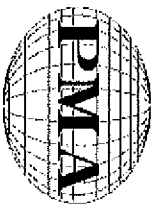


GAL



BARGE "IB 1909"

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	- 00-1/8	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 30, 2019

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

<http://www.pmacorp.net>



BARGE "IB 1909"

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	11,286	0	24,192	0	36,925	0	49,724	0	62,621	0	75,500	0	88,403	0	101,304	0	114,204
1/4	71	1/4	11,555	1/4	24,461	1/4	37,186	1/4	49,992	1/4	62,889	1/4	75,769	1/4	88,672	1/4	101,573	1/4	114,473
1/2	116	1/2	11,824	1/2	24,730	1/2	37,448	1/2	50,261	1/2	63,157	1/2	76,038	1/2	88,941	1/2	101,842	1/2	114,742
3/4	161	3/4	12,093	3/4	24,999	3/4	37,710	3/4	50,530	3/4	63,426	3/4	76,307	3/4	89,210	3/4	102,111	3/4	115,010
1	206	1	12,362	1	25,268	1	37,971	1	50,799	1	63,694	1	76,575	1	89,479	1	102,379	1	115,279
1/4	341	1/4	12,631	1/4	25,537	1/4	38,233	1/4	51,067	1/4	63,962	1/4	76,844	1/4	89,747	1/4	102,648	1/4	115,548
1/2	475	1/2	12,899	1/2	25,806	1/2	38,494	1/2	51,336	1/2	64,230	1/2	77,113	1/2	90,016	1/2	102,916	1/2	115,817
3/4	610	3/4	13,168	3/4	26,075	3/4	38,756	3/4	51,605	3/4	64,488	3/4	77,382	3/4	90,285	3/4	103,185	3/4	116,086
2	745	2	13,437	2	26,343	2	39,018	2	51,873	2	64,767	2	77,651	2	90,554	2	103,453	2	116,354
1/4	969	1/4	13,706	1/4	26,612	1/4	39,281	1/4	52,142	1/4	65,035	1/4	77,919	1/4	90,823	1/4	103,722	1/4	116,623
1/2	1,193	1/2	13,975	1/2	26,881	1/2	39,545	1/2	52,411	1/2	65,303	1/2	78,188	1/2	91,092	1/2	103,991	1/2	116,892
3/4	1,417	3/4	14,244	3/4	27,150	3/4	39,808	3/4	52,679	3/4	65,571	3/4	78,457	3/4	91,360	3/4	104,259	3/4	117,161
3	1,641	3	14,513	3	27,419	3	40,072	3	52,948	3	65,839	3	78,726	3	91,629	3	104,528	3	117,430
1/4	1,905	1/4	14,782	1/4	27,688	1/4	40,335	1/4	53,217	1/4	66,108	1/4	78,995	1/4	91,898	1/4	104,797	1/4	117,699
1/2	2,169	1/2	15,050	1/2	27,957	1/2	40,599	1/2	53,485	1/2	66,376	1/2	79,264	1/2	92,167	1/2	105,065	1/2	117,967
3/4	2,432	3/4	15,319	3/4	28,226	3/4	40,862	3/4	53,754	3/4	66,644	3/4	79,532	3/4	92,436	3/4	105,334	3/4	118,236
4	2,696	4	15,588	4	28,495	4	41,126	4	54,023	4	66,912	4	79,801	4	92,704	4	105,602	4	118,505
1/4	2,963	1/4	15,857	1/4	28,763	1/4	41,394	1/4	54,291	1/4	67,181	1/4	80,070	1/4	92,973	1/4	105,871	1/4	118,774
1/2	3,229	1/2	16,126	1/2	29,032	1/2	41,663	1/2	54,560	1/2	67,449	1/2	80,339	1/2	93,242	1/2	106,140	1/2	119,043
3/4	3,495	3/4	16,395	3/4	29,301	3/4	41,932	3/4	54,829	3/4	67,717	3/4	80,608	3/4	93,511	3/4	106,408	3/4	119,311
5	3,761	5	16,664	5	29,570	5	42,200	5	55,098	5	67,985	5	80,876	5	93,780	5	106,677	5	119,580
1/4	4,029	1/4	16,933	1/4	29,839	1/4	42,468	1/4	55,366	1/4	68,253	1/4	81,145	1/4	94,049	1/4	106,946	1/4	119,849
1/2	4,297	1/2	17,202	1/2	30,108	1/2	42,738	1/2	55,635	1/2	68,522	1/2	81,414	1/2	94,317	1/2	107,215	1/2	120,118
3/4	4,564	3/4	17,470	3/4	30,377	3/4	43,007	3/4	55,904	3/4	68,790	3/4	81,683	3/4	94,586	3/4	107,483	3/4	120,387
6	4,832	6	17,739	6	30,646	6	43,275	6	56,172	6	69,058	6	81,952	6	94,855	6	107,752	6	120,656
1/4	5,100	1/4	18,008	1/4	30,915	1/4	43,544	1/4	56,441	1/4	69,326	1/4	82,221	1/4	95,124	1/4	108,021	1/4	120,924
1/2	5,369	1/2	18,277	1/2	31,184	1/2	43,813	1/2	56,710	1/2	69,595	1/2	82,489	1/2	95,393	1/2	108,290	1/2	121,193
3/4	5,638	3/4	18,546	3/4	31,453	3/4	44,081	3/4	56,978	3/4	69,863	3/4	82,758	3/4	95,661	3/4	108,559	3/4	121,462
7	5,906	7	18,815	7	31,722	7	44,350	7	57,247	7	70,131	7	83,027	7	95,930	7	108,828	7	121,731
1/4	6,175	1/4	19,084	1/4	31,991	1/4	44,619	1/4	57,516	1/4	70,399	1/4	83,296	1/4	96,199	1/4	109,096	1/4	122,000
1/2	6,444	1/2	19,353	1/2	32,260	1/2	44,887	1/2	57,784	1/2	70,667	1/2	83,565	1/2	96,468	1/2	109,365	1/2	122,268
3/4	6,713	3/4	19,621	3/4	32,529	3/4	45,156	3/4	58,053	3/4	70,936	3/4	83,833	3/4	96,737	3/4	109,634	3/4	122,537
8	6,982	8	19,890	8	32,798	8	45,425	8	58,322	8	71,204	8	84,102	8	97,006	8	109,903	8	122,806
1/4	7,251	1/4	20,159	1/4	33,067	1/4	45,693	1/4	58,591	1/4	71,472	1/4	84,371	1/4	97,274	1/4	110,172	1/4	123,075
1/2	7,520	1/2	20,428	1/2	33,336	1/2	45,962	1/2	58,859	1/2	71,740	1/2	84,640	1/2	97,543	1/2	110,440	1/2	123,344
3/4	7,788	3/4	20,697	3/4	33,605	3/4	46,231	3/4	59,128	3/4	72,008	3/4	84,909	3/4	97,812	3/4	110,709	3/4	123,613
9	8,057	9	20,966	9	33,874	9	46,500	9	59,397	9	72,277	9	85,178	9	98,081	9	110,978	9	123,881
1/4	8,327	1/4	21,235	1/4	34,143	1/4	46,769	1/4	59,665	1/4	72,545	1/4	85,446	1/4	98,349	1/4	111,247	1/4	124,150
1/2	8,596	1/2	21,504	1/2	34,412	1/2	47,037	1/2	59,934	1/2	72,813	1/2	85,715	1/2	98,618	1/2	111,516	1/2	124,418
3/4	8,865	3/4	21,773	3/4	34,681	3/4	47,306	3/4	60,203	3/4	73,081	3/4	85,984	3/4	98,887	3/4	111,785	3/4	124,687
10	9,134	10	22,041	10	34,950	10	47,574	10	60,471	10	73,350	10	86,253	10	99,155	10	112,053	10	124,955
1/4	9,403	1/4	22,310	1/4	35,219	1/4	47,843	1/4	60,740	1/4	73,618	1/4	86,522	1/4	99,424	1/4	112,322	1/4	124,724
1/2	9,672	1/2	22,579	1/2	35,488	1/2	48,112	1/2	61,009	1/2	73,887	1/2	86,790	1/2	99,693	1/2	112,591	1/2	124,992
3/4	9,941	3/4	22,848	3/4	35,757	3/4	48,380	3/4	61,277	3/4	74,156	3/4	87,059	3/4	99,961	3/4	112,860	3/4	125,095
11	10,211	11	23,117	11	36,026	11	48,648	11	61,546	11	74,425	11	87,328	11	100,230	11	113,129	11	125,268
1/4	10,479	1/4	23,386	1/4	36,295	1/4	48,918	1/4	61,815	1/4	74,694	1/4	87,597	1/4	100,499	1/4	113,397	1/4	125,441
1/2	10,748	1/2	23,655	1/2	36,564	1/2	49,186	1/2	62,083	1/2	74,962	1/2	87,866	1/2	100,767	1/2	113,666	1/2	125,616
3/4	11,017	3/4	23,924	3/4	36,833	3/4	49,455	3/4	62,352	3/4	75,231	3/4	88,135	3/4	101,036	3/4	113,935	3/4	125,790

