



# BARGE "IB 1963"

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

LENGTH BETWEEN DRAFT MARKS: 182'-09"

July 22, 2015

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "IB 1963"

# 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	89	0	10,934	0	22,966	0	34,827	0	46,758	0	58,783	0	70,792	0	82,824	0	94,855	0	106,886
1/4	163	1/4	11,184	1/4	23,217	1/4	35,071	1/4	47,009	1/4	59,033	1/4	71,042	1/4	83,074	1/4	95,106	1/4	107,137
1/2	236	1/2	11,435	1/2	23,467	1/2	35,315	1/2	47,259	1/2	59,283	1/2	71,293	1/2	83,325	1/2	95,356	1/2	107,388
3/4	309	3/4	11,686	3/4	23,718	3/4	35,559	3/4	47,510	3/4	59,533	3/4	71,544	3/4	83,576	3/4	95,607	3/4	107,638
1	382	1	11,936	1	23,969	1	35,803	1	47,760	1	59,783	1	71,794	1	83,826	1	95,858	1	107,889
1/4	539	1/4	12,187	1/4	24,219	1/4	36,047	1/4	48,011	1/4	60,033	1/4	72,045	1/4	84,077	1/4	96,108	1/4	108,140
1/2	696	1/2	12,438	1/2	24,470	1/2	36,291	1/2	48,261	1/2	60,283	1/2	72,296	1/2	84,328	1/2	96,359	1/2	108,390
3/4	853	3/4	12,688	3/4	24,721	3/4	36,535	3/4	48,512	3/4	60,534	3/4	72,546	3/4	84,578	3/4	96,609	3/4	108,641
2	1,010	2	12,939	2	24,971	2	36,779	2	48,762	2	60,784	2	72,797	2	84,829	2	96,860	2	108,892
1/4	1,234	1/4	13,190	1/4	25,222	1/4	37,023	1/4	49,013	1/4	61,034	1/4	73,048	1/4	85,080	1/4	97,111	1/4	109,142
1/2	1,458	1/2	13,440	1/2	25,473	1/2	37,267	1/2	49,264	1/2	61,284	1/2	73,298	1/2	85,330	1/2	97,361	1/2	109,393
3/4	1,683	3/4	13,691	3/4	25,723	3/4	37,511	3/4	49,514	3/4	61,534	3/4	73,549	3/4	85,581	3/4	97,612	3/4	109,644
3	1,907	3	13,942	3	25,974	3	37,755	3	49,765	3	61,784	3	73,800	3	85,832	3	97,863	3	109,894
1/4	2,156	1/4	14,192	1/4	26,225	1/4	38,002	1/4	50,015	1/4	62,034	1/4	74,050	1/4	86,082	1/4	98,113	1/4	110,145
1/2	2,406	1/2	14,443	1/2	26,475	1/2	38,248	1/2	50,266	1/2	62,284	1/2	74,301	1/2	86,333	1/2	98,364	1/2	110,396
3/4	2,655	3/4	14,694	3/4	26,726	3/4	38,495	3/4	50,516	3/4	62,534	3/4	74,552	3/4	86,584	3/4	98,615	3/4	110,646
4	2,905	4	14,944	4	26,977	4	38,741	4	50,767	4	62,784	4	74,802	4	86,834	4	98,865	4	110,897
1/4	3,156	1/4	15,195	1/4	27,227	1/4	38,992	1/4	51,017	1/4	63,034	1/4	75,053	1/4	87,085	1/4	99,116	1/4	111,148
1/2	3,406	1/2	15,446	1/2	27,478	1/2	39,242	1/2	51,268	1/2	63,284	1/2	75,304	1/2	87,336	1/2	99,366	1/2	111,398
3/4	3,657	3/4	15,696	3/4	27,729	3/4	39,493	3/4	51,518	3/4	63,534	3/4	75,554	3/4	87,586	3/4	99,617	3/4	111,649
5	3,908	5	15,947	5	27,979	5	39,743	5	51,769	5	63,784	5	75,805	5	87,837	5	99,868	5	111,900
1/4	4,159	1/4	16,198	1/4	28,228	1/4	39,994	1/4	52,019	1/4	64,034	1/4	76,056	1/4	88,088	1/4	100,118	1/4	112,150
1/2	4,410	1/2	16,448	1/2	28,476	1/2	40,244	1/2	52,270	1/2	64,284	1/2	76,306	1/2	88,338	1/2	100,369	1/2	112,401
3/4	4,661	3/4	16,699	3/4	28,724	3/4	40,495	3/4	52,520	3/4	64,535	3/4	76,557	3/4	88,589	3/4	100,620	3/4	112,652
6	4,912	6	16,950	6	28,972	6	40,745	6	52,771	6	64,785	6	76,808	6	88,839	6	100,870	6	112,902
1/4	5,164	1/4	17,200	1/4	29,216	1/4	40,996	1/4	53,022	1/4	65,035	1/4	77,058	1/4	89,090	1/4	101,121	1/4	113,153
1/2	5,415	1/2	17,451	1/2	29,460	1/2	41,246	1/2	53,272	1/2	65,285	1/2	77,309	1/2	89,341	1/2	101,372	1/2	113,404
3/4	5,666	3/4	17,702	3/4	29,704	3/4	41,497	3/4	53,523	3/4	65,535	3/4	77,560	3/4	89,591	3/4	101,622	3/4	113,654
7	5,917	7	17,952	7	29,948	7	41,748	7	53,773	7	65,785	7	77,810	7	89,842	7	101,873	7	113,905
1/4	6,168	1/4	18,203	1/4	30,192	1/4	41,998	1/4	54,024	1/4	66,035	1/4	78,061	1/4	90,093	1/4	102,124	1/4	114,156
1/2	6,419	1/2	18,454	1/2	30,436	1/2	42,249	1/2	54,274	1/2	66,285	1/2	78,312	1/2	90,343	1/2	102,374	1/2	114,406
