



BARGE "IB 1080"

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

(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"

July 22, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1080"

1 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	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

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'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
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BARGE "IB 1080"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	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	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1080"

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	10,035	0	21,091	0	31,987	0	42,952	0	54,009	0	65,065	0	76,121	0	87,178	0	98,234
1/4	151	1/4	10,266	1/4	21,322	1/4	32,211	1/4	43,183	1/4	54,239	1/4	65,295	1/4	76,352	1/4	87,408	1/4	98,465
1/2	218	1/2	10,496	1/2	21,552	1/2	32,435	1/2	43,413	1/2	54,469	1/2	65,526	1/2	76,582	1/2	87,639	1/2	98,695
3/4	285	3/4	10,726	3/4	21,782	3/4	32,659	3/4	43,643	3/4	54,700	3/4	65,756	3/4	76,813	3/4	87,869	3/4	98,925
1	353	1	10,957	1	22,013	1	32,883	1	43,874	1	54,930	1	65,986	1	77,043	1	88,099	1	99,156
1/4	496	1/4	11,187	1/4	22,243	1/4	33,107	1/4	44,104	1/4	55,160	1/4	66,217	1/4	77,273	1/4	88,330	1/4	99,386
1/2	640	1/2	11,417	1/2	22,473	1/2	33,331	1/2	44,334	1/2	55,391	1/2	66,447	1/2	77,504	1/2	88,560	1/2	99,616
3/4	784	3/4	11,648	3/4	22,704	3/4	33,555	3/4	44,565	3/4	55,621	3/4	66,677	3/4	77,734	3/4	88,790	3/4	99,847
2	928	2	11,878	2	22,934	2	33,779	2	44,795	2	55,851	2	66,908	2	77,964	2	89,021	2	100,077
1/4	1,134	1/4	12,108	1/4	23,164	1/4	34,003	1/4	45,025	1/4	56,082	1/4	67,138	1/4	78,195	1/4	89,251	1/4	100,307
1/2	1,339	1/2	12,339	1/2	23,395	1/2	34,227	1/2	45,256	1/2	56,312	1/2	67,368	1/2	78,425	1/2	89,481	1/2	100,538
3/4	1,545	3/4	12,569	3/4	23,625	3/4	34,451	3/4	45,486	3/4	56,542	3/4	67,599	3/4	78,655	3/4	89,712	3/4	100,768
