



BARGE "IB 1903"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8
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: 176'-09"

May 4, 2019

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



BARGE "IB 1903"

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	26	0	11,317	0	24,258	0	37,025	0	49,859	0	62,791	0	75,705	0	88,643	0	101,579	0	114,513				
1/4	72	1/4	11,586	1/4	24,528	1/4	37,287	1/4	50,128	1/4	63,060	1/4	75,974	1/4	88,913	1/4	101,848	1/4	114,783				
1/2	117	1/2	11,856	1/2	24,797	1/2	37,549	1/2	50,397	1/2	63,328	1/2	76,244	1/2	89,182	1/2	102,118	1/2	115,052				
3/4	162	3/4	12,126	3/4	25,067	3/4	37,812	3/4	50,667	3/4	63,597	3/4	76,513	3/4	89,452	3/4	102,387	3/4	115,322				
1	207	1	12,395	1	25,336	1	38,074	1	50,936	1	63,866	1	76,783	1	89,721	1	102,656	1	115,592				
1 1/4	342	1 1/4	12,665	1 1/4	25,606	1 1/4	38,336	1 1/4	51,206	1 1/4	64,135	1 1/4	77,052	1 1/4	89,991	1 1/4	102,926	1 1/4	115,861				
1 1/2	477	1 1/2	12,934	1 1/2	25,876	1 1/2	38,606	1 1/2	51,475	1 1/2	64,404	1 1/2	77,322	1 1/2	90,260	1 1/2	103,195	1 1/2	116,131				
1 3/4	612	1 3/4	13,204	1 3/4	26,145	1 3/4	38,876	1 3/4	51,744	1 3/4	64,674	1 3/4	77,592	1 3/4	90,530	1 3/4	103,464	1 3/4	116,400				
2	747	2	13,474	2	26,415	2	39,123	2	52,014	2	64,942	2	77,861	2	90,799	2	103,734	2	116,670				
1/4	971	1/4	13,743	1/4	26,685	1/4	39,388	1/4	52,283	1/4	65,211	1/4	78,131	1/4	91,069	1/4	104,003	1/4	116,939				
1/2	1,196	1/2	14,013	1/2	26,954	1/2	39,652	1/2	52,553	1/2	65,480	1/2	78,400	1/2	91,338	1/2	104,273	1/2	117,209				
3/4	1,421	3/4	14,282	3/4	27,224	3/4	39,916	3/4	52,822	3/4	65,749	3/4	78,670	3/4	91,608	3/4	104,542	3/4	117,478				
1	1,646	1	14,552	1	27,493	1	40,180	1	53,092	1	66,018	1	78,939	1	91,878	1	104,811	1	117,748				
1 1/4	1,910	1 1/4	14,822	1 1/4	27,763	1 1/4	40,445	1 1/4	53,361	1 1/4	66,287	1 1/4	79,209	1 1/4	92,147	1 1/4	105,081	1 1/4	118,018				
1 1/2	2,175	1 1/2	15,091	1 1/2	28,032	1 1/2	40,709	1 1/2	53,630	1 1/2	66,556	1 1/2	79,478	1 1/2	92,417	1 1/2	105,350	1 1/2	118,287				
1 3/4	2,439	1 3/4	15,361	1 3/4	28,302	1 3/4	40,973	1 3/4	53,900	1 3/4	66,825	1 3/4	79,748	1 3/4	92,686	1 3/4	105,619	1 3/4	118,557				
2	2,704	2	15,630	2	28,572	2	41,237	2	54,169	2	67,094	2	80,018	2	92,956	2	105,889	2	118,826				
1/4	2,971	1/4	15,900	1/4	28,841	1/4	41,507	1/4	54,439	1/4	67,363	1/4	80,287	1/4	93,225	1/4	106,158	1/4	119,096				
1/2	3,238	1/2	16,170	1/2	29,111	1/2	41,776	1/2	54,708	1/2	67,632	1/2	80,557	1/2	93,495	1/2	106,427	1/2	119,365				
3/4	3,505	3/4	16,439	3/4	29,381	3/4	42,045	3/4	54,977	3/4	67,901	3/4	80,826	3/4	93,764	3/4	106,697	3/4	119,635				
1	3,771	1	16,709	1	29,650	1	42,315	1	55,247	1	68,169	1	81,096	1	94,034	1	106,966	1	119,904				
1 1/4	4,040	1 1/4	16,979	1 1/4	29,920	1 1/4	42,584	1 1/4	55,516	1 1/4	68,438	1 1/4	81,365	1 1/4	94,303	1 1/4	107,236	1 1/4	120,174				
1 1/2	4,308	1 1/2	17,248	1 1/2	30,189	1 1/2	42,854	1 1/2	55,786	1 1/2	68,707	1 1/2	81,635	1 1/2	94,573	1 1/2	107,505	1 1/2	120,443				
1 3/4	4,577	1 3/4	17,518	1 3/4	30,459	1 3/4	43,123	1 3/4	56,055	1 3/4	68,976	1 3/4	81,904	1 3/4	94,843	1 3/4	107,775	1 3/4	120,713				
2	4,845	2	17,787	2	30,729	2	43,393	2	56,325	2	69,245	2	82,174	2	95,112	2	108,044	2	120,983				
1/4	5,114	1/4	18,057	1/4	30,991	1/4	43,662	1/4	56,594	1/4	69,514	1/4	82,443	1/4	95,382	1/4	108,314	1/4	121,252				
1/2	5,384	1/2	18,327	1/2	31,253	1/2	43,931	1/2	56,863	1/2	69,783	1/2	82,713	1/2	95,651	1/2	108,583	1/2	121,522				
3/4	5,653	3/4	18,596	3/4	31,516	3/4	44,201	3/4	57,133	3/4	70,052	3/4	82,983	3/4	95,921	3/4	108,853	3/4	121,791				
1	5,922	1	18,866	1	31,778	1	44,470	1	57,402	1	70,321	1	83,252	1	96,190	1	109,122	1	122,061				
1 1/4	6,192	1 1/4	19,135	1 1/4	32,040	1 1/4	44,740	1 1/4	57,672	1 1/4	70,590	1 1/4	83,522	1 1/4	96,460	1 1/4	109,392	1 1/4	122,330				
1 1/2	6,461	1 1/2	19,405	1 1/2	32,303	1 1/2	45,009	1 1/2	57,941	1 1/2	70,859	1 1/2	83,791	1 1/2	96,729	1 1/2	109,662	1 1/2	122,600				
1 3/4	6,731	1 3/4	19,675	1 3/4	32,565	1 3/4	45,278	1 3/4	58,210	1 3/4	71,128	1 3/4	84,061	1 3/4	96,999	1 3/4	109,931	1 3/4	122,869				
2	7,001	2	19,944	2	32,827	2	45,548	2	58,480	2	71,397	2	84,330	2	97,268	2	110,201	2	123,139				
1/4	7,270	1/4	20,214	1/4	33,090	1/4	45,817	1/4	58,749	1/4	71,666	1/4	84,600	1/4	97,538	1/4	110,470	1/4	123,408				
1/2	7,540	1/2	20,483	1/2	33,352	1/2	46,087	1/2	59,019	1/2	71,935	1/2	84,869	1/2	97,808	1/2	110,740	1/2	123,678				
3/4	7,810	3/4	20,753	3/4	33,614	3/4	46,356	3/4	59,288	3/4	72,204	3/4	85,139	3/4	98,077	3/4	111,009	3/4	123,948				
1	8,079	1	21,023	1	33,877	1	46,626	1	59,558	1	72,473	1	85,408	1	98,347	1	111,279	1	124,217				
1 1/4	8,349	1 1/4	21,292	1 1/4	34,139	1 1/4	46,895	1 1/4	59,827	1 1/4	72,742	1 1/4	85,678	1 1/4	98,616	1 1/4	111,548	1 1/4	124,487				
1 1/2	8,619	1 1/2	21,562	1 1/2	34,401	1 1/2	47,164	1 1/2	60,096	1 1/2	73,010	1 1/2	85,948	1 1/2	98,886	1 1/2	111,818	1 1/2	124,756				
1 3/4	8,889	1 3/4	21,832	1 3/4	34,664	1 3/4	47,434	1 3/4	60,366	1 3/4	73,279	1 3/4	86,217	1 3/4	99,155	1 3/4	112,087	1 3/4	125,025				
2	9,159	2	22,101	2	34,926	2	47,703	2	60,635	2	73,548	2	86,487	2	99,424	2	112,357	2	125,294				
1/4	9,429	1/4	22,371	1/4	35,188	1/4	47,973	1/4	60,905	1/4	73,818	1/4	86,756	1/4	99,693	1/4	112,627	1/4	125,564				
1/2	9,699	1/2	22,640	1/2	35,451	1/2	48,242	1/2	61,174	1/2	74,087	1/2	87,026	1/2	99,962	1/2	112,897	1/2	125,834				
3/4	9,968	3/4	22,910	3/4	35,713	3/4	48,511	3/4	61,443	3/4	74,357	3/4	87,295	3/4	100,232	3/4	113,166	3/4	126,103				
1	10,238	1	23,180	1	35,975	1	48,781	1	61,713	1	74,627	1	87,565	1	100,502	1	113,435	1	126,373				
1 1/4	10,508	1 1/4	23,449	1 1/4	36,238	1 1/4	49,050	1 1/4	61,982	1 1/4	74,896	1 1/4	87,834	1 1/4	100,771	1 1/4	113,705	1 1/4	126,642				
1 1/2	10,777	1 1/2	23,719	1 1/2	36,500	1 1/2	49,320	1 1/2	62,252	1 1/2	75,166	1 1/2	88,104	1 1/2	101,040	1 1/2	113,974	1 1/2	126,911				
1 3/4	11,047	1 3/4	23,988	1 3/4	36,762	1 3/4	49,589	1 3/4	62,521	1 3/4	75,435	1 3/4	88,373	1 3/4	101,310	1 3/4	114,244	1 3/4	127,181				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
http://www.pmatc.com

