



BARGE "IB 1970"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-5/8	00-5/8
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 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 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

May 5, 2016

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

<http://www.pmacorp.net>



BARGE "IB 1970"

1 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-03 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	10,176	0	34,019	0	57,905	0	81,883	0	105,885
1/4	1/4	10,426	22,427	34,262	46,159	58,154	70,132	82,133	94,134	106,135
1/2	1/2	10,676	22,677	34,506	46,409	58,403	70,382	82,383	94,384	106,385
3/4	3/4	10,926	22,927	34,749	46,659	58,653	70,632	82,633	94,634	106,635
1	1	11,176	23,177	34,992	46,909	58,902	70,882	82,883	94,884	106,885
1 1/4	1 1/4	11,426	23,428	35,236	47,159	59,152	71,132	83,133	95,134	107,135
1 1/2	1 1/2	11,676	23,678	35,479	47,409	59,401	71,382	83,383	95,384	107,385
1 3/4	1 3/4	11,926	23,928	35,722	47,659	59,651	71,632	83,633	95,634	107,635
2	2	12,176	24,178	35,966	47,909	59,900	71,882	83,883	95,884	107,885
2 1/4	2 1/4	12,426	24,428	36,209	48,159	60,149	72,132	84,133	96,134	108,135
2 1/2	2 1/2	12,676	24,678	36,452	48,409	60,399	72,382	84,383	96,384	108,385
2 3/4	2 3/4	12,926	24,928	36,696	48,658	60,648	72,632	84,633	96,634	108,635
3	3	13,176	25,178	36,939	48,908	60,898	72,882	84,883	96,884	108,885
3 1/4	3 1/4	13,426	25,428	37,183	49,158	61,147	73,132	85,133	97,134	109,135
3 1/2	3 1/2	13,676	25,678	37,426	49,408	61,397	73,382	85,383	97,384	109,385
3 3/4	3 3/4	13,926	25,928	37,669	49,658	61,646	73,632	85,633	97,634	109,635
4	4	14,176	26,178	37,913	49,908	61,895	73,882	85,883	97,884	109,885
4 1/4	4 1/4	14,426	26,428	38,156	50,158	62,145	74,132	86,133	98,134	110,135
4 1/2	4 1/2	14,676	26,678	38,413	50,408	62,394	74,382	86,383	98,384	110,385
4 3/4	4 3/4	14,926	26,928	38,663	50,658	62,644	74,632	86,634	98,634	110,635
5	5	15,176	27,178	38,912	50,907	62,893	74,882	86,884	98,884	110,885
5 1/4	5 1/4	15,426	27,428	39,162	51,157	63,143	75,132	87,134	99,134	111,135
5 1/2	5 1/2	15,676	27,678	39,412	51,407	63,392	75,382	87,384	99,384	111,385
5 3/4	5 3/4	15,926	27,928	39,662	51,657	63,641	75,632	87,634	99,634	111,635
6	6	16,177	28,178	39,912	51,907	63,891	75,882	87,884	99,884	111,885
6 1/4	6 1/4	16,427	28,428	40,162	52,157	64,140	76,132	88,134	100,134	112,135
6 1/2	6 1/2	16,677	28,678	40,412	52,407	64,390	76,382	88,384	100,384	112,385
6 3/4	6 3/4	16,927	28,928	40,662	52,657	64,639	76,632	88,634	100,634	112,635
7	7	17,177	29,178	40,912	52,907	64,888	76,882	88,884	100,884	112,885
7 1/4	7 1/4	17,427	29,428	41,162	53,157	65,138	77,132	89,134	101,134	113,135
7 1/2	7 1/2	17,677	29,678	41,412	53,407	65,387	77,382	89,384	101,384	113,385
7 3/4	7 3/4	17,927	29,928	41,662	53,657	65,637	77,632	89,634	101,634	113,635
8	8	18,177	30,178	41,912	53,907	65,886	77,882	89,884	101,884	113,885
8 1/4	8 1/4	18,427	30,428	42,162	54,157	66,136	78,132	90,134	102,134	114,135
8 1/2	8 1/2	18,677	30,678	42,412	54,407	66,385	78,382	90,384	102,384	114,385
8 3/4	8 3/4	18,927	30,928	42,662	54,657	66,634	78,632	90,634	102,634	114,635
9	9	19,177	31,178	42,912	54,907	66,884	78,882	90,884	102,884	114,885
9 1/4	9 1/4	19,427	31,428	43,162	55,157	67,133	79,132	91,134	103,134	115,135
9 1/2	9 1/2	19,677	31,678	43,412	55,407	67,383	79,382	91,384	103,384	115,385
9 3/4	9 3/4	19,927	31,928	43,662	55,657	67,632	79,632	91,634	103,634	115,635
10	10	20,177	32,178	43,912	55,907	67,882	79,882	91,884	103,884	115,885
10 1/4	10 1/4	20,427	32,428	44,162	56,157	68,132	80,132	92,134	104,134	116,135
10 1/2	10 1/2	20,677	32,678	44,412	56,407	68,382	80,382	92,384	104,384	116,385
10 3/4	10 3/4	20,927	32,928	44,662	56,657	68,632	80,632	92,634	104,634	116,635
11	11	21,177	33,178	44,912	56,907	68,882	80,882	92,884	104,884	116,885
11 1/4	11 1/4	21,427	33,428	45,162	57,157	69,132	81,132	93,134	105,134	117,135
11 1/2	11 1/2	21,677	33,678	45,412	57,407	69,382	81,382	93,384	105,384	117,385
11 3/4	11 3/4	21,927	33,928	45,662	57,657	69,632	81,632	93,634	105,634	117,635