3	1,751	3	12,799	3	23,855	3	34,675	3	45,716	3	56,773	3	67,829	3	78,886	3	89,942	3	100,998
1/4	1,980	1/4	13,030	1/4	24,086	1/4	34,902	1/4	45,947	1/4	57,003	1/4	68,059	1/4	79,116	1/4	90,172	1/4	101,229
1/2	2,209	1/2	13,260	1/2	24,316	1/2	35,128	1/2	46,177	1/2	57,233	1/2	68,290	1/2	79,346	1/2	90,403	1/2	101,459
3/4	2,438	3/4	13,490	3/4	24,546	3/4	35,355	3/4	46,407	3/4	57,464	3/4	68,520	3/4	79,577	3/4	90,633	3/4	101,689
4	2,667	4	13,721	4	24,777	4	35,581	4	46,638	4	57,694	4	68,751	4	79,807	4	90,863	4	101,920
1/4	2,896	1/4	13,951	1/4	25,007	1/4	35,812	1/4	46,868	1/4	57,924	1/4	68,981	1/4	80,037	1/4	91,094	1/4	102,150
1/2	3,126	1/2	14,181	1/2	25,237	1/2	36,042	1/2	47,098	1/2	58,155	1/2	69,211	1/2	80,268	1/2	91,324	1/2	102,380
3/4	3,356	3/4	14,412	3/4	25,468	3/4	36,272	3/4	47,329	3/4	58,385	3/4	69,442	3/4	80,498	3/4	91,554	3/4	102,611
5	3,586	5	14,642	5	25,698	5	36,503	5	47,559	5	58,615	5	69,672	5	80,728	5	91,785	5	102,841
1/4	3,817	1/4	14,872	1/4	25,926	1/4	36,733	1/4	47,789	1/4	58,846	1/4	69,902	1/4	80,959	1/4	92,015	1/4	103,072
1/2	4,047	1/2	15,103	1/2	26,154	1/2	36,963	1/2	48,020	1/2	59,076	1/2	70,133	1/2	81,189	1/2	92,245	1/2	103,302
3/4	4,277	3/4	15,333	3/4	26,382	3/4	37,194	3/4	48,250	3/4	59,306	3/4	70,363	3/4	81,419	3/4	92,476	3/4	103,532
6	4,508	6	15,563	6	26,610	6	37,424	6	48,480	6	59,537	6	70,593	6	81,650	6	92,706	6	103,763
1/4	4,738	1/4	15,794	1/4	26,834	1/4	37,654	1/4	48,711	1/4	59,767	1/4	70,824	1/4	81,880	1/4	92,936	1/4	103,993
1/2	4,968	1/2	16,024	1/2	27,058	1/2	37,885	1/2	48,941	1/2	59,998	1/2	71,054	1/2	82,110	1/2	93,167	1/2	104,223
3/4	5,199	3/4	16,254	3/4	27,282	3/4	38,115	3/4	49,171	3/4	60,228	3/4	71,284	3/4	82,341	3/4	93,397	3/4	104,454
7	5,429	7	16,485	7	27,506	7	38,345	7	49,402	7	60,458	7	71,515	7	82,571	7	93,627	7	104,684
1/4	5,659	1/4	16,715	1/4	27,730	1/4	38,576	1/4	49,632	1/4	60,689	1/4	71,745	1/4	82,801	1/4	93,858	1/4	104,914