3/4	6,669	3/4	18,704	3/4	30,680	3/4	42,499	3/4	54,525	3/4	66,535	3/4	78,562	3/4	90,594	3/4	102,625	3/4	114,657
8	6,920	8	18,955	8	30,924	8	42,750	8	54,775	8	66,785	8	78,813	8	90,845	8	102,876	8	114,908
1/4	7,171	1/4	19,206	1/4	31,168	1/4	43,000	1/4	55,026	1/4	67,035	1/4	79,064	1/4	91,095	1/4	103,126	1/4	115,158
1/2	7,422	1/2	19,457	1/2	31,412	1/2	43,251	1/2	55,276	1/2	67,285	1/2	79,314	1/2	91,346	1/2	103,377	1/2	115,409
3/4	7,673	3/4	19,707	3/4	31,656	3/4	43,501	3/4	55,527	3/4	67,535	3/4	79,565	3/4	91,597	3/4	103,628	3/4	115,660
9	7,924	9	19,958	9	31,900	9	43,752	9	55,777	9	67,785	9	79,816	9	91,847	9	103,878	9	115,910
1/4	8,175	1/4	20,209	1/4	32,144	1/4	44,002	1/4	56,028	1/4	68,036	1/4	80,066	1/4	92,098	1/4	104,129	1/4	116,161
1/2	8,426	1/2	20,459	1/2	32,388	1/2	44,253	1/2	56,278	1/2	68,286	1/2	80,317	1/2	92,349	1/2	104,380	1/2	116,412
3/4	8,677	3/4	20,710	3/4	32,632	3/4	44,503	3/4	56,529	3/4	68,536	3/4	80,568	3/4	92,599	3/4	104,630	3/4	116,662
10	8,927	10	20,961	10	32,876	10	44,754	10	56,780	10	68,786	10	80,818	10	92,850	10	104,881	10	116,913
1/4	9,178	1/4	21,211	1/4	33,120	1/4	45,004	1/4	57,030	1/4	69,037	1/4	81,069	1/4	93,101	1/4	105,132	1/4	117,164
1/2	9,429	1/2	21,462	1/2	33,364	1/2	45,255	1/2	57,281	1/2	69,288	1/2	81,320	1/2	93,351	1/2	105,382	1/2	117,415
3/4	9,680	3/4	21,713	3/4	33,608	3/4	45,506	3/4	57,531	3/4	69,538	3/4	81,570	3/4	93,602	3/4	105,633	3/4	117,665
11	9,931	11	21,963	11	33,852	11	45,756	11	57,782	11	69,789	11	81,821	11	93,852	11	105,884	11	117,916
1/4	10,182	1/4	22,214	1/4	34,095	1/4	46,007	1/4	58,032	1/4	70,040	1/4	82,072	1/4	94,103	1/4	106,134	1/4	118,167
1/2	10,432	1/2	22,465	1/2	34,339	1/2	46,257	1/2	58,282	1/2	70,290	1/2	82,322	1/2	94,354	1/2	106,385	1/2	118,419
3/4	10,683	3/4	22,715	3/4	34,583	3/4	46,508	3/4	58,533	3/4	70,541	3/4	82,573	3/4	94,604	3/4	106,636	3/4	118,670

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  
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# BARGE "IB 1963"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	118,921	0	129,422	0	137,212	0	145,003	0	152,760	0		0		0		0		0	
1/4	119,172	1/4	129,584	1/4	137,375	1/4	145,165	1/4	152,876	1/4		1/4		1/4		1/4		1/4	
1/2	119,423	1/2	129,746	1/2	137,537	1/2	145,328	1/2	152,992	1/2		1/2		1/2		1/2		1/2	
3/4	119,674	3/4	129,909	3/4	137,699	3/4	145,490	3/4	153,108	3/4		3/4		3/4		3/4		3/4	
1	119,926	1	130,071	1	137,862	1	145,652	1	153,224	1		1		1		1		1	
1/4	120,177	1/4	130,233	1/4	138,024	1/4	145,815	1/4	153,294	1/4		1/4		1/4		1/4		1/4	
1/2	120,428	1/2	130,396	1/2	138,186	1/2	145,977	1/2	153,364	1/2		1/2		1/2		1/2		1/2	
3/4	120,679	3/4	130,558	3/4	138,349	3/4	146,139	3/4	153,435	3/4		3/4		3/4		3/4		3/4	
2	120,930	2	130,720	2	138,511	2	146,302	2	153,505	2		2		2		2		2	
1/4	121,181	1/4	130,882	1/4	138,673	1/4	146,464	1/4	153,556	1/4		1/4		1/4		1/4		1/4	
1/2	121,433	1/2	131,045	1/2	138,835	1/2	146,626	1/2	153,608	1/2		1/2		1/2		1/2		1/2	
3/4	121,684	3/4	131,207	3/4	138,998	3/4	146,788	3/4	153,660	3/4		3/4		3/4		3/4		3/4	
3	121,935	3	131,369	3	139,160	3	146,951	3	153,711	3		3		3		3		3	
1/4	122,186	1/4	131,532	1/4	139,322	1/4	147,113	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,437	1/2	131,694	1/2	139,485	1/2	147,275	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,688	3/4	131,856	3/4	139,647	3/4	147,438	3/4		3/4		3/4		3/4		3/4		3/4	
4	122,940	4	132,019	4	139,809	4	147,600	4		4		4		4		4		4	