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 ONLY APPLIES TO EXTREME HEIGHT OF TANK

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-08" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1970"

1 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-03 1/2"

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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	117,888	0	128,496	0	136,270	0	144,044	0	151,810	0	159,584	0	167,358	0	175,132	0	182,906	0	190,680
1/4	118,138	1/4	128,658	1/4	136,432	1/4	144,206	1/4	151,947	1/4	159,698	1/4	167,449	1/4	175,200	1/4	182,951	1/4	190,702
1/2	118,389	1/2	128,820	1/2	136,594	1/2	144,368	1/2	152,085	1/2	159,812	1/2	167,539	1/2	175,266	1/2	182,993	1/2	190,720
3/4	118,639	3/4	128,982	3/4	136,756	3/4	144,530	3/4	152,222	3/4	160,000	3/4	167,778	3/4	175,556	3/4	183,334	3/4	191,112
1	118,890	1	129,144	1	136,918	1	144,692	1	152,360	1	160,134	1	167,908	1	175,682	1	183,456	1	191,230
1 1/4	119,140	1 1/4	129,306	1 1/4	137,080	1 1/4	144,854	1 1/4	152,475	1 1/4	160,250	1 1/4	168,024	1 1/4	175,798	1 1/4	183,572	1 1/4	191,346
1 1/2	119,391	1 1/2	129,468	1 1/2	137,242	1 1/2	145,016	1 1/2	152,475	1 1/2	160,250	1 1/2	168,024	1 1/2	175,798	1 1/2	183,572	1 1/2	191,346
3/4	119,641	3/4	129,630	3/4	137,404	3/4	145,178	3/4	152,533	3/4	160,305	3/4	168,079	3/4	175,853	3/4	183,627	3/4	191,400
2	119,892	2	129,792	2	137,566	2	145,340	2	152,590	2	160,360	2	168,134	2	175,908	2	183,682	2	191,454
1 1/4	120,143	1 1/4	129,954	1 1/4	137,728	1 1/4	145,502	1 1/4	152,653	1 1/4	160,420	1 1/4	168,194	1 1/4	175,968	1 1/4	183,742	1 1/4	191,508
1 1/2	120,393	1 1/2	130,116	1 1/2	137,890	1 1/2	145,664	1 1/2	152,715	1 1/2	160,480	1 1/2	168,254	1 1/2	176,028	1 1/2	183,802	1 1/2	191,562
3/4	120,644	3/4	130,277	3/4	138,051	3/4	145,826	3/4	152,778	3/4	160,540	3/4	168,314	3/4	176,088	3/4	183,862	3/4	191,616
3	120,894	3	130,439	3	138,213	3	145,987	3	152,841	3	160,600	3	168,374	3	176,148	3	183,922	3	191,670
1 1/4	121,145	1 1/4	130,601	1 1/4	138,375	1 1/4	146,149	1 1/4	152,851	1 1/4	160,660	1 1/4	168,434	1 1/4	176,208	1 1/4	183,976	1 1/4	191,724