1/2	5,890	1/2	16,945	1/2	27,954	1/2	38,806	1/2	49,862	1/2	60,919	1/2	71,975	1/2	83,032	1/2	94,088	1/2	105,145
3/4	6,120	3/4	17,176	3/4	28,178	3/4	39,036	3/4	50,093	3/4	61,149	3/4	72,206	3/4	83,262	3/4	94,319	3/4	105,375
8	6,350	8	17,406	8	28,402	8	39,267	8	50,323	8	61,380	8	72,436	8	83,492	8	94,549	8	105,605
1/4	6,580	1/4	17,636	1/4	28,626	1/4	39,497	1/4	50,553	1/4	61,610	1/4	72,666	1/4	83,723	1/4	94,779	1/4	105,836
1/2	6,811	1/2	17,867	1/2	28,850	1/2	39,727	1/2	50,784	1/2	61,840	1/2	72,897	1/2	83,953	1/2	95,010	1/2	106,066
3/4	7,041	3/4	18,097	3/4	29,074	3/4	39,958	3/4	51,014	3/4	62,071	3/4	73,127	3/4	84,183	3/4	95,240	3/4	106,296
9	7,271	9	18,327	9	29,298	9	40,188	9	51,245	9	62,301	9	73,357	9	84,414	9	95,470	9	106,527
1/4	7,502	1/4	18,558	1/4	29,522	1/4	40,418	1/4	51,475	1/4	62,531	1/4	73,588	1/4	84,644	1/4	95,701	1/4	106,757
1/2	7,732	1/2	18,788	1/2	29,746	1/2	40,649	1/2	51,705	1/2	62,762	1/2	73,818	1/2	84,874	1/2	95,931	1/2	106,987
3/4	7,962	3/4	19,018	3/4	29,970	3/4	40,879	3/4	51,936	3/4	62,992	3/4	74,048	3/4	85,105	3/4	96,161	3/4	107,218
10	8,193	10	19,249	10	30,194	10	41,109	10	52,166	10	63,222	10	74,279	10	85,335	10	96,392	10	107,448
1/4	8,423	1/4	19,479	1/4	30,419	1/4	41,340	1/4	52,396	1/4	63,453	1/4	74,509	1/4	85,566	1/4	96,622	1/4	107,678
1/2	8,653	1/2	19,709	1/2	30,643	1/2	41,570	1/2	52,627	1/2	63,683	1/2	74,739	1/2	85,796	1/2	96,852	1/2	107,909
3/4	8,884	3/4	19,940	3/4	30,867	3/4	41,800	3/4	52,857	3/4	63,913	3/4	74,970	3/4	86,026	3/4	97,083	3/4	108,139
11	9,114	11	20,170	11	31,091	11	42,031	11	53,087	11	64,144	11	75,200	11	86,257	11	97,313	11	108,369
1/4	9,344	1/4	20,400	1/4	31,315	1/4	42,261	1/4	53,318	1/4	64,374	1/4	75,430	1/4	86,487	1/4	97,543	1/4	108,600
1/2	9,575	1/2	20,631	1/2	31,539	1/2	42,491	1/2	53,548	1/2	64,604	1/2	75,661	1/2	86,717	1/2	97,774	1/2	108,830
3/4	9,805	3/4	20,861	3/4	31,763	3/4	42,722	3/4	53,778	3/4	64,835	3/4	75,891	3/4	86,948	3/4	98,004	3/4	109,060