1/4	123,191	1/4	132,181	1/4	139,972	1/4	147,762	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,442	1/2	132,343	1/2	140,134	1/2	147,925	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,693	3/4	132,506	3/4	140,296	3/4	148,087	3/4		3/4		3/4		3/4		3/4		3/4	
5	123,944	5	132,668	5	140,459	5	148,249	5		5		5		5		5		5	
1/4	124,195	1/4	132,830	1/4	140,621	1/4	148,412	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,446	1/2	132,992	1/2	140,783	1/2	148,574	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,698	3/4	133,155	3/4	140,945	3/4	148,736	3/4		3/4		3/4		3/4		3/4		3/4	
6	124,949	6	133,317	6	141,108	6	148,898	6		6		6		6		6		6	
1/4	125,200	1/4	133,479	1/4	141,270	1/4	149,061	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,451	1/2	133,642	1/2	141,432	1/2	149,223	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,702	3/4	133,804	3/4	141,595	3/4	149,385	3/4		3/4		3/4		3/4		3/4		3/4	
7	125,953	7	133,966	7	141,757	7	149,548	7		7		7		7		7		7	
1/4	126,171	1/4	134,129	1/4	141,919	1/4	149,710	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,389	1/2	134,291	1/2	142,082	1/2	149,872	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,607	3/4	134,453	3/4	142,244	3/4	150,035	3/4		3/4		3/4		3/4		3/4		3/4	
8	126,825	8	134,616	8	142,406	8	150,197	8		8		8		8		8		8	
1/4	126,987	1/4	134,778	1/4	142,569	1/4	150,359	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,149	1/2	134,940	1/2	142,731	1/2	150,522	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,312	3/4	135,102	3/4	142,893	3/4	150,684	3/4		3/4		3/4		3/4		3/4		3/4	
9	127,474	9	135,265	9	143,055	9	150,846	9		9		9		9		9		9	
1/4	127,636	1/4	135,427	1/4	143,218	1/4	151,008	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,799	1/2	135,589	1/2	143,380	1/2	151,170	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,961	3/4	135,752	3/4	143,542	3/4	151,333	3/4		3/4		3/4		3/4		3/4		3/4	
10	128,123	10	135,914	10	143,705	10	151,495	10		10		10		10		10		10	
1/4	128,286	1/4	136,076	1/4	143,867	1/4	151,656	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,448	1/2	136,239	1/2	144,029	1/2	151,818	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,610	3/4	136,401	3/4	144,192	3/4	151,979	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,773	11	136,563	11	144,354	11	152,141	11		11		11		11		11		11	
1/4	128,935	1/4	136,726	1/4	144,516	1/4	152,296	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,097	1/2	136,888	1/2	144,679	1/2	152,451	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,259	3/4	137,050	3/4	144,841	3/4	152,606	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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<http://www.pmacorp.net>



# BARGE "IB 1963"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	87	0	10,477	0	22,022	0	33,386	0	44,829	0	56,374	0	67,920	0	79,465	0	91,010	0	102,556
1/4	157	1/4	10,718	1/4	22,263	1/4	33,620	1/4	45,070	1/4	56,615	1/4	68,160	1/4	79,705	1/4	91,251	1/4	102,796
1/2	227	1/2	10,958	1/2	22,503	1/2	33,853	1/2	45,310	1/2	56,855	1/2	68,401	1/2	79,946	1/2	91,491	1/2	103,037
3/4	297	3/4	11,199	3/4	22,744	3/4	34,086	3/4	45,551	3/4	57,096	3/4	68,641	3/4	80,187	3/4	91,732	3/4	103,277
1	367	1	11,439	1	22,984	1	34,320	1	45,791	1	57,336	1	68,882	1	80,427	1	91,972	1	103,518
1/4	517	1/4	11,680	1/4	23,225	1/4	34,553	1/4	46,032	1/4	57,577	1/4	69,122	1/4	80,668	1/4	92,213	1/4	103,758
1/2	668	1/2	11,920	1/2	23,465	1/2	34,787	1/2	46,272	1/2	57,817	1/2	69,363	1/2	80,908	1/2	92,453	1/2	103,999
3/4	818	3/4	12,161	3/4	23,706	3/4	35,020	3/4	46,513	3/4	58,058	3/4	69,603	3/4	81,149	3/4	92,694	3/4	104,239
2	968	2	12,401	2	23,946	2	35,254	2	46,753	2	58,299	2	69,844	2	81,389	2	92,934	2	104,480