[Signature]



BARGE "IB 1903"

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	126,305	0	134,676	0	143,046	0	151,417	0	159,782	0		0		0		0		0	
1/4	126,479	1/4	134,850	1/4	143,221	1/4	151,592	1/4	159,944	1/4		1/4		1/4		1/4		1/4	
1/2	126,654	1/2	135,025	1/2	143,395	1/2	151,766	1/2	160,105	1/2		1/2		1/2		1/2		1/2	
3/4	126,828	3/4	135,199	3/4	143,570	3/4	151,940	3/4	160,267	3/4		3/4		3/4		3/4		3/4	
1	127,003	1	135,373	1	143,744	1	152,115	1	160,429	1		1		1		1		1	
1/4	127,177	1/4	135,548	1/4	143,918	1/4	152,289	1/4	160,513	1/4		1/4		1/4		1/4		1/4	
1/2	127,351	1/2	135,722	1/2	144,093	1/2	152,464	1/2	160,597	1/2		1/2		1/2		1/2		1/2	
3/4	127,526	3/4	135,897	3/4	144,267	3/4	152,638	3/4	160,682	3/4		3/4		3/4		3/4		3/4	
2	127,700	2	136,071	2	144,442	2	152,812	2	160,766	2		2		2		2		2	
1/4	127,875	1/4	136,245	1/4	144,616	1/4	152,987	1/4	160,855	1/4		1/4		1/4		1/4		1/4	
1/2	128,049	1/2	136,420	1/2	144,790	1/2	153,161	1/2	160,946	1/2		1/2		1/2		1/2		1/2	
3/4	128,223	3/4	136,594	3/4	144,965	3/4	153,335	3/4	161,036	3/4		3/4		3/4		3/4		3/4	
3	128,398	3	136,768	3	145,139	3	153,510	3	161,126	3		3		3		3		3	
1/4	128,572	1/4	136,943	1/4	145,314	1/4	153,684	1/4	161,149	1/4		1/4		1/4		1/4		1/4	
1/2	128,747	1/2	137,117	1/2	145,488	1/2	153,859	1/2	161,171	1/2		1/2		1/2		1/2		1/2	
3/4	128,921	3/4	137,292	3/4	145,662	3/4	154,033	3/4		3/4		3/4		3/4		3/4		3/4	
4	129,095	4	137,466	4	145,837	4	154,207	4		4		4		4		4		4	
1/4	129,270	1/4	137,640	1/4	146,011	1/4	154,382	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,444	1/2	137,815	1/2	146,186	1/2	154,556	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,618	3/4	137,989	3/4	146,360	3/4	154,731	3/4		3/4		3/4		3/4		3/4		3/4	
5	129,793	5	138,164	5	146,534	5	154,905	5		5		5		5		5		5	
1/4	129,967	1/4	138,338	1/4	146,709	1/4	155,079	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	130,142	1/2	138,512	1/2	146,883	1/2	155,254	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	130,316	3/4	138,687	3/4	147,057	3/4	155,428	3/4		3/4		3/4		3/4		3/4		3/4	
6	130,490	6	138,861	6	147,232	6	155,603	6		6		6		6		6		6	
1/4	130,665	1/4	139,036	1/4	147,406	1/4	155,777	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	130,839	1/2	139,210	1/2	147,581	1/2	155,951	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131,014	3/4	139,384	3/4	147,755	3/4	156,126	3/4		3/4		3/4		3/4		3/4		3/4	
7	131,188	7	139,559	7	147,929	7	156,300	7		7		7		7		7		7	
1/4	131,362	1/4	139,733	1/4	148,104	1/4	156,475	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131,537	1/2	139,907	1/2	148,278	1/2	156,649	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131,711	3/4	140,082	3/4	148,453	3/4	156,823	3/4		3/4		3/4		3/4		3/4		3/4	
8	131,886	8	140,256	8	148,627	8	156,998	8		8		8		8		8		8	
1/4	132,060	1/4	140,431	1/4	148,801	1/4	157,172	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132,234	1/2	140,605	1/2	148,976	1/2	157,346	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	132,409	3/4	140,779	3/4	149,150	3/4	157,521	3/4		3/4		3/4		3/4		3/4		3/4	
9	132,583	9	140,954	9	149,325	9	157,695	9		9		9		9		9		9	
1/4	132,757	1/4	141,128	1/4	149,499	1/4	157,870	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132,932	1/2	141,303	1/2	149,673	1/2	158,044	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133,106	3/4	141,477	3/4	149,848	3/4	158,218	3/4		3/4		3/4		3/4		3/4		3/4	
10	133,281	10	141,651	10	150,022	10	158,393	10		10		10		10		10		10	
1/4	133,455	1/4	141,826	1/4	150,196	1/4	158,567	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	133,629	1/2	142,000	1/2	150,371	1/2	158,741	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133,804	3/4	142,175	3/4	150,545	3/4	158,915	3/4		3/4		3/4		3/4		3/4		3/4	
11	133,978	11	142,349	11	150,720	11	159,089	11		11		11		11		11		11	
1/4	134,153	1/4	142,523	1/4	150,894	1/4	159,262	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	134,327	1/2	142,698	1/2	151,068	1/2	159,436	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	134,501	3/4	142,872	3/4	151,243	3/4	159,609	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