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 26'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1080"

2 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	109,291	0	120,347	0	131,404	0	142,460	0	153,486	0		0		0		0		0	
1/4	109,521	1/4	120,578	1/4	131,634	1/4	142,690	1/4	153,674	1/4		1/4		1/4		1/4		1/4	
1/2	109,751	1/2	120,808	1/2	131,864	1/2	142,921	1/2	153,862	1/2		1/2		1/2		1/2		1/2	
3/4	109,982	3/4	121,038	3/4	132,095	3/4	143,151	3/4	154,050	3/4		3/4		3/4		3/4		3/4	
1	110,212	1	121,269	1	132,325	1	143,381	1	154,238	1		1		1		1		1	
1/4	110,442	1/4	121,499	1/4	132,555	1/4	143,612	1/4	154,353	1/4		1/4		1/4		1/4		1/4	
1/2	110,673	1/2	121,729	1/2	132,786	1/2	143,842	1/2	154,469	1/2		1/2		1/2		1/2		1/2	
3/4	110,903	3/4	121,960	3/4	133,016	3/4	144,072	3/4	154,584	3/4		3/4		3/4		3/4		3/4	
2	111,134	2	122,190	2	133,246	2	144,303	2	154,699	2		2		2		2		2	
1/4	111,364	1/4	122,420	1/4	133,477	1/4	144,533	1/4	154,746	1/4		1/4		1/4		1/4		1/4	
1/2	111,594	1/2	122,651	1/2	133,707	1/2	144,763	1/2	154,794	1/2		1/2		1/2		1/2		1/2	
3/4	111,825	3/4	122,881	3/4	133,937	3/4	144,994	3/4	154,841	3/4		3/4		3/4		3/4		3/4	
3	112,055	3	123,111	3	134,168	3	145,224	3	154,888	3		3		3		3		3	
1/4	112,285	1/4	123,342	1/4	134,398	1/4	145,455	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,516	1/2	123,572	1/2	134,628	1/2	145,685	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,746	3/4	123,802	3/4	134,859	3/4	145,915	3/4		3/4		3/4		3/4		3/4		3/4	
4	112,976	4	124,033	4	135,089	4	146,146	4		4		4		4		4		4	
1/4	113,207	1/4	124,263	1/4	135,319	1/4	146,376	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,437	1/2	124,493	1/2	135,550	1/2	146,606	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,667	3/4	124,724	3/4	135,780	3/4	146,837	3/4		3/4		3/4		3/4		3/4		3/4	
5	113,898	5	124,954	5	136,010	5	147,067	5		5		5		5		5		5	
1/4	114,128	1/4	125,184	1/4	136,241	1/4	147,297	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,358	1/2	125,415	1/2	136,471	1/2	147,528	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,589	3/4	125,645	3/4	136,702	3/4	147,758	3/4		3/4		3/4		3/4		3/4		3/4	
6	114,819	6	125,875	6	136,932	6	147,988	6		6		6		6		6		6	
1/4	115,049	1/4	126,106	1/4	137,162	1/4	148,219	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,280	1/2	126,336	1/2	137,393	1/2	148,449	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,510	3/4	126,566	3/4	137,623	3/4	148,679	3/4		3/4		3/4		3/4		3/4		3/4	
7	115,740	7	126,797	7	137,853	7	148,910	7		7		7		7		7		7	
1/4	115,971	1/4	127,027	1/4	138,084	1/4	149,140	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,201	1/2	127,257	1/2	138,314	1/2	149,370	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,431	3/4	127,488	3/4	138,544	3/4	149,601	3/4		3/4		3/4		3/4		3/4		3/4	
8	116,662	8	127,718	8	138,775	8	149,831	8		8		8		8		8		8	
1/4	116,892	1/4	127,948	1/4	139,005	1/4	150,061	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,122	1/2	128,179	1/2	139,235	1/2	150,292	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,353	3/4	128,409	3/4	139,466	3/4	150,522	3/4		3/4		3/4		3/4		3/4		3/4	
9	117,583	9	128,640	9	139,696	9	150,752	9		9		9		9		9		9	
1/4	117,813	1/4	128,870	1/4	139,926	1/4	150,983	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,044	1/2	129,100	1/2	140,157	1/2	151,213	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,274	3/4	129,331	3/4	140,387	3/4	151,443	3/4		3/4		3/4		3/4		3/4		3/4	
10	118,504	10	129,561	10	140,617	10	151,673	10		10		10		10		10		10	
1/4	118,735	1/4	129,791	1/4	140,848	1/4	151,903	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,965	1/2	130,022	1/2	141,078	1/2	152,133	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,195	3/4	130,252	3/4	141,308	3/4	152,362	3/4		3/4		3/4		3/4		3/4		3/4	
11	119,426	11	130,482	11	141,539	11	152,592	11		11		11		11		11		11	
1/4	119,656	1/4	130,713	1/4	141,769	1/4	152,816	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,887	1/2	130,943	1/2	141,999	1/2	153,039	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,117	3/4	131,173	3/4	142,230	3/4	153,263	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