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IMPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAKE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1909"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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.	IN	19 FT.
0	125,964	0	134,312	0	142,660	0	151,008	0	159,356	0	167,704	0	176,052	0	184,400	0	192,748	0	201,096
1/4	126,138	1/4	134,486	1/4	142,834	1/4	151,182	1/4	159,530	1/4	167,878	1/4	176,226	1/4	184,574	1/4	192,922	1/4	201,270
1/2	126,312	1/2	134,660	1/2	143,008	1/2	151,356	1/2	159,704	1/2	168,052	1/2	176,400	1/2	184,748	1/2	193,096	1/2	201,444
3/4	126,485	3/4	134,834	3/4	143,182	3/4	151,530	3/4	159,878	3/4	168,226	3/4	176,574	3/4	184,922	3/4	193,270	3/4	201,618
1	126,659	1	135,007	1	143,355	1	151,704	1	159,995	1	168,343	1	176,690	1	185,038	1	193,386	1	201,734
1/4	126,833	1/4	135,181	1/4	143,529	1/4	151,878	1/4	160,079	1/4	168,427	1/4	176,775	1/4	185,123	1/4	193,471	1/4	201,882
1/2	127,007	1/2	135,355	1/2	143,703	1/2	152,051	1/2	160,252	1/2	168,600	1/2	176,948	1/2	185,296	1/2	193,644	1/2	202,034
3/4	127,181	3/4	135,529	3/4	143,877	3/4	152,225	3/4	160,427	3/4	168,775	3/4	177,123	3/4	185,471	3/4	193,819	3/4	202,182
1	127,355	1	135,703	1	144,051	1	152,399	1	160,747	1	169,095	1	177,443	1	185,791	1	194,139	1	202,480
1/4	127,529	1/4	135,877	1/4	144,225	1/4	152,573	1/4	160,921	1/4	169,269	1/4	177,617	1/4	185,965	1/4	194,313	1/4	202,658
1/2	127,703	1/2	136,051	1/2	144,399	1/2	152,747	1/2	161,091	1/2	169,439	1/2	177,787	1/2	186,135	1/2	194,487	1/2	202,832
3/4	127,877	3/4	136,225	3/4	144,573	3/4	152,921	3/4	161,263	3/4	169,611	3/4	177,959	3/4	186,307	3/4	194,661	3/4	203,006
1	128,051	1	136,399	1	144,747	1	153,095	1	161,435	1	169,783	1	178,131	1	186,479	1	194,835	1	203,180
1/4	128,225	1/4	136,573	1/4	144,921	1/4	153,269	1/4	161,607	1/4	169,955	1/4	178,303	1/4	186,651	1/4	195,007	1/4	203,354
1/2	128,399	1/2	136,747	1/2	145,095	1/2	153,443	1/2	161,781	1/2	170,129	1/2	178,477	1/2	186,825	1/2	195,181	1/2	203,528
3/4	128,572	3/4	136,921	3/4	145,269	3/4	153,617	3/4	161,955	3/4	170,303	3/4	178,651	3/4	187,007	3/4	195,355	3/4	203,702
1	128,746	1	137,094	1	145,443	1	153,791	1	162,129	1	170,477	1	178,825	1	187,173	1	195,529	1	203,876
1/4	128,920	1/4	137,268	1/4	145,616	1/4	153,965	1/4	162,301	1/4	170,649	1/4	179,007	1/4	187,355	1/4	195,707	1/4	204,050
1/2	129,094	1/2	137,442	1/2	145,790	1/2	154,138	1/2	162,475	1/2	170,823	1/2	179,171	1/2	187,529	1/2	195,881	1/2	204,224
3/4	129,268	3/4	137,616	3/4	145,964	3/4	154,312	3/4	162,649	3/4	171,007	3/4	179,355	3/4	187,707	3/4	196,055	3/4	204,398
1	129,442	1	137,790	1	146,138	1	154,486	1	162,823	1	171,171	1	179,519	1	187,881	1	196,229	1	204,572
1/4	129,616	1/4	137,964	1/4	146,312	1/4	154,660	1/4	163,007	1/4	171,345	1/4	179,693	1/4	188,041	1/4	196,383	1/4	204,746
1/2	129,790	1/2	138,138	1/2	146,486	1/2	154,834	1/2	163,181	1/2	171,519	1/2	179,867	1/2	188,215	1/2	196,557	1/2	204,920
3/4	129,964	3/4	138,312	3/4	146,660	3/4	155,008	3/4	163,355	3/4	171,693	3/4	180,041	3/4	188,389	3/4	196,731	3/4	205,094
1	130,138	1	138,486	1	146,834	1	155,182	1	163,529	1	171,867	1	180,215	1	188,563	1	196,905	1	205,268
1/4	130,312	1/4	138,660	1/4	147,008	1/4	155,356	1/4	163,701	1/4	180,389	1/4	188,737	1/4	197,081	1/4	197,429	1/4	205,442
1/2	130,486	1/2	138,834	1/2	147,182	1/2	155,530	1/2	163,875	1/2	180,563	1/2	188,911	1/2	197,255	1/2	197,603	1/2	205,616
3/4	130,659	3/4	139,008	3/4	147,356	3/4	155,704	3/4	164,053	3/4	180,737	3/4	189,085	3/4	197,429	3/4	197,777	3/4	205,790
1	130,833	1	139,181	1	147,530	1	155,878	1	164,227	1	180,911	1	189,259	1	197,603	1	197,951	1	205,964
1/4	131,007	1/4	139,355	1/4	147,703	1/4	156,052	1/4	164,401	1/4	181,085	1/4	189,427	1/4	197,777	1/4	198,119	1/4	206,138
1/2	131,181	1/2	139,529	1/2	147,877	1/2	156,225	1/2	164,575	1/2	181,259	1/2	189,605	1/2	197,951	1/2	198,293	1/2	206,312
3/4	131,355	3/4	139,703	3/4	148,051	3/4	156,399	3/4	164,749	3/4	181,433	3/4	189,779	3/4	198,125	3/4	198,467	3/4	206,486
1	131,529	1	139,877	1	148,225	1	156,573	1	164,923	1	181,607	1	189,957	1	198,301	1	198,643	1	206,660
1/4	131,703	1/4	140,051	1/4	148,399	1/4	156,747	1/4	165,097	1/4	181,781	1/4	190,131	1/4	198,475	1/4	198,817	1/4	206,834
1/2	131,877	1/2	140,225	1/2	148,573	1/2	156,921	1/2	165,271	1/2	181,955	1/2	190,305	1/2	198,649	1/2	198,991	1/2	207,008
3/4	132,051	3/4	140,399	3/4	148,747	3/4	157,095	3/4	165,445	3/4	182,129	3/4	190,483	3/4	198,823	3/4	199,165	3/4	207,182
1	132,225	1	140,573	1	148,921	1	157,269	1	165,619	1	182,303	1	190,657	1	199,007	1	199,349	1	207,356
1/4	132,399	1/4	140,747	1/4	149,095	1/4	157,443	1/4	165,793	1/4	182,477	1/4	190,831	1/4	199,181	1/4	199,523	1/4	207,530
1/2	132,573	1/2	140,921	1/2	149,269	1/2	157,617	1/2	165,967	1/2	182,651	1/2	191,005	1/2	199,355	1/2	199,697	1/2	207,704
3/4	132,747	3/4	141,095	3/4	149,443	3/4	157,791	3/4	166,141	3/4	182,825	3/4	191,179	3/4	199,529	3/4	199,871	3/4	207,878
1	132,920	1	141,269	1	149,617	1	157,965	1	166,315	1	183,007	1	191,353	1	199,703	1	199,995	1	208,052
1/4	133,094	1/4	141,442	1/4	149,791	1/4	158,138	1/4	166,489	1/4	183,181	1/4	191,527	1/4	199,877	1/4	199,995	1/4	208,226
1/2	133,268	1/2	141,616	1/2	149,964	1/2	158,312	1/2	166,663	1/2	183,355	1/2	191,701	1/2	199,995	1/2	199,995	1/2	208,400
3/4	133,442	3/4	141,790	3/4	150,138	3/4	158,486	3/4	166,837	3/4	183,529	3/4	191,875	3/4	199,995	3/4	199,995	3/4	208,574
1	133,616	1	141,964	1	150,312	1	158,659	1	167,011	1	183,703	1	192,047	1	199,995	1	199,995	1	208,748
1/4	133,790	1/4	142,138	1/4	150,486	1/4	158,832	1/4	167,185	1/4	183,877	1/4	192,221	1/4	199,995	1/4	199,995	1/4	208,922
1/2	133,964	1/2	142,312	1/2	150,660	1/2	159,005	1/2	167,359	1/2	184,051	1/2	192,395	1/2	199,995	1/2	199,995	1/2	209,096
3/4	134,138	3/4	142,486	3/4	150,834	3/4	159,177	3/4	167,533	3/4	184,225	3/4	192,569	3/4	199,995	3/4	199,995	3/4	209,270

