



# BARGE "IB 1952"

## 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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 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
3 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

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

LENGTH BETWEEN DRAFT MARKS: 182'-09"

June 11, 2015

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

<http://www.pmacorp.net>



# BARGE "IB 1952"

## 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	86	0	10,354	0	21,763	0	33,161	0	44,565	0	55,974	0	67,384	0	78,793	0	90,203	0	101,612
1/4	155	1/4	10,592	1/4	22,001	1/4	33,398	1/4	44,802	1/4	56,212	1/4	67,621	1/4	79,031	1/4	90,441	1/4	101,850
1/2	224	1/2	10,830	1/2	22,239	1/2	33,636	1/2	45,040	1/2	56,450	1/2	67,859	1/2	79,269	1/2	90,678	1/2	102,088
3/4	294	3/4	11,067	3/4	22,476	3/4	33,873	3/4	45,278	3/4	56,687	3/4	68,097	3/4	79,506	3/4	90,916	3/4	102,325
1	363	1	11,305	1	22,714	1	34,110	1	45,515	1	56,925	1	68,335	1	79,744	1	91,154	1	102,563
1/4	511	1/4	11,543	1/4	22,952	1/4	34,347	1/4	45,753	1/4	57,163	1/4	68,572	1/4	79,982	1/4	91,391	1/4	102,801
1/2	660	1/2	11,780	1/2	23,190	1/2	34,585	1/2	45,991	1/2	57,400	1/2	68,810	1/2	80,219	1/2	91,629	1/2	103,039
3/4	809	3/4	12,018	3/4	23,427	3/4	34,822	3/4	46,229	3/4	57,638	3/4	69,048	3/4	80,457	3/4	91,867	3/4	103,276
2	957	2	12,256	2	23,665	2	35,059	2	46,466	2	57,876	2	69,285	2	80,695	2	92,104	2	103,514
1/4	1,169	1/4	12,493	1/4	23,903	1/4	35,297	1/4	46,704	1/4	58,113	1/4	69,523	1/4	80,933	1/4	92,342	1/4	103,752
1/2	1,381	1/2	12,731	1/2	24,140	1/2	35,534	1/2	46,942	1/2	58,351	1/2	69,761	1/2	81,170	1/2	92,580	1/2	103,989
3/4	1,593	3/4	12,969	3/4	24,378	3/4	35,771	3/4	47,179	3/4	58,589	3/4	69,998	3/4	81,408	3/4	92,818	3/4	104,227
3	1,805	3	13,207	3	24,616	3	36,008	3	47,417	3	58,827	3	70,236	3	81,646	3	93,055	3	104,465
1/4	2,042	1/4	13,444	1/4	24,853	1/4	36,246	1/4	47,655	1/4	59,064	1/4	70,474	1/4	81,883	1/4	93,293	1/4	104,702
1/2	2,278	1/2	13,682	1/2	25,091	1/2	36,483	1/2	47,892	1/2	59,302	1/2	70,712	1/2	82,121	1/2	93,531	1/2	104,940
3/4	2,514	3/4	13,920	3/4	25,329	3/4	36,721	3/4	48,130	3/4	59,540	3/4	70,949	3/4	82,359	3/4	93,768	3/4	105,178
4	2,750	4	14,157	4	25,566	4	36,958	4	48,368	4	59,777	4	71,187	4	82,596	4	94,006	4	105,416
1/4	2,987	1/4	14,395	1/4	25,804	1/4	37,196	1/4	48,605	1/4	60,015	1/4	71,425	1/4	82,834	1/4	94,244	1/4	105,653
1/2	3,225	1/2	14,633	1/2	26,042	1/2	37,434	1/2	48,843	1/2	60,253	1/2	71,662	1/2	83,072	1/2	94,481	1/2	105,891
3/4	3,462	3/4	14,870	3/4	26,279	3/4	37,671	3/4	49,081	3/4	60,490	3/4	71,900	3/4	83,310	3/4	94,719	3/4	106,129
5	3,699	5	15,108	5	26,517	5	37,909	5	49,319	5	60,728	5	72,138	5	83,547	5	94,957	5	106,366
1/4	3,937	1/4	15,346	1/4	26,755	1/4	38,147	1/4	49,556	1/4	60,966	1/4	72,375	1/4	83,785	1/4	95,195	1/4	106,604