1/4	1,183	1/4	12,642	1/4	24,187	1/4	35,487	1/4	46,994	1/4	58,539	1/4	70,084	1/4	81,630	1/4	93,175	1/4	104,720
1/2	1,397	1/2	12,882	1/2	24,427	1/2	35,721	1/2	47,234	1/2	58,780	1/2	70,325	1/2	81,870	1/2	93,416	1/2	104,961
3/4	1,612	3/4	13,123	3/4	24,668	3/4	35,954	3/4	47,475	3/4	59,020	3/4	70,565	3/4	82,111	3/4	93,656	3/4	105,201
3	1,827	3	13,363	3	24,908	3	36,188	3	47,715	3	59,261	3	70,806	3	82,351	3	93,897	3	105,442
1/4	2,066	1/4	13,604	1/4	25,149	1/4	36,424	1/4	47,956	1/4	59,501	1/4	71,046	1/4	82,592	1/4	94,137	1/4	105,682
1/2	2,305	1/2	13,845	1/2	25,389	1/2	36,660	1/2	48,196	1/2	59,742	1/2	71,287	1/2	82,832	1/2	94,378	1/2	105,923
3/4	2,544	3/4	14,085	3/4	25,630	3/4	36,896	3/4	48,437	3/4	59,982	3/4	71,528	3/4	83,073	3/4	94,618	3/4	106,163
4	2,783	4	14,326	4	25,870	4	37,132	4	48,677	4	60,223	4	71,768	4	83,313	4	94,859	4	106,404
1/4	3,023	1/4	14,566	1/4	26,111	1/4	37,373	1/4	48,918	1/4	60,463	1/4	72,009	1/4	83,554	1/4	95,099	1/4	106,645
1/2	3,263	1/2	14,807	1/2	26,351	1/2	37,613	1/2	49,158	1/2	60,704	1/2	72,249	1/2	83,794	1/2	95,340	1/2	106,885
3/4	3,503	3/4	15,047	3/4	26,592	3/4	37,854	3/4	49,399	3/4	60,944	3/4	72,490	3/4	84,035	3/4	95,580	3/4	107,126
5	3,743	5	15,288	5	26,833	5	38,094	5	49,640	5	61,185	5	72,730	5	84,275	5	95,821	5	107,366
1/4	3,984	1/4	15,528	1/4	27,070	1/4	38,335	1/4	49,880	1/4	61,425	1/4	72,971	1/4	84,516	1/4	96,061	1/4	107,607
1/2	4,224	1/2	15,769	1/2	27,308	1/2	38,575	1/2	50,121	1/2	61,666	1/2	73,211	1/2	84,757	1/2	96,302	1/2	107,847
3/4	4,465	3/4	16,009	3/4	27,546	3/4	38,816	3/4	50,361	3/4	61,906	3/4	73,452	3/4	84,997	3/4	96,542	3/4	108,088
6	4,705	6	16,250	6	27,784	6	39,056	6	50,602	6	62,147	6	73,692	6	85,238	6	96,783	6	108,328
1/4	4,946	1/4	16,490	1/4	28,017	1/4	39,297	1/4	50,842	1/4	62,388	1/4	73,933	1/4	85,478	1/4	97,023	1/4	108,569
1/2	5,186	1/2	16,731	1/2	28,251	1/2	39,537	1/2	51,083	1/2	62,628	1/2	74,173	1/2	85,719	1/2	97,264	1/2	108,809
3/4	5,427	3/4	16,971	3/4	28,484	3/4	39,778	3/4	51,323	3/4	62,869	3/4	74,414	3/4	85,959	3/4	97,505	3/4	109,050
7	5,667	7	17,212	7	28,718	7	40,018	7	51,564	7	63,109	7	74,654	7	86,200	7	97,745	7	109,290
1/4	5,908	1/4	17,452	1/4	28,951	1/4	40,259	1/4	51,804	1/4	63,350	1/4	74,895	1/4	86,440	1/4	97,986	1/4	109,531
1/2	6,148	1/2	17,693	1/2	29,185	1/2	40,500	1/2	52,045	1/2	63,590	1/2	75,135	1/2	86,681	1/2	98,226	1/2	109,771
3/4	6,389	3/4	17,933	3/4	29,418	3/4	40,740	3/4	52,285	3/4	63,831	3/4	75,376	3/4	86,921	3/4	98,467	3/4	110,012
8	6,629	8	18,174	8	29,651	8	40,981	8	52,526	8	64,071	8	75,617	8	87,162	8	98,707	8	110,252
1/4	6,870	1/4	18,414	1/4	29,885	1/4	41,221	1/4	52,766	1/4	64,312	1/4	75,857	1/4	87,402	1/4	98,948	1/4	110,493
1/2	7,110	1/2	18,655	1/2	30,118	1/2	41,462	1/2	53,007	1/2	64,552	1/2	76,098	1/2	87,643	1/2	99,188	1/2	110,734
3/4	7,351	3/4	18,895	3/4	30,352	3/4	41,702	3/4	53,247	3/4	64,793	3/4	76,338	3/4	87,883	3/4	99,429	3/4	110,974
9	7,591	9	19,136	9	30,585	9	41,943	9	53,488	9	65,033	9	76,579	9	88,124	9	99,669	9	111,215
1/4	7,832	1/4	19,376	1/4	30,818	1/4	42,183	1/4	53,729	1/4	65,274	1/4	76,819	1/4	88,364	1/4	99,910	1/4	111,455
1/2	8,072	1/2	19,617	1/2	31,052	1/2	42,424	1/2	53,969	1/2	65,514	1/2	77,060	1/2	88,605	1/2	100,150	1/2	111,696
3/4	8,313	3/4	19,857	3/4	31,285	3/4	42,664	3/4	54,210	3/4	65,755	3/4	77,300	3/4	88,846	3/4	100,391	3/4	111,936
10	8,553	10	20,098	10	31,519	10	42,905	10	54,450	10	65,995	10	77,541	10	89,086	10	100,631	10	112,177
1/4	8,794	1/4	20,339	1/4	31,752	1/4	43,145	1/4	54,691	1/4	66,236	1/4	77,781	1/4	89,327	1/4	100,872	1/4	112,417
