1	10,976	1	22,051	1	32,940	1	43,950	1	55,025	1	66,101	1	77,176	1	88,252	1	99,327
1/4	497	1/4	11,206	1/4	22,282	1/4	33,164	1/4	44,180	1/4	55,256	1/4	66,331	1/4	77,407	1/4	88,483	1/4	99,558
1/2	642	1/2	11,437	1/2	22,512	1/2	33,389	1/2	44,411	1/2	55,487	1/2	66,562	1/2	77,638	1/2	88,713	1/2	99,789
3/4	786	3/4	11,668	3/4	22,743	3/4	33,613	3/4	44,642	3/4	55,717	3/4	66,793	3/4	77,868	3/4	88,944	3/4	100,020
2	930	2	11,899	2	22,974	2	33,838	2	44,872	2	55,948	2	67,024	2	78,099	2	89,175	2	100,250
1/4	1,136	1/4	12,129	1/4	23,204	1/4	34,062	1/4	45,103	1/4	56,179	1/4	67,254	1/4	78,330	1/4	89,406	1/4	100,481
1/2	1,342	1/2	12,360	1/2	23,435	1/2	34,287	1/2	45,334	1/2	56,410	1/2	67,485	1/2	78,561	1/2	89,636	1/2	100,712
3/4	1,548	3/4	12,591	3/4	23,666	3/4	34,511	3/4	45,565	3/4	56,640	3/4	67,716	3/4	78,791	3/4	89,867	3/4	100,943
3	1,754	3	12,822	3	23,897	3	34,736	3	45,795	3	56,871	3	67,947	3	79,022	3	90,098	3	101,173
1/4	1,983	1/4	13,052	1/4	24,127	1/4	34,962	1/4	46,026	1/4	57,102	1/4	68,177	1/4	79,253	1/4	90,328	1/4	101,404
1/2	2,212	1/2	13,283	1/2	24,358	1/2	35,189	1/2	46,257	1/2	57,332	1/2	68,408	1/2	79,484	1/2	90,559	1/2	101,635
3/4	2,442	3/4	13,514	3/4	24,589	3/4	35,416	3/4	46,488	3/4	57,563	3/4	68,639	3/4	79,714	3/4	90,790	3/4	101,866
4	2,671	4	13,744	4	24,820	4	35,643	4	46,718	4	57,794	4	68,870	4	79,945	4	91,021	4	102,096
1/4	2,902	1/4	13,975	1/4	25,050	1/4	35,874	1/4	46,949	1/4	58,025	1/4	69,100	1/4	80,176	1/4	91,251	1/4	102,327
1/2	3,132	1/2	14,206	1/2	25,281	1/2	36,104	1/2	47,180	1/2	58,255	1/2	69,331	1/2	80,407	1/2	91,482	1/2	102,558
3/4	3,362	3/4	14,437	3/4	25,512	3/4	36,335	3/4	47,411	3/4	58,486	3/4	69,562	3/4	80,637	3/4	91,713	3/4	102,788
5	3,593	5	14,667	5	25,743	5	36,566	5	47,641	5	58,717	5	69,793	5	80,868	5	91,944	5	103,019
1/4	3,823	1/4	14,898	1/4	25,974	1/4	36,797	1/4	47,872	1/4	58,948	1/4	70,023	1/4	81,099	1/4	92,174	1/4	103,250
1/2	4,054	1/2	15,129	1/2	26,199	1/2	37,027	1/2	48,103	1/2	59,178	1/2	70,254	1/2	81,330	1/2	92,405	1/2	103,481
3/4	4,285	3/4	15,360	3/4	26,428	3/4	37,258	3/4	48,334	3/4	59,409	3/4	70,485	3/4	81,560	3/4	92,636	3/4	103,711
6	4,515	6	15,590	6	26,656	6	37,489	6	48,564	6	59,640	6	70,715	6	81,791	6	92,867	6	103,942
1/4	4,746	1/4	15,821	1/4	26,880	1/4	37,719	1/4	48,795	1/4	59,871	1/4	70,946	1/4	82,022	1/4	93,097	1/4	104,173
1/2	4,977	1/2	16,052	1/2	27,105	1/2	37,950	1/2	49,026	1/2	60,101	1/2	71,177	1/2	82,253	1/2	93,328	1/2	104,404
3/4	5,208	3/4	16,283	3/4	27,329	3/4	38,181	3/4	49,257	3/4	60,332	3/4	71,408	3/4	82,483	3/4	93,559	3/4	104,634
7	5,438	7	16,513	7	27,554	7	38,412	7	49,487	7	60,563	7	71,638	7	82,714	7	93,790	7	104,865
1/4	5,669	1/4	16,744	1/4	27,778	1/4	38,642	1/4	49,718	1/4	60,794	1/4	71,869	1/4	82,945	1/4	94,020	1/4	105,096
1/2	5,900	1/2	16,975	1/2	28,003	1/2	38,873	1/2	49,949	1/2	61,024	1/2	72,100	1/2	83,175	1/2	94,251	1/2	105,327
3/4	6,130	3/4	17,205	3/4	28,227	3/4	39,104	3/4	50,180	3/4	61,255	3/4	72,331	3/4	83,406	3/4	94,482	3/4	105,557
8	6,361	8	17,436	8	28,451	8	39,335	8	50,410	8	61,486	8	72,561	8	83,637	8	94,713	8	105,788
1/4	6,592	1/4	17,667	1/4	28,676	1/4	39,565	1/4	50,641	1/4	61,717	1/4	72,792	1/4	83,868	1/4	94,943	1/4	106,019