1 1/2	121,395	1 1/2	130,763	1 1/2	138,537	1 1/2	146,311	1 1/2	152,911	1 1/2	160,720	1 1/2	168,493	1 1/2	176,262	1 1/2	184,030	1 1/2	191,778
3/4	121,646	3/4	130,925	3/4	138,699	3/4	146,473	3/4	152,970	3/4	160,780	3/4	168,553	3/4	176,316	3/4	184,084	3/4	191,832
4	121,896	4	131,087	4	138,861	4	146,637	4	153,030	4	160,840	4	168,614	4	176,370	4	184,138	4	191,886
1 1/4	122,147	1 1/4	131,249	1 1/4	139,023	1 1/4	146,797	1 1/4	153,090	1 1/4	160,900	1 1/4	168,674	1 1/4	176,424	1 1/4	184,192	1 1/4	191,940
1 1/2	122,397	1 1/2	131,411	1 1/2	139,185	1 1/2	146,959	1 1/2	153,150	1 1/2	160,960	1 1/2	168,734	1 1/2	176,478	1 1/2	184,246	1 1/2	191,994
3/4	122,648	3/4	131,573	3/4	139,347	3/4	147,121	3/4	153,210	3/4	161,020	3/4	168,798	3/4	176,532	3/4	184,300	3/4	192,048
5	122,898	5	131,735	5	139,509	5	147,283	5	153,270	5	161,080	5	168,854	5	176,586	5	184,354	5	192,102
1 1/4	123,149	1 1/4	131,897	1 1/4	139,671	1 1/4	147,445	1 1/4	153,330	1 1/4	161,140	1 1/4	168,914	1 1/4	176,640	1 1/4	184,408	1 1/4	192,156
1 1/2	123,399	1 1/2	132,059	1 1/2	139,833	1 1/2	147,607	1 1/2	153,390	1 1/2	161,200	1 1/2	168,974	1 1/2	176,694	1 1/2	184,462	1 1/2	192,210
3/4	123,650	3/4	132,221	3/4	139,995	3/4	147,769	3/4	153,450	3/4	161,260	3/4	169,034	3/4	176,748	3/4	184,516	3/4	192,264
6	123,900	6	132,383	6	140,157	6	147,931	6	153,510	6	161,320	6	169,094	6	176,802	6	184,570	6	192,318
1 1/4	124,151	1 1/4	132,545	1 1/4	140,319	1 1/4	148,093	1 1/4	153,570	1 1/4	161,380	1 1/4	169,154	1 1/4	176,856	1 1/4	184,624	1 1/4	192,372
1 1/2	124,401	1 1/2	132,707	1 1/2	140,481	1 1/2	148,255	1 1/2	153,630	1 1/2	161,440	1 1/2	169,214	1 1/2	176,910	1 1/2	184,678	1 1/2	192,426
3/4	124,652	3/4	132,869	3/4	140,643	3/4	148,417	3/4	153,690	3/4	161,500	3/4	169,274	3/4	176,964	3/4	184,732	3/4	192,480
7	124,902	7	133,031	7	140,805	7	148,579	7	153,750	7	161,560	7	169,334	7	177,018	7	184,786	7	192,534
1 1/4	125,153	1 1/4	133,193	1 1/4	140,967	1 1/4	148,741	1 1/4	153,810	1 1/4	161,620	1 1/4	169,394	1 1/4	177,072	1 1/4	184,840	1 1/4	192,588
1 1/2	125,404	1 1/2	133,355	1 1/2	141,129	1 1/2	148,903	1 1/2	153,870	1 1/2	161,680	1 1/2	169,454	1 1/2	177,126	1 1/2	184,894	1 1/2	192,642