RESTRAPPED: 05/03/2019 JS
 RECALCULATED: 05/04/2019 CL
 REPRINTED: 05/05/2019 SW

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2019



BARGE "IB 1903"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 15'-02 1/2"											
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.				
0	26	0	10,863	0	23,301	0	35,659	0	47,894	0	60,332	0	72,771	0	85,209	0	97,647	0	110,085				
1/4	70	1/4	11,122	1/4	23,560	1/4	35,821	1/4	48,153	1/4	60,591	1/4	73,030	1/4	85,468	1/4	97,906	1/4	110,344				
1/2	113	1/2	11,382	1/2	23,819	1/2	36,073	1/2	48,412	1/2	60,851	1/2	73,289	1/2	85,727	1/2	98,165	1/2	110,603				
3/4	156	3/4	11,641	3/4	24,078	3/4	36,325	3/4	48,672	3/4	61,110	3/4	73,548	3/4	85,986	3/4	98,424	3/4	110,862				
1	199	1	11,900	1	24,337	1	36,577	1	48,931	1	61,369	1	73,807	1	86,245	1	98,683	1	111,122				
1 1/4	329	1 1/4	12,159	1 1/4	24,597	1 1/4	36,829	1 1/4	49,190	1 1/4	61,628	1 1/4	74,066	1 1/4	86,504	1 1/4	98,942	1 1/4	111,381				
1 1/2	458	1 1/2	12,418	1 1/2	24,856	1 1/2	37,081	1 1/2	49,449	1 1/2	61,887	1 1/2	74,325	1 1/2	86,763	1 1/2	99,202	1 1/2	111,640				
2	588	2	12,677	2	25,115	2	37,333	2	49,708	2	62,146	2	74,584	2	87,023	2	99,461	2	111,899				
2 1/2	717	2 1/2	12,936	2 1/2	25,374	2 1/2	37,585	2 1/2	49,967	2 1/2	62,405	2 1/2	74,844	2 1/2	87,282	2 1/2	99,720	2 1/2	112,158				
3	847	3	13,195	3	25,633	3	37,837	3	50,226	3	62,665	3	75,103	3	87,541	3	99,979	3	112,417				
3 1/4	976	3 1/4	13,454	3 1/4	25,892	3 1/4	38,089	3 1/4	50,485	3 1/4	62,924	3 1/4	75,362	3 1/4	87,800	3 1/4	100,238	3 1/4	112,676				
3 1/2	1,105	3 1/2	13,714	3 1/2	26,151	3 1/2	38,342	3 1/2	50,745	3 1/2	63,183	3 1/2	75,621	3 1/2	88,059	3 1/2	100,497	3 1/2	112,935				
4	1,234	4	13,973	4	26,410	4	38,594	4	51,004	4	63,442	4	75,880	4	88,318	4	100,756	4	113,195				
4 1/4	1,363	4 1/4	14,232	4 1/4	26,670	4 1/4	38,846	4 1/4	51,263	4 1/4	63,701	4 1/4	76,139	4 1/4	88,577	4 1/4	101,016	4 1/4	113,454				
4 1/2	1,492	4 1/2	14,491	4 1/2	26,929	4 1/2	39,098	4 1/2	51,522	4 1/2	63,960	4 1/2	76,398	4 1/2	88,836	4 1/2	101,275	4 1/2	113,713				
4 3/4	1,621	4 3/4	14,750	4 3/4	27,188	4 3/4	39,350	4 3/4	51,781	4 3/4	64,219	4 3/4	76,657	4 3/4	89,096	4 3/4	101,534	4 3/4	113,972				
5	1,750	5	15,009	5	27,447	5	39,602	5	52,040	5	64,478	5	76,917	5	89,355	5	101,793	5	114,231				
5 1/4	2,009	5 1/4	15,268	5 1/4	27,706	5 1/4	39,861	5 1/4	52,299	5 1/4	64,738	5 1/4	77,176	5 1/4	89,614	5 1/4	102,052	5 1/4	114,490				
5 1/2	2,138	5 1/2	15,527	5 1/2	27,965	5 1/2	40,120	5 1/2	52,558	5 1/2	64,997	5 1/2	77,435	5 1/2	89,873	5 1/2	102,311	5 1/2	114,749				
5 3/4	2,267	5 3/4	15,787	5 3/4	28,224	5 3/4	40,379	5 3/4	52,818	5 3/4	65,256	5 3/4	77,694	5 3/4	90,132	5 3/4	102,570	5 3/4	115,008				
6	2,396	6	16,046	6	28,483	6	40,639	6	53,077	6	65,515	6	77,953	6	90,391	6	102,829	6	115,268				
6 1/4	2,525	6 1/4	16,305	6 1/4	28,743	6 1/4	40,898	6 1/4	53,336	6 1/4	65,774	6 1/4	78,212	6 1/4	90,650	6 1/4	103,089	6 1/4	115,527				
6 1/2	2,654	6 1/2	16,564	6 1/2	29,002	6 1/2	41,157	6 1/2	53,595	6 1/2	66,033	6 1/2	78,471	6 1/2	90,910	6 1/2	103,348	6 1/2	115,786				
6 3/4	2,783	6 3/4	16,823	6 3/4	29,261	6 3/4	41,416	6 3/4	53,854	6 3/4	66,292	6 3/4	78,730	6 3/4	91,169	6 3/4	103,607	6 3/4	116,045				