1/2	4,175	1/2	15,583	1/2	26,992	1/2	38,384	1/2	49,794	1/2	61,204	1/2	72,613	1/2	84,023	1/2	95,432	1/2	106,842
3/4	4,412	3/4	15,821	3/4	27,230	3/4	38,622	3/4	50,032	3/4	61,441	3/4	72,851	3/4	84,260	3/4	95,670	3/4	107,079
6	4,650	6	16,059	6	27,467	6	38,860	6	50,269	6	61,679	6	73,088	6	84,498	6	95,908	6	107,317
1/4	4,888	1/4	16,297	1/4	27,705	1/4	39,098	1/4	50,507	1/4	61,917	1/4	73,326	1/4	84,736	1/4	96,145	1/4	107,555
1/2	5,125	1/2	16,534	1/2	27,942	1/2	39,335	1/2	50,745	1/2	62,154	1/2	73,564	1/2	84,973	1/2	96,383	1/2	107,793
3/4	5,363	3/4	16,772	3/4	28,179	3/4	39,573	3/4	50,982	3/4	62,392	3/4	73,802	3/4	85,211	3/4	96,621	3/4	108,030
7	5,601	7	17,010	7	28,416	7	39,811	7	51,220	7	62,630	7	74,039	7	85,449	7	96,858	7	108,268
1/4	5,838	1/4	17,247	1/4	28,653	1/4	40,048	1/4	51,458	1/4	62,867	1/4	74,277	1/4	85,687	1/4	97,096	1/4	108,506
1/2	6,076	1/2	17,485	1/2	28,891	1/2	40,286	1/2	51,696	1/2	63,105	1/2	74,515	1/2	85,924	1/2	97,334	1/2	108,743
3/4	6,314	3/4	17,723	3/4	29,128	3/4	40,524	3/4	51,933	3/4	63,343	3/4	74,752	3/4	86,162	3/4	97,572	3/4	108,981
8	6,551	8	17,960	8	29,365	8	40,761	8	52,171	8	63,581	8	74,990	8	86,400	8	97,809	8	109,219
1/4	6,789	1/4	18,198	1/4	29,602	1/4	40,999	1/4	52,409	1/4	63,818	1/4	75,228	1/4	86,637	1/4	98,047	1/4	109,456
1/2	7,027	1/2	18,436	1/2	29,840	1/2	41,237	1/2	52,646	1/2	64,056	1/2	75,465	1/2	86,875	1/2	98,285	1/2	109,694
3/4	7,264	3/4	18,673	3/4	30,077	3/4	41,475	3/4	52,884	3/4	64,294	3/4	75,703	3/4	87,113	3/4	98,522	3/4	109,932
9	7,502	9	18,911	9	30,314	9	41,712	9	53,122	9	64,531	9	75,941	9	87,350	9	98,760	9	110,170
1/4	7,740	1/4	19,149	1/4	30,551	1/4	41,950	1/4	53,359	1/4	64,769	1/4	76,179	1/4	87,588	1/4	98,998	1/4	110,407
1/2	7,977	1/2	19,386	1/2	30,789	1/2	42,188	1/2	53,597	1/2	65,007	1/2	76,416	1/2	87,826	1/2	99,235	1/2	110,645
3/4	8,215	3/4	19,624	3/4	31,026	3/4	42,425	3/4	53,835	3/4	65,244	3/4	76,654	3/4	88,064	3/4	99,473	3/4	110,883
10	8,453	10	19,862	10	31,263	10	42,663	10	54,073	10	65,482	10	76,892	10	88,301	10	99,711	10	111,120
1/4	8,690	1/4	20,100	1/4	31,500	1/4	42,901	1/4	54,310	1/4	65,720	1/4	77,129	1/4	88,539	1/4	99,948	1/4	111,358
1/2	8,928	1/2	20,337	1/2	31,738	1/2	43,138	1/2	54,548	1/2	65,958	1/2	77,367	1/2	88,777	1/2	100,186	1/2	111,596
3/4	9,166	3/4	20,575	3/4	31,975	3/4	43,376	3/4	54,786	3/4	66,195	3/4	77,605	3/4	89,014	3/4	100,424	3/4	111,833
11	9,404	11	20,813	11	32,212	11	43,614	11	55,023	11	66,433	11	77,843	11	89,252	11	100,662	11	112,071
1/4	9,641	1/4	21,050	1/4	32,449	1/4	43,852	1/4	55,261	1/4	66,671	1/4	78,080	1/4	89,490	1/4	100,899	1/4	112,309
1/2	9,879	1/2	21,288	1/2	32,687	1/2	44,089	1/2	55,499	1/2	66,908	1/2	78,318	1/2	89,727	1/2	101,137	1/2	112,547
3/4	10,117	3/4	21,526	3/4	32,924	3/4	44,327	3/4	55,736	3/4	67,146	3/4	78,556	3/4	89,965	3/4	101,375	3/4	112,784