3/4	125,654	3/4	133,517	3/4	141,291	3/4	149,065	3/4	153,930	3/4	161,740	3/4	169,514	3/4	177,180	3/4	184,948	3/4	192,696
8	125,905	8	133,679	8	141,453	8	149,227	8	154,000	8	161,800	8	169,574	8	177,234	8	185,002	8	192,750
1 1/4	126,067	1 1/4	133,841	1 1/4	141,615	1 1/4	149,389	1 1/4	154,060	1 1/4	161,860	1 1/4	169,634	1 1/4	177,288	1 1/4	185,056	1 1/4	192,804
1 1/2	126,229	1 1/2	134,003	1 1/2	141,777	1 1/2	149,551	1 1/2	154,120	1 1/2	161,920	1 1/2	169,694	1 1/2	177,342	1 1/2	185,110	1 1/2	192,858
3/4	126,390	3/4	134,164	3/4	141,939	3/4	149,713	3/4	154,180	3/4	161,980	3/4	169,754	3/4	177,396	3/4	185,164	3/4	192,912
9	126,552	9	134,326	9	142,100	9	149,874	9	154,240	9	162,040	9	169,814	9	177,450	9	185,218	9	192,966
1 1/4	126,714	1 1/4	134,488	1 1/4	142,262	1 1/4	150,036	1 1/4	154,300	1 1/4	162,100	1 1/4	169,874	1 1/4	177,504	1 1/4	185,272	1 1/4	193,020
1 1/2	126,876	1 1/2	134,650	1 1/2	142,424	1 1/2	150,198	1 1/2	154,360	1 1/2	162,160	1 1/2	169,934	1 1/2	177,558	1 1/2	185,326	1 1/2	193,074
3/4	127,038	3/4	134,812	3/4	142,586	3/4	150,360	3/4	154,420	3/4	162,220	3/4	169,994	3/4	177,612	3/4	185,380	3/4	193,128
10	127,200	10	134,974	10	142,748	10	150,522	10	154,480	10	162,280	10	169,954	10	177,666	10	185,434	10	193,182
1 1/4	127,362	1 1/4	135,136	1 1/4	142,910	1 1/4	150,684	1 1/4	154,540	1 1/4	162,340	1 1/4	169,974	1 1/4	177,720	1 1/4	185,488	1 1/4	193,236
1 1/2	127,524	1 1/2	135,298	1 1/2	143,072	1 1/2	150,845	1 1/2	154,600	1 1/2	162,400	1 1/2	170,034	1 1/2	177,774	1 1/2	185,542	1 1/2	193,290
3/4	127,686	3/4	135,460	3/4	143,234	3/4	151,007	3/4	154,660	3/4	162,460	3/4	170,094	3/4	177,828	3/4	185,596	3/4	193,344
11	127,848	11	135,622	11	143,396	11	151,168	11	154,720	11	162,520	11	170,154	11	177,882	11	185,650	11	193,398
1 1/4	128,010	1 1/4	135,784	1 1/4	143,558	1 1/4	151,329	1 1/4	154,780	1 1/4	162,580	1 1/4	170,214	1 1/4	177,936	1 1/4	185,704	1 1/4	193,452
1 1/2	128,172	1 1/2	135,946	1 1/2	143,720	1 1/2	151,489	1 1/2	154,840	1 1/2	162,640	1 1/2	170,274	1 1/2	177,990	1 1/2	185,758	1 1/2	193,506
3/4	128,334	3/4	136,108	3/4	143,882	3/4	151,649	3/4	154,900	3/4	162,700	3/4	170,334	3/4	178,044	3/4	185,812	3/4	193,560

