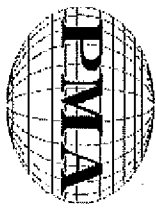


021



# BARGE "1B 1911"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
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: 176'-09"

June 8, 2019

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

<http://www.pmacorp.net>



# BARGE "IB 1911"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	26	0	11,319	0	24,262	0	37,032	0	49,868	0	62,802	0	75,719	0	88,659	0	101,597	0	114,534
1/4	72	1/4	11,588	1/4	24,532	1/4	37,294	1/4	50,137	1/4	63,071	1/4	75,988	1/4	88,929	1/4	101,867	1/4	114,804
1/2	117	1/2	11,858	1/2	24,802	1/2	37,556	1/2	50,407	1/2	63,340	1/2	76,258	1/2	89,198	1/2	102,136	1/2	115,073
3/4	162	3/4	12,128	3/4	25,071	3/4	37,819	3/4	50,676	3/4	63,609	3/4	76,527	3/4	89,468	3/4	102,406	3/4	115,343
1	207	1	12,397	1	25,341	1	38,081	1	50,931	1	63,878	1	76,773	1	89,737	1	102,675	1	115,613
1/4	342	1/4	12,667	1/4	25,611	1/4	38,343	1/4	51,215	1/4	64,147	1/4	77,066	1/4	90,007	1/4	102,944	1/4	115,882
1/2	477	1/2	12,937	1/2	25,880	1/2	38,606	1/2	51,484	1/2	64,416	1/2	77,336	1/2	90,277	1/2	103,214	1/2	116,152
3/4	612	3/4	13,206	3/4	26,150	3/4	38,868	3/4	51,764	3/4	64,685	3/4	77,606	3/4	90,546	3/4	103,483	3/4	116,421
1	747	1	13,476	1	26,420	1	39,131	1	52,033	1	64,954	1	77,875	1	90,816	1	103,753	1	116,691
1/4	972	1/4	13,746	1/4	26,689	1/4	39,395	1/4	52,293	1/4	65,223	1/4	78,145	1/4	91,085	1/4	104,022	1/4	116,961
1/2	1,196	1/2	14,015	1/2	26,959	1/2	39,659	1/2	52,562	1/2	65,492	1/2	78,414	1/2	91,355	1/2	104,291	1/2	117,230
3/4	1,421	3/4	14,285	3/4	27,229	3/4	39,923	3/4	52,832	3/4	65,761	3/4	78,684	3/4	91,625	3/4	104,561	3/4	117,500
1	1,646	1	14,555	1	27,498	1	40,188	1	53,101	1	66,030	1	78,954	1	91,894	1	104,830	1	117,769
1/4	1,910	1/4	14,824	1/4	27,768	1/4	40,452	1/4	53,371	1/4	66,299	1/4	79,223	1/4	92,164	1/4	105,100	1/4	118,039
1/2	2,175	1/2	15,094	1/2	28,038	1/2	40,716	1/2	53,640	1/2	66,568	1/2	79,483	1/2	92,433	1/2	105,369	1/2	118,309
3/4	2,440	3/4	15,364	3/4	28,307	3/4	40,980	3/4	53,910	3/4	66,837	3/4	79,752	3/4	92,703	3/4	105,639	3/4	118,578
1	2,704	1	15,633	1	28,577	1	41,245	1	54,179	1	67,106	1	80,032	1	92,973	1	105,908	1	118,848
1/4	2,971	1/4	15,903	1/4	28,847	1/4	41,514	1/4	54,449	1/4	67,375	1/4	80,302	1/4	93,242	1/4	106,177	1/4	119,117
1/2	3,238	1/2	16,173	1/2	29,116	1/2	41,784	1/2	54,718	1/2	67,644	1/2	80,571	1/2	93,512	1/2	106,447	1/2	119,387
3/4	3,505	3/4	16,442	3/4	29,386	3/4	42,053	3/4	54,987	3/4	67,913	3/4	80,841	3/4	93,781	3/4	106,716	3/4	119,657
1	3,772	1	16,712	1	29,655	1	42,323	1	55,257	1	68,182	1	81,110	1	94,051	1	106,986	1	119,926
1/4	4,041	1/4	16,982	1/4	29,925	1/4	42,592	1/4	55,526	1/4	68,451	1/4	81,380	1/4	94,321	1/4	107,255	1/4	120,196
1/2	4,309	1/2	17,251	1/2	30,195	1/2	42,861	1/2	55,796	1/2	68,720	1/2	81,650	1/2	94,590	1/2	107,525	1/2	120,465
3/4	4,577	3/4	17,521	3/4	30,465	3/4	43,131	3/4	56,065	3/4	68,989	3/4	81,919	3/4	94,860	3/4	107,794	3/4	120,735
1	4,846	1	17,791	1	30,734	1	43,400	1	56,335	1	69,258	1	82,189	1	95,129	1	108,064	1	121,005
1/4	5,115	1/4	18,060	1/4	30,997	1/4	43,670	1/4	56,607	1/4	69,527	1/4	82,458	1/4	95,399	1/4	108,334	1/4	121,274
1/2	5,385	1/2	18,330	1/2	31,269	1/2	43,939	1/2	56,874	1/2	69,796	1/2	82,728	1/2	95,669	1/2	108,603	1/2	121,544
3/4	5,654	3/4	18,600	3/4	31,541	3/4	44,209	3/4	57,143	3/4	70,065	3/4	82,998	3/4	95,938	3/4	108,873	3/4	121,813
1	5,923	1	18,869	1	31,814	1	44,478	1	57,413	1	70,334	1	83,267	1	96,208	1	109,142	1	122,083
1/4	6,193	1/4	19,139	1/4	32,046	1/4	44,748	1/4	57,682	1/4	70,603	1/4	83,537	1/4	96,477	1/4	109,412	1/4	122,352
1/2	6,463	1/2	19,409	1/2	32,309	1/2	45,017	1/2	57,952	1/2	70,872	1/2	83,806	1/2	96,747	1/2	109,681	1/2	122,622
3/4	6,732	3/4	19,678	3/4	32,571	3/4	45,287	3/4	58,221	3/4	71,141	3/4	84,076	3/4	97,017	3/4	109,951	3/4	122,892
1	7,002	1	19,948	1	32,833	1	45,556	1	58,491	1	71,410	1	84,345	1	97,286	1	110,221	1	123,161
1/4	7,272	1/4	20,218	1/4	33,096	1/4	45,826	1/4	58,760	1/4	71,679	1/4	84,615	1/4	97,556	1/4	110,490	1/4	123,431
1/2	7,541	1/2	20,487	1/2	33,358	1/2	46,095	1/2	59,029	1/2	71,948	1/2	84,885	1/2	97,825	1/2	110,760	1/2	123,700
3/4	7,811	3/4	20,757	3/4	33,620	3/4	46,365	3/4	59,299	3/4	72,217	3/4	85,154	3/4	98,095	3/4	111,029	3/4	123,970
1	8,081	1	21,027	1	33,883	1	46,634	1	59,568	1	72,486	1	85,424	1	98,365	1	111,299	1	124,240
1/4	8,351	1/4	21,296	1/4	34,145	1/4	46,903	1/4	59,838	1/4	72,755	1/4	85,694	1/4	98,634	1/4	111,569	1/4	124,510
1/2	8,621	1/2	21,566	1/2	34,408	1/2	47,173	1/2	60,107	1/2	73,024	1/2	85,963	1/2	98,903	1/2	111,838	1/2	124,781
3/4	8,891	3/4	21,835	3/4	34,670	3/4	47,442	3/4	60,377	3/4	73,293	3/4	86,233	3/4	99,173	3/4	112,108	3/4	125,051
1	9,160	1	22,105	1	34,932	1	47,712	1	60,646	1	73,562	1	86,502	1	99,442	1	112,377	1	125,321
1/4	9,430	1/4	22,375	1/4	35,196	1/4	47,981	1/4	60,916	1/4	73,831	1/4	86,772	1/4	99,712	1/4	112,647	1/4	125,591
1/2	9,700	1/2	22,644	1/2	35,457	1/2	48,251	1/2	61,185	1/2	74,101	1/2	87,042	1/2	99,981	1/2	112,917	1/2	125,861
3/4	9,970	3/4	22,914	3/4	35,720	3/4	48,520	3/4	61,455	3/4	74,371	3/4	87,311	3/4	100,250	3/4	113,186	3/4	126,131
1	10,240	1	23,184	1	35,982	1	48,790	1	61,724	1	74,640	1	87,581	1	100,520	1	113,456	1	126,401
1/4	10,510	1/4	23,453	1/4	36,244	1/4	49,059	1/4	61,994	1/4	74,910	1/4	87,850	1/4	100,789	1/4	113,725	1/4	126,671
1/2	10,779	1/2	23,723	1/2	36,507	1/2	49,329	1/2	62,263	1/2	75,179	1/2	88,120	1/2	101,059	1/2	113,995	1/2	126,941
3/4	11,049	3/4	23,993	3/4	36,769	3/4	49,598	3/4	62,533	3/4	75,449	3/4	88,390	3/4	101,328	3/4	114,265	3/4	127,211