PRECISION MEASUREMENT
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BARGE "IB 1080"

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	84	0	9,972	0	20,959	0	31,934	0	42,914	0	53,901	0	64,888	0	75,874	0	86,861	0	97,848
1/4	150	1/4	10,201	1/4	21,187	1/4	32,162	1/4	43,143	1/4	54,130	1/4	65,117	1/4	76,103	1/4	87,090	1/4	98,077
1/2	217	1/2	10,430	1/2	21,416	1/2	32,390	1/2	43,372	1/2	54,359	1/2	65,345	1/2	76,332	1/2	87,319	1/2	98,306
3/4	284	3/4	10,659	3/4	21,645	3/4	32,619	3/4	43,601	3/4	54,588	3/4	65,574	3/4	76,561	3/4	87,548	3/4	98,535
1	351	1	10,888	1	21,874	1	32,847	1	43,830	1	54,817	1	65,803	1	76,790	1	87,777	1	98,763
1/4	494	1/4	11,117	1/4	22,103	1/4	33,076	1/4	44,059	1/4	55,045	1/4	66,032	1/4	77,019	1/4	88,006	1/4	98,992
1/2	637	1/2	11,346	1/2	22,332	1/2	33,304	1/2	44,288	1/2	55,274	1/2	66,261	1/2	77,248	1/2	88,235	1/2	99,221
3/4	780	3/4	11,574	3/4	22,561	3/4	33,533	3/4	44,516	3/4	55,503	3/4	66,490	3/4	77,477	3/4	88,463	3/4	99,450
2	923	2	11,803	2	22,790	2	33,761	2	44,745	2	55,732	2	66,719	2	77,706	2	88,692	2	99,679
1/4	1,127	1/4	12,032	1/4	23,019	1/4	33,990	1/4	44,974	1/4	55,961	1/4	66,948	1/4	77,934	1/4	88,921	1/4	99,908
1/2	1,331	1/2	12,261	1/2	23,247	1/2	34,218	1/2	45,203	1/2	56,190	1/2	67,177	1/2	78,163	1/2	89,150	1/2	100,137
3/4	1,535	3/4	12,490	3/4	23,476	3/4	34,447	3/4	45,432	3/4	56,419	3/4	67,405	3/4	78,392	3/4	89,379	3/4	100,366
3	1,740	3	12,719	3	23,705	3	34,675	3	45,661	3	56,648	3	67,634	3	78,621	3	89,608	3	100,595
1/4	1,967	1/4	12,948	1/4	23,934	1/4	34,904	1/4	45,890	1/4	56,877	1/4	67,863	1/4	78,850	1/4	89,837	1/4	100,823
1/2	2,195	1/2	13,177	1/2	24,163	1/2	35,132	1/2	46,119	1/2	57,105	1/2	68,092	1/2	79,079	1/2	90,066	1/2	101,052
3/4	2,422	3/4	13,406	3/4	24,392	3/4	35,361	3/4	46,348	3/4	57,334	3/4	68,321	3/4	79,308	3/4	90,295	3/4	101,281
4	2,650	4	13,634	4	24,621	4	35,590	4	46,576	4	57,563	4	68,550	4	79,537	4	90,523	4	101,510
1/4	2,878	1/4	13,863	1/4	24,850	1/4	35,819	1/4	46,805	1/4	57,792	1/4	68,779	1/4	79,766	1/4	90,752	1/4	101,739
1/2	3,107	1/2	14,092	1/2	25,078	1/2	36,047	1/2	47,034	1/2	58,021	1/2	69,008	1/2	79,994	1/2	90,981	1/2	101,968
3/4	3,335	3/4	14,321	3/4	25,307	3/4	36,276	3/4	47,263	3/4	58,250	3/4	69,237	3/4	80,223	3/4	91,210	3/4	102,197
5	3,564	5	14,550	5	25,536	5	36,505	5	47,492	5	58,479	5	69,465	5	80,452	5	91,439	5	102,426
1/4	3,793	1/4	14,779	1/4	25,765	1/4	36,734	1/4	47,721	1/4	58,708	1/4	69,694	1/4	80,681	1/4	91,668	1/4	102,655
1/2	4,022	1/2	15,008	1/2	25,994	1/2	36,963	1/2	47,950	1/2	58,937	1/2	69,923	1/2	80,910	1/2	91,897	1/2	102,883
3/4	4,250	3/4	15,237	3/4	26,222	3/4	37,192	3/4	48,179	3/4	59,165	3/4	70,152	3/4	81,139	3/4	92,126	3/4	103,112