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2016 CL
 CALCULATED: 05/05/2016 CL
 PRINTED: 05/05/2016 JS
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2016

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "IB 1970"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	26	0	10,098	0	21,622	0	32,976	0	44,388	0	55,912	0	67,436	0	78,960	0	90,484	0	102,008
1/4	66	1/4	10,338	1/4	21,862	1/4	33,209	1/4	44,628	1/4	56,152	1/4	67,676	1/4	79,200	1/4	90,724	1/4	102,248
1/2	106	1/2	10,578	1/2	22,102	1/2	33,442	1/2	44,868	1/2	56,392	1/2	67,916	1/2	79,440	1/2	90,964	1/2	102,488
3/4	146	3/4	10,818	3/4	22,342	3/4	33,675	3/4	45,108	3/4	56,632	3/4	68,156	3/4	79,680	3/4	91,204	3/4	102,728
1	186	1	11,058	1	22,582	1	33,908	1	45,348	1	56,872	1	68,396	1	79,920	1	91,444	1	102,969
1/4	306	1/4	11,298	1/4	22,822	1/4	34,141	1/4	45,588	1/4	57,112	1/4	68,636	1/4	80,160	1/4	91,684	1/4	103,209
1/2	426	1/2	11,538	1/2	23,062	1/2	34,374	1/2	45,828	1/2	57,352	1/2	68,876	1/2	80,400	1/2	91,925	1/2	103,449
3/4	546	3/4	11,778	3/4	23,302	3/4	34,607	3/4	46,068	3/4	57,592	3/4	69,116	3/4	80,641	3/4	92,165	3/4	103,689
2	666	2	12,018	2	23,542	2	34,840	2	46,308	2	57,832	2	69,360	2	80,881	2	92,405	2	103,929
1/4	866	1/4	12,259	1/4	23,782	1/4	35,073	1/4	46,548	1/4	58,072	1/4	69,597	1/4	81,121	1/4	92,645	1/4	104,169
1/2	1,066	1/2	12,499	1/2	24,022	1/2	35,306	1/2	46,788	1/2	58,313	1/2	69,837	1/2	81,361	1/2	92,885	1/2	104,409
3/4	1,266	3/4	12,739	3/4	24,262	3/4	35,539	3/4	47,029	3/4	58,553	3/4	70,077	3/4	81,601	3/4	93,125	3/4	104,649
3	1,466	3	12,979	3	24,502	3	35,772	3	47,269	3	58,783	3	70,317	3	81,841	3	93,365	3	104,889
1/4	1,704	1/4	13,219	1/4	24,743	1/4	36,006	1/4	47,509	1/4	59,033	1/4	70,557	1/4	82,081	1/4	93,605	1/4	105,129
1/2	1,942	1/2	13,459	1/2	24,983	1/2	36,239	1/2	47,749	1/2	59,273	1/2	70,797	1/2	82,321	1/2	93,845	1/2	105,369
3/4	2,180	3/4	13,699	3/4	25,223	3/4	36,472	3/4	47,989	3/4	59,513	3/4	71,037	3/4	82,561	3/4	94,085	3/4	105,609
4	2,418	4	13,939	4	25,463	4	36,705	4	48,229	4	59,753	4	71,277	4	82,801	4	94,325	4	105,850
1/4	2,658	1/4	14,179	1/4	25,703	1/4	36,945	1/4	48,469	1/4	59,993	1/4	71,517	1/4	83,041	1/4	94,566	1/4	106,090
1/2	2,897	1/2	14,419	1/2	25,943	1/2	37,185	1/2	48,709	1/2	60,233	1/2	71,757	1/2	83,281	1/2	94,806	1/2	106,330
3/4	3,137	3/4	14,659	3/4	26,183	3/4	37,425	3/4	48,949	3/4	60,473	3/4	71,997	3/4	83,522	3/4	95,046	3/4	106,570
5	3,376	5	14,899	5	26,423	5	37,665	5	49,189	5	60,713	5	72,238	5	83,762	5	95,286	5	106,810
1/4	3,616	1/4	15,139	1/4	26,663	1/4	37,905	1/4	49,429	1/4	60,954	1/4	72,478	1/4	84,002	1/4	95,526	1/4	107,050
1/2	3,856	1/2	15,380	1/2	26,903	1/2	38,145	1/2	49,669	1/2	61,194	1/2	72,718	1/2	84,242	1/2	95,766	1/2	107,290