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/29/2019 JS
 CALCULATED: 05/30/2019 CL
 PRINTED: 05/30/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2032
 Pearland, Texas 77588
 http://www.pmaacorp.net



BARGE "IB 1909"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	26	10,839	23,250	35,491	47,789	60,200	72,611	85,022	97,433	109,844
1/4	69	11,098	23,508	35,742	48,048	60,459	72,870	85,280	97,691	110,102
1/2	112	11,357	23,767	36,001	48,306	60,717	73,128	85,539	97,950	110,361
3/4	156	11,615	24,026	36,255	48,565	60,976	73,387	85,798	98,208	110,619
1	199	11,874	24,284	36,497	48,823	61,234	73,645	86,056	98,467	110,878
1/4	328	12,132	24,543	36,748	49,081	61,493	73,904	86,315	98,726	111,136
1/2	467	12,391	24,801	37,000	49,342	61,751	74,162	86,574	98,984	111,395
3/4	586	12,649	25,060	37,251	49,599	62,010	74,421	86,832	99,243	111,654
2	716	12,908	25,318	37,503	49,858	62,269	74,679	87,090	99,501	111,912
1/4	931	13,166	25,577	37,754	50,116	62,527	74,938	87,349	99,760	112,171
1/2	1,146	13,425	25,835	38,006	50,375	62,786	75,197	87,607	100,018	112,429
3/4	1,361	13,684	26,094	38,258	50,633	63,044	75,455	87,866	100,277	112,688
3	1,576	13,942	26,353	38,509	50,892	63,303	75,714	88,125	100,535	112,946
1/4	1,829	14,201	26,611	38,761	51,150	63,561	75,972	88,383	100,794	113,205
1/2	2,082	14,459	26,870	39,012	51,409	63,820	76,231	88,642	101,053	113,464
3/4	2,336	14,718	27,128	39,264	51,668	64,078	76,489	88,900	101,311	113,722
4	2,589	14,976	27,387	39,515	51,926	64,337	76,748	89,159	101,570	113,981
1/4	2,844	15,235	27,645	39,774	52,185	64,596	77,007	89,417	101,828	114,239
1/2	3,100	15,493	27,904	40,032	52,443	64,854	77,265	89,676	102,087	114,498
3/4	3,356	15,752	28,162	40,291	52,702	65,113	77,524	89,935	102,345	114,756
5	3,611	16,010	28,421	40,550	52,960	65,371	77,782	90,193	102,604	115,015
1/4	3,868	16,269	28,679	40,808	53,219	65,630	78,041	90,452	102,863	115,273
1/2	4,125	16,528	28,938	41,067	53,478	65,888	78,299	90,710	103,121	115,532
3/4	4,382	16,786	29,197	41,325	53,736	66,147	78,558	90,969	103,380	115,791
5	4,639	17,045	29,455	41,584	53,995	66,406	78,816	91,227	103,638	116,050
1/4	4,897	17,303	29,714	41,842	54,253	66,664	79,075	91,486	103,897	116,308
1/2	5,154	17,562	29,972	42,101	54,512	66,923	79,334	91,744	104,155	116,566
3/4	5,412	17,820	30,230	42,359	54,770	67,181	79,592	92,003	104,414	116,825
7	5,670	18,079	30,481	42,618	55,029	67,440	79,851	92,262	104,672	117,083
1/4	5,928	18,337	30,713	42,877	55,287	67,698	80,109	92,520	104,931	117,342
1/2	6,186	18,596	30,964	43,135	55,546	67,957	80,368	92,779	105,190	117,600
3/4	6,445	18,855	31,216	43,394	55,805	68,215	80,626	93,037	105,448	117,859
8	6,703	19,113	31,467	43,652	56,063	68,474	80,885	93,296	105,707	118,118
1/4	6,961	19,372	31,719	43,911	56,322	68,733	81,143	93,554	105,965	118,376
1/2	7,220	19,630	31,970	44,169	56,580	68,991	81,402	93,813	106,224	118,635
3/4	7,478	19,889	32,222	44,428	56,839	69,250	81,661	94,071	106,482	118,893
9	7,737	20,147	32,473	44,686	57,097	69,508	81,919	94,330	106,741	119,152
1/4	7,995	20,406	32,725	44,945	57,356	69,767	82,178	94,589	107,000	119,410
1/2	8,254	20,664	32,976	45,204	57,614	70,025	82,436	94,847	107,258	119,669
3/4	8,513	20,923	33,228	45,462	57,873	70,284	82,695	95,106	107,517	119,928
10	8,771	21,182	33,479	45,721	58,132	70,543	82,953	95,364	107,775	120,186
1/4	9,030	21,440	33,730	45,979	58,390	70,801	83,212	95,623	108,034	120,445
1/2	9,288	21,699	33,982	46,238	58,649	71,060	83,471	95,881	108,292	120,703
3/4	9,547	21,957	34,233	46,496	58,907	71,318	83,729	96,140	108,551	120,961
11	9,805	22,216	34,485	46,755	59,166	71,577	83,988	96,399	108,809	121,220
1/4	10,064	22,474	34,736	47,014	59,424	71,835	84,246	96,657	109,068	121,479
1/2	10,322	22,733	34,988	47,272	59,683	72,094	84,505	96,916	109,327	121,737
3/4	10,581	22,991	35,239	47,531	59,942	72,352	84,763	97,174	109,585	121,996

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P. O. Box 2092

Pearland, Texas 77588

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BARGE "IB 1909"