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 EXTERIOR HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2052  
 Pearland, Texas 77589  
<http://www.pma.com.net>



# BARGE "1B 1911"

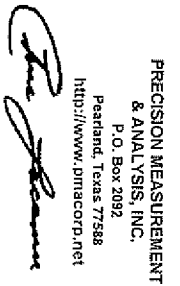
## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		GAUGE HEIGHT 15'-03 1/4"		
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	19 FT.
0	126,328	0	134,700	0	143,072	0	151,445	0	159,817	0	168,190	0	176,562	0	184,935	0	193,307	0
1/4	126,502	1/4	134,875	1/4	143,247	1/4	151,619	1/4	159,991	1/4	168,363	1/4	176,735	1/4	185,107	1/4	193,479	1/4
1/2	126,677	1/2	135,049	1/2	143,421	1/2	151,794	1/2	160,166	1/2	168,538	1/2	176,910	1/2	185,282	1/2	193,654	1/2
3/4	126,851	3/4	135,224	3/4	143,596	3/4	151,968	3/4	160,340	3/4	168,712	3/4	177,084	3/4	185,456	3/4	193,828	3/4
1	127,026	1	135,398	1	143,770	1	152,142	1	160,514	1	168,886	1	177,258	1	185,630	1	194,002	1
1/4	127,200	1/4	135,572	1/4	143,945	1/4	152,317	1/4	160,688	1/4	169,060	1/4	177,432	1/4	185,804	1/4	194,176	1/4
1/2	127,375	1/2	135,747	1/2	144,119	1/2	152,491	1/2	160,862	1/2	169,234	1/2	177,606	1/2	185,978	1/2	194,350	1/2
3/4	127,549	3/4	135,921	3/4	144,293	3/4	152,666	3/4	161,034	3/4	169,406	3/4	177,778	3/4	186,150	3/4	194,524	3/4
2	127,723	2	136,096	2	144,468	2	152,840	2	161,206	2	169,578	2	177,950	2	186,322	2	194,698	2
1/4	127,898	1/4	136,270	1/4	144,642	1/4	153,015	1/4	161,380	1/4	169,748	1/4	178,110	1/4	186,472	1/4	194,872	1/4
1/2	128,072	1/2	136,444	1/2	144,817	1/2	153,189	1/2	161,553	1/2	169,916	1/2	178,278	1/2	186,640	1/2	195,046	1/2
3/4	128,247	3/4	136,619	3/4	144,991	3/4	153,363	3/4	161,727	3/4	170,089	3/4	178,451	3/4	186,814	3/4	195,220	3/4
3	128,421	3	136,793	3	145,166	3	153,538	3	161,900	3	170,262	3	178,624	3	186,986	3	195,394	3
1/4	128,596	1/4	136,968	1/4	145,340	1/4	153,712	1/4	162,074	1/4	170,436	1/4	178,798	1/4	187,160	1/4	195,568	1/4
1/2	128,770	1/2	137,142	1/2	145,514	1/2	153,887	1/2	162,248	1/2	170,610	1/2	178,972	1/2	187,334	1/2	195,742	1/2
3/4	128,944	3/4	137,317	3/4	145,689	3/4	154,061	3/4	162,420	3/4	170,782	3/4	179,144	3/4	187,506	3/4	195,916	3/4
4	129,119	4	137,491	4	145,863	4	154,235	4	162,594	4	170,956	4	179,318	4	187,680	4	196,090	4
1/4	129,293	1/4	137,665	1/4	146,038	1/4	154,410	1/4	162,768	1/4	171,130	1/4	179,492	1/4	187,854	1/4	196,264	1/4
1/2	129,468	1/2	137,840	1/2	146,212	1/2	154,584	1/2	162,940	1/2	171,304	1/2	179,666	1/2	188,028	1/2	196,438	1/2
3/4	129,642	3/4	138,014	3/4	146,387	3/4	154,759	3/4	163,114	3/4	171,478	3/4	179,840	3/4	188,202	3/4	196,612	3/4
5	129,816	5	138,189	5	146,561	5	154,933	5	163,288	5	171,650	5	180,012	5	188,374	5	196,786	5
1/4	129,991	1/4	138,363	1/4	146,735	1/4	155,108	1/4	163,462	1/4	171,824	1/4	180,186	1/4	188,548	1/4	196,960	1/4
1/2	130,165	1/2	138,538	1/2	146,910	1/2	155,282	1/2	163,636	1/2	172,000	1/2	180,362	1/2	188,724	1/2	197,134	1/2
3/4	130,340	3/4	138,712	3/4	147,084	3/4	155,456	3/4	163,810	3/4	172,174	3/4	180,538	3/4	188,900	3/4	197,308	3/4
6	130,514	6	138,886	6	147,259	6	155,631	6	163,984	6	172,348	6	180,712	6	189,074	6	197,482	6
1/4	130,689	1/4	139,061	1/4	147,433	1/4	155,805	1/4	164,158	1/4	172,522	1/4	180,890	1/4	189,252	1/4	197,656	1/4
1/2	130,863	1/2	139,235	1/2	147,607	1/2	155,980	1/2	164,332	1/2	172,696	1/2	181,068	1/2	189,430	1/2	197,830	1/2
3/4	131,037	3/4	139,410	3/4	147,782	3/4	156,154	3/4	164,506	3/4	172,870	3/4	181,242	3/4	189,604	3/4	198,004	3/4
7	131,212	7	139,584	7	147,956	7	156,329	7	164,680	7	173,044	7	181,416	7	189,778	7	198,178	7
1/4	131,386	1/4	139,758	1/4	148,131	1/4	156,503	1/4	164,854	1/4	173,218	1/4	181,594	1/4	189,956	1/4	198,350	1/4
1/2	131,561	1/2	139,933	1/2	148,305	1/2	156,677	1/2	165,028	1/2	173,392	1/2	181,766	1/2	190,128	1/2	198,524	1/2
3/4	131,735	3/4	140,107	3/4	148,480	3/4	156,852	3/4	165,202	3/4	173,566	3/4	181,940	3/4	190,302	3/4	198,698	3/4
8	131,910	8	140,282	8	148,654	8	157,026	8	165,376	8	173,740	8	182,104	8	190,476	8	198,872	8
1/4	132,084	1/4	140,456	1/4	148,828	1/4	157,201	1/4	165,550	1/4	173,914	1/4	182,278	1/4	190,650	1/4	199,046	1/4
1/2	132,258	1/2	140,631	1/2	149,003	1/2	157,375	1/2	165,724	1/2	174,088	1/2	182,452	1/2	190,824	1/2	199,220	1/2
3/4	132,433	3/4	140,805	3/4	149,177	3/4	157,549	3/4	165,898	3/4	174,262	3/4	182,626	3/4	191,000	3/4	199,394	3/4
9	132,607	9	140,979	9	149,352	9	157,724	9	166,072	9	174,436	9	182,790	9	191,174	9	199,568	9
1/4	132,782	1/4	141,154	1/4	149,526	1/4	157,898	1/4	166,246	1/4	174,610	1/4	182,974	1/4	191,348	1/4	199,742	1/4
1/2	132,956	1/2	141,328	1/2	149,701	1/2	158,073	1/2	166,419	1/2	174,783	1/2	183,147	1/2	191,522	1/2	199,916	1/2
3/4	133,130	3/4	141,503	3/4	149,875	3/4	158,247	3/4	166,589	3/4	174,956	3/4	183,316	3/4	191,696	3/4	200,090	3/4
10	133,305	10	141,677	10	150,049	10	158,422	10	166,760	10	175,124	10	183,490	10	191,870	10	200,264	10
1/4	133,479	1/4	141,852	1/4	150,224	1/4	158,596	1/4	166,934	1/4	175,298	1/4	183,662	1/4	192,044	1/4	200,438	1/4
1/2	133,654	1/2	142,026	1/2	150,398	1/2	158,770	1/2	167,106	1/2	175,472	1/2	183,836	1/2	192,218	1/2	200,612	1/2
3/4	133,828	3/4	142,200	3/4	150,573	3/4	158,944	3/4	167,278	3/4	175,646	3/4	184,004	3/4	192,392	3/4	200,786	3/4
11	134,003	11	142,375	11	150,747	11	159,118	11	167,450	11	175,814	11	184,182	11	192,566	11	200,960	11
1/4	134,177	1/4	142,549	1/4	150,921	1/4	159,291	1/4	167,624	1/4	176,000	1/4	184,372	1/4	192,740	1/4	201,134	1/4
1/2	134,351	1/2	142,724	1/2	151,096	1/2	159,465	1/2	167,798	1/2	176,174	1/2	184,546	1/2	192,914	1/2	201,308	1/2
3/4	134,526	3/4	142,898	3/4	151,270	3/4	159,638	3/4	167,972	3/4	176,350	3/4	184,720	3/4	193,088	3/4	201,482	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2019 JS  
 CALCULATED: 06/07/2019 CL  
 PRINTED: 06/08/2019 CL  
 CANCEL S AND SUPERCEDES  
 ALL PRIOR TO 06/20/19

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "IB 1911"