3/4	4,096	3/4	15,620	3/4	27,143	3/4	38,385	3/4	49,910	3/4	61,434	3/4	72,958	3/4	84,482	3/4	96,006	3/4	107,530
6	4,336	6	15,860	6	27,383	6	38,626	6	50,150	6	61,674	6	73,198	6	84,722	6	96,246	6	107,770
1/4	4,576	1/4	16,100	1/4	27,616	1/4	38,866	1/4	50,390	1/4	61,914	1/4	73,438	1/4	84,962	1/4	96,486	1/4	108,010
1/2	4,816	1/2	16,340	1/2	27,849	1/2	39,106	1/2	50,630	1/2	62,154	1/2	73,678	1/2	85,202	1/2	96,726	1/2	108,250
3/4	5,056	3/4	16,580	3/4	28,082	3/4	39,346	3/4	50,870	3/4	62,394	3/4	73,918	3/4	85,442	3/4	96,966	3/4	108,490
7	5,297	7	16,820	7	28,315	7	39,586	7	51,110	7	62,634	7	74,158	7	85,682	7	97,206	7	108,731
1/4	5,537	1/4	17,060	1/4	28,548	1/4	39,826	1/4	51,350	1/4	62,874	1/4	74,398	1/4	85,922	1/4	97,447	1/4	108,971
1/2	5,777	1/2	17,300	1/2	28,782	1/2	40,066	1/2	51,590	1/2	63,114	1/2	74,638	1/2	86,163	1/2	97,687	1/2	109,211
3/4	6,017	3/4	17,540	3/4	29,015	3/4	40,306	3/4	51,830	3/4	63,354	3/4	74,878	3/4	86,403	3/4	97,927	3/4	109,451
8	6,257	8	17,780	8	29,248	8	40,546	8	52,070	8	63,594	8	75,119	8	86,643	8	98,167	8	109,691
1/4	6,497	1/4	18,020	1/4	29,481	1/4	40,786	1/4	52,310	1/4	63,835	1/4	75,359	1/4	86,883	1/4	98,407	1/4	109,931
1/2	6,737	1/2	18,260	1/2	29,714	1/2	41,026	1/2	52,551	1/2	64,075	1/2	75,599	1/2	87,123	1/2	98,647	1/2	110,171
3/4	6,977	3/4	18,501	3/4	29,947	3/4	41,266	3/4	52,791	3/4	64,315	3/4	75,839	3/4	87,363	3/4	98,887	3/4	110,411
9	7,217	9	18,741	9	30,180	9	41,507	9	53,031	9	64,555	9	76,079	9	87,603	9	99,127	9	110,651
1/4	7,457	1/4	18,981	1/4	30,413	1/4	41,747	1/4	53,271	1/4	64,795	1/4	76,319	1/4	87,843	1/4	99,367	1/4	110,891
1/2	7,697	1/2	19,221	1/2	30,646	1/2	41,987	1/2	53,511	1/2	65,035	1/2	76,559	1/2	88,083	1/2	99,607	1/2	111,131
3/4	7,937	3/4	19,461	3/4	30,879	3/4	42,227	3/4	53,751	3/4	65,275	3/4	76,799	3/4	88,323	3/4	99,847	3/4	111,372
10	8,177	10	19,701	10	31,112	10	42,467	10	53,991	10	65,515	10	77,039	10	88,563	10	100,087	10	111,612
1/4	8,417	1/4	19,941	1/4	31,345	1/4	42,707	1/4	54,231	1/4	65,755	1/4	77,279	1/4	88,803	1/4	100,328	1/4	111,852
1/2	8,657	1/2	20,181	1/2	31,578	1/2	42,947	1/2	54,471	1/2	65,995	1/2	77,519	1/2	89,044	1/2	100,568	1/2	112,092
3/4	8,897	3/4	20,421	3/4	31,811	3/4	43,187	3/4	54,711	3/4	66,235	3/4	77,760	3/4	89,284	3/4	100,808	3/4	112,332
11	9,138	11	20,661	11	32,044	11	43,427	11	54,951	11	66,471	11	78,000	11	89,524	11	101,048	11	112,572
1/4	9,378	1/4	20,901	1/4	32,277	1/4	43,667	1/4	55,191	1/4	66,716	1/4	78,240	1/4	89,764	1/4	101,288	1/4	112,812
1/2	9,618	1/2	21,141	1/2	32,510	1/2	43,907	1/2	55,432	1/2	66,956	1/2	78,480	1/2	90,004	1/2	101,528	1/2	113,052
3/4	9,858	3/4	21,381	3/4	32,743	3/4	44,147	3/4	55,672	3/4	67,196	3/4	78,720	3/4	90,244	3/4	101,768	3/4	113,292