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.	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	122,255	0	134,665	0	147,076	0	159,487	0	171,892	0	184,303	0	196,714	0	209,125	0	221,536	0	233,947	0
1/4	122,513	1/4	134,924	1/4	147,335	1/4	159,746	1/4	172,157	1/4	184,568	1/4	196,979	1/4	209,390	1/4	221,801	1/4	234,212	1/4
1/2	122,772	1/2	135,183	1/2	147,593	1/2	160,004	1/2	172,415	1/2	184,826	1/2	197,237	1/2	209,648	1/2	222,059	1/2	234,470	1/2
3/4	123,030	3/4	135,441	3/4	147,852	3/4	160,263	3/4	172,674	3/4	185,085	3/4	197,496	3/4	209,907	3/4	222,318	3/4	234,729	3/4
1	123,289	1	135,700	1	148,111	1	160,521	1	172,932	1	185,343	1	197,754	1	210,165	1	222,576	1	234,987	1
1/4	123,547	1/4	135,958	1/4	148,369	1/4	160,780	1/4	173,191	1/4	185,602	1/4	198,013	1/4	210,424	1/4	222,835	1/4	235,246	1/4
1/2	123,806	1/2	136,217	1/2	148,628	1/2	161,039	1/2	173,450	1/2	185,861	1/2	198,272	1/2	210,685	1/2	223,096	1/2	235,507	1/2
3/4	124,064	3/4	136,475	3/4	148,886	3/4	161,297	3/4	173,707	3/4	186,118	3/4	198,529	3/4	210,946	3/4	223,357	3/4	235,768	3/4
1	124,323	1	136,734	1	149,145	1	161,556	1	173,967	1	186,378	1	198,789	1	211,200	1	223,610	1	236,021	1
1/4	124,582	1/4	136,993	1/4	149,403	1/4	161,814	1/4	174,224	1/4	186,635	1/4	199,046	1/4	211,459	1/4	223,869	1/4	236,280	1/4
1/2	124,840	1/2	137,251	1/2	149,662	1/2	162,073	1/2	174,483	1/2	186,894	1/2	199,305	1/2	211,718	1/2	224,128	1/2	236,541	1/2
3/4	125,099	3/4	137,510	3/4	149,921	3/4	162,331	3/4	174,826	3/4	187,237	3/4	199,648	3/4	211,977	3/4	224,389	3/4	236,802	3/4
1	125,357	1	137,768	1	150,179	1	162,590	1	175,012	1	187,423	1	199,854	1	212,238	1	224,648	1	237,063	1
1/4	125,616	1/4	138,027	1/4	150,438	1/4	162,849	1/4	175,273	1/4	187,687	1/4	199,915	1/4	212,500	1/4	224,910	1/4	237,325	1/4
1/2	125,874	1/2	138,285	1/2	150,696	1/2	163,107	1/2	175,485	1/2	187,946	1/2	200,177	1/2	212,761	1/2	225,171	1/2	237,586	1/2
3/4	126,133	3/4	138,544	3/4	150,955	3/4	163,366	3/4	175,695	3/4	188,206	3/4	200,438	3/4	213,022	3/4	225,432	3/4	237,847	3/4
1	126,392	1	138,802	1	151,213	1	163,624	1	175,904	1	188,451	1	200,694	1	213,283	1	225,688	1	238,108	1
1/4	126,650	1/4	139,061	1/4	151,472	1/4	163,883	1/4	176,113	1/4	188,714	1/4	200,955	1/4	213,544	1/4	225,949	1/4	238,369	1/4
1/2	126,909	1/2	139,320	1/2	151,730	1/2	164,141	1/2	176,323	1/2	189,016	1/2	201,216	1/2	213,805	1/2	226,210	1/2	238,630	1/2
3/4	127,167	3/4	139,578	3/4	151,989	3/4	164,400	3/4	176,534	3/4	189,277	3/4	201,477	3/4	214,067	3/4	226,471	3/4	238,891	3/4
1	127,426	1	139,837	1	152,248	1	164,658	1	176,745	1	189,532	1	201,738	1	214,328	1	226,732	1	239,152	1
1/4	127,684	1/4	140,095	1/4	152,506	1/4	164,917	1/4	177,056	1/4	189,793	1/4	202,000	1/4	214,589	1/4	226,993	1/4	239,413	1/4
1/2	127,943	1/2	140,354	1/2	152,765	1/2	165,176	1/2	177,265	1/2	190,142	1/2	202,261	1/2	214,850	1/2	227,254	1/2	239,674	1/2
3/4	128,201	3/4	140,612	3/4	153,023	3/4	165,434	3/4	177,474	3/4	190,353	3/4	202,522	3/4	215,111	3/4	227,515	3/4	240,035	3/4