6	4,479	6	15,465	6	26,451	6	37,421	6	48,408	6	59,394	6	70,381	6	81,368	6	92,355	6	103,341
1/4	4,708	1/4	15,694	1/4	26,680	1/4	37,650	1/4	48,636	1/4	59,623	1/4	70,610	1/4	81,597	1/4	92,583	1/4	103,570
1/2	4,937	1/2	15,923	1/2	26,908	1/2	37,879	1/2	48,865	1/2	59,852	1/2	70,839	1/2	81,826	1/2	92,812	1/2	103,799
3/4	5,166	3/4	16,152	3/4	27,136	3/4	38,108	3/4	49,094	3/4	60,081	3/4	71,068	3/4	82,054	3/4	93,041	3/4	104,028
7	5,395	7	16,381	7	27,365	7	38,336	7	49,323	7	60,310	7	71,297	7	82,283	7	93,270	7	104,257
1/4	5,624	1/4	16,610	1/4	27,593	1/4	38,565	1/4	49,552	1/4	60,539	1/4	71,526	1/4	82,512	1/4	93,499	1/4	104,486
1/2	5,853	1/2	16,839	1/2	27,822	1/2	38,794	1/2	49,781	1/2	60,768	1/2	71,754	1/2	82,741	1/2	93,728	1/2	104,715
3/4	6,081	3/4	17,068	3/4	28,050	3/4	39,023	3/4	50,010	3/4	60,997	3/4	71,983	3/4	82,970	3/4	93,957	3/4	104,943
8	6,310	8	17,297	8	28,279	8	39,252	8	50,239	8	61,225	8	72,212	8	83,199	8	94,186	8	105,172
1/4	6,539	1/4	17,525	1/4	28,507	1/4	39,481	1/4	50,468	1/4	61,454	1/4	72,441	1/4	83,428	1/4	94,415	1/4	105,401
1/2	6,768	1/2	17,754	1/2	28,735	1/2	39,710	1/2	50,696	1/2	61,683	1/2	72,670	1/2	83,657	1/2	94,643	1/2	105,630
3/4	6,997	3/4	17,983	3/4	28,964	3/4	39,939	3/4	50,925	3/4	61,912	3/4	72,899	3/4	83,886	3/4	94,872	3/4	105,859
9	7,226	9	18,212	9	29,192	9	40,168	9	51,154	9	62,141	9	73,128	9	84,114	9	95,101	9	106,088
1/4	7,455	1/4	18,441	1/4	29,421	1/4	40,396	1/4	51,383	1/4	62,370	1/4	73,357	1/4	84,343	1/4	95,330	1/4	106,317
1/2	7,684	1/2	18,670	1/2	29,649	1/2	40,625	1/2	51,612	1/2	62,599	1/2	73,586	1/2	84,572	1/2	95,559	1/2	106,546
3/4	7,912	3/4	18,899	3/4	29,878	3/4	40,854	3/4	51,841	3/4	62,828	3/4	73,814	3/4	84,801	3/4	95,788	3/4	106,775
10	8,141	10	19,128	10	30,106	10	41,083	10	52,070	10	63,057	10	74,043	10	85,030	10	96,017	10	107,004
1/4	8,370	1/4	19,356	1/4	30,335	1/4	41,312	1/4	52,299	1/4	63,285	1/4	74,272	1/4	85,259	1/4	96,246	1/4	107,232
1/2	8,599	1/2	19,585	1/2	30,563	1/2	41,541	1/2	52,528	1/2	63,514	1/2	74,501	1/2	85,488	1/2	96,475	1/2	107,461
3/4	8,828	3/4	19,814	3/4	30,791	3/4	41,770	3/4	52,756	3/4	63,743	3/4	74,730	3/4	85,717	3/4	96,703	3/4	107,690
11	9,057	11	20,043	11	31,020	11	41,999	11	52,985	11	63,972	11	74,959	11	85,946	11	96,932	11	107,919
1/4	9,286	1/4	20,272	1/4	31,248	1/4	42,228	1/4	53,214	1/4	64,201	1/4	75,188	1/4	86,174	1/4	97,161	1/4	108,148
1/2	9,515	1/2	20,501	1/2	31,477	1/2	42,456	1/2	53,443	1/2	64,430	1/2	75,417	1/2	86,403	1/2	97,390	1/2	108,377
3/4	9,743	3/4	20,730	3/4	31,705	3/4	42,685	3/4	53,672	3/4	64,659	3/4	75,646	3/4	86,632	3/4	97,619	3/4	108,606