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS 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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-06" 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.pmacorp.net>



BARGE "IB 1970"

2 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	113,532	0	125,056	0	136,581	0	148,105	0	159,621	0	0	0	0	0	0	0	0	0	0
1/4	113,772	1/4	125,296	1/4	136,821	1/4	148,345	1/4	159,838	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,012	1/2	125,537	1/2	137,061	1/2	148,585	1/2	160,054	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,253	3/4	125,777	3/4	137,301	3/4	148,825	3/4	160,271	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	114,493	1	126,017	1	137,541	1	149,065	1	160,488	1	1	1	1	1	1	1	1	1	1
1/4	114,733	1/4	126,257	1/4	137,781	1/4	149,305	1/4	160,628	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,973	1/2	126,497	1/2	138,021	1/2	149,545	1/2	160,768	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,213	3/4	126,737	3/4	138,261	3/4	149,785	3/4	160,908	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	115,453	2	126,977	2	138,501	2	150,025	2	161,048	2	2	2	2	2	2	2	2	2	2
1/4	115,693	1/4	127,217	1/4	138,741	1/4	150,265	1/4	161,108	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,933	1/2	127,457	1/2	138,981	1/2	150,506	1/2	161,168	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	116,173	3/4	127,697	3/4	139,221	3/4	150,746	3/4	161,228	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	116,413	3	127,937	3	139,462	3	150,986	3	161,288	3	3	3	3	3	3	3	3	3	3
1/4	116,653	1/4	128,178	1/4	139,702	1/4	151,226	1/4	161,298	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	116,893	1/2	128,418	1/2	139,942	1/2	151,466	1/2	161,308	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117,134	3/4	128,658	3/4	140,182	3/4	151,706	3/4	161,318	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	117,374	4	128,898	4	140,422	4	151,946	4	161,328	4	4	4	4	4	4	4	4	4	4
1/4	117,614	1/4	129,138	1/4	140,662	1/4	152,186	1/4	161,338	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,854	1/2	129,378	1/2	140,902	1/2	152,426	1/2	161,348	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,094	3/4	129,618	3/4	141,142	3/4	152,666	3/4	161,358	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	118,334	5	129,858	5	141,382	5	152,906	5	161,368	5	5	5	5	5	5	5	5	5	5
1/4	118,574	1/4	130,098	1/4	141,622	1/4	153,146	1/4	161,378	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,814	1/2	130,338	1/2	141,862	1/2	153,386	1/2	161,388	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,054	3/4	130,578	3/4	142,103	3/4	153,627	3/4	161,398	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	119,294	6	130,818	6	142,343	6	153,867	6	161,408	6	6	6	6	6	6	6	6	6	6
1/4	119,534	1/4	131,059	1/4	142,583	1/4	154,107	1/4	161,418	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,775	1/2	131,299	1/2	142,823	1/2	154,347	1/2	161,428	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,015	3/4	131,539	3/4	143,063	3/4	154,587	3/4	161,438	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	120,255	7	131,779	7	143,303	7	154,827	7	161,448	7	7	7	7	7	7	7	7	7	7
1/4	120,495	1/4	132,019	1/4	143,543	1/4	155,067	1/4	161,458	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,735	1/2	132,259	1/2	143,783	1/2	155,307	1/2	161,468	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,975	3/4	132,499	3/4	144,023	3/4	155,547	3/4	161,478	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	121,215	8	132,739	8	144,263	8	155,787	8	161,488	8	8	8	8	8	8	8	8	8	8
1/4	121,455	1/4	132,979	1/4	144,503	1/4	156,027	1/4	161,498	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,695	1/2	133,219	1/2	144,743	1/2	156,268	1/2	161,508	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,935	3/4	133,459	3/4	144,984	3/4	156,508	3/4	161,518	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	122,175	9	133,700	9	145,224	9	156,748	9	161,528	9	9	9	9	9	9	9	9	9	9
1/4	122,415	1/4	133,940	1/4	145,464	1/4	156,988	1/4	161,538	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,655	1/2	134,180	1/2	145,704	1/2	157,228	1/2	161,548	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,895	3/4	134,420	3/4	145,944	3/4	157,468	3/4	161,558	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	123,135	10	134,660	10	146,184	10	157,708	10	161,568	10	10	10	10	10	10	10	10	10	10
1/4	123,375	1/4	134,900	1/4	146,424	1/4	157,948	1/4	161,578	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,615	1/2	135,140	1/2	146,664	1/2	158,188	1/2	161,588	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,855	3/4	135,380	3/4	146,904	3/4	158,428	3/4	161,598	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	124,095	11	135,620	11	147,144	11	158,667	11	161,608	11	11	11	11	11	11	11	11	11	11
1/4	124,335	1/4	135,860	1/4	147,384	1/4	158,907	1/4	161,618	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,575	1/2	136,100	1/2	147,624	1/2	159,147	1/2	161,628	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,815	3/4	136,340	3/4	147,865	3/4	159,387	3/4	161,638	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2016 CL
 CALCULATED: 05/05/2016 CL
 PRINTED: 05/06/2016 JS
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2016