7	2,912	7	17,082	7	29,520	7	41,675	7	54,113	7	66,551	7	78,990	7	91,428	7	103,866	7	116,304				
7 1/4	3,041	7 1/4	17,341	7 1/4	29,779	7 1/4	41,934	7 1/4	54,372	7 1/4	66,811	7 1/4	79,249	7 1/4	91,687	7 1/4	104,125	7 1/4	116,563				
7 1/2	3,170	7 1/2	17,600	7 1/2	30,038	7 1/2	42,193	7 1/2	54,632	7 1/2	67,070	7 1/2	79,508	7 1/2	91,946	7 1/2	104,384	7 1/2	116,822				
7 3/4	3,299	7 3/4	17,859	7 3/4	30,297	7 3/4	42,452	7 3/4	54,891	7 3/4	67,329	7 3/4	79,767	7 3/4	92,205	7 3/4	104,643	7 3/4	117,081				
8	3,428	8	18,119	8	30,556	8	42,711	8	55,150	8	67,588	8	80,026	8	92,464	8	104,902	8	117,340				
8 1/4	3,557	8 1/4	18,378	8 1/4	30,815	8 1/4	42,971	8 1/4	55,409	8 1/4	67,847	8 1/4	80,285	8 1/4	92,723	8 1/4	105,162	8 1/4	117,600				
8 1/2	3,686	8 1/2	18,637	8 1/2	31,074	8 1/2	43,230	8 1/2	55,668	8 1/2	68,106	8 1/2	80,544	8 1/2	92,982	8 1/2	105,421	8 1/2	117,859				
8 3/4	3,815	8 3/4	18,896	8 3/4	31,333	8 3/4	43,489	8 3/4	55,927	8 3/4	68,365	8 3/4	80,803	8 3/4	93,241	8 3/4	105,680	8 3/4	118,118				
9	3,944	9	19,155	9	31,592	9	43,748	9	56,186	9	68,624	9	81,063	9	93,501	9	105,939	9	118,377				
9 1/4	4,073	9 1/4	19,414	9 1/4	31,851	9 1/4	44,007	9 1/4	56,445	9 1/4	68,884	9 1/4	81,322	9 1/4	93,760	9 1/4	106,198	9 1/4	118,636				
9 1/2	4,202	9 1/2	19,673	9 1/2	32,110	9 1/2	44,266	9 1/2	56,704	9 1/2	69,143	9 1/2	81,581	9 1/2	94,019	9 1/2	106,457	9 1/2	118,895				
9 3/4	4,331	9 3/4	19,932	9 3/4	32,369	9 3/4	44,525	9 3/4	56,964	9 3/4	69,402	9 3/4	81,840	9 3/4	94,278	9 3/4	106,716	9 3/4	119,154				
10	4,460	10	20,191	10	32,628	10	44,784	10	57,223	10	69,661	10	82,099	10	94,537	10	106,975	10	119,414				
10 1/4	4,589	10 1/4	20,451	10 1/4	32,887	10 1/4	45,044	10 1/4	57,482	10 1/4	69,920	10 1/4	82,358	10 1/4	94,796	10 1/4	107,235	10 1/4	119,673				
10 1/2	4,718	10 1/2	20,710	10 1/2	33,146	10 1/2	45,303	10 1/2	57,741	10 1/2	70,179	10 1/2	82,617	10 1/2	95,055	10 1/2	107,494	10 1/2	119,932				
10 3/4	4,847	10 3/4	20,969	10 3/4	33,405	10 3/4	45,562	10 3/4	58,000	10 3/4	70,438	10 3/4	82,877	10 3/4	95,315	10 3/4	107,753	10 3/4	120,191				
11	4,976	11	21,228	11	33,664	11	45,821	11	58,259	11	70,697	11	83,136	11	95,574	11	108,012	11	120,450				
11 1/4	5,105	11 1/4	21,487	11 1/4	33,923	11 1/4	46,080	11 1/4	58,518	11 1/4	70,957	11 1/4	83,395	11 1/4	95,833	11 1/4	108,271	11 1/4	120,709				
11 1/2	5,234	11 1/2	21,746	11 1/2	34,181	11 1/2	46,339	11 1/2	58,778	11 1/2	71,216	11 1/2	83,654	11 1/2	96,092	11 1/2	108,530	11 1/2	120,968				
11 3/4	5,363	11 3/4	22,005	11 3/4	34,440	11 3/4	46,598	11 3/4	59,037	11 3/4	71,475	11 3/4	83,913	11 3/4	96,351	11 3/4	108,789	11 3/4	121,228				
12	5,492	12	22,264	12	34,699	12	46,857	12	59,296	12	71,734	12	84,172	12	96,610	12	109,048	12	121,487				
12 1/4	5,621	12 1/4	22,523	12 1/4	34,958	12 1/4	47,117	12 1/4	59,555	12 1/4	71,993	12 1/4	84,431	12 1/4	96,869	12 1/4	109,307	12 1/4	121,746				
12 1/2	5,750	12 1/2	22,782	12 1/2	35,217	12 1/2	47,376	12 1/2	59,814	12 1/2	72,252	12 1/2	84,690	12 1/2	97,128	12 1/2	109,566	12 1/2	122,005				
12 3/4	5,879	12 3/4	23,041	12 3/4	35,476	12 3/4	47,635	12 3/4	60,073	12 3/4	72,511	12 3/4	84,950	12 3/4	97,387	12 3/4	109,825	12 3/4	122,264				