## 2 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	1/4	10,850	0	23,272	0	35,524	0	47,834	0	60,257	0	72,680	0	85,102	0	97,525	0	109,948
1/4	69	1/4	11,109	1/4	23,531	1/4	35,776	1/4	48,093	1/4	60,516	1/4	72,938	1/4	85,361	1/4	97,784	1/4	110,206
1/2	113	1/2	11,367	1/2	23,790	1/2	36,028	1/2	48,352	1/2	60,775	1/2	73,197	1/2	85,620	1/2	98,043	1/2	110,465
3/4	156	3/4	11,626	3/4	24,048	3/4	36,280	3/4	48,611	3/4	61,033	3/4	73,456	3/4	85,879	3/4	98,301	3/4	110,724
1	199	1	11,885	1	24,307	1	36,531	1	48,870	1	61,292	1	73,715	1	86,138	1	98,560	1	110,983
1 1/4	328	1 1/4	12,144	1 1/4	24,566	1 1/4	36,783	1 1/4	49,128	1 1/4	61,551	1 1/4	73,974	1 1/4	86,396	1 1/4	98,819	1 1/4	111,242
1 1/2	458	1 1/2	12,402	1 1/2	24,825	1 1/2	37,035	1 1/2	49,387	1 1/2	61,810	1 1/2	74,232	1 1/2	86,655	1 1/2	99,078	1 1/2	111,500
3/4	587	3/4	12,661	3/4	25,083	3/4	37,287	3/4	49,646	3/4	62,069	3/4	74,481	3/4	86,914	3/4	99,337	3/4	111,759
2	716	2	12,920	2	25,342	2	37,538	2	49,905	2	62,327	2	74,750	2	87,173	2	99,595	2	112,018
1 1/4	932	1 1/4	13,179	1 1/4	25,601	1 1/4	37,790	1 1/4	50,164	1 1/4	62,586	1 1/4	75,009	1 1/4	87,432	1 1/4	99,854	1 1/4	112,277
1 1/2	1,147	1 1/2	13,438	1 1/2	25,860	1 1/2	38,042	1 1/2	50,422	1 1/2	62,845	1 1/2	75,268	1 1/2	87,690	1 1/2	100,113	1 1/2	112,536
3/4	1,362	3/4	13,696	3/4	26,119	3/4	38,294	3/4	50,681	3/4	63,104	3/4	75,527	3/4	87,949	3/4	100,372	3/4	112,794
3	1,578	3	13,955	3	26,377	3	38,545	3	50,940	3	63,363	3	75,785	3	88,208	3	100,631	3	113,053
1 1/4	1,831	1 1/4	14,214	1 1/4	26,636	1 1/4	38,797	1 1/4	51,199	1 1/4	63,621	1 1/4	76,044	1 1/4	88,467	1 1/4	100,889	1 1/4	113,312
1 1/2	2,084	1 1/2	14,473	1 1/2	26,895	1 1/2	39,049	1 1/2	51,458	1 1/2	63,880	1 1/2	76,303	1 1/2	88,726	1 1/2	101,148	1 1/2	113,571
3/4	2,338	3/4	14,732	3/4	27,154	3/4	39,301	3/4	51,716	3/4	64,139	3/4	76,562	3/4	88,984	3/4	101,407	3/4	113,830
4	2,591	4	14,990	4	27,413	4	39,553	4	51,975	4	64,398	4	76,821	4	89,243	4	101,666	4	114,088
1 1/4	2,847	1 1/4	15,249	1 1/4	27,671	1 1/4	39,811	1 1/4	52,234	1 1/4	64,657	1 1/4	77,079	1 1/4	89,502	1 1/4	101,925	1 1/4	114,347
1 1/2	3,103	1 1/2	15,508	1 1/2	27,930	1 1/2	40,070	1 1/2	52,493	1 1/2	64,916	1 1/2	77,338	1 1/2	89,761	1 1/2	102,183	1 1/2	114,606
3/4	3,359	3/4	15,767	3/4	28,189	3/4	40,329	3/4	52,752	3/4	65,174	3/4	77,597	3/4	90,020	3/4	102,442	3/4	114,865
5	3,615	5	16,026	5	28,448	5	40,588	5	53,010	5	65,432	5	77,856	5	90,278	5	102,701	5	115,124
1 1/4	3,872	1 1/4	16,284	1 1/4	28,707	1 1/4	40,847	1 1/4	53,269	1 1/4	65,693	1 1/4	78,115	1 1/4	90,537	1 1/4	102,960	1 1/4	115,382
1 1/2	4,129	1 1/2	16,543	1 1/2	28,965	1 1/2	41,105	1 1/2	53,528	1 1/2	65,951	1 1/2	78,373	1 1/2	90,796	1 1/2	103,219	1 1/2	115,641
3/4	4,386	3/4	16,802	3/4	29,224	3/4	41,364	3/4	53,787	3/4	66,210	3/4	78,632	3/4	91,055	3/4	103,477	3/4	115,900