1/2	6,823	1/2	17,898	1/2	28,900	1/2	39,796	1/2	50,872	1/2	61,947	1/2	73,023	1/2	84,098	1/2	95,174	1/2	106,250
3/4	7,053	3/4	18,128	3/4	29,125	3/4	40,027	3/4	51,102	3/4	62,178	3/4	73,254	3/4	84,329	3/4	95,405	3/4	106,480
9	7,284	9	18,359	9	29,349	9	40,258	9	51,333	9	62,409	9	73,484	9	84,560	9	95,636	9	106,711
1/4	7,515	1/4	18,590	1/4	29,573	1/4	40,488	1/4	51,564	1/4	62,640	1/4	73,715	1/4	84,791	1/4	95,866	1/4	106,942
1/2	7,745	1/2	18,821	1/2	29,798	1/2	40,719	1/2	51,795	1/2	62,870	1/2	73,946	1/2	85,021	1/2	96,097	1/2	107,173
3/4	7,976	3/4	19,051	3/4	30,022	3/4	40,950	3/4	52,025	3/4	63,101	3/4	74,177	3/4	85,252	3/4	96,328	3/4	107,403
10	8,207	10	19,282	10	30,247	10	41,181	10	52,256	10	63,332	10	74,407	10	85,483	10	96,558	10	107,634
1/4	8,438	1/4	19,513	1/4	30,471	1/4	41,411	1/4	52,487	1/4	63,563	1/4	74,638	1/4	85,714	1/4	96,789	1/4	107,865
1/2	8,668	1/2	19,744	1/2	30,696	1/2	41,642	1/2	52,718	1/2	63,793	1/2	74,869	1/2	85,944	1/2	97,020	1/2	108,096
3/4	8,899	3/4	19,974	3/4	30,920	3/4	41,873	3/4	52,948	3/4	64,024	3/4	75,100	3/4	86,175	3/4	97,251	3/4	108,326
11	9,130	11	20,205	11	31,144	11	42,104	11	53,179	11	64,255	11	75,330	11	86,406	11	97,481	11	108,557
1/4	9,361	1/4	20,436	1/4	31,369	1/4	42,334	1/4	53,410	1/4	64,485	1/4	75,561	1/4	86,637	1/4	97,712	1/4	108,788
1/2	9,591	1/2	20,666	1/2	31,593	1/2	42,565	1/2	53,641	1/2	64,716	1/2	75,792	1/2	86,867	1/2	97,943	1/2	109,018
3/4	9,822	3/4	20,897	3/4	31,818	3/4	42,796	3/4	53,871	3/4	64,947	3/4	76,023	3/4	87,098	3/4	98,174	3/4	109,249

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "IB 1085"

2 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-03 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS

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	109,480	0	120,556	0	131,631	0	142,707	0	153,752	0		0		0		0		0	
1/4	109,711	1/4	120,786	1/4	131,862	1/4	142,937	1/4	153,940	1/4		1/4		1/4		1/4		1/4	
1/2	109,941	1/2	121,017	1/2	132,093	1/2	143,168	1/2	154,129	1/2		1/2		1/2		1/2		1/2	
3/4	110,172	3/4	121,248	3/4	132,323	3/4	143,399	3/4	154,317	3/4		3/4		3/4		3/4		3/4	
1	110,403	1	121,479	1	132,554	1	143,630	1	154,505	1		1		1		1		1	
1/4	110,634	1/4	121,709	1/4	132,785	1/4	143,860	1/4	154,621	1/4		1/4		1/4		1/4		1/4	
1/2	110,864	1/2	121,940	1/2	133,016	1/2	144,091	1/2	154,736	1/2		1/2		1/2		1/2		1/2	
3/4	111,095	3/4	122,171	3/4	133,246	3/4	144,322	3/4	154,851	3/4		3/4		3/4		3/4		3/4	
2	111,326	2	122,401	2	133,477	2	144,553	2	154,967	2		2		2		2		2	
1/4	111,557	1/4	122,632	1/4	133,708	1/4	144,783	1/4	155,014	1/4		1/4		1/4		1/4		1/4	
1/2	111,787	1/2	122,863	1/2	133,939	1/2	145,014	1/2	155,062	1/2		1/2		1/2		1/2		1/2	
3/4	112,018	3/4	123,094	3/4	134,169	3/4	145,245	3/4	155,109	3/4		3/4		3/4		3/4		3/4	
3	112,249	3	123,324	3	134,400	3	145,476	3	155,157	3		3		3		3		3	
1/4	112,480	1/4	123,555	1/4	134,631	1/4	145,706	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,710	1/2	123,786	1/2	134,862	1/2	145,937	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,941	3/4	124,017	3/4	135,092	3/4	146,168	3/4		3/4		3/4		3/4		3/4		3/4	
4	113,172	4	124,247	4	135,323	4	146,399	4		4		4		4		4		4	