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  
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# BARGE "IB 1952"

## 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	113,022	0	124,432	0	135,841	0	147,251	0	158,629	0		0		0		0		0	
1/4	113,260	1/4	124,669	1/4	136,079	1/4	147,488	1/4	158,822	1/4		1/4		1/4		1/4		1/4	
1/2	113,497	1/2	124,907	1/2	136,316	1/2	147,726	1/2	159,016	1/2		1/2		1/2		1/2		1/2	
3/4	113,735	3/4	125,145	3/4	136,554	3/4	147,964	3/4	159,210	3/4		3/4		3/4		3/4		3/4	
1	113,973	1	125,382	1	136,792	1	148,201	1	159,404	1		1		1		1		1	
1/4	114,210	1/4	125,620	1/4	137,030	1/4	148,439	1/4	159,523	1/4		1/4		1/4		1/4		1/4	
1/2	114,448	1/2	125,858	1/2	137,267	1/2	148,677	1/2	159,642	1/2		1/2		1/2		1/2		1/2	
3/4	114,686	3/4	126,095	3/4	137,505	3/4	148,915	3/4	159,761	3/4		3/4		3/4		3/4		3/4	
2	114,924	2	126,333	2	137,743	2	149,152	2	159,879	2		2		2		2		2	
1/4	115,161	1/4	126,571	1/4	137,980	1/4	149,390	1/4	159,928	1/4		1/4		1/4		1/4		1/4	
1/2	115,399	1/2	126,808	1/2	138,218	1/2	149,628	1/2	159,977	1/2		1/2		1/2		1/2		1/2	
3/4	115,637	3/4	127,046	3/4	138,456	3/4	149,865	3/4	160,026	3/4		3/4		3/4		3/4		3/4	
3	115,874	3	127,284	3	138,693	3	150,103	3	160,075	3		3		3		3		3	
1/4	116,112	1/4	127,522	1/4	138,931	1/4	150,341	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,350	1/2	127,759	1/2	139,169	1/2	150,578	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,587	3/4	127,997	3/4	139,407	3/4	150,816	3/4		3/4		3/4		3/4		3/4		3/4	
4	116,825	4	128,235	4	139,644	4	151,054	4		4		4		4		4		4	
1/4	117,063	1/4	128,472	1/4	139,882	1/4	151,292	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,301	1/2	128,710	1/2	140,120	1/2	151,529	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,538	3/4	128,948	3/4	140,357	3/4	151,767	3/4		3/4		3/4		3/4		3/4		3/4	
5	117,776	5	129,185	5	140,595	5	152,005	5		5		5		5		5		5	
1/4	118,014	1/4	129,423	1/4	140,833	1/4	152,242	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,251	1/2	129,661	1/2	141,070	1/2	152,480	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,489	3/4	129,899	3/4	141,308	3/4	152,718	3/4		3/4		3/4		3/4		3/4		3/4	
6	118,727	6	130,136	6	141,546	6	152,955	6		6		6		6		6		6	
1/4	118,964	1/4	130,374	1/4	141,784	1/4	153,193	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,202	1/2	130,612	1/2	142,021	1/2	153,431	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,440	3/4	130,849	3/4	142,259	3/4	153,668	3/4		3/4		3/4		3/4		3/4		3/4	
7	119,678	7	131,087	7	142,497	7	153,906	7		7		7		7		7		7	
1/4	119,915	1/4	131,325	1/4	142,734	1/4	154,144	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,153	1/2	131,562	1/2	142,972	1/2	154,382	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,391	3/4	131,800	3/4	143,210	3/4	154,619	3/4		3/4		3/4		3/4		3/4		3/4	
8	120,628	8	132,038	8	143,447	8	154,857	8		8		8		8		8		8	
1/4	120,866	1/4	132,276	1/4	143,685	1/4	155,095	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,104	1/2	132,513	1/2	143,923	1/2	155,332	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,341	3/4	132,751	3/4	144,161	3/4	155,570	3/4		3/4		3/4		3/4		3/4		3/4	
9	121,579	9	132,989	9	144,398	9	155,808	9		9		9		9		9		9	
1/4	121,817	1/4	133,226	1/4	144,636	1/4	156,045	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,055	1/2	133,464	1/2	144,874	1/2	156,283	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,292	3/4	133,702	3/4	145,111	3/4	156,520	3/4		3/4		3/4		3/4		3/4		3/4	
10	122,530	10	133,939	10	145,349	10	156,758	10		10		10		10		10		10	
1/4	122,768	1/4	134,177	1/4	145,587	1/4	156,995	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,005	1/2	134,415	1/2	145,824	1/2	157,232	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,243	3/4	134,653	3/4	146,062	3/4	157,469	3/4		3/4		3/4		3/4		3/4		3/4	
11	123,481	11	134,890	11	146,300	11	157,706	11		11		11		11		11		11	
1/4	123,718	1/4	135,128	1/4	146,538	1/4	157,937	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,956	1/2	135,366	1/2	146,775	1/2	158,167	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,194	3/4	135,603	3/4	147,013	3/4	158,398	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/10/2015 CL  
CALCULATED: 06/11/2015 CL  
PRINTED: 06/11/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2015