1	128,460	1	140,871	1	153,282	1	165,693	1	177,685	1	190,572	1	202,783	1	215,372	1	227,776	1	240,296	1
1/4	128,719	1/4	141,129	1/4	153,540	1/4	165,951	1/4	177,896	1/4	190,834	1/4	203,043	1/4	215,634	1/4	228,037	1/4	240,557	1/4
1/2	128,977	1/2	141,388	1/2	153,799	1/2	166,210	1/2	178,107	1/2	191,095	1/2	203,305	1/2	215,895	1/2	228,298	1/2	240,818	1/2
3/4	129,236	3/4	141,647	3/4	154,057	3/4	166,468	3/4	178,318	3/4	191,354	3/4	203,566	3/4	216,156	3/4	228,559	3/4	241,079	3/4
1	129,494	1	141,905	1	154,316	1	166,727	1	178,529	1	191,617	1	203,827	1	216,417	1	228,820	1	241,340	1
1/4	129,753	1/4	142,164	1/4	154,575	1/4	166,985	1/4	178,741	1/4	191,878	1/4	204,088	1/4	216,678	1/4	229,081	1/4	241,601	1/4
1/2	130,011	1/2	142,422	1/2	154,833	1/2	167,244	1/2	178,954	1/2	192,139	1/2	204,349	1/2	216,939	1/2	229,342	1/2	241,862	1/2
3/4	130,270	3/4	142,681	3/4	155,092	3/4	167,503	3/4	179,165	3/4	192,401	3/4	204,610	3/4	217,200	3/4	229,603	3/4	242,123	3/4
1	130,528	1	142,939	1	155,350	1	167,761	1	179,376	1	192,661	1	204,870	1	217,461	1	229,864	1	242,384	1
1/4	130,787	1/4	143,198	1/4	155,609	1/4	168,020	1/4	179,587	1/4	193,129	1/4	205,130	1/4	217,722	1/4	230,125	1/4	242,645	1/4
1/2	131,046	1/2	143,457	1/2	155,867	1/2	168,278	1/2	179,800	1/2	193,390	1/2	205,391	1/2	217,983	1/2	230,386	1/2	242,906	1/2
3/4	131,304	3/4	143,715	3/4	156,126	3/4	168,537	3/4	180,011	3/4	193,650	3/4	205,649	3/4	218,244	3/4	230,647	3/4	243,167	3/4
1	131,563	1	143,974	1	156,385	1	168,795	1	180,304	1	193,909	1	205,909	1	218,505	1	230,908	1	243,428	1
1/4	131,821	1/4	144,232	1/4	156,643	1/4	169,054	1/4	180,563	1/4	194,168	1/4	206,169	1/4	218,766	1/4	231,169	1/4	243,689	1/4
1/2	132,080	1/2	144,491	1/2	156,902	1/2	169,313	1/2	180,822	1/2	194,427	1/2	206,428	1/2	219,027	1/2	231,430	1/2	243,950	1/2
3/4	132,338	3/4	144,749	3/4	157,160	3/4	169,571	3/4	181,081	3/4	194,686	3/4	206,689	3/4	219,289	3/4	231,691	3/4	244,211	3/4
1	132,597	1	145,008	1	157,419	1	169,830	1	181,340	1	194,948	1	206,950	1	219,548	1	231,952	1	244,472	1
1/4	132,856	1/4	145,266	1/4	157,677	1/4	170,088	1/4	181,601	1/4	195,209	1/4	207,211	1/4	220,110	1/4	232,213	1/4	244,733	1/4
1/2	133,114	1/2	145,525	1/2	157,936	1/2	170,346	1/2	181,859	1/2	195,468	1/2	207,472	1/2	220,371	1/2	232,474	1/2	244,994	1/2
3/4	133,373	3/4	145,784	3/4	158,194	3/4	170,605	3/4	182,117	3/4	195,727	3/4	207,731	3/4	220,632	3/4	232,735	3/4	245,255	3/4
1	133,631	1	146,042	1	158,453	1	170,863	1	182,374	1	196,038	1	207,990	1	220,893	1	233,036	1	245,516	1
1/4	133,890	1/4	146,301	1/4	158,712	1/4	171,120	1/4	183,131	1/4	196,301	1/4	208,251	1/4	221,154	1/4	233,297	1/4	245,777	1/4
1/2	134,148	1/2	146,559	1/2	158,970	1/2	171,378	1/2	183,389	1/2	196,562	1/2	208,514	1/2	221,415	1/2	233,558	1/2	246,038	1/2
3/4	134,407	3/4	146,818	3/4	159,229	3/4	171,635	3/4	183,646	3/4	196,823	3/4	208,775	3/4	221,676	3/4	233,819	3/4	246,299	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/29/2019 JS
CALCULATED: 05/30/2019 CL
PRINTED: 05/30/2019 CL