1/4	113,403	1/4	124,478	1/4	135,554	1/4	146,629	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,633	1/2	124,709	1/2	135,784	1/2	146,860	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,864	3/4	124,940	3/4	136,015	3/4	147,091	3/4		3/4		3/4		3/4		3/4		3/4	
5	114,095	5	125,170	5	136,246	5	147,322	5		5		5		5		5		5	
1/4	114,326	1/4	125,401	1/4	136,477	1/4	147,552	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,556	1/2	125,632	1/2	136,707	1/2	147,783	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,787	3/4	125,863	3/4	136,938	3/4	148,014	3/4		3/4		3/4		3/4		3/4		3/4	
6	115,018	6	126,093	6	137,169	6	148,244	6		6		6		6		6		6	
1/4	115,249	1/4	126,324	1/4	137,400	1/4	148,475	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,479	1/2	126,555	1/2	137,630	1/2	148,706	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,710	3/4	126,786	3/4	137,861	3/4	148,937	3/4		3/4		3/4		3/4		3/4		3/4	
7	115,941	7	127,016	7	138,092	7	149,167	7		7		7		7		7		7	
1/4	116,171	1/4	127,247	1/4	138,323	1/4	149,398	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,402	1/2	127,478	1/2	138,553	1/2	149,629	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,633	3/4	127,709	3/4	138,784	3/4	149,860	3/4		3/4		3/4		3/4		3/4		3/4	
8	116,864	8	127,939	8	139,015	8	150,090	8		8		8		8		8		8	
1/4	117,094	1/4	128,170	1/4	139,246	1/4	150,321	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,325	1/2	128,401	1/2	139,476	1/2	150,552	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,556	3/4	128,631	3/4	139,707	3/4	150,783	3/4		3/4		3/4		3/4		3/4		3/4	
9	117,787	9	128,862	9	139,938	9	151,013	9		9		9		9		9		9	
1/4	118,017	1/4	129,093	1/4	140,169	1/4	151,244	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,248	1/2	129,324	1/2	140,399	1/2	151,475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,479	3/4	129,554	3/4	140,630	3/4	151,705	3/4		3/4		3/4		3/4		3/4		3/4	
10	118,710	10	129,785	10	140,861	10	151,936	10		10		10		10		10		10	
1/4	118,940	1/4	130,016	1/4	141,092	1/4	152,166	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,171	1/2	130,247	1/2	141,322	1/2	152,396	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,402	3/4	130,477	3/4	141,553	3/4	152,626	3/4		3/4		3/4		3/4		3/4		3/4	
11	119,633	11	130,708	11	141,784	11	152,856	11		11		11		11		11		11	
1/4	119,863	1/4	130,939	1/4	142,014	1/4	153,080	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,094	1/2	131,170	1/2	142,245	1/2	153,304	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,325	3/4	131,400	3/4	142,476	3/4	153,528	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: 08/12/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
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BARGE "IB 1085"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	83	0	9,962	0	20,938	0	31,902	0	42,872	0	53,848	0	64,823	0	75,799	0	86,775	0	97,751
1/4	150	1/4	10,191	1/4	21,166	1/4	32,130	1/4	43,100	1/4	54,076	1/4	65,052	1/4	76,028	1/4	87,004	1/4	97,980
1/2	217	1/2	10,420	1/2	21,395	1/2	32,358	1/2	43,329	1/2	54,305	1/2	65,281	1/2	76,257	1/2	87,232	1/2	98,208