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



# BARGE "IB 1952"

## 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	86	0	10,449	0	21,963	0	33,296	0	44,708	0	56,223	0	67,737	0	79,251	0	90,765	0	102,279
1/4	156	1/4	10,689	1/4	22,203	1/4	33,529	1/4	44,948	1/4	56,462	1/4	67,977	1/4	79,491	1/4	91,005	1/4	102,519
1/2	226	1/2	10,929	1/2	22,443	1/2	33,762	1/2	45,188	1/2	56,702	1/2	68,217	1/2	79,731	1/2	91,245	1/2	102,759
3/4	296	3/4	11,169	3/4	22,682	3/4	33,995	3/4	45,428	3/4	56,942	3/4	68,456	3/4	79,971	3/4	91,485	3/4	102,999
1	366	1	11,409	1	22,922	1	34,227	1	45,668	1	57,182	1	68,696	1	80,211	1	91,725	1	103,239
1/4	516	1/4	11,648	1/4	23,162	1/4	34,460	1/4	45,908	1/4	57,422	1/4	68,936	1/4	80,450	1/4	91,965	1/4	103,479
1/2	666	1/2	11,888	1/2	23,402	1/2	34,693	1/2	46,148	1/2	57,662	1/2	69,176	1/2	80,690	1/2	92,205	1/2	103,719
3/4	816	3/4	12,128	3/4	23,642	3/4	34,926	3/4	46,387	3/4	57,902	3/4	69,416	3/4	80,930	3/4	92,444	3/4	103,959
2	966	2	12,368	2	23,882	2	35,159	2	46,627	2	58,142	2	69,656	2	81,170	2	92,684	2	104,198
1/4	1,180	1/4	12,608	1/4	24,122	1/4	35,392	1/4	46,867	1/4	58,381	1/4	69,896	1/4	81,410	1/4	92,924	1/4	104,438
1/2	1,394	1/2	12,848	1/2	24,362	1/2	35,624	1/2	47,107	1/2	58,621	1/2	70,136	1/2	81,650	1/2	93,164	1/2	104,678
3/4	1,608	3/4	13,088	3/4	24,601	3/4	35,857	3/4	47,347	3/4	58,861	3/4	70,375	3/4	81,890	3/4	93,404	3/4	104,918
3	1,822	3	13,328	3	24,841	3	36,090	3	47,587	3	59,101	3	70,615	3	82,130	3	93,644	3	105,158
1/4	2,060	1/4	13,567	1/4	25,081	1/4	36,326	1/4	47,827	1/4	59,341	1/4	70,855	1/4	82,369	1/4	93,884	1/4	105,398
1/2	2,298	1/2	13,807	1/2	25,321	1/2	36,561	1/2	48,067	1/2	59,581	1/2	71,095	1/2	82,609	1/2	94,124	1/2	105,638
3/4	2,537	3/4	14,047	3/4	25,561	3/4	36,797	3/4	48,306	3/4	59,821	3/4	71,335	3/4	82,849	3/4	94,363	3/4	105,878
4	2,775	4	14,287	4	25,801	4	37,032	4	48,546	4	60,061	4	71,575	4	83,089	4	94,603	4	106,118
1/4	3,015	1/4	14,527	1/4	26,041	1/4	37,272	1/4	48,786	1/4	60,300	1/4	71,815	1/4	83,329	1/4	94,843	1/4	106,357
1/2	3,254	1/2	14,767	1/2	26,281	1/2	37,512	1/2	49,026	1/2	60,540	1/2	72,055	1/2	83,569	1/2	95,083	1/2	106,597
3/4	3,494	3/4	15,007	3/4	26,520	3/4	37,752	3/4	49,266	3/4	60,780	3/4	72,294	3/4	83,809	3/4	95,323	3/4	106,837
5	3,733	5	15,246	5	26,760	5	37,992	5	49,506	5	61,020	5	72,534	5	84,049	5	95,563	5	107,077
1/4	3,973	1/4	15,486	1/4	26,997	1/4	38,232	1/4	49,746	1/4	61,260	1/4	72,774	1/4	84,288	1/4	95,803	1/4	107,317
1/2	4,213	1/2	15,726	1/2	27,235	1/2	38,471	1/2	49,986	1/2	61,500	1/2	73,014	1/2	84,528	1/2	96,043	1/2	107,557
3/4	4,453	3/4	15,966	3/4	27,472	3/4	38,711	3/4	50,226	3/4	61,740	3/4	73,254	3/4	84,768	3/4	96,282	3/4	107,797