1/2	9,034	1/2	20,579	1/2	31,986	1/2	43,386	1/2	54,931	1/2	66,476	1/2	78,022	1/2	89,567	1/2	101,112	1/2	112,658
3/4	9,275	3/4	20,820	3/4	32,219	3/4	43,626	3/4	55,172	3/4	66,717	3/4	78,262	3/4	89,808	3/4	101,353	3/4	112,898
11	9,515	11	21,060	11	32,452	11	43,867	11	55,412	11	66,958	11	78,503	11	90,048	11	101,593	11	113,139
1/4	9,756	1/4	21,301	1/4	32,686	1/4	44,107	1/4	55,653	1/4	67,198	1/4	78,743	1/4	90,289	1/4	101,834	1/4	113,379
1/2	9,996	1/2	21,541	1/2	32,919	1/2	44,348	1/2	55,893	1/2	67,439	1/2	78,984	1/2	90,529	1/2	102,075	1/2	113,620
3/4	10,237	3/4	21,782	3/4	33,153	3/4	44,588	3/4	56,134	3/4	67,679	3/4	79,224	3/4	90,770	3/4	102,315	3/4	113,860

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 1963"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	114,101	0	125,646	0	137,192	0	148,737	0	160,250	0		0		0		0		0	
1/4	114,341	1/4	125,887	1/4	137,432	1/4	148,977	1/4	160,446	1/4		1/4		1/4		1/4		1/4	
1/2	114,582	1/2	126,127	1/2	137,673	1/2	149,218	1/2	160,643	1/2		1/2		1/2		1/2		1/2	
3/4	114,822	3/4	126,368	3/4	137,913	3/4	149,458	3/4	160,839	3/4		3/4		3/4		3/4		3/4	
1	115,063	1	126,608	1	138,154	1	149,699	1	161,035	1		1		1		1		1	
1/4	115,304	1/4	126,849	1/4	138,394	1/4	149,939	1/4	161,155	1/4		1/4		1/4		1/4		1/4	
1/2	115,544	1/2	127,089	1/2	138,635	1/2	150,180	1/2	161,275	1/2		1/2		1/2		1/2		1/2	
3/4	115,785	3/4	127,330	3/4	138,875	3/4	150,421	3/4	161,396	3/4		3/4		3/4		3/4		3/4	
2	116,025	2	127,570	2	139,116	2	150,661	2	161,516	2		2		2		2		2	
1/4	116,266	1/4	127,811	1/4	139,356	1/4	150,902	1/4	161,565	1/4		1/4		1/4		1/4		1/4	
1/2	116,506	1/2	128,051	1/2	139,597	1/2	151,142	1/2	161,615	1/2		1/2		1/2		1/2		1/2	
3/4	116,747	3/4	128,292	3/4	139,837	3/4	151,383	3/4	161,664	3/4		3/4		3/4		3/4		3/4	
3	116,987	3	128,533	3	140,078	3	151,623	3	161,714	3		3		3		3		3	
1/4	117,228	1/4	128,773	1/4	140,318	1/4	151,864	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,468	1/2	129,014	1/2	140,559	1/2	152,104	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,709	3/4	129,254	3/4	140,799	3/4	152,345	3/4		3/4		3/4		3/4		3/4		3/4	
4	117,949	4	129,495	4	141,040	4	152,585	4		4		4		4		4		4	
1/4	118,190	1/4	129,735	1/4	141,280	1/4	152,826	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,430	1/2	129,976	1/2	141,521	1/2	153,066	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,671	3/4	130,216	3/4	141,762	3/4	153,307	3/4		3/4		3/4		3/4		3/4		3/4	
5	118,911	5	130,457	5	142,002	5	153,547	5		5		5		5		5		5	
1/4	119,152	1/4	130,697	1/4	142,243	1/4	153,788	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,393	1/2	130,938	1/2	142,483	1/2	154,028	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,633	3/4	131,178	3/4	142,724	3/4	154,269	3/4		3/4		3/4		3/4		3/4		3/4	
6	119,874	6	131,419	6	142,964	6	154,510	6		6		6		6		6		6	
1/4	120,114	1/4	131,659	1/4	143,205	1/4	154,750	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,355	1/2	131,900	1/2	143,445	1/2	154,991	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,595	3/4	132,140	3/4	143,686	3/4	155,231	3/4		3/4		3/4		3/4		3/4		3/4	
7	120,836	7	132,381	7	143,926	7	155,472	7		7		7		7		7		7	
1/4	121,076	1/4	132,622	1/4	144,167	1/4	155,712	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,317	1/2	132,862	1/2	144,407	1/2	155,953	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,557	3/4	133,103	3/4	144,648	3/4	156,193	3/4		3/4		3/4		3/4		3/4		3/4	
8	121,798	8	133,343	8	144,888	8	156,434	8		8		8		8		8		8	