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPMS 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 2082
 Pearland, Texas 77588
 http://www.pma.com.net



BARGE "IB 1903"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	122,523	134,961	147,399	159,838	172,276	184,715	197,153	209,592	222,030	234,469
1/4	122,782	135,220	147,659	160,097	172,535	184,974	197,412	209,851	222,289	234,728
1/2	123,041	135,480	147,918	160,356	172,794	185,233	197,671	210,110	222,548	235,000
3/4	123,301	135,739	148,177	160,615	173,053	185,492	197,930	210,369	222,807	235,259
1	123,560	135,998	148,436	160,874	173,312	185,750	198,189	210,628	223,066	235,518
1/4	123,819	136,257	148,695	161,133	173,571	186,009	198,448	210,887	223,325	235,777
1/2	124,078	136,516	148,954	161,392	173,830	186,268	198,707	211,146	223,584	236,036
3/4	124,337	136,775	149,213	161,651	174,089	186,527	198,966	211,405	223,843	236,295
2	124,596	137,034	149,472	161,910	174,348	186,786	199,225	211,664	224,102	236,554
1/4	124,855	137,293	149,732	162,170	174,607	187,045	199,484	211,923	224,361	236,813
1/2	125,114	137,553	149,991	162,429	174,866	187,304	199,743	212,182	224,620	237,072
3/4	125,374	137,812	150,250	162,688	175,125	187,563	199,999	212,441	224,879	237,331
3	125,633	138,071	150,509	162,947	175,384	187,822	200,258	212,700	225,138	237,590
1/4	125,892	138,330	150,768	163,206	175,643	188,081	200,517	212,959	225,397	237,849
1/2	126,151	138,589	151,027	163,465	175,902	188,340	200,776	213,218	225,656	238,108
3/4	126,410	138,848	151,286	163,724	176,161	188,599	201,035	213,477	225,915	238,367
4	126,669	139,107	151,546	163,984	176,420	188,858	201,294	213,736	226,174	238,626
1/4	126,928	139,367	151,805	164,243	176,679	189,117	201,553	213,995	226,433	238,885
1/2	127,187	139,626	152,064	164,502	176,938	189,376	201,812	214,254	226,692	239,144
3/4	127,447	139,885	152,323	164,761	177,197	189,635	202,071	214,513	226,951	239,403
5	127,706	140,144	152,582	165,020	177,456	189,894	202,330	214,772	227,210	239,662
1/4	127,965	140,403	152,841	165,279	177,715	190,153	202,589	215,031	227,469	239,921
1/2	128,224	140,662	153,100	165,538	177,974	190,412	202,848	215,290	227,728	240,180
3/4	128,483	140,921	153,359	165,797	178,233	190,671	203,107	215,549	227,987	240,439
6	128,742	141,180	153,618	166,056	178,492	190,930	203,366	215,808	228,246	240,698
1/4	129,001	141,440	153,878	166,315	178,751	191,189	203,625	216,067	228,505	240,957
1/2	129,261	141,699	154,137	166,574	179,010	191,448	203,884	216,326	228,764	241,216
3/4	129,520	141,958	154,396	166,833	179,269	191,707	204,143	216,585	229,023	241,475
7	129,779	142,217	154,655	167,093	179,528	191,966	204,402	216,844	229,282	241,734
1/4	130,038	142,476	154,914	167,352	179,787	192,225	204,661	217,103	229,541	241,993
1/2	130,297	142,735	155,173	167,611	180,046	192,484	204,920	217,362	229,800	242,252
3/4	130,556	142,994	155,432	167,870	180,305	192,743	205,179	217,621	230,059	242,511
8	130,815	143,253	155,692	168,130	180,564	193,002	205,438	217,880	230,318	242,770
1/4	131,074	143,513	155,951	168,389	180,823	193,261	205,697	218,139	230,577	243,029
1/2	131,334	143,772	156,210	168,648	181,082	193,520	205,956	218,398	230,836	243,288
3/4	131,593	144,031	156,469	168,907	181,341	193,779	206,215	218,657	231,095	243,547
9	131,852	144,290	156,728	169,166	181,600	194,038	206,474	218,916	231,354	243,806
1/4	132,111	144,549	156,987	169,425	181,859	194,297	206,733	219,175	231,613	244,065
1/2	132,370	144,808	157,246	169,685	182,118	194,556	206,992	219,434	231,872	244,324
3/4	132,629	145,067	157,506	169,944	182,377	194,815	207,251	219,693	232,131	244,583
10	132,888	145,326	157,765	170,203	182,636	195,074	207,510	219,952	232,390	244,842
1/4	133,147	145,586	158,024	170,462	182,895	195,333	207,769	220,211	232,649	245,101
1/2	133,407	145,845	158,283	170,721	183,154	195,592	208,028	220,470	232,900	245,360
3/4	133,666	146,104	158,542	170,980	183,413	195,851	208,287	220,729	233,159	245,619
11	133,925	146,363	158,801	171,239	183,672	196,110	208,546	220,988	233,418	245,878
1/4	134,184	146,622	159,060	171,498	183,931	196,369	208,805	221,247	233,677	246,137
1/2	134,443	146,881	159,319	171,757	184,190	196,628	209,064	221,506	233,936	246,396
3/4	134,702	147,140	159,578	172,016	184,449	196,887	209,323	221,765	234,195	246,655