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 23'-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 1080"

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	108,835	0	119,821	0	130,808	0	141,795	0	152,752	0		0		0		0		0	
1/4	109,064	1/4	120,050	1/4	131,037	1/4	142,024	1/4	152,939	1/4		1/4		1/4		1/4		1/4	
1/2	109,292	1/2	120,279	1/2	131,266	1/2	142,253	1/2	153,125	1/2		1/2		1/2		1/2		1/2	
3/4	109,521	3/4	120,508	3/4	131,495	3/4	142,482	3/4	153,312	3/4		3/4		3/4		3/4		3/4	
1	109,750	1	120,737	1	131,724	1	142,710	1	153,499	1		1		1		1		1	
1/4	109,979	1/4	120,966	1/4	131,953	1/4	142,939	1/4	153,613	1/4		1/4		1/4		1/4		1/4	
1/2	110,208	1/2	121,195	1/2	132,181	1/2	143,168	1/2	153,728	1/2		1/2		1/2		1/2		1/2	
3/4	110,437	3/4	121,424	3/4	132,410	3/4	143,397	3/4	153,842	3/4		3/4		3/4		3/4		3/4	
2	110,666	2	121,652	2	132,639	2	143,626	2	153,957	2		2		2		2		2	
1/4	110,895	1/4	121,881	1/4	132,868	1/4	143,855	1/4	154,004	1/4		1/4		1/4		1/4		1/4	
1/2	111,124	1/2	122,110	1/2	133,097	1/2	144,084	1/2	154,051	1/2		1/2		1/2		1/2		1/2	
3/4	111,352	3/4	122,339	3/4	133,326	3/4	144,313	3/4	154,098	3/4		3/4		3/4		3/4		3/4	
3	111,581	3	122,568	3	133,555	3	144,542	3	154,145	3		3		3		3		3	
1/4	111,810	1/4	122,797	1/4	133,784	1/4	144,770	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,039	1/2	123,026	1/2	134,013	1/2	144,999	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,268	3/4	123,255	3/4	134,241	3/4	145,228	3/4		3/4		3/4		3/4		3/4		3/4	
4	112,497	4	123,484	4	134,470	4	145,457	4		4		4		4		4		4	
1/4	112,726	1/4	123,713	1/4	134,699	1/4	145,686	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,955	1/2	123,941	1/2	134,928	1/2	145,915	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,184	3/4	124,170	3/4	135,157	3/4	146,144	3/4		3/4		3/4		3/4		3/4		3/4	
5	113,412	5	124,399	5	135,386	5	146,373	5		5		5		5		5		5	
1/4	113,641	1/4	124,628	1/4	135,615	1/4	146,602	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,870	1/2	124,857	1/2	135,844	1/2	146,830	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,099	3/4	125,086	3/4	136,073	3/4	147,059	3/4		3/4		3/4		3/4		3/4		3/4	
6	114,328	6	125,315	6	136,301	6	147,288	6		6		6		6		6		6	
1/4	114,557	1/4	125,544	1/4	136,530	1/4	147,517	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,786	1/2	125,773	1/2	136,759	1/2	147,746	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,015	3/4	126,001	3/4	136,988	3/4	147,975	3/4		3/4		3/4		3/4		3/4		3/4	
7	115,244	7	126,230	7	137,217	7	148,204	7		7		7		7		7		7	
1/4	115,472	1/4	126,459	1/4	137,446	1/4	148,433	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,701	1/2	126,688	1/2	137,675	1/2	148,662	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,930	3/4	126,917	3/4	137,904	3/4	148,890	3/4		3/4		3/4		3/4		3/4		3/4	
8	116,159	8	127,146	8	138,133	8	149,119	8		8		8		8		8		8	
1/4	116,388	1/4	127,375	1/4	138,361	1/4	149,348	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,617	1/2	127,604	1/2	138,590	1/2	149,577	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,846	3/4	127,833	3/4	138,819	3/4	149,806	3/4		3/4		3/4		3/4		3/4		3/4	
9	117,075	9	128,061	9	139,048	9	150,035	9		9		9		9		9		9	
1/4	117,304	1/4	128,290	1/4	139,277	1/4	150,264	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,532	1/2	128,519	1/2	139,506	1/2	150,492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,761	3/4	128,748	3/4	139,735	3/4	150,721	3/4		3/4		3/4		3/4		3/4		3/4	
10	117,990	10	128,977	10	139,964	10	150,950	10		10		10		10		10		10	
1/4	118,219	1/4	129,206	1/4	140,193	1/4	151,178	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,448	1/2	129,435	1/2	140,422	1/2	151,407	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,677	3/4	129,664	3/4	140,650	3/4	151,635	3/4		3/4		3/4		3/4		3/4		3/4	
11	118,906	11	129,893	11	140,879	11	151,863	11		11		11		11		11		11	
1/4	119,135	1/4	130,121	1/4	141,108	1/4	152,085	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,364	1/2	130,350	1/2	141,337	1/2	152,307	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,592	3/4	130,579	3/4	141,566	3/4	152,530	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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