1/4	122,038	1/4	133,584	1/4	145,129	1/4	156,674	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,279	1/2	133,824	1/2	145,369	1/2	156,915	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,519	3/4	134,065	3/4	145,610	3/4	157,155	3/4		3/4		3/4		3/4		3/4		3/4	
9	122,760	9	134,305	9	145,851	9	157,396	9		9		9		9		9		9	
1/4	123,000	1/4	134,546	1/4	146,091	1/4	157,636	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,241	1/2	134,786	1/2	146,332	1/2	157,877	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,481	3/4	135,027	3/4	146,572	3/4	158,117	3/4		3/4		3/4		3/4		3/4		3/4	
10	123,722	10	135,267	10	146,813	10	158,357	10		10		10		10		10		10	
1/4	123,963	1/4	135,508	1/4	147,053	1/4	158,597	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,203	1/2	135,748	1/2	147,294	1/2	158,837	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,444	3/4	135,989	3/4	147,534	3/4	159,077	3/4		3/4		3/4		3/4		3/4		3/4	
11	124,684	11	136,229	11	147,775	11	159,317	11		11		11		11		11		11	
1/4	124,925	1/4	136,470	1/4	148,015	1/4	159,550	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,165	1/2	136,710	1/2	148,256	1/2	159,783	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,406	3/4	136,951	3/4	148,496	3/4	160,017	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 1963"

## 3 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	86	0	10,397	0	21,853	0	33,297	0	44,748	0	56,204	0	67,661	0	79,117	0	90,574	0	102,030
1/4	156	1/4	10,635	1/4	22,092	1/4	33,536	1/4	44,986	1/4	56,443	1/4	67,899	1/4	79,356	1/4	90,812	1/4	102,269
1/2	225	1/2	10,874	1/2	22,330	1/2	33,774	1/2	45,225	1/2	56,682	1/2	68,138	1/2	79,595	1/2	91,051	1/2	102,507
3/4	295	3/4	11,113	3/4	22,569	3/4	34,012	3/4	45,464	3/4	56,920	3/4	68,377	3/4	79,833	3/4	91,290	3/4	102,746
1	364	1	11,352	1	22,808	1	34,250	1	45,703	1	57,159	1	68,615	1	80,072	1	91,528	1	102,985
1/4	514	1/4	11,590	1/4	23,046	1/4	34,489	1/4	45,941	1/4	57,398	1/4	68,854	1/4	80,311	1/4	91,767	1/4	103,223
1/2	663	1/2	11,829	1/2	23,285	1/2	34,727	1/2	46,180	1/2	57,636	1/2	69,093	1/2	80,549	1/2	92,006	1/2	103,462
3/4	812	3/4	12,068	3/4	23,524	3/4	34,965	3/4	46,419	3/4	57,875	3/4	69,331	3/4	80,788	3/4	92,244	3/4	103,701
2	961	2	12,306	2	23,762	2	35,203	2	46,657	2	58,114	2	69,570	2	81,027	2	92,483	2	103,940
1/4	1,174	1/4	12,545	1/4	24,001	1/4	35,442	1/4	46,896	1/4	58,352	1/4	69,809	1/4	81,265	1/4	92,722	1/4	104,178
1/2	1,387	1/2	12,784	1/2	24,240	1/2	35,680	1/2	47,135	1/2	58,591	1/2	70,047	1/2	81,504	1/2	92,960	1/2	104,417
3/4	1,600	3/4	13,022	3/4	24,478	3/4	35,918	3/4	47,373	3/4	58,830	3/4	70,286	3/4	81,743	3/4	93,199	3/4	104,656
3	1,813	3	13,261	3	24,717	3	36,156	3	47,612	3	59,068	3	70,525	3	81,981	3	93,438	3	104,894
1/4	2,050	1/4	13,500	1/4	24,956	1/4	36,395	1/4	47,851	1/4	59,307	1/4	70,764	1/4	82,220	1/4	93,676	1/4	105,133
1/2	2,287	1/2	13,738	1/2	25,194	1/2	36,633	1/2	48,089	1/2	59,546	1/2	71,002	1/2	82,459	1/2	93,915	1/2	105,372
3/4	2,524	3/4	13,977	3/4	25,433	3/4	36,872	3/4	48,328	3/4	59,784	3/4	71,241	3/4	82,697	3/4	94,154	3/4	105,610
4	2,761	4	14,216	4	25,672	4	37,110	4	48,567	4	60,023	4	71,480	4	82,936	4	94,392	4	105,849
1/4	3,000	1/4	14,454	1/4	25,910	1/4	37,349	1/4	48,805	1/4	60,262	1/4	71,718	1/4	83,175	1/4	94,631	1/4	106,088
1/2	3,238	1/2	14,693	1/2	26,149	1/2	37,588	1/2	49,044	1/2	60,500	1/2	71,957	1/2	83,413	1/2	94,870	1/2	106,326
3/4	3,476	3/4	14,932	3/4	26,388	3/4	37,826	3/4	49,283	3/4	60,739	3/4	72,196	3/4	83,652	3/4	95,108	3/4	106,565
5	3,715	5	15,170	5	26,626	5	38,065	5	49,521	5	60,978	5	72,434	5	83,891	5	95,347	5	106,804