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

RESTRAPPED: 05/03/2019 JS
 RECALCULATED: 05/04/2019 CL
 REPRINTED: 06/05/2019 SW
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2019

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



BARGE "IB 1903"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT '15'-02"											
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	26	0	10,751	0	23,060	0	35,359	0	47,651	0	59,971	0	72,280	0	84,590	0	96,899	0	109,208				
1/4	69	1/4	11,008	1/4	23,317	1/4	35,615	1/4	47,918	1/4	60,227	1/4	72,537	1/4	84,846	1/4	97,156	1/4	109,465				
1/2	112	1/2	11,264	1/2	23,573	1/2	35,871	1/2	48,174	1/2	60,484	1/2	72,793	1/2	85,103	1/2	97,412	1/2	109,722				
3/4	154	3/4	11,520	3/4	23,829	3/4	36,127	3/4	48,431	3/4	60,740	3/4	73,050	3/4	85,359	3/4	97,669	3/4	109,972				
1	197	1	11,777	1	24,086	1	36,383	1	48,687	1	60,997	1	73,306	1	85,616	1	97,925	1	110,235				
1 1/4	240	1 1/4	12,033	1 1/4	24,342	1 1/4	36,639	1 1/4	48,944	1 1/4	61,253	1 1/4	73,563	1 1/4	85,872	1 1/4	98,182	1 1/4	110,491				
1 1/2	282	1 1/2	12,290	1 1/2	24,598	1 1/2	36,895	1 1/2	49,200	1 1/2	61,510	1 1/2	73,819	1 1/2	86,128	1 1/2	98,438	1 1/2	110,747				
2	324	2	12,546	2	24,855	2	37,151	2	49,456	2	61,766	2	74,075	2	86,385	2	98,694	2	111,004				
2 1/4	366	2 1/4	12,803	2 1/4	25,112	2 1/4	37,407	2 1/4	49,713	2 1/4	62,022	2 1/4	74,332	2 1/4	86,641	2 1/4	98,951	2 1/4	111,260				
2 1/2	408	2 1/2	13,059	2 1/2	25,368	2 1/2	37,663	2 1/2	49,969	2 1/2	62,279	2 1/2	74,588	2 1/2	86,898	2 1/2	99,207	2 1/2	111,517				
3	450	3	13,315	3	25,625	3	37,919	3	50,226	3	62,535	3	74,845	3	87,154	3	99,464	3	111,773				
3 1/4	492	3 1/4	13,572	3 1/4	25,881	3 1/4	38,175	3 1/4	50,482	3 1/4	62,792	3 1/4	75,101	3 1/4	87,411	3 1/4	99,720	3 1/4	112,030				
3 1/2	534	3 1/2	13,828	3 1/2	26,137	3 1/2	38,431	3 1/2	50,739	3 1/2	63,048	3 1/2	75,358	3 1/2	87,667	3 1/2	99,977	3 1/2	112,286				
4	576	4	14,085	4	26,394	4	38,687	4	50,995	4	63,305	4	75,614	4	87,924	4	100,233	4	112,543				
4 1/4	618	4 1/4	14,341	4 1/4	26,650	4 1/4	38,943	4 1/4	51,252	4 1/4	63,561	4 1/4	75,871	4 1/4	88,180	4 1/4	100,490	4 1/4	112,799				
4 1/2	660	4 1/2	14,598	4 1/2	26,907	4 1/2	39,199	4 1/2	51,508	4 1/2	63,818	4 1/2	76,127	4 1/2	88,437	4 1/2	100,746	4 1/2	113,055				
5	702	5	14,854	5	27,163	5	39,455	5	51,764	5	64,074	5	76,383	5	88,693	5	101,002	5	113,312				
5 1/4	744	5 1/4	15,111	5 1/4	27,420	5 1/4	39,711	5 1/4	52,021	5 1/4	64,330	5 1/4	76,640	5 1/4	88,949	5 1/4	101,259	5 1/4	113,568				
5 1/2	786	5 1/2	15,367	5 1/2	27,676	5 1/2	39,968	5 1/2	52,277	5 1/2	64,587	5 1/2	76,896	5 1/2	89,206	5 1/2	101,515	5 1/2	113,825				
6	828	6	15,623	6	27,932	6	40,224	6	52,534	6	64,843	6	77,153	6	89,462	6	101,772	6	114,081				
6 1/4	870	6 1/4	15,880	6 1/4	28,189	6 1/4	40,481	6 1/4	52,790	6 1/4	65,100	6 1/4	77,409	6 1/4	89,719	6 1/4	102,028	6 1/4	114,338				
6 1/2	912	6 1/2	16,136	6 1/2	28,445	6 1/2	40,737	6 1/2	53,047	6 1/2	65,356	6 1/2	77,666	6 1/2	89,975	6 1/2	102,285	6 1/2	114,594				
7	954	7	16,393	7	28,702	7	40,994	7	53,303	7	65,613	7	77,922	7	90,232	7	102,541	7	114,851				
7 1/4	996	7 1/4	16,649	7 1/4	28,958	7 1/4	41,250	7 1/4	53,560	7 1/4	65,869	7 1/4	78,179	7 1/4	90,488	7 1/4	102,798	7 1/4	115,107				