6	4,643	6	17,061	6	29,483	6	41,623	6	54,046	6	66,468	6	78,891	6	91,314	6	103,736	6	116,159
1 1/4	4,901	1 1/4	17,320	1 1/4	29,742	1 1/4	41,882	1 1/4	54,305	1 1/4	66,727	1 1/4	79,150	1 1/4	91,572	1 1/4	103,995	1 1/4	116,418
1 1/2	5,159	1 1/2	17,578	1 1/2	29,999	1 1/2	42,141	1 1/2	54,563	1 1/2	66,986	1 1/2	79,409	1 1/2	91,831	1 1/2	104,254	1 1/2	116,677
3/4	5,417	3/4	17,837	3/4	30,258	3/4	42,399	3/4	54,822	3/4	67,245	3/4	79,667	3/4	92,090	3/4	104,513	3/4	116,935
7	5,675	7	18,096	7	30,480	7	42,658	7	55,081	7	67,504	7	79,926	7	92,349	7	104,771	7	117,194
1 1/4	5,934	1 1/4	18,355	1 1/4	30,742	1 1/4	42,917	1 1/4	55,340	1 1/4	67,762	1 1/4	80,185	1 1/4	92,608	1 1/4	105,030	1 1/4	117,453
1 1/2	6,192	1 1/2	18,614	1 1/2	30,993	1 1/2	43,176	1 1/2	55,599	1 1/2	68,021	1 1/2	80,444	1 1/2	92,866	1 1/2	105,289	1 1/2	117,712
3/4	6,451	3/4	18,872	3/4	31,245	3/4	43,435	3/4	55,857	3/4	68,280	3/4	80,703	3/4	93,125	3/4	105,548	3/4	117,971
8	6,709	8	19,131	8	31,497	8	43,694	8	56,116	8	68,539	8	80,961	8	93,384	8	105,807	8	118,229
1 1/4	6,968	1 1/4	19,390	1 1/4	31,749	1 1/4	43,952	1 1/4	56,375	1 1/4	68,798	1 1/4	81,220	1 1/4	93,643	1 1/4	106,066	1 1/4	118,488
1 1/2	7,227	1 1/2	19,649	1 1/2	32,000	1 1/2	44,211	1 1/2	56,634	1 1/2	69,056	1 1/2	81,479	1 1/2	93,902	1 1/2	106,324	1 1/2	118,747
3/4	7,485	3/4	19,908	3/4	32,252	3/4	44,470	3/4	56,893	3/4	69,315	3/4	81,738	3/4	94,160	3/4	106,583	3/4	119,006
9	7,744	9	20,166	9	32,504	9	44,729	9	57,151	9	69,574	9	81,997	9	94,419	9	106,842	9	119,265
1 1/4	8,003	1 1/4	20,425	1 1/4	32,755	1 1/4	44,988	1 1/4	57,410	1 1/4	69,833	1 1/4	82,256	1 1/4	94,678	1 1/4	107,101	1 1/4	119,523
1 1/2	8,262	1 1/2	20,684	1 1/2	33,007	1 1/2	45,246	1 1/2	57,669	1 1/2	70,092	1 1/2	82,514	1 1/2	94,937	1 1/2	107,360	1 1/2	119,782
3/4	8,521	3/4	20,943	3/4	33,259	3/4	45,505	3/4	57,928	3/4	70,350	3/4	82,772	3/4	95,196	3/4	107,618	3/4	120,041
10	8,779	10	21,202	10	33,511	10	45,764	10	58,187	10	70,609	10	83,032	10	95,455	10	107,877	10	120,300
1 1/4	9,038	1 1/4	21,460	1 1/4	33,762	1 1/4	46,023	1 1/4	58,445	1 1/4	70,868	1 1/4	83,291	1 1/4	95,713	1 1/4	108,136	1 1/4	120,559
1 1/2	9,297	1 1/2	21,719	1 1/2	34,014	1 1/2	46,282	1 1/2	58,704	1 1/2	71,127	1 1/2	83,549	1 1/2	95,972	1 1/2	108,395	1 1/2	120,817
3/4	9,556	3/4	21,978	3/4	34,266	3/4	46,540	3/4	58,963	3/4	71,386	3/4	83,808	3/4	96,231	3/4	108,654	3/4	121,076
11	9,815	11	22,237	11	34,518	11	46,799	11	59,222	11	71,644	11	84,067	11	96,490	11	108,912	11	121,335
1 1/4	10,073	1 1/4	22,496	1 1/4	34,769	1 1/4	47,058	1 1/4	59,481	1 1/4	71,903	1 1/4	84,326	1 1/4	96,749	1 1/4	109,171	1 1/4	121,594
1 1/2	10,332	1 1/2	22,754	1 1/2	35,021	1 1/2	47,317	1 1/2	59,739	1 1/2	72,162	1 1/2	84,585	1 1/2	97,007	1 1/2	109,430	1 1/2	121,853
3/4	10,591	3/4	23,013	3/4	35,273	3/4	47,576	3/4	59,998	3/4	72,421	3/4	84,844	3/4	97,266	3/4	109,689	3/4	122,111