1/4	3,953	1/4	15,409	1/4	26,865	1/4	38,304	1/4	49,760	1/4	61,216	1/4	72,673	1/4	84,129	1/4	95,586	1/4	107,042
1/2	4,192	1/2	15,648	1/2	27,103	1/2	38,542	1/2	49,999	1/2	61,455	1/2	72,912	1/2	84,368	1/2	95,825	1/2	107,281
3/4	4,430	3/4	15,886	3/4	27,342	3/4	38,781	3/4	50,237	3/4	61,694	3/4	73,150	3/4	84,607	3/4	96,063	3/4	107,520
6	4,669	6	16,125	6	27,580	6	39,020	6	50,476	6	61,932	6	73,389	6	84,845	6	96,302	6	107,758
1/4	4,908	1/4	16,364	1/4	27,818	1/4	39,258	1/4	50,715	1/4	62,171	1/4	73,628	1/4	85,084	1/4	96,541	1/4	107,997
1/2	5,146	1/2	16,602	1/2	28,057	1/2	39,497	1/2	50,953	1/2	62,410	1/2	73,866	1/2	85,323	1/2	96,779	1/2	108,236
3/4	5,385	3/4	16,841	3/4	28,295	3/4	39,736	3/4	51,192	3/4	62,649	3/4	74,105	3/4	85,561	3/4	97,018	3/4	108,474
7	5,624	7	17,080	7	28,533	7	39,974	7	51,431	7	62,887	7	74,344	7	85,800	7	97,257	7	108,713
1/4	5,862	1/4	17,318	1/4	28,771	1/4	40,213	1/4	51,669	1/4	63,126	1/4	74,582	1/4	86,039	1/4	97,495	1/4	108,952
1/2	6,101	1/2	17,557	1/2	29,010	1/2	40,452	1/2	51,908	1/2	63,365	1/2	74,821	1/2	86,277	1/2	97,734	1/2	109,190
3/4	6,340	3/4	17,796	3/4	29,248	3/4	40,690	3/4	52,147	3/4	63,603	3/4	75,060	3/4	86,516	3/4	97,973	3/4	109,429
8	6,578	8	18,034	8	29,486	8	40,929	8	52,385	8	63,842	8	75,298	8	86,755	8	98,211	8	109,668
1/4	6,817	1/4	18,273	1/4	29,724	1/4	41,168	1/4	52,624	1/4	64,081	1/4	75,537	1/4	86,994	1/4	98,450	1/4	109,906
1/2	7,056	1/2	18,512	1/2	29,962	1/2	41,406	1/2	52,863	1/2	64,319	1/2	75,776	1/2	87,232	1/2	98,689	1/2	110,145
3/4	7,294	3/4	18,750	3/4	30,201	3/4	41,645	3/4	53,101	3/4	64,558	3/4	76,014	3/4	87,471	3/4	98,927	3/4	110,384
9	7,533	9	18,989	9	30,439	9	41,884	9	53,340	9	64,797	9	76,253	9	87,710	9	99,166	9	110,622
1/4	7,772	1/4	19,228	1/4	30,677	1/4	42,122	1/4	53,579	1/4	65,035	1/4	76,492	1/4	87,948	1/4	99,405	1/4	110,861
1/2	8,010	1/2	19,466	1/2	30,915	1/2	42,361	1/2	53,818	1/2	65,274	1/2	76,730	1/2	88,187	1/2	99,643	1/2	111,100
3/4	8,249	3/4	19,705	3/4	31,153	3/4	42,600	3/4	54,056	3/4	65,513	3/4	76,969	3/4	88,426	3/4	99,882	3/4	111,338
10	8,487	10	19,944	10	31,392	10	42,838	10	54,295	10	65,751	10	77,208	10	88,664	10	100,121	10	111,577
1/4	8,726	1/4	20,182	1/4	31,630	1/4	43,077	1/4	54,534	1/4	65,990	1/4	77,446	1/4	88,903	1/4	100,359	1/4	111,816
1/2	8,965	1/2	20,421	1/2	31,868	1/2	43,316	1/2	54,772	1/2	66,229	1/2	77,685	1/2	89,142	1/2	100,598	1/2	112,055
3/4	9,203	3/4	20,660	3/4	32,106	3/4	43,554	3/4	55,011	3/4	66,467	3/4	77,924	3/4	89,380	3/4	100,837	3/4	112,293
11	9,442	11	20,898	11	32,345	11	43,793	11	55,250	11	66,706	11	78,162	11	89,619	11	101,075	11	112,532
1/4	9,681	1/4	21,137	1/4	32,583	1/4	44,032	1/4	55,488	1/4	66,945	1/4	78,401	1/4	89,858	1/4	101,314	1/4	112,771
1/2	9,919	1/2	21,376	1/2	32,821	1/2	44,270	1/2	55,727	1/2	67,183	1/2	78,640	1/2	90,096	1/2	101,553	1/2	113,009
3/4	10,158	3/4	21,614	3/4	33,059	3/4	44,509	3/4	55,966	3/4	67,422	3/4	78,879	3/4	90,335	3/4	101,791	3/4	113,248

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 1963"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	113,487	0	124,943	0	136,399	0	147,856	0	159,281	0		0		0		0		0	
1/4	113,725	1/4	125,182	1/4	136,638	1/4	148,095	1/4	159,475	1/4		1/4		1/4		1/4		1/4	
1/2	113,964	1/2	125,420	1/2	136,877	1/2	148,333	1/2	159,670	1/2		1/2		1/2		1/2		1/2	
3/4	114,203	3/4	125,659	3/4	137,116	3/4	148,572	3/4	159,865	3/4		3/4		3/4		3/4		3/4	
1	114,441	1	125,898	1	137,354	1	148,811	1	160,059	1	1	1	1	1	1	1	1	1	1
1/4	114,680	1/4	126,136	1/4	137,593	1/4	149,049	1/4	160,179	1/4		1/4		1/4		1/4		1/4	