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

CANCEL S AND SUPERCEDES
ALL PRIOR TO 05/2019



BARGE "IB 1909"

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	26	0	10,766	0	23,093	0	35,409	0	47,729	0	60,056	0	72,383	0	84,710	0	97,037	0	109,364				
1/4	69	1/4	11,023	1/4	23,350	1/4	35,665	1/4	47,986	1/4	60,313	1/4	72,640	1/4	84,967	1/4	97,294	1/4	109,621				
1/2	112	1/2	11,280	1/2	23,607	1/2	35,922	1/2	48,243	1/2	60,570	1/2	72,897	1/2	85,224	1/2	97,551	1/2	109,878				
3/4	155	3/4	11,537	3/4	23,863	3/4	36,178	3/4	48,499	3/4	60,826	3/4	73,153	3/4	85,480	3/4	97,807	3/4	110,134				
1	197	1	11,794	1	24,120	1	36,434	1	48,756	1	61,083	1	73,410	1	85,737	1	98,064	1	110,391				
1 1/4	236	1 1/4	12,050	1 1/4	24,377	1 1/4	36,691	1 1/4	49,013	1 1/4	61,340	1 1/4	73,667	1 1/4	85,994	1 1/4	98,321	1 1/4	110,648				
1 1/2	275	1 1/2	12,307	1 1/2	24,634	1 1/2	36,947	1 1/2	49,270	1 1/2	61,597	1 1/2	73,924	1 1/2	86,251	1 1/2	98,578	1 1/2	110,905				
1 3/4	314	1 3/4	12,564	1 3/4	24,891	1 3/4	37,203	1 3/4	49,527	1 3/4	61,854	1 3/4	74,181	1 3/4	86,508	1 3/4	98,835	1 3/4	111,162				
2	353	2	12,821	2	25,147	2	37,460	2	49,784	2	62,111	2	74,438	2	86,765	2	99,092	2	111,418				
2 1/4	392	2 1/4	13,078	2 1/4	25,404	2 1/4	37,716	2 1/4	50,040	2 1/4	62,367	2 1/4	74,694	2 1/4	87,021	2 1/4	99,348	2 1/4	111,675				
2 1/2	431	2 1/2	13,334	2 1/2	25,661	2 1/2	37,973	2 1/2	50,297	2 1/2	62,624	2 1/2	74,951	2 1/2	87,278	2 1/2	99,605	2 1/2	111,932				
2 3/4	470	2 3/4	13,591	2 3/4	25,918	2 3/4	38,229	2 3/4	50,554	2 3/4	62,881	2 3/4	75,208	2 3/4	87,535	2 3/4	99,862	2 3/4	112,189				
3	509	3	13,848	3	26,175	3	38,485	3	50,811	3	63,138	3	75,465	3	87,792	3	100,119	3	112,446				
3 1/4	548	3 1/4	14,105	3 1/4	26,431	3 1/4	38,742	3 1/4	51,068	3 1/4	63,395	3 1/4	75,722	3 1/4	88,049	3 1/4	100,376	3 1/4	112,703				
3 1/2	587	3 1/2	14,362	3 1/2	26,688	3 1/2	38,998	3 1/2	51,324	3 1/2	63,651	3 1/2	75,978	3 1/2	88,305	3 1/2	100,632	3 1/2	112,959				
3 3/4	626	3 3/4	14,618	3 3/4	26,945	3 3/4	39,255	3 3/4	51,581	3 3/4	63,908	3 3/4	76,235	3 3/4	88,562	3 3/4	100,889	3 3/4	113,216				
4	665	4	14,875	4	27,202	4	39,511	4	51,838	4	64,165	4	76,492	4	88,819	4	101,146	4	113,473				
4 1/4	704	4 1/4	15,132	4 1/4	27,459	4 1/4	39,768	4 1/4	52,095	4 1/4	64,422	4 1/4	76,749	4 1/4	89,076	4 1/4	101,403	4 1/4	113,730				
4 1/2	743	4 1/2	15,389	4 1/2	27,715	4 1/2	40,025	4 1/2	52,352	4 1/2	64,679	4 1/2	77,006	4 1/2	89,333	4 1/2	101,660	4 1/2	113,987				
4 3/4	782	4 3/4	15,646	4 3/4	27,972	4 3/4	40,281	4 3/4	52,608	4 3/4	64,935	4 3/4	77,262	4 3/4	89,589	4 3/4	101,916	4 3/4	114,243				
5	821	5	15,902	5	28,229	5	40,538	5	52,865	5	65,192	5	77,519	5	89,846	5	102,173	5	114,500				
5 1/4	860	5 1/4	16,159	5 1/4	28,486	5 1/4	40,795	5 1/4	53,122	5 1/4	65,449	5 1/4	77,776	5 1/4	90,103	5 1/4	102,430	5 1/4	114,757				
5 1/2	899	5 1/2	16,416	5 1/2	28,743	5 1/2	41,052	5 1/2	53,379	5 1/2	65,706	5 1/2	78,033	5 1/2	90,360	5 1/2	102,687	5 1/2	115,014				
5 3/4	938	5 3/4	16,672	5 3/4	29,000	5 3/4	41,309	5 3/4	53,636	5 3/4	65,963	5 3/4	78,290	5 3/4	90,617	5 3/4	102,944	5 3/4	115,271				