6	4,692	6	16,206	6	27,709	6	38,951	6	50,465	6	61,980	6	73,494	6	85,008	6	96,522	6	108,037
1/4	4,932	1/4	16,446	1/4	27,942	1/4	39,191	1/4	50,705	1/4	62,220	1/4	73,734	1/4	85,248	1/4	96,762	1/4	108,276
1/2	5,172	1/2	16,686	1/2	28,175	1/2	39,431	1/2	50,945	1/2	62,459	1/2	73,974	1/2	85,488	1/2	97,002	1/2	108,516
3/4	5,412	3/4	16,926	3/4	28,408	3/4	39,671	3/4	51,185	3/4	62,699	3/4	74,214	3/4	85,728	3/4	97,242	3/4	108,756
7	5,652	7	17,165	7	28,640	7	39,911	7	51,425	7	62,939	7	74,453	7	85,968	7	97,482	7	108,996
1/4	5,892	1/4	17,405	1/4	28,873	1/4	40,151	1/4	51,665	1/4	63,179	1/4	74,693	1/4	86,208	1/4	97,722	1/4	109,236
1/2	6,132	1/2	17,645	1/2	29,106	1/2	40,390	1/2	51,905	1/2	63,419	1/2	74,933	1/2	86,447	1/2	97,962	1/2	109,476
3/4	6,371	3/4	17,885	3/4	29,339	3/4	40,630	3/4	52,145	3/4	63,659	3/4	75,173	3/4	86,687	3/4	98,201	3/4	109,716
8	6,611	8	18,125	8	29,572	8	40,870	8	52,384	8	63,899	8	75,413	8	86,927	8	98,441	8	109,956
1/4	6,851	1/4	18,365	1/4	29,804	1/4	41,110	1/4	52,624	1/4	64,139	1/4	75,653	1/4	87,167	1/4	98,681	1/4	110,195
1/2	7,091	1/2	18,605	1/2	30,037	1/2	41,350	1/2	52,864	1/2	64,378	1/2	75,893	1/2	87,407	1/2	98,921	1/2	110,435
3/4	7,331	3/4	18,845	3/4	30,270	3/4	41,590	3/4	53,104	3/4	64,618	3/4	76,133	3/4	87,647	3/4	99,161	3/4	110,675
9	7,571	9	19,084	9	30,503	9	41,830	9	53,344	9	64,858	9	76,372	9	87,887	9	99,401	9	110,915
1/4	7,811	1/4	19,324	1/4	30,736	1/4	42,070	1/4	53,584	1/4	65,098	1/4	76,612	1/4	88,127	1/4	99,641	1/4	111,155
1/2	8,050	1/2	19,564	1/2	30,968	1/2	42,310	1/2	53,824	1/2	65,338	1/2	76,852	1/2	88,366	1/2	99,881	1/2	111,395
3/4	8,290	3/4	19,804	3/4	31,201	3/4	42,549	3/4	54,064	3/4	65,578	3/4	77,092	3/4	88,606	3/4	100,121	3/4	111,635
10	8,530	10	20,044	10	31,434	10	42,789	10	54,303	10	65,818	10	77,332	10	88,846	10	100,360	10	111,875
1/4	8,770	1/4	20,284	1/4	31,667	1/4	43,029	1/4	54,543	1/4	66,058	1/4	77,572	1/4	89,086	1/4	100,600	1/4	112,115
1/2	9,010	1/2	20,524	1/2	31,899	1/2	43,269	1/2	54,783	1/2	66,297	1/2	77,812	1/2	89,326	1/2	100,840	1/2	112,354
3/4	9,250	3/4	20,763	3/4	32,132	3/4	43,509	3/4	55,023	3/4	66,537	3/4	78,052	3/4	89,566	3/4	101,080	3/4	112,594
11	9,490	11	21,003	11	32,365	11	43,749	11	55,263	11	66,777	11	78,291	11	89,806	11	101,320	11	112,834
1/4	9,729	1/4	21,243	1/4	32,598	1/4	43,989	1/4	55,503	1/4	67,017	1/4	78,531	1/4	90,046	1/4	101,560	1/4	113,074
1/2	9,969	1/2	21,483	1/2	32,831	1/2	44,229	1/2	55,743	1/2	67,257	1/2	78,771	1/2	90,285	1/2	101,800	1/2	113,314
3/4	10,209	3/4	21,723	3/4	33,063	3/4	44,468	3/4	55,983	3/4	67,497	3/4	79,011	3/4	90,525	3/4	102,040	3/4	113,554