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "B 1911"

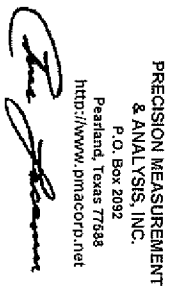
## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS				GAUGE HEIGHT 15'-02 3/4"						
IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	122,370	0	134,793	0	147,215	0	159,638	0	172,055	0
1/4	122,629	1/4	135,052	1/4	147,474	1/4	159,897	1/4	172,302	1/4
1/2	122,888	1/2	135,310	1/2	147,733	1/2	160,156	1/2	172,548	1/2
3/4	123,147	3/4	135,569	3/4	147,992	3/4	160,415	3/4	172,795	3/4
1	123,405	1	135,828	1	148,251	1	160,673	1	173,041	1
1/4	123,664	1/4	136,087	1/4	148,510	1/4	160,932	1/4	173,214	1/4
1/2	123,923	1/2	136,346	1/2	148,768	1/2	161,191	1/2	173,387	1/2
3/4	124,182	3/4	136,604	3/4	149,027	3/4	161,450	3/4	173,559	3/4
2	124,441	2	136,863	2	149,286	2	161,709	2	173,732	2
1/4	124,699	1/4	137,122	1/4	149,545	1/4	161,967	1/4	173,904	1/4
1/2	124,958	1/2	137,381	1/2	149,804	1/2	162,226	1/2	173,904	1/2
3/4	125,217	3/4	137,640	3/4	150,062	3/4	162,485	3/4	173,990	3/4
3	125,476	3	137,899	3	150,321	3	162,744	3	174,077	3
1/4	125,735	1/4	138,157	1/4	150,580	1/4	163,003	1/4	174,098	1/4
1/2	125,993	1/2	138,416	1/2	150,839	1/2	163,261	1/2	174,120	1/2
3/4	126,252	3/4	138,675	3/4	151,098	3/4	163,520	3/4	174,120	3/4
4	126,511	4	138,934	4	151,356	4	163,779	4	174,120	4
1/4	126,770	1/4	139,193	1/4	151,615	1/4	164,038	1/4	174,120	1/4
1/2	127,029	1/2	139,451	1/2	151,874	1/2	164,297	1/2	174,120	1/2
3/4	127,288	3/4	139,710	3/4	152,133	3/4	164,555	3/4	174,120	3/4
5	127,546	5	139,969	5	152,392	5	164,814	5	174,120	5
1/4	127,805	1/4	140,228	1/4	152,650	1/4	165,073	1/4	174,120	1/4
1/2	128,064	1/2	140,487	1/2	152,909	1/2	165,332	1/2	174,120	1/2
3/4	128,323	3/4	140,745	3/4	153,168	3/4	165,591	3/4	174,120	3/4
6	128,582	6	141,004	6	153,427	6	165,849	6	174,120	6
1/4	128,840	1/4	141,263	1/4	153,686	1/4	166,108	1/4	174,120	1/4
1/2	129,099	1/2	141,522	1/2	153,944	1/2	166,367	1/2	174,120	1/2
3/4	129,358	3/4	141,781	3/4	154,203	3/4	166,626	3/4	174,120	3/4
7	129,617	7	142,039	7	154,462	7	166,885	7	174,120	7
1/4	129,876	1/4	142,298	1/4	154,721	1/4	167,143	1/4	174,120	1/4
1/2	130,134	1/2	142,557	1/2	154,980	1/2	167,402	1/2	174,120	1/2
3/4	130,393	3/4	142,816	3/4	155,238	3/4	167,661	3/4	174,120	3/4
8	130,652	8	143,075	8	155,497	8	167,920	8	174,120	8
1/4	130,911	1/4	143,333	1/4	155,756	1/4	168,179	1/4	174,120	1/4
1/2	131,170	1/2	143,592	1/2	156,015	1/2	168,437	1/2	174,120	1/2
3/4	131,428	3/4	143,851	3/4	156,274	3/4	168,696	3/4	174,120	3/4
9	131,687	9	144,110	9	156,532	9	168,955	9	174,120	9
1/4	131,946	1/4	144,369	1/4	156,791	1/4	169,214	1/4	174,120	1/4
1/2	132,205	1/2	144,627	1/2	157,050	1/2	169,473	1/2	174,120	1/2
3/4	132,464	3/4	144,886	3/4	157,309	3/4	169,732	3/4	174,120	3/4
10	132,722	10	145,145	10	157,568	10	169,990	10	174,120	10
1/4	132,981	1/4	145,404	1/4	157,826	1/4	170,249	1/4	174,120	1/4
1/2	133,240	1/2	145,663	1/2	158,085	1/2	170,507	1/2	174,120	1/2
3/4	133,499	3/4	145,921	3/4	158,344	3/4	170,766	3/4	174,120	3/4
11	133,758	11	146,180	11	158,603	11	171,025	11	174,120	11
1/4	134,016	1/4	146,439	1/4	158,862	1/4	171,282	1/4	174,120	1/4
1/2	134,275	1/2	146,698	1/2	159,121	1/2	171,540	1/2	174,120	1/2
3/4	134,534	3/4	146,957	3/4	159,379	3/4	171,797	3/4	174,120	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2019 JS  
 CALCULATED: 06/07/2019 CL  
 PRINTED: 06/08/2019 CL  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 06/20/19