6	977	6	16,929	6	29,256	6	41,565	6	53,893	6	66,220	6	78,547	6	90,874	6	103,200	6	115,527				
6 1/4	1,016	6 1/4	17,186	6 1/4	29,513	6 1/4	41,822	6 1/4	54,149	6 1/4	66,476	6 1/4	78,803	6 1/4	91,130	6 1/4	103,457	6 1/4	115,784				
6 1/2	1,055	6 1/2	17,443	6 1/2	29,769	6 1/2	42,079	6 1/2	54,406	6 1/2	66,733	6 1/2	79,060	6 1/2	91,387	6 1/2	103,714	6 1/2	116,041				
6 3/4	1,094	6 3/4	17,700	6 3/4	30,025	6 3/4	42,336	6 3/4	54,663	6 3/4	66,990	6 3/4	79,317	6 3/4	91,644	6 3/4	103,971	6 3/4	116,298				
7	1,133	7	17,957	7	30,282	7	42,593	7	54,920	7	67,247	7	79,574	7	91,901	7	104,228	7	116,555				
7 1/4	1,172	7 1/4	18,214	7 1/4	30,538	7 1/4	42,850	7 1/4	55,177	7 1/4	67,504	7 1/4	79,831	7 1/4	92,158	7 1/4	104,485	7 1/4	116,812				
7 1/2	1,211	7 1/2	18,470	7 1/2	30,794	7 1/2	43,106	7 1/2	55,433	7 1/2	67,760	7 1/2	80,087	7 1/2	92,414	7 1/2	104,742	7 1/2	117,068				
7 3/4	1,250	7 3/4	18,727	7 3/4	31,051	7 3/4	43,363	7 3/4	55,690	7 3/4	68,017	7 3/4	80,344	7 3/4	92,671	7 3/4	104,998	7 3/4	117,325				
8	1,289	8	18,984	8	31,307	8	43,620	8	55,947	8	68,274	8	80,601	8	92,928	8	105,255	8	117,582				
8 1/4	1,328	8 1/4	19,241	8 1/4	31,563	8 1/4	43,877	8 1/4	56,204	8 1/4	68,531	8 1/4	80,858	8 1/4	93,185	8 1/4	105,512	8 1/4	117,839				
8 1/2	1,367	8 1/2	19,498	8 1/2	31,820	8 1/2	44,134	8 1/2	56,461	8 1/2	68,788	8 1/2	81,115	8 1/2	93,442	8 1/2	105,769	8 1/2	118,096				
8 3/4	1,406	8 3/4	19,754	8 3/4	32,076	8 3/4	44,390	8 3/4	56,717	8 3/4	69,044	8 3/4	81,371	8 3/4	93,698	8 3/4	106,025	8 3/4	118,352				
9	1,445	9	20,011	9	32,332	9	44,647	9	56,974	9	69,301	9	81,628	9	93,955	9	106,282	9	118,609				
9 1/4	1,484	9 1/4	20,268	9 1/4	32,589	9 1/4	44,904	9 1/4	57,231	9 1/4	69,558	9 1/4	81,885	9 1/4	94,212	9 1/4	106,539	9 1/4	118,866				
9 1/2	1,523	9 1/2	20,525	9 1/2	32,845	9 1/2	45,161	9 1/2	57,488	9 1/2	69,815	9 1/2	82,142	9 1/2	94,469	9 1/2	106,796	9 1/2	119,123				
9 3/4	1,562	9 3/4	20,782	9 3/4	33,102	9 3/4	45,418	9 3/4	57,745	9 3/4	70,072	9 3/4	82,399	9 3/4	94,726	9 3/4	107,053	9 3/4	119,380				
10	1,601	10	21,038	10	33,358	10	45,675	10	58,002	10	70,329	10	82,656	10	94,983	10	107,309	10	119,636				
10 1/4	1,640	10 1/4	21,295	10 1/4	33,614	10 1/4	45,932	10 1/4	58,258	10 1/4	70,585	10 1/4	82,912	10 1/4	95,239	10 1/4	107,566	10 1/4	119,893				
10 1/2	1,679	10 1/2	21,552	10 1/2	33,871	10 1/2	46,188	10 1/2	58,488	10 1/2	70,842	10 1/2	83,169	10 1/2	95,496	10 1/2	107,823	10 1/2	120,150				
10 3/4	1,718	10 3/4	21,809	10 3/4	34,127	10 3/4	46,445	10 3/4	58,742	10 3/4	71,099	10 3/4	83,426	10 3/4	95,753	10 3/4	108,080	10 3/4	120,407				
11	1,757	11	22,066	11	34,383	11	46,702	11	59,029	11	71,356	11	83,683	11	96,010	11	108,337	11	120,664				
11 1/4	1,796	11 1/4	22,322	11 1/4	34,640	11 1/4	46,959	11 1/4	59,286	11 1/4	71,613	11 1/4	83,940	11 1/4	96,267	11 1/4	108,594	11 1/4	120,921				
11 1/2	1,835	11 1/2	22,579	11 1/2	34,896	11 1/2	47,215	11 1/2	59,542	11 1/2	71,869	11 1/2	84,196	11 1/2	96,523	11 1/2	108,850	11 1/2	121,177				
11 3/4	1,874	11 3/4	22,836	11 3/4	35,152	11 3/4	47,472	11 3/4	59,799	11 3/4	72,126	11 3/4	84,453	11 3/4	96,780	11 3/4	109,107	11 3/4	121,434				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1909"