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.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "IB 1952"

## 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	113,794	0	125,308	0	136,822	0	148,336	0	159,819	0		0		0		0		0	
1/4	114,034	1/4	125,548	1/4	137,062	1/4	148,576	1/4	160,014	1/4		1/4		1/4		1/4		1/4	
1/2	114,273	1/2	125,788	1/2	137,302	1/2	148,816	1/2	160,210	1/2		1/2		1/2		1/2		1/2	
3/4	114,513	3/4	126,028	3/4	137,542	3/4	149,056	3/4	160,406	3/4		3/4		3/4		3/4		3/4	
1	114,753	1	126,267	1	137,782	1	149,296	1	160,601	1		1		1		1		1	
1/4	114,993	1/4	126,507	1/4	138,022	1/4	149,536	1/4	160,721	1/4		1/4		1/4		1/4		1/4	
1/2	115,233	1/2	126,747	1/2	138,261	1/2	149,776	1/2	160,841	1/2		1/2		1/2		1/2		1/2	
3/4	115,473	3/4	126,987	3/4	138,501	3/4	150,016	3/4	160,961	3/4		3/4		3/4		3/4		3/4	
2	115,713	2	127,227	2	138,741	2	150,255	2	161,081	2		2		2		2		2	
1/4	115,953	1/4	127,467	1/4	138,981	1/4	150,495	1/4	161,130	1/4		1/4		1/4		1/4		1/4	
1/2	116,192	1/2	127,707	1/2	139,221	1/2	150,735	1/2	161,180	1/2		1/2		1/2		1/2		1/2	
3/4	116,432	3/4	127,947	3/4	139,461	3/4	150,975	3/4	161,229	3/4		3/4		3/4		3/4		3/4	
3	116,672	3	128,186	3	139,701	3	151,215	3	161,278	3		3		3		3		3	
1/4	116,912	1/4	128,426	1/4	139,941	1/4	151,455	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,152	1/2	128,666	1/2	140,180	1/2	151,695	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,392	3/4	128,906	3/4	140,420	3/4	151,935	3/4		3/4		3/4		3/4		3/4		3/4	
4	117,632	4	129,146	4	140,660	4	152,174	4		4		4		4		4		4	
1/4	117,872	1/4	129,386	1/4	140,900	1/4	152,414	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,112	1/2	129,626	1/2	141,140	1/2	152,654	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,351	3/4	129,866	3/4	141,380	3/4	152,894	3/4		3/4		3/4		3/4		3/4		3/4	
5	118,591	5	130,106	5	141,620	5	153,134	5		5		5		5		5		5	
1/4	118,831	1/4	130,345	1/4	141,860	1/4	153,374	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,071	1/2	130,585	1/2	142,099	1/2	153,614	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,311	3/4	130,825	3/4	142,339	3/4	153,854	3/4		3/4		3/4		3/4		3/4		3/4	
6	119,551	6	131,065	6	142,579	6	154,093	6		6		6		6		6		6	
1/4	119,791	1/4	131,305	1/4	142,819	1/4	154,333	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,031	1/2	131,545	1/2	143,059	1/2	154,573	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,270	3/4	131,785	3/4	143,299	3/4	154,813	3/4		3/4		3/4		3/4		3/4		3/4	
7	120,510	7	132,025	7	143,539	7	155,053	7		7		7		7		7		7	
1/4	120,750	1/4	132,264	1/4	143,779	1/4	155,293	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,990	1/2	132,504	1/2	144,019	1/2	155,533	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,230	3/4	132,744	3/4	144,258	3/4	155,773	3/4		3/4		3/4		3/4		3/4		3/4	
8	121,470	8	132,984	8	144,498	8	156,013	8		8		8		8		8		8	
1/4	121,710	1/4	133,224	1/4	144,738	1/4	156,252	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,950	1/2	133,464	1/2	144,978	1/2	156,492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,189	3/4	133,704	3/4	145,218	3/4	156,732	3/4		3/4		3/4		3/4		3/4		3/4	
9	122,429	9	133,944	9	145,458	9	156,972	9		9		9		9		9		9	
1/4	122,669	1/4	134,183	1/4	145,698	1/4	157,212	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,909	1/2	134,423	1/2	145,938	1/2	157,451	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,149	3/4	134,663	3/4	146,177	3/4	157,691	3/4		3/4		3/4		3/4		3/4		3/4	
10	123,389	10	134,903	10	146,417	10	157,931	10		10		10		10		10		10	
1/4	123,629	1/4	135,143	1/4	146,657	1/4	158,170	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,869	1/2	135,383	1/2	146,897	1/2	158,409	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,109	3/4	135,623	3/4	147,137	3/4	158,648	3/4		3/4		3/4		3/4		3/4		3/4	
11	124,348	11	135,863	11	147,377	11	158,888	11		11		11		11		11		11	
1/4	124,588	1/4	136,103	1/4	147,617	1/4	159,120	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,828	1/2	136,342	1/2	147,857	1/2	159,353	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,068	3/4	136,582	3/4	148,096	3/4	159,586	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/10/2015 CL  
CALCULATED: 06/11/2015 CL  
PRINTED: 06/11/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "IB 1952"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	89	0	10,895	0	22,884	0	34,704	0	46,592	0	58,574	0	70,540	0	82,530	0	94,518	0	106,507
1/4	162	1/4	11,145	1/4	23,134	1/4	34,947	1/4	46,842	1/4	58,824	1/4	70,790	1/4	82,779	1/4	94,768	1/4	106,757
1/2	235	1/2	11,394	1/2	23,384	1/2	35,190	1/2	47,092	1/2	59,073	1/2	71,040	1/2	83,029	1/2	95,018	1/2	107,006
3/4	308	3/4	11,644	3/4	23,634	3/4	35,433	3/4	47,341	3/4	59,322	3/4	71,290	3/4	83,279	3/4	95,268	3/4	107,256