7 1/2	1,038	7 1/2	16,906	7 1/2	29,215	7 1/2	41,507	7 1/2	53,816	7 1/2	66,126	7 1/2	78,435	7 1/2	90,745	7 1/2	103,054	7 1/2	115,364				
8	1,080	8	17,162	8	29,471	8	41,763	8	54,073	8	66,382	8	78,692	8	91,001	8	103,311	8	115,620				
8 1/4	1,122	8 1/4	17,418	8 1/4	29,727	8 1/4	42,019	8 1/4	54,329	8 1/4	66,638	8 1/4	78,948	8 1/4	91,257	8 1/4	103,567	8 1/4	115,876				
8 1/2	1,164	8 1/2	17,675	8 1/2	29,983	8 1/2	42,275	8 1/2	54,585	8 1/2	66,895	8 1/2	79,204	8 1/2	91,514	8 1/2	103,823	8 1/2	116,133				
9	1,206	9	17,931	9	30,239	9	42,532	9	54,842	9	67,151	9	79,461	9	91,770	9	104,080	9	116,389				
9 1/4	1,248	9 1/4	18,188	9 1/4	30,495	9 1/4	42,789	9 1/4	55,098	9 1/4	67,408	9 1/4	79,717	9 1/4	92,027	9 1/4	104,336	9 1/4	116,646				
9 1/2	1,290	9 1/2	18,444	9 1/2	30,751	9 1/2	43,045	9 1/2	55,355	9 1/2	67,664	9 1/2	79,974	9 1/2	92,283	9 1/2	104,592	9 1/2	116,902				
10	1,332	10	18,701	10	31,007	10	43,302	10	55,611	10	67,921	10	80,230	10	92,540	10	104,849	10	117,159				
10 1/4	1,374	10 1/4	18,957	10 1/4	31,263	10 1/4	43,558	10 1/4	55,868	10 1/4	68,177	10 1/4	80,487	10 1/4	92,796	10 1/4	105,106	10 1/4	117,415				
10 1/2	1,416	10 1/2	19,214	10 1/2	31,519	10 1/2	43,815	10 1/2	56,124	10 1/2	68,434	10 1/2	80,743	10 1/2	93,053	10 1/2	105,362	10 1/2	117,672				
11	1,458	11	19,470	11	31,775	11	44,071	11	56,381	11	68,690	11	81,000	11	93,309	11	105,619	11	117,928				
11 1/4	1,500	11 1/4	19,726	11 1/4	32,031	11 1/4	44,327	11 1/4	56,637	11 1/4	68,946	11 1/4	81,256	11 1/4	93,565	11 1/4	105,875	11 1/4	118,184				
11 1/2	1,542	11 1/2	19,983	11 1/2	32,287	11 1/2	44,584	11 1/2	56,893	11 1/2	69,203	11 1/2	81,512	11 1/2	93,822	11 1/2	106,131	11 1/2	118,441				
12	1,584	12	20,239	12	32,543	12	44,840	12	57,150	12	69,459	12	81,769	12	94,078	12	106,388	12	118,697				
12 1/4	1,626	12 1/4	20,496	12 1/4	32,799	12 1/4	45,097	12 1/4	57,406	12 1/4	69,716	12 1/4	82,025	12 1/4	94,335	12 1/4	106,644	12 1/4	118,954				
12 1/2	1,668	12 1/2	20,752	12 1/2	33,055	12 1/2	45,353	12 1/2	57,663	12 1/2	69,972	12 1/2	82,282	12 1/2	94,591	12 1/2	106,901	12 1/2	119,210				
13	1,710	13	21,009	13	33,311	13	45,610	13	57,919	13	70,229	13	82,538	13	94,848	13	107,157	13	119,467				
13 1/4	1,752	13 1/4	21,265	13 1/4	33,567	13 1/4	45,866	13 1/4	58,176	13 1/4	70,485	13 1/4	82,795	13 1/4	95,104	13 1/4	107,414	13 1/4	119,723				
13 1/2	1,794	13 1/2	21,522	13 1/2	33,823	13 1/2	46,123	13 1/2	58,432	13 1/2	70,742	13 1/2	83,051	13 1/2	95,361	13 1/2	107,670	13 1/2	119,980				
14	1,836	14	21,778	14	34,079	14	46,379	14	58,689	14	70,998	14	83,308	14	95,617	14	107,927	14	120,236				
14 1/4	1,878	14 1/4	22,034	14 1/4	34,335	14 1/4	46,636	14 1/4	58,945	14 1/4	71,255	14 1/4	83,564	14 1/4	95,874	14 1/4	108,183	14 1/4	120,493				
14 1/2	1,920	14 1/2	22,291	14 1/2	34,591	14 1/2	46,892	14 1/2	59,201	14 1/2	71,511	14 1/2	83,820	14 1/2	96,130	14 1/2	108,439	14 1/2	120,749				
15	1,962	15	22,547	15	34,847	15	47,148	15	59,458	15	71,767	15	84,077	15	96,386	15	108,696	15	121,005				
15 1/4	2,004	15 1/4	22,804	15 1/4	35,103	15 1/4	47,405	15 1/4	59,714	15 1/4	72,024	15 1/4	84,333	15 1/4	96,643	15 1/4	108,952	15 1/4	121,262				