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





# BARGE "IB 1911"

## 3 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	10,774	0	23,110	0	38,435	0	47,785	0	60,101	0	72,437	0	84,773	0	97,110	0	109,446				
1/4	69	1/4	11,031	1/4	23,387	1/4	38,692	1/4	48,022	1/4	60,358	1/4	72,694	1/4	85,030	1/4	97,367	1/4	109,703				
1/2	112	1/2	11,288	1/2	23,624	1/2	38,948	1/2	48,273	1/2	60,615	1/2	72,951	1/2	85,287	1/2	97,624	1/2	109,960				
3/4	155	3/4	11,545	3/4	23,881	3/4	39,205	3/4	48,536	3/4	60,872	3/4	73,208	3/4	85,544	3/4	97,881	3/4	110,217				
1	198	1	11,802	1	24,138	1	39,461	1	48,793	1	61,129	1	73,465	1	85,801	1	98,138	1	110,474				
1 1/4	326	1 1/4	12,059	1 1/4	24,395	1 1/4	39,718	1 1/4	49,050	1 1/4	61,386	1 1/4	73,722	1 1/4	86,058	1 1/4	98,395	1 1/4	110,731				
1 1/2	455	1 1/2	12,316	1 1/2	24,652	1 1/2	39,975	1 1/2	49,307	1 1/2	61,643	1 1/2	74,007	1 1/2	86,315	1 1/2	98,652	1 1/2	110,988				
2	583	2	12,573	2	24,909	2	40,231	2	49,564	2	61,900	2	74,236	2	86,572	2	98,909	2	111,245				
2 1/4	712	2 1/4	12,830	2 1/4	25,166	2 1/4	40,488	2 1/4	49,821	2 1/4	62,157	2 1/4	74,493	2 1/4	86,829	2 1/4	99,166	2 1/4	111,502				
2 1/2	925	2 1/2	13,087	2 1/2	25,423	2 1/2	40,744	2 1/2	50,078	2 1/2	62,414	2 1/2	74,750	2 1/2	87,086	2 1/2	99,423	2 1/2	111,759				
3	1,139	3	13,344	3	25,680	3	41,001	3	50,335	3	62,671	3	75,007	3	87,343	3	99,680	3	112,016				
3 1/4	1,353	3 1/4	13,601	3 1/4	25,937	3 1/4	41,258	3 1/4	50,592	3 1/4	62,928	3 1/4	75,264	3 1/4	87,600	3 1/4	99,937	3 1/4	112,273				
3 1/2	1,567	3 1/2	13,858	3 1/2	26,194	3 1/2	41,514	3 1/2	50,849	3 1/2	63,185	3 1/2	75,521	3 1/2	87,857	3 1/2	100,194	3 1/2	112,530				
4	1,818	4	14,115	4	26,451	4	41,771	4	51,106	4	63,442	4	75,778	4	88,114	4	100,451	4	112,787				
4 1/4	2,070	4 1/4	14,372	4 1/4	26,708	4 1/4	42,027	4 1/4	51,363	4 1/4	63,699	4 1/4	76,035	4 1/4	88,371	4 1/4	100,708	4 1/4	113,044				
4 1/2	2,322	4 1/2	14,629	4 1/2	26,965	4 1/2	42,284	4 1/2	51,620	4 1/2	63,956	4 1/2	76,292	4 1/2	88,628	4 1/2	100,965	4 1/2	113,301				
4 3/4	2,573	4 3/4	14,886	4 3/4	27,222	4 3/4	42,541	4 3/4	51,877	4 3/4	64,213	4 3/4	76,549	4 3/4	88,885	4 3/4	101,222	4 3/4	113,558				
5	2,827	5	15,143	5	27,479	5	42,798	5	52,134	5	64,470	5	76,806	5	89,142	5	101,479	5	113,815				
5 1/4	3,081	5 1/4	15,400	5 1/4	27,736	5 1/4	43,055	5 1/4	52,391	5 1/4	64,727	5 1/4	77,063	5 1/4	89,399	5 1/4	101,736	5 1/4	114,072				
5 1/2	3,335	5 1/2	15,657	5 1/2	27,993	5 1/2	43,312	5 1/2	52,648	5 1/2	64,984	5 1/2	77,320	5 1/2	89,656	5 1/2	101,993	5 1/2	114,329				
5 3/4	3,590	5 3/4	15,914	5 3/4	28,250	5 3/4	43,569	5 3/4	52,905	5 3/4	65,241	5 3/4	77,577	5 3/4	89,913	5 3/4	102,250	5 3/4	114,586				
6	3,845	6	16,171	6	28,507	6	43,826	6	53,162	6	65,498	6	77,834	6	90,170	6	102,507	6	114,843				
6 1/4	4,100	6 1/4	16,428	6 1/4	28,764	6 1/4	44,083	6 1/4	53,419	6 1/4	65,755	6 1/4	78,091	6 1/4	90,427	6 1/4	102,764	6 1/4	115,100				
6 1/2	4,356	6 1/2	16,685	6 1/2	29,021	6 1/2	44,340	6 1/2	53,676	6 1/2	66,012	6 1/2	78,348	6 1/2	90,684	6 1/2	103,021	6 1/2	115,357				