1	381	1	11,894	1	23,884	1	35,676	1	47,591	1	59,571	1	71,540	1	83,529	1	95,517	1	107,506
1/4	537	1/4	12,144	1/4	24,133	1/4	35,919	1/4	47,840	1/4	59,820	1/4	71,789	1/4	83,778	1/4	95,767	1/4	107,756
1/2	694	1/2	12,394	1/2	24,383	1/2	36,162	1/2	48,090	1/2	60,070	1/2	72,039	1/2	84,028	1/2	96,017	1/2	108,006
3/4	850	3/4	12,643	3/4	24,633	3/4	36,406	3/4	48,340	3/4	60,319	3/4	72,289	3/4	84,278	3/4	96,267	3/4	108,255
2	1,007	2	12,893	2	24,883	2	36,649	2	48,589	2	60,568	2	72,539	2	84,528	2	96,516	2	108,505
1/4	1,230	1/4	13,143	1/4	25,132	1/4	36,892	1/4	48,839	1/4	60,817	1/4	72,788	1/4	84,778	1/4	96,766	1/4	108,755
1/2	1,453	1/2	13,393	1/2	25,382	1/2	37,135	1/2	49,089	1/2	61,066	1/2	73,038	1/2	85,027	1/2	97,016	1/2	109,005
3/4	1,677	3/4	13,642	3/4	25,632	3/4	37,378	3/4	49,338	3/4	61,315	3/4	73,288	3/4	85,277	3/4	97,266	3/4	109,254
3	1,900	3	13,892	3	25,882	3	37,621	3	49,588	3	61,565	3	73,538	3	85,527	3	97,515	3	109,504
1/4	2,149	1/4	14,142	1/4	26,132	1/4	37,867	1/4	49,838	1/4	61,814	1/4	73,788	1/4	85,777	1/4	97,765	1/4	109,754
1/2	2,397	1/2	14,392	1/2	26,381	1/2	38,112	1/2	50,087	1/2	62,063	1/2	74,037	1/2	86,026	1/2	98,015	1/2	110,004
3/4	2,646	3/4	14,642	3/4	26,631	3/4	38,358	3/4	50,337	3/4	62,312	3/4	74,287	3/4	86,276	3/4	98,265	3/4	110,254
4	2,895	4	14,891	4	26,881	4	38,604	4	50,587	4	62,561	4	74,537	4	86,526	4	98,514	4	110,503
1/4	3,144	1/4	15,141	1/4	27,131	1/4	38,853	1/4	50,836	1/4	62,810	1/4	74,787	1/4	86,776	1/4	98,764	1/4	110,753
1/2	3,394	1/2	15,391	1/2	27,380	1/2	39,103	1/2	51,086	1/2	63,060	1/2	75,036	1/2	87,026	1/2	99,014	1/2	111,003
3/4	3,644	3/4	15,641	3/4	27,630	3/4	39,353	3/4	51,335	3/4	63,309	3/4	75,286	3/4	87,275	3/4	99,264	3/4	111,253
5	3,894	5	15,890	5	27,880	5	39,602	5	51,585	5	63,558	5	75,536	5	87,525	5	99,513	5	111,502
1/4	4,144	1/4	16,140	1/4	28,127	1/4	39,852	1/4	51,835	1/4	63,807	1/4	75,786	1/4	87,775	1/4	99,763	1/4	111,752
1/2	4,395	1/2	16,390	1/2	28,375	1/2	40,101	1/2	52,084	1/2	64,056	1/2	76,035	1/2	88,025	1/2	100,013	1/2	112,002
3/4	4,645	3/4	16,640	3/4	28,622	3/4	40,351	3/4	52,334	3/4	64,305	3/4	76,285	3/4	88,274	3/4	100,263	3/4	112,252
6	4,895	6	16,890	6	28,869	6	40,601	6	52,584	6	64,555	6	76,535	6	88,524	6	100,512	6	112,502
1/4	5,145	1/4	17,139	1/4	29,112	1/4	40,850	1/4	52,833	1/4	64,804	1/4	76,785	1/4	88,774	1/4	100,762	1/4	112,751
1/2	5,395	1/2	17,389	1/2	29,355	1/2	41,100	1/2	53,083	1/2	65,053	1/2	77,035	1/2	89,024	1/2	101,012	1/2	113,001
3/4	5,646	3/4	17,639	3/4	29,599	3/4	41,350	3/4	53,333	3/4	65,302	3/4	77,284	3/4	89,273	3/4	101,262	3/4	113,251
7	5,896	7	17,889	7	29,842	7	41,599	7	53,582	7	65,551	7	77,534	7	89,523	7	101,511	7	113,501
1/4	6,146	1/4	18,139	1/4	30,085	1/4	41,849	1/4	53,832	1/4	65,800	1/4	77,784	1/4	89,773	1/4	101,761	1/4	113,750
1/2	6,396	1/2	18,388	1/2	30,328	1/2	42,099	1/2	54,082	1/2	66,050	1/2	78,034	1/2	90,023	1/2	102,011	1/2	114,000
3/4	6,646	3/4	18,638	3/4	30,571	3/4	42,348	3/4	54,331	3/4	66,299	3/4	78,283	3/4	90,273	3/4	102,261	3/4	114,250
8	6,896	8	18,888	8	30,814	8	42,598	8	54,581	8	66,548	8	78,533	8	90,522	8	102,511	8	114,500
1/4	7,146	1/4	19,138	1/4	31,057	1/4	42,848	1/4	54,831	1/4	66,797	1/4	78,783	1/4	90,772	1/4	102,760	1/4	114,749
1/2	7,396	1/2	19,387	1/2	31,300	1/2	43,097	1/2	55,080	1/2	67,046	1/2	79,033	1/2	91,022	1/2	103,010	1/2	114,999
3/4	7,646	3/4	19,637	3/4	31,543	3/4	43,347	3/4	55,330	3/4	67,296	3/4	79,283	3/4	91,272	3/4	103,260	3/4	115,249
9	7,896	9	19,887	9	31,786	9	43,597	9	55,579	9	67,545	9	79,532	9	91,521	9	103,510	9	115,499
1/4	8,146	1/4	20,137	1/4	32,030	1/4	43,846	1/4	55,829	1/4	67,794	1/4	79,782	1/4	91,771	1/4	103,759	1/4	115,749
1/2	8,396	1/2	20,387	1/2	32,273	1/2	44,096	1/2	56,079	1/2	68,043	1/2	80,032	1/2	92,021	1/2	104,009	1/2	115,998
3/4	8,646	3/4	20,636	3/4	32,516	3/4	44,345	3/4	56,328	3/4	68,293	3/4	80,282	3/4	92,271	3/4	104,259	3/4	116,248
10	8,896	10	20,886	10	32,759	10	44,595	10	56,578	10	68,542	10	80,531	10	92,520	10	104,509	10	116,498
1/4	9,146	1/4	21,136	1/4	33,002	1/4	44,845	1/4	56,828	1/4	68,792	1/4	80,781	1/4	92,770	1/4	104,759	1/4	116,748
1/2	9,396	1/2	21,386	1/2	33,245	1/2	45,094	1/2	57,077	1/2	69,042	1/2	81,031	1/2	93,020	1/2	105,008	1/2	116,998
3/4	9,646	3/4	21,635	3/4	33,488	3/4	45,344	3/4	57,327	3/4	69,292	3/4	81,281	3/4	93,270	3/4	105,258	3/4	117,248
11	9,896	11	21,885	11	33,731	11	45,594	11	57,577	11	69,541	11	81,530	11	93,519	11	105,508	11	117,498
1/4	10,145	1/4	22,135	1/4	33,974	1/4	45,843	1/4	57,826	1/4	69,791	1/4	81,780	1/4	93,769	1/4	105,758	1/4	117,748
1/2	10,395	1/2	22,385	1/2	34,218	1/2	46,093	1/2	58,076	1/2	70,041	1/2	82,030	1/2	94,019	1/2	106,007	1/2	117,998
3/4	10,645	3/4	22,635	3/4	34,461	3/4	46,343	3/4	58,325	3/4	70,291	3/4	82,280	3/4	94,269	3/4	106,257	3/4	118,249