3/4	283	3/4	10,648	3/4	21,624	3/4	32,587	3/4	43,558	3/4	54,534	3/4	65,509	3/4	76,485	3/4	87,461	3/4	98,437
1	350	1	10,877	1	21,852	1	32,815	1	43,786	1	54,762	1	65,738	1	76,714	1	87,690	1	98,666
1/4	493	1/4	11,106	1/4	22,081	1/4	33,043	1/4	44,015	1/4	54,991	1/4	65,967	1/4	76,943	1/4	87,918	1/4	98,894
1/2	636	1/2	11,334	1/2	22,310	1/2	33,271	1/2	44,244	1/2	55,220	1/2	66,195	1/2	77,171	1/2	88,147	1/2	99,123
3/4	779	3/4	11,563	3/4	22,538	3/4	33,499	3/4	44,472	3/4	55,448	3/4	66,424	3/4	77,400	3/4	88,376	3/4	99,352
2	922	2	11,792	2	22,767	2	33,728	2	44,701	2	55,677	2	66,653	2	77,629	2	88,604	2	99,580
1/4	1,126	1/4	12,020	1/4	22,996	1/4	33,956	1/4	44,930	1/4	55,905	1/4	66,881	1/4	77,857	1/4	88,833	1/4	99,809
1/2	1,330	1/2	12,249	1/2	23,224	1/2	34,184	1/2	45,158	1/2	56,134	1/2	67,110	1/2	78,086	1/2	89,062	1/2	100,038
3/4	1,534	3/4	12,478	3/4	23,453	3/4	34,412	3/4	45,387	3/4	56,363	3/4	67,339	3/4	78,315	3/4	89,290	3/4	100,266
3	1,738	3	12,706	3	23,682	3	34,641	3	45,616	3	56,591	3	67,567	3	78,543	3	89,519	3	100,495
1/4	1,965	1/4	12,935	1/4	23,910	1/4	34,869	1/4	45,844	1/4	56,820	1/4	67,796	1/4	78,772	1/4	89,748	1/4	100,724
1/2	2,193	1/2	13,164	1/2	24,139	1/2	35,098	1/2	46,073	1/2	57,049	1/2	68,025	1/2	79,001	1/2	89,976	1/2	100,952
3/4	2,420	3/4	13,392	3/4	24,368	3/4	35,326	3/4	46,302	3/4	57,277	3/4	68,253	3/4	79,229	3/4	90,205	3/4	101,181
4	2,647	4	13,621	4	24,596	4	35,554	4	46,530	4	57,506	4	68,482	4	79,458	4	90,434	4	101,410
1/4	2,876	1/4	13,850	1/4	24,825	1/4	35,783	1/4	46,759	1/4	57,735	1/4	68,711	1/4	79,687	1/4	90,662	1/4	101,638
1/2	3,104	1/2	14,078	1/2	25,054	1/2	36,012	1/2	46,988	1/2	57,963	1/2	68,939	1/2	79,915	1/2	90,891	1/2	101,867
3/4	3,332	3/4	14,307	3/4	25,282	3/4	36,240	3/4	47,216	3/4	58,192	3/4	69,168	3/4	80,144	3/4	91,120	3/4	102,096
5	3,560	5	14,536	5	25,511	5	36,469	5	47,445	5	58,421	5	69,397	5	80,373	5	91,348	5	102,324
1/4	3,789	1/4	14,764	1/4	25,739	1/4	36,698	1/4	47,674	1/4	58,649	1/4	69,625	1/4	80,601	1/4	91,577	1/4	102,553
1/2	4,018	1/2	14,993	1/2	25,968	1/2	36,926	1/2	47,902	1/2	58,878	1/2	69,854	1/2	80,830	1/2	91,806	1/2	102,782
3/4	4,246	3/4	15,221	3/4	26,196	3/4	37,155	3/4	48,131	3/4	59,107	3/4	70,083	3/4	81,058	3/4	92,034	3/4	103,010
6	4,475	6	15,450	6	26,425	6	37,384	6	48,360	6	59,335	6	70,311	6	81,287	6	92,263	6	103,239
1/4	4,704	1/4	15,679	1/4	26,653	1/4	37,612	1/4	48,588	1/4	59,564	1/4	70,540	1/4	81,516	1/4	92,492	1/4	103,468
1/2	4,932	1/2	15,907	1/2	26,881	1/2	37,841	1/2	48,817	1/2	59,793	1/2	70,769	1/2	81,744	1/2	92,720	1/2	103,696
3/4	5,161	3/4	16,136	3/4	27,110	3/4	38,070	3/4	49,046	3/4	60,021	3/4	70,997	3/4	81,973	3/4	92,949	3/4	103,925
7	5,390	7	16,365	7	27,338	7	38,298	7	49,274	7	60,250	7	71,226	7	82,202	7	93,178	7	104,154
1/4	5,618	1/4	16,593	1/4	27,566	1/4	38,527	1/4	49,503	1/4	60,479	1/4	71,455	1/4	82,430	1/4	93,406	1/4	104,382
1/2	5,847	1/2	16,822	1/2	27,794	1/2	38,756	1/2	49,732	1/2	60,707	1/2	71,683	1/2	82,659	1/2	93,635	1/2	104,611
3/4	6,075	3/4	17,051	3/4	28,022	3/4	38,984	3/4	49,960	3/4	60,936	3/4	71,912	3/4	82,888	3/4	93,864	3/4	104,840
8	6,304	8	17,279	8	28,251	8	39,213	8	50,189	8	61,165	8	72,141	8	83,116	8	94,092	8	105,068