1/2	114,919	1/2	126,375	1/2	137,832	1/2	149,288	1/2	160,298	1/2		1/2		1/2		1/2		1/2	
3/4	115,157	3/4	126,614	3/4	138,070	3/4	149,527	3/4	160,417	3/4		3/4		3/4		3/4		3/4	
2	115,396	2	126,852	2	138,309	2	149,765	2	160,537	2	2	2	2	2	2	2	2	2	2
1/4	115,635	1/4	127,091	1/4	138,548	1/4	150,004	1/4	160,586	1/4		1/4		1/4		1/4		1/4	
1/2	115,873	1/2	127,330	1/2	138,786	1/2	150,243	1/2	160,635	1/2		1/2		1/2		1/2		1/2	
3/4	116,112	3/4	127,568	3/4	139,025	3/4	150,481	3/4	160,684	3/4		3/4		3/4		3/4		3/4	
3	116,351	3	127,807	3	139,264	3	150,720	3	160,733	3		3		3		3		3	
1/4	116,589	1/4	128,046	1/4	139,502	1/4	150,959	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,828	1/2	128,284	1/2	139,741	1/2	151,197	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,067	3/4	128,523	3/4	139,980	3/4	151,436	3/4		3/4		3/4		3/4		3/4		3/4	
4	117,305	4	128,762	4	140,218	4	151,675	4		4		4		4		4		4	
1/4	117,544	1/4	129,001	1/4	140,457	1/4	151,913	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,783	1/2	129,239	1/2	140,696	1/2	152,152	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,021	3/4	129,478	3/4	140,934	3/4	152,391	3/4		3/4		3/4		3/4		3/4		3/4	
5	118,260	5	129,717	5	141,173	5	152,629	5		5		5		5		5		5	
1/4	118,499	1/4	129,955	1/4	141,412	1/4	152,868	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,737	1/2	130,194	1/2	141,650	1/2	153,107	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,976	3/4	130,433	3/4	141,889	3/4	153,345	3/4		3/4		3/4		3/4		3/4		3/4	
6	119,215	6	130,671	6	142,128	6	153,584	6		6		6		6		6		6	
1/4	119,453	1/4	130,910	1/4	142,366	1/4	153,823	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,692	1/2	131,149	1/2	142,605	1/2	154,062	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,931	3/4	131,387	3/4	142,844	3/4	154,300	3/4		3/4		3/4		3/4		3/4		3/4	
7	120,169	7	131,626	7	143,082	7	154,539	7		7		7		7		7		7	
1/4	120,408	1/4	131,865	1/4	143,321	1/4	154,778	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,647	1/2	132,103	1/2	143,560	1/2	155,016	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,886	3/4	132,342	3/4	143,798	3/4	155,255	3/4		3/4		3/4		3/4		3/4		3/4	
8	121,124	8	132,581	8	144,037	8	155,494	8		8		8		8		8		8	
1/4	121,363	1/4	132,819	1/4	144,276	1/4	155,732	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,602	1/2	133,058	1/2	144,514	1/2	155,971	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,840	3/4	133,297	3/4	144,753	3/4	156,210	3/4		3/4		3/4		3/4		3/4		3/4	
9	122,079	9	133,535	9	144,992	9	156,448	9		9		9		9		9		9	
1/4	122,318	1/4	133,774	1/4	145,230	1/4	156,687	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,556	1/2	134,013	1/2	145,469	1/2	156,925	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,795	3/4	134,251	3/4	145,708	3/4	157,164	3/4		3/4		3/4		3/4		3/4		3/4	
10	123,034	10	134,490	10	145,947	10	157,402	10		10		10		10		10		10	
1/4	123,272	1/4	134,729	1/4	146,185	1/4	157,640	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,511	1/2	134,967	1/2	146,424	1/2	157,878	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,750	3/4	135,206	3/4	146,663	3/4	158,116	3/4		3/4		3/4		3/4		3/4		3/4	
11	123,988	11	135,445	11	146,901	11	158,354	11		11		11		11		11		11	
1/4	124,227	1/4	135,683	1/4	147,140	1/4	158,586	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,466	1/2	135,922	1/2	147,379	1/2	158,817	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,704	3/4	136,161	3/4	147,617	3/4	159,049	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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