6 3/4	4,611	6 3/4	16,942	6 3/4	29,278	6 3/4	44,597	6 3/4	53,933	6 3/4	66,269	6 3/4	78,605	6 3/4	90,941	6 3/4	103,278	6 3/4	115,614				
7	4,867	7	17,199	7	29,535	7	44,854	7	54,190	7	66,526	7	78,862	7	91,198	7	103,535	7	115,871				
7 1/4	5,123	7 1/4	17,456	7 1/4	29,791	7 1/4	45,111	7 1/4	54,447	7 1/4	66,783	7 1/4	79,119	7 1/4	91,455	7 1/4	103,792	7 1/4	116,128				
7 1/2	5,380	7 1/2	17,713	7 1/2	30,048	7 1/2	45,368	7 1/2	54,704	7 1/2	67,040	7 1/2	79,376	7 1/2	91,712	7 1/2	104,049	7 1/2	116,385				
7 3/4	5,636	7 3/4	17,970	7 3/4	30,304	7 3/4	45,625	7 3/4	54,961	7 3/4	67,297	7 3/4	79,633	7 3/4	91,969	7 3/4	104,306	7 3/4	116,642				
8	5,893	8	18,227	8	30,561	8	45,882	8	55,218	8	67,554	8	79,890	8	92,226	8	104,563	8	116,899				
8 1/4	6,149	8 1/4	18,484	8 1/4	30,817	8 1/4	46,139	8 1/4	55,475	8 1/4	67,811	8 1/4	80,147	8 1/4	92,483	8 1/4	104,820	8 1/4	117,156				
8 1/2	6,406	8 1/2	18,741	8 1/2	31,074	8 1/2	46,396	8 1/2	55,732	8 1/2	68,068	8 1/2	80,404	8 1/2	92,740	8 1/2	105,077	8 1/2	117,413				
8 3/4	6,663	8 3/4	18,998	8 3/4	31,330	8 3/4	46,653	8 3/4	55,989	8 3/4	68,325	8 3/4	80,661	8 3/4	92,997	8 3/4	105,334	8 3/4	117,670				
9	6,920	9	19,255	9	31,587	9	46,910	9	56,246	9	68,582	9	80,918	9	93,254	9	105,591	9	117,927				
9 1/4	7,177	9 1/4	19,512	9 1/4	31,844	9 1/4	47,167	9 1/4	56,503	9 1/4	68,839	9 1/4	81,175	9 1/4	93,511	9 1/4	105,848	9 1/4	118,184				
9 1/2	7,434	9 1/2	19,769	9 1/2	32,100	9 1/2	47,424	9 1/2	56,760	9 1/2	69,096	9 1/2	81,432	9 1/2	93,768	9 1/2	106,105	9 1/2	118,441				
9 3/4	7,690	9 3/4	20,026	9 3/4	32,357	9 3/4	47,681	9 3/4	57,017	9 3/4	69,353	9 3/4	81,689	9 3/4	94,025	9 3/4	106,362	9 3/4	118,698				
10	7,947	10	20,283	10	32,613	10	47,938	10	57,274	10	69,610	10	81,946	10	94,282	10	106,619	10	118,955				
10 1/4	8,204	10 1/4	20,540	10 1/4	32,870	10 1/4	48,195	10 1/4	57,531	10 1/4	69,867	10 1/4	82,203	10 1/4	94,539	10 1/4	106,876	10 1/4	119,212				
10 1/2	8,461	10 1/2	20,797	10 1/2	33,126	10 1/2	48,452	10 1/2	57,788	10 1/2	70,124	10 1/2	82,460	10 1/2	94,796	10 1/2	107,133	10 1/2	119,469				
10 3/4	8,718	10 3/4	21,054	10 3/4	33,383	10 3/4	48,709	10 3/4	58,045	10 3/4	70,381	10 3/4	82,717	10 3/4	95,053	10 3/4	107,390	10 3/4	119,726				
11	8,975	11	21,311	11	33,639	11	48,966	11	58,302	11	70,638	11	82,974	11	95,310	11	107,647	11	119,983				
11 1/4	9,232	11 1/4	21,568	11 1/4	33,896	11 1/4	49,223	11 1/4	58,564	11 1/4	70,895	11 1/4	83,231	11 1/4	95,567	11 1/4	107,904	11 1/4	120,240				
11 1/2	9,489	11 1/2	21,825	11 1/2	34,153	11 1/2	49,480	11 1/2	58,816	11 1/2	71,152	11 1/2	83,488	11 1/2	95,824	11 1/2	108,161	11 1/2	120,497				
11 3/4	9,746	11 3/4	22,082	11 3/4	34,409	11 3/4	49,737	11 3/4	59,073	11 3/4	71,409	11 3/4	83,745	11 3/4	96,081	11 3/4	108,418	11 3/4	120,754				
12	10,003	12	22,339	12	34,666	12	49,991	12	59,330	12	71,666	12	84,002	12	96,338	12	108,675	12	121,011				
12 1/4	10,260	12 1/4	22,596	12 1/4	34,922	12 1/4	50,251	12 1/4	59,587	12 1/4	71,923	12 1/4	84,259	12 1/4	96,596	12 1/4	108,932	12 1/4	121,268				
12 1/2	10,517	12 1/2	22,853	12 1/2	35,179	12 1/2	50,508	12 1/2	59,844	12 1/2	72,180	12 1/2	84,516	12 1/2	96,853	12 1/2	109,189	12 1/2	121,525				