1/4	6,533	1/4	17,508	1/4	28,479	1/4	39,442	1/4	50,418	1/4	61,393	1/4	72,369	1/4	83,345	1/4	94,321	1/4	105,297
1/2	6,761	1/2	17,737	1/2	28,707	1/2	39,670	1/2	50,646	1/2	61,622	1/2	72,598	1/2	83,574	1/2	94,550	1/2	105,525
3/4	6,990	3/4	17,965	3/4	28,935	3/4	39,899	3/4	50,875	3/4	61,851	3/4	72,827	3/4	83,802	3/4	94,778	3/4	105,754
9	7,219	9	18,194	9	29,163	9	40,128	9	51,104	9	62,079	9	73,055	9	84,031	9	95,007	9	105,983
1/4	7,447	1/4	18,423	1/4	29,392	1/4	40,356	1/4	51,332	1/4	62,308	1/4	73,284	1/4	84,260	1/4	95,236	1/4	106,211
1/2	7,676	1/2	18,651	1/2	29,620	1/2	40,585	1/2	51,561	1/2	62,537	1/2	73,513	1/2	84,488	1/2	95,464	1/2	106,440
3/4	7,905	3/4	18,880	3/4	29,848	3/4	40,814	3/4	51,790	3/4	62,765	3/4	73,741	3/4	84,717	3/4	95,693	3/4	106,669
10	8,133	10	19,109	10	30,076	10	41,042	10	52,018	10	62,994	10	73,970	10	84,946	10	95,922	10	106,897
1/4	8,362	1/4	19,337	1/4	30,304	1/4	41,271	1/4	52,247	1/4	63,223	1/4	74,199	1/4	85,174	1/4	96,150	1/4	107,126
1/2	8,590	1/2	19,566	1/2	30,533	1/2	41,500	1/2	52,476	1/2	63,451	1/2	74,427	1/2	85,403	1/2	96,379	1/2	107,355
3/4	8,819	3/4	19,795	3/4	30,761	3/4	41,728	3/4	52,704	3/4	63,680	3/4	74,656	3/4	85,632	3/4	96,608	3/4	107,583
11	9,048	11	20,023	11	30,989	11	41,957	11	52,933	11	63,909	11	74,885	11	85,860	11	96,836	11	107,812
1/4	9,276	1/4	20,252	1/4	31,217	1/4	42,186	1/4	53,162	1/4	64,137	1/4	75,113	1/4	86,089	1/4	97,065	1/4	108,041
1/2	9,505	1/2	20,481	1/2	31,445	1/2	42,414	1/2	53,390	1/2	64,366	1/2	75,342	1/2	86,318	1/2	97,294	1/2	108,269
3/4	9,734	3/4	20,709	3/4	31,674	3/4	42,643	3/4	53,619	3/4	64,595	3/4	75,571	3/4	86,546	3/4	97,522	3/4	108,498

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>





BARGE "IB 1085"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	108,727	0	119,703	0	130,678	0	141,654	0	152,600	0		0		0		0		0	
1/4	108,955	1/4	119,931	1/4	130,907	1/4	141,883	1/4	152,787	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,184	1/2	120,160	1/2	131,136	1/2	142,112	1/2	152,974	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,413	3/4	120,389	3/4	131,364	3/4	142,340	3/4	153,160	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	109,641	1	120,617	1	131,593	1	142,569	1	153,347	1		1		1		1		1	
1/4	109,870	1/4	120,846	1/4	131,822	1/4	142,798	1/4	153,461	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,099	1/2	121,075	1/2	132,050	1/2	143,026	1/2	153,575	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,327	3/4	121,303	3/4	132,279	3/4	143,255	3/4	153,690	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	110,556	2	121,532	2	132,508	2	143,484	2	153,804	2		2		2		2		2	
1/4	110,785	1/4	121,761	1/4	132,736	1/4	143,712	1/4	153,851	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,013	1/2	121,989	1/2	132,965	1/2	143,941	1/2	153,898	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,242	3/4	122,218	3/4	133,194	3/4	144,170	3/4	153,945	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	111,471	3	122,447	3	133,422	3	144,398	3	153,992	3		3		3		3		3	