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 3'-0" 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.pmaacorp.net



BARGE "IB 1903"

3 CENTER
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02"

11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	121,518	0	133,828	0	146,137	0	158,447	0	170,751	0	183,055	0	195,359	0	207,663	0	219,967
1/4	121,775	1/4	134,084	1/4	146,394	1/4	158,703	1/4	171,009	1/4	183,313	1/4	195,617	1/4	207,921	1/4	220,225
1/2	122,031	1/2	134,341	1/2	146,650	1/2	158,960	1/2	171,239	1/2	183,543	1/2	195,847	1/2	208,151	1/2	220,459
3/4	122,288	3/4	134,597	3/4	146,907	3/4	159,216	3/4	171,484	3/4	183,788	3/4	196,092	3/4	208,396	3/4	220,717
1	122,544	1	134,854	1	147,163	1	159,473	1	171,728	1	184,032	1	196,336	1	208,640	1	221,000
1/4	122,801	1/4	135,110	1/4	147,420	1/4	159,729	1/4	171,989	1/4	184,293	1/4	196,597	1/4	208,901	1/4	221,260
1/2	123,057	1/2	135,366	1/2	147,676	1/2	159,985	1/2	172,247	1/2	184,551	1/2	196,855	1/2	209,155	1/2	221,520
3/4	123,313	3/4	135,623	3/4	147,932	3/4	160,242	3/4	172,504	3/4	184,809	3/4	197,113	3/4	209,411	3/4	221,780
2	123,570	2	135,879	2	148,189	2	160,498	2	172,762	2	185,067	2	197,370	2	209,668	2	222,040
1/4	123,826	1/4	136,136	1/4	148,445	1/4	160,755	1/4	173,020	1/4	185,325	1/4	197,628	1/4	209,926	1/4	222,300
1/2	124,083	1/2	136,392	1/2	148,702	1/2	161,011	1/2	173,278	1/2	185,583	1/2	197,886	1/2	210,184	1/2	222,560
3/4	124,339	3/4	136,649	3/4	148,958	3/4	161,268	3/4	173,536	3/4	185,841	3/4	198,144	3/4	210,442	3/4	222,820
3	124,596	3	136,905	3	149,215	3	161,524	3	173,794	3	186,100	3	198,402	3	210,700	3	223,080
1/4	124,852	1/4	137,162	1/4	149,471	1/4	161,781	1/4	174,052	1/4	186,358	1/4	198,660	1/4	210,958	1/4	223,340
1/2	125,109	1/2	137,418	1/2	149,728	1/2	162,037	1/2	174,310	1/2	186,616	1/2	198,918	1/2	211,216	1/2	223,600
3/4	125,365	3/4	137,675	3/4	149,984	3/4	162,294	3/4	174,568	3/4	186,874	3/4	199,176	3/4	211,474	3/4	223,860
4	125,621	4	137,931	4	150,240	4	162,550	4	174,826	4	187,132	4	199,434	4	211,732	4	224,120
1/4	125,878	1/4	138,187	1/4	150,497	1/4	162,806	1/4	175,084	1/4	187,390	1/4	199,692	1/4	211,990	1/4	224,380
1/2	126,134	1/2	138,444	1/2	150,753	1/2	163,063	1/2	175,342	1/2	187,648	1/2	199,950	1/2	212,248	1/2	224,640
3/4	126,391	3/4	138,700	3/4	151,010	3/4	163,319	3/4	175,600	3/4	187,906	3/4	200,208	3/4	212,506	3/4	224,900
5	126,647	5	138,957	5	151,266	5	163,576	5	175,858	5	188,164	5	200,466	5	212,764	5	225,160
1/4	126,904	1/4	139,213	1/4	151,523	1/4	163,832	1/4	176,116	1/4	188,422	1/4	200,722	1/4	213,022	1/4	225,420
1/2	127,160	1/2	139,470	1/2	151,779	1/2	164,089	1/2	176,374	1/2	188,679	1/2	200,980	1/2	213,280	1/2	225,680
3/4	127,417	3/4	139,726	3/4	152,036	3/4	164,345	3/4	176,632	3/4	188,937	3/4	201,238	3/4	213,538	3/4	225,940
6	127,673	6	139,983	6	152,292	6	164,602	6	176,890	6	189,195	6	201,496	6	213,796	6	226,200
1/4	127,930	1/4	140,239	1/4	152,549	1/4	164,858	1/4	177,148	1/4	189,454	1/4	201,754	1/4	214,054	1/4	226,460
1/2	128,186	1/2	140,495	1/2	152,805	1/2	165,114	1/2	177,406	1/2	189,712	1/2	202,012	1/2	214,312	1/2	226,720
3/4	128,442	3/4	140,752	3/4	153,061	3/4	165,371	3/4	177,664	3/4	190,000	3/4	202,270	3/4	214,570	3/4	226,980
7	128,699	7	141,008	7	153,318	7	165,627	7	177,922	7	190,258	7	202,528	7	214,828	7	227,240
1/4	128,955	1/4	141,265	1/4	153,574	1/4	165,884	1/4	178,180	1/4	190,516	1/4	202,786	1/4	215,086	1/4	227,500
1/2	129,212	1/2	141,521	1/2	153,831	1/2	166,140	1/2	178,438	1/2	190,774	1/2	203,044	1/2	215,344	1/2	227,760
3/4	129,468	3/4	141,778	3/4	154,087	3/4	166,397	3/4	178,696	3/4	191,002	3/4	203,302	3/4	215,602	3/4	228,020
8	129,725	8	142,034	8	154,344	8	166,653	8	178,954	8	191,260	8	203,560	8	215,860	8	228,280
1/4	129,981	1/4	142,291	1/4	154,600	1/4	166,910	1/4	179,212	1/4	191,518	1/4	203,818	1/4	216,118	1/4	228,540
1/2	130,238	1/2	142,547	1/2	154,857	1/2	167,166	1/2	179,470	1/2	191,776	1/2	204,076	1/2	216,376	1/2	228,800
3/4	130,494	3/4	142,803	3/4	155,113	3/4	167,422	3/4	179,728	3/4	192,034	3/4	204,334	3/4	216,634	3/4	229,060
9	130,750	9	143,060	9	155,369	9	167,679	9	180,000	9	192,292	9	204,592	9	216,892	9	229,320
1/4	131,007	1/4	143,316	1/4	155,626	1/4	167,935	1/4	180,258	1/4	192,550	1/4	204,850	1/4	217,150	1/4	229,580
1/2	131,263	1/2	143,573	1/2	155,882	1/2	168,192	1/2	180,516	1/2	192,808	1/2	205,108	1/2	217,408	1/2	229,840
3/4	131,520	3/4	143,829	3/4	156,139	3/4	168,448	3/4	180,774	3/4	193,066	3/4	205,366	3/4	217,666	3/4	230,100
10	131,776	10	144,086	10	156,395	10	168,705	10	181,032	10	193,324	10	205,624	10	217,924	10	230,360
1/4	132,033	1/4	144,342	1/4	156,652	1/4	168,961	1/4	181,290	1/4	193,582	1/4	205,882	1/4	218,182	1/4	230,620
1/2	132,289	1/2	144,599	1/2	156,908	1/2	169,217	1/2	181,548	1/2	193,840	1/2	206,140	1/2	218,440	1/2	230,880
3/4	132,546	3/4	144,855	3/4	157,165	3/4	169,473	3/4	181,806	3/4	194,098	3/4	206,398	3/4	218,698	3/4	231,140
11	132,802	11	145,112	11	157,421	11	169,729	11	182,064	11	194,356	11	206,656	11	218,956	11	231,400
1/4	133,058	1/4	145,368	1/4	157,677	1/4	169,985	1/4	182,322	1/4	194,614	1/4	206,914	1/4	219,214	1/4	231,660
1/2	133,315	1/2	145,624	1/2	157,934	1/2	170,240	1/2	182,580	1/2	194,872	1/2	207,172	1/2	219,472	1/2	231,920
3/4	133,571	3/4	145,881	3/4	158,190	3/4	170,495	3/4	182,838	3/4	195,130	3/4	207,430	3/4	219,730	3/4	232,180

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

RESTRAPPED: 05/03/2019 JS
 RECALCULATED: 05/04/2019 CL
 REPRINTED: 05/05/2019 SW
 CANCEL S AND SUPERCEDES
 ALL PRIOR TO 05/2019

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