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  
http://www.pmatcorp.net

*[Signature]*



# BARGE "IB 1911"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	121,782	1/4	134,118	1/4	146,454	1/4	158,791	1/4	171,127	1/4	183,463	1/4	195,799	1/4	208,135	1/4	220,471	1/4	232,807
1/4	122,039	1/4	134,375	1/4	146,711	1/4	159,048	1/4	171,386	1/4	183,723	1/4	196,060	1/4	208,397	1/4	220,734	1/4	233,071
1/4	122,296	1/4	134,632	1/4	146,968	1/4	159,305	1/4	171,641	1/4	183,978	1/4	196,315	1/4	208,652	1/4	220,989	1/4	233,326
1/4	122,553	1/4	134,889	1/4	147,225	1/4	159,562	1/4	171,898	1/4	184,235	1/4	196,572	1/4	208,909	1/4	221,246	1/4	233,583
1/4	122,810	1/4	135,146	1/4	147,482	1/4	159,819	1/4	172,155	1/4	184,492	1/4	196,829	1/4	209,166	1/4	221,503	1/4	233,840
1/4	123,067	1/4	135,403	1/4	147,739	1/4	160,076	1/4	172,413	1/4	184,750	1/4	197,087	1/4	209,424	1/4	221,761	1/4	234,097
1/4	123,324	1/4	135,660	1/4	148,000	1/4	160,333	1/4	172,670	1/4	185,007	1/4	197,344	1/4	210,681	1/4	223,018	1/4	234,354
1/4	123,581	1/4	135,917	1/4	148,257	1/4	160,590	1/4	172,927	1/4	185,264	1/4	197,601	1/4	210,938	1/4	223,275	1/4	234,611
1/4	124,095	1/4	136,431	1/4	148,793	1/4	161,044	1/4	173,381	1/4	185,718	1/4	198,055	1/4	211,392	1/4	223,729	1/4	234,868
1/4	124,352	1/4	136,688	1/4	149,049	1/4	161,301	1/4	173,638	1/4	186,075	1/4	198,412	1/4	211,749	1/4	224,086	1/4	235,125
1/4	124,609	1/4	136,945	1/4	149,306	1/4	161,558	1/4	173,895	1/4	186,272	1/4	198,669	1/4	212,006	1/4	224,343	1/4	235,382
1/4	124,866	1/4	137,202	1/4	149,563	1/4	161,815	1/4	174,152	1/4	186,529	1/4	198,926	1/4	212,263	1/4	224,600	1/4	235,639
1/4	125,123	1/4	137,459	1/4	149,820	1/4	162,072	1/4	174,409	1/4	186,785	1/4	199,183	1/4	212,520	1/4	224,857	1/4	235,896
1/4	125,380	1/4	137,716	1/4	150,077	1/4	162,329	1/4	174,666	1/4	187,042	1/4	199,440	1/4	212,777	1/4	225,114	1/4	236,153
1/4	125,637	1/4	137,973	1/4	150,334	1/4	162,586	1/4	174,923	1/4	187,299	1/4	199,697	1/4	213,034	1/4	225,371	1/4	236,410
1/4	125,894	1/4	138,230	1/4	150,591	1/4	162,843	1/4	175,180	1/4	187,556	1/4	199,954	1/4	213,291	1/4	225,628	1/4	236,667
1/4	126,151	1/4	138,487	1/4	150,848	1/4	163,100	1/4	175,437	1/4	187,813	1/4	200,211	1/4	213,548	1/4	225,885	1/4	236,924
1/4	126,408	1/4	138,744	1/4	151,105	1/4	163,357	1/4	175,694	1/4	188,070	1/4	200,468	1/4	213,805	1/4	226,142	1/4	237,181
1/4	126,665	1/4	139,001	1/4	151,362	1/4	163,614	1/4	175,951	1/4	188,327	1/4	200,725	1/4	214,062	1/4	226,400	1/4	237,438
1/4	126,922	1/4	139,258	1/4	151,619	1/4	163,871	1/4	176,208	1/4	188,584	1/4	200,982	1/4	214,319	1/4	226,657	1/4	237,695
1/4	127,179	1/4	139,515	1/4	151,876	1/4	164,128	1/4	176,465	1/4	188,841	1/4	201,239	1/4	214,576	1/4	226,915	1/4	237,952
1/4	127,436	1/4	139,772	1/4	152,133	1/4	164,385	1/4	176,722	1/4	189,100	1/4	201,496	1/4	214,833	1/4	227,173	1/4	238,209
1/4	127,693	1/4	140,029	1/4	152,390	1/4	164,642	1/4	176,979	1/4	189,357	1/4	201,753	1/4	215,090	1/4	227,430	1/4	238,466
1/4	127,950	1/4	140,286	1/4	152,647	1/4	164,899	1/4	177,236	1/4	189,614	1/4	202,010	1/4	215,347	1/4	227,687	1/4	238,723
1/4	128,207	1/4	140,543	1/4	152,904	1/4	165,156	1/4	177,493	1/4	189,871	1/4	202,267	1/4	215,604	1/4	227,944	1/4	238,980
1/4	128,464	1/4	140,800	1/4	153,161	1/4	165,413	1/4	177,750	1/4	190,128	1/4	202,524	1/4	215,861	1/4	228,201	1/4	239,237
1/4	128,721	1/4	141,057	1/4	153,418	1/4	165,670	1/4	178,007	1/4	190,385	1/4	202,781	1/4	216,118	1/4	228,458	1/4	239,494
1/4	128,978	1/4	141,314	1/4	153,675	1/4	165,927	1/4	178,264	1/4	190,642	1/4	203,038	1/4	216,375	1/4	228,715	1/4	239,751
1/4	129,235	1/4	141,571	1/4	153,932	1/4	166,184	1/4	178,521	1/4	190,899	1/4	203,295	1/4	216,632	1/4	228,972	1/4	240,008
1/4	129,492	1/4	141,828	1/4	154,189	1/4	166,441	1/4	178,778	1/4	191,156	1/4	203,552	1/4	216,889	1/4	229,229	1/4	240,265
1/4	129,749	1/4	142,085	1/4	154,446	1/4	166,698	1/4	179,035	1/4	191,413	1/4	203,809	1/4	217,146	1/4	229,486	1/4	240,522
1/4	130,006	1/4	142,342	1/4	154,703	1/4	166,955	1/4	179,292	1/4	191,670	1/4	204,066	1/4	217,403	1/4	229,743	1/4	240,779
1/4	130,263	1/4	142,599	1/4	154,959	1/4	167,212	1/4	179,549	1/4	191,927	1/4	204,323	1/4	217,660	1/4	230,000	1/4	241,036
1/4	130,520	1/4	142,856	1/4	155,216	1/4	167,469	1/4	179,806	1/4	192,184	1/4	204,580	1/4	217,917	1/4	230,257	1/4	241,293
1/4	130,777	1/4	143,113	1/4	155,473	1/4	167,726	1/4	180,064	1/4	192,441	1/4	204,837	1/4	218,174	1/4	230,514	1/4	241,550
1/4	131,034	1/4	143,370	1/4	155,730	1/4	167,983	1/4	180,321	1/4	192,698	1/4	205,094	1/4	218,431	1/4	230,771	1/4	241,807
1/4	131,291	1/4	143,627	1/4	155,987	1/4	168,240	1/4	180,578	1/4	192,955	1/4	205,351	1/4	218,688	1/4	231,028	1/4	242,064
1/4	131,548	1/4	143,884	1/4	156,244	1/4	168,497	1/4	180,835	1/4	193,212	1/4	205,608	1/4	218,945	1/4	231,285	1/4	242,321
1/4	131,805	1/4	144,141	1/4	156,501	1/4	168,754	1/4	181,092	1/4	193,469	1/4	205,865	1/4	219,202	1/4	231,542	1/4	242,578
1/4	132,062	1/4	144,398	1/4	156,758	1/4	169,011	1/4	181,349	1/4	193,726	1/4	206,122	1/4	219,459	1/4	231,799	1/4	242,835
1/4	132,319	1/4	144,655	1/4	157,015	1/4	169,268	1/4	181,606	1/4	193,983	1/4	206,379	1/4	219,716	1/4	232,056	1/4	243,092
1/4	132,576	1/4	144,912	1/4	157,272	1/4	169,525	1/4	181,863	1/4	194,240	1/4	206,636	1/4	220,073	1/4	232,313	1/4	243,349
1/4	132,833	1/4	145,169	1/4	157,529	1/4	169,782	1/4	182,120	1/4	194,497	1/4	206,893	1/4	220,330	1/4	232,570	1/4	243,606
1/4	133,090	1/4	145,426	1/4	157,786	1/4	170,039	1/4	182,377	1/4	194,754	1/4	207,150	1/4	220,587	1/4	232,827	1/4	243,863
1/4	133,347	1/4	145,683	1/4	158,043	1/4	170,296	1/4	182,634	1/4	195,011	1/4	207,407	1/4	220,844	1/4	233,084	1/4	244,120
1/4	133,604	1/4	145,940	1/4	158,300	1/4	170,553	1/4	182,891	1/4	195,268	1/4	207,664	1/4	221,101	1/4	233,341	1/4	244,377
1/4	133,861	1/4	146,197	1/4	158,557	1/4	170,810	1/4	183,148	1/4	195,525	1/4	207,921	1/4	221,358	1/4	233,598	1/4	244,634

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/05/2019 JS  
 CALCULATED: 06/07/2019 CL  
 PRINTED: 06/08/2019 CL  
 CANCEL'S AND SUPERCEDES  
 ALL PRIOR TO 06/2019

PRECISION MEASUREMENT  
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