3 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	121,691	134,018	146,345	158,672	170,993	183,314	195,635	207,956	220,277	232,598
1/4	121,948	134,275	146,602	158,929	171,256	183,583	195,910	208,237	220,564	232,891
1/2	122,205	134,532	146,859	159,186	171,513	183,840	196,167	208,494	220,821	233,148
3/4	122,461	134,788	147,115	159,442	171,769	184,096	196,423	208,750	221,077	233,404
1	122,718	135,045	147,372	159,699	172,024	184,351	196,678	209,005	221,332	233,661
1 1/4	122,975	135,302	147,629	159,956	172,281	184,608	196,935	209,262	221,589	233,918
1 1/2	123,232	135,559	147,886	160,213	172,538	184,865	197,192	209,519	221,846	234,175
3/4	123,489	135,816	148,143	160,470	172,795	185,122	197,449	209,776	222,103	234,432
2	123,745	136,072	148,399	160,726	173,052	185,379	197,706	210,033	222,360	234,689
1 1/4	124,002	136,329	148,656	160,983	173,309	185,636	197,963	210,290	222,617	234,946
1 1/2	124,259	136,586	148,913	161,240	173,566	185,893	198,220	210,547	222,874	235,203
3/4	124,516	136,843	149,170	161,497	173,823	186,151	198,477	210,804	223,131	235,460
3	124,773	137,100	149,427	161,754	174,080	186,408	198,734	211,061	223,388	235,717
1 1/4	125,030	137,357	149,684	162,011	174,337	186,665	198,991	211,318	223,645	235,974
1 1/2	125,286	137,613	149,940	162,267	174,594	186,922	199,248	211,575	223,902	236,231
3/4	125,543	137,870	150,197	162,524	174,851	187,179	199,505	211,832	224,159	236,488
4	125,800	138,127	150,454	162,781	175,108	187,436	199,762	212,089	224,416	236,745
1 1/4	126,057	138,384	150,711	163,038	175,365	187,693	199,999	212,346	224,673	236,999
1 1/2	126,314	138,641	150,968	163,295	175,622	187,950	200,256	212,603	224,930	237,256
3/4	126,570	138,897	151,224	163,551	175,879	188,207	200,513	212,860	225,187	237,513
5	126,827	139,154	151,481	163,808	176,136	188,464	200,770	213,117	225,444	237,770
1 1/4	127,084	139,411	151,738	164,065	176,393	188,721	201,027	213,374	225,701	238,027
1 1/2	127,341	139,668	151,995	164,322	176,650	188,978	201,284	213,631	225,958	238,284
3/4	127,598	139,925	152,252	164,579	176,907	189,235	201,541	213,888	226,215	238,541
6	127,854	140,181	152,508	164,835	177,164	189,492	201,798	214,145	226,472	238,798
1 1/4	128,111	140,438	152,765	165,092	177,421	189,749	202,055	214,402	226,729	239,055
1 1/2	128,368	140,695	153,022	165,349	177,678	190,006	202,312	214,659	226,986	239,312
3/4	128,625	140,952	153,279	165,606	177,935	190,263	202,569	214,916	227,243	239,569
7	128,882	141,209	153,536	165,863	178,192	190,520	202,826	215,173	227,500	239,826
1 1/4	129,139	141,466	153,793	166,120	178,449	190,777	203,083	215,430	227,757	240,083
1 1/2	129,395	141,722	154,049	166,376	178,706	191,034	203,340	215,687	228,014	240,340
3/4	129,652	141,979	154,306	166,633	178,963	191,291	203,597	215,944	228,271	240,597
8	129,909	142,236	154,563	166,890	179,220	191,548	203,854	216,201	228,528	240,854
1 1/4	130,166	142,493	154,820	167,147	179,477	191,805	204,111	216,458	228,785	241,111
1 1/2	130,423	142,750	155,077	167,404	179,734	192,062	204,368	216,715	229,042	241,368
3/4	130,679	143,006	155,333	167,660	180,019	192,319	204,625	216,972	229,300	241,625
9	130,936	143,263	155,590	167,917	180,276	192,576	204,882	217,229	229,557	241,882
1 1/4	131,193	143,520	155,847	168,174	180,533	192,833	205,139	217,486	229,814	242,139
1 1/2	131,450	143,777	156,104	168,431	180,790	193,090	205,396	217,743	230,071	242,396
3/4	131,707	144,034	156,361	168,688	181,047	193,347	205,653	218,000	230,328	242,653
10	131,963	144,290	156,617	168,944	181,304	193,604	205,910	218,257	230,585	242,910
1 1/4	132,220	144,547	156,874	169,201	181,561	193,861	206,167	218,514	230,842	243,167
1 1/2	132,477	144,804	157,131	169,458	181,818	194,118	206,424	218,771	231,100	243,424
3/4	132,734	145,061	157,388	169,714	182,075	194,375	206,681	219,028	231,357	243,681
11	132,991	145,318	157,645	169,971	182,332	194,632	206,938	219,285	231,614	243,938
1 1/4	133,248	145,575	157,902	170,226	182,589	194,889	207,195	219,542	231,871	244,195
1 1/2	133,504	145,831	158,158	170,482	182,846	195,146	207,452	219,799	232,128	244,452
3/4	133,761	146,088	158,415	170,738	183,103	195,403	207,709	220,056	232,385	244,709

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/29/2019 JS
 CALCULATED: 05/30/2019 CL
 PRINTED: 05/30/2019 CL

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Tom Stearns

CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/20/19