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.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "IB 1952"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	118,499	0	128,962	0	136,725	0	144,488	0	152,218	0		0		0		0		0	
1/4	118,749	1/4	129,124	1/4	136,887	1/4	144,650	1/4	152,334	1/4		1/4		1/4		1/4		1/4	
1/2	118,999	1/2	129,286	1/2	137,049	1/2	144,812	1/2	152,449	1/2		1/2		1/2		1/2		1/2	
3/4	119,250	3/4	129,448	3/4	137,211	3/4	144,974	3/4	152,565	3/4		3/4		3/4		3/4		3/4	
1	119,500	1	129,609	1	137,372	1	145,135	1	152,681	1		1		1		1		1	
1/4	119,750	1/4	129,771	1/4	137,534	1/4	145,297	1/4	152,750	1/4		1/4		1/4		1/4		1/4	
1/2	120,000	1/2	129,933	1/2	137,696	1/2	145,459	1/2	152,820	1/2		1/2		1/2		1/2		1/2	
3/4	120,251	3/4	130,094	3/4	137,857	3/4	145,621	3/4	152,890	3/4		3/4		3/4		3/4		3/4	
2	120,501	2	130,256	2	138,019	2	145,782	2	152,960	2		2		2		2		2	
1/4	120,751	1/4	130,418	1/4	138,181	1/4	145,944	1/4	153,011	1/4		1/4		1/4		1/4		1/4	
1/2	121,001	1/2	130,580	1/2	138,343	1/2	146,106	1/2	153,063	1/2		1/2		1/2		1/2		1/2	
3/4	121,252	3/4	130,741	3/4	138,504	3/4	146,267	3/4	153,114	3/4		3/4		3/4		3/4		3/4	
3	121,502	3	130,903	3	138,666	3	146,429	3	153,166	3		3		3		3		3	
1/4	121,752	1/4	131,065	1/4	138,828	1/4	146,591	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,003	1/2	131,227	1/2	138,990	1/2	146,753	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,253	3/4	131,388	3/4	139,151	3/4	146,914	3/4		3/4		3/4		3/4		3/4		3/4	
4	122,503	4	131,550	4	139,313	4	147,076	4		4		4		4		4		4	
1/4	122,753	1/4	131,712	1/4	139,475	1/4	147,238	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,004	1/2	131,873	1/2	139,637	1/2	147,400	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,254	3/4	132,035	3/4	139,798	3/4	147,561	3/4		3/4		3/4		3/4		3/4		3/4	
5	123,504	5	132,197	5	139,960	5	147,723	5		5		5		5		5		5	
1/4	123,754	1/4	132,359	1/4	140,122	1/4	147,885	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,005	1/2	132,520	1/2	140,283	1/2	148,046	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,255	3/4	132,682	3/4	140,445	3/4	148,208	3/4		3/4		3/4		3/4		3/4		3/4	
6	124,505	6	132,844	6	140,607	6	148,370	6		6		6		6		6		6	
1/4	124,756	1/4	133,006	1/4	140,769	1/4	148,532	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,006	1/2	133,167	1/2	140,930	1/2	148,693	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,256	3/4	133,329	3/4	141,092	3/4	148,855	3/4		3/4		3/4		3/4		3/4		3/4	
7	125,506	7	133,491	7	141,254	7	149,017	7		7		7		7		7		7	
1/4	125,723	1/4	133,653	1/4	141,416	1/4	149,179	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,941	1/2	133,814	1/2	141,577	1/2	149,340	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,158	3/4	133,976	3/4	141,739	3/4	149,502	3/4		3/4		3/4		3/4		3/4		3/4	
8	126,375	8	134,138	8	141,901	8	149,664	8		8		8		8		8		8	
1/4	126,536	1/4	134,299	1/4	142,062	1/4	149,826	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,698	1/2	134,461	1/2	142,224	1/2	149,987	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,860	3/4	134,623	3/4	142,386	3/4	150,149	3/4		3/4		3/4		3/4		3/4		3/4	
9	127,022	9	134,785	9	142,548	9	150,311	9		9		9		9		9		9	
1/4	127,183	1/4	134,946	1/4	142,709	1/4	150,472	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,345	1/2	135,108	1/2	142,871	1/2	150,634	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,507	3/4	135,270	3/4	143,033	3/4	150,795	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,668	10	135,432	10	143,195	10	150,957	10		10		10		10		10		10	
1/4	127,830	1/4	135,593	1/4	143,356	1/4	151,118	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,992	1/2	135,755	1/2	143,518	1/2	151,279	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,154	3/4	135,917	3/4	143,680	3/4	151,440	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,315	11	136,078	11	143,841	11	151,601	11		11		11		11		11		11	
1/4	128,477	1/4	136,240	1/4	144,003	1/4	151,755	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,639	1/2	136,402	1/2	144,165	1/2	151,910	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,801	3/4	136,564	3/4	144,327	3/4	152,064	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/10/2015 CL  
CALCULATED: 06/11/2015 CL  
PRINTED: 06/11/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2015

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