1/4	111,699	1/4	122,675	1/4	133,651	1/4	144,627	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,928	1/2	122,904	1/2	133,880	1/2	144,856	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,157	3/4	123,133	3/4	134,108	3/4	145,084	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	112,385	4	123,361	4	134,337	4	145,313	4		4		4		4		4		4	
1/4	112,614	1/4	123,590	1/4	134,566	1/4	145,542	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,843	1/2	123,819	1/2	134,794	1/2	145,770	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,071	3/4	124,047	3/4	135,023	3/4	145,999	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	113,300	5	124,276	5	135,252	5	146,228	5		5		5		5		5		5	
1/4	113,529	1/4	124,505	1/4	135,480	1/4	146,456	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,757	1/2	124,733	1/2	135,709	1/2	146,685	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,986	3/4	124,962	3/4	135,938	3/4	146,914	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	114,215	6	125,191	6	136,166	6	147,142	6		6		6		6		6		6	
1/4	114,443	1/4	125,419	1/4	136,395	1/4	147,371	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,672	1/2	125,648	1/2	136,624	1/2	147,600	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,901	3/4	125,877	3/4	136,852	3/4	147,828	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	115,129	7	126,105	7	137,081	7	148,057	7		7		7		7		7		7	
1/4	115,358	1/4	126,334	1/4	137,310	1/4	148,286	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,587	1/2	126,563	1/2	137,538	1/2	148,514	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,815	3/4	126,791	3/4	137,767	3/4	148,743	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	116,044	8	127,020	8	137,996	8	148,972	8		8		8		8		8		8	
1/4	116,273	1/4	127,249	1/4	138,224	1/4	149,200	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	116,501	1/2	127,477	1/2	138,453	1/2	149,429	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	116,730	3/4	127,706	3/4	138,682	3/4	149,658	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	116,959	9	127,935	9	138,910	9	149,886	9		9		9		9		9		9	
1/4	117,187	1/4	128,163	1/4	139,139	1/4	150,115	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,416	1/2	128,392	1/2	139,368	1/2	150,343	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117,645	3/4	128,621	3/4	139,596	3/4	150,572	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	117,873	10	128,849	10	139,825	10	150,800	10		10		10		10		10		10	
1/4	118,102	1/4	129,078	1/4	140,054	1/4	151,028	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,331	1/2	129,307	1/2	140,282	1/2	151,256	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,559	3/4	129,535	3/4	140,511	3/4	151,485	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	118,788	11	129,764	11	140,740	11	151,713	11		11		11		11		11		11	
1/4	119,017	1/4	129,993	1/4	140,968	1/4	151,935	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,245	1/2	130,221	1/2	141,197	1/2	152,156	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,474	3/4	130,450	3/4	141,426	3/4	152,378	3/4		3/4	3/4	3/4	3/4	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: 08/12/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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