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



BARGE "IB 1970"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	26	0	10,018	0	21,451	0	32,872	0	44,298	0	55,731	0	67,164	0	78,597	0	90,030	0	101,463
1/4	66	1/4	10,256	1/4	21,689	1/4	33,110	1/4	44,537	1/4	55,969	1/4	67,402	1/4	78,835	1/4	90,268	1/4	101,701
1/2	106	1/2	10,494	1/2	21,927	1/2	33,348	1/2	44,775	1/2	56,208	1/2	67,640	1/2	79,073	1/2	90,506	1/2	101,939
3/4	145	3/4	10,733	3/4	22,165	3/4	33,585	3/4	45,017	3/4	56,446	3/4	67,879	3/4	79,312	3/4	90,744	3/4	102,177
1	185	1	10,971	1	22,403	1	33,823	1	45,251	1	56,684	1	68,117	1	79,550	1	90,983	1	102,415
1/4	304	1/4	11,209	1/4	22,641	1/4	34,061	1/4	45,489	1/4	56,922	1/4	68,355	1/4	79,788	1/4	91,221	1/4	102,654
1/2	423	1/2	11,447	1/2	22,880	1/2	34,299	1/2	45,727	1/2	57,160	1/2	68,593	1/2	80,026	1/2	91,459	1/2	102,892
3/4	542	3/4	11,685	3/4	23,118	3/4	34,536	3/4	45,966	3/4	57,399	3/4	68,831	3/4	80,264	3/4	91,697	3/4	103,130
1	661	1	11,924	1	23,356	1	34,774	1	46,204	1	57,637	1	69,070	1	80,502	1	91,935	1	103,368
1/4	860	1/4	12,162	1/4	23,594	1/4	35,012	1/4	46,442	1/4	57,875	1/4	69,308	1/4	80,741	1/4	92,173	1/4	103,606
1/2	1,058	1/2	12,400	1/2	23,832	1/2	35,250	1/2	46,680	1/2	58,113	1/2	69,546	1/2	80,979	1/2	92,412	1/2	103,845
3/4	1,257	3/4	12,638	3/4	24,070	3/4	35,488	3/4	46,918	3/4	58,351	3/4	69,784	3/4	81,217	3/4	92,650	3/4	104,083
1	1,455	1	12,876	1	24,309	1	35,725	1	47,157	1	58,589	1	70,022	1	81,455	1	92,888	1	104,321
1/4	1,691	1/4	13,114	1/4	24,547	1/4	35,963	1/4	47,395	1/4	58,828	1/4	70,260	1/4	81,693	1/4	93,126	1/4	104,559
1/2	1,927	1/2	13,353	1/2	24,785	1/2	36,201	1/2	47,633	1/2	59,066	1/2	70,499	1/2	81,932	1/2	93,364	1/2	104,797
3/4	2,163	3/4	13,591	3/4	25,023	3/4	36,439	3/4	47,871	3/4	59,304	3/4	70,737	3/4	82,170	3/4	93,603	3/4	105,035
1	2,399	1	13,829	1	25,261	1	36,676	1	48,109	1	59,542	1	70,975	1	82,408	1	93,841	1	105,274
1/4	2,637	1/4	14,067	1/4	25,500	1/4	36,915	1/4	48,348	1/4	59,780	1/4	71,213	1/4	82,646	1/4	94,079	1/4	105,512
1/2	2,875	1/2	14,305	1/2	25,738	1/2	37,153	1/2	48,586	1/2	60,019	1/2	71,451	1/2	82,884	1/2	94,317	1/2	105,750
3/4	3,112	3/4	14,543	3/4	25,976	3/4	37,391	3/4	48,824	3/4	60,257	3/4	71,690	3/4	83,122	3/4	94,555	3/4	105,988
1	3,350	1	14,782	1	26,214	1	37,629	1	49,062	1	60,495	1	71,928	1	83,361	1	94,794	1	106,226
1/4	3,588	1/4	15,020	1/4	26,452	1/4	37,867	1/4	49,300	1/4	60,733	1/4	72,166	1/4	83,599	1/4	95,032	1/4	106,465
1/2	3,826	1/2	15,258	1/2	26,690	1/2	38,106	1/2	49,538	1/2	60,971	1/2	72,404	1/2	83,837	1/2	95,270	1/2	106,703
3/4	4,064	3/4	15,496	3/4	26,929	3/4	38,344	3/4	49,777	3/4	61,209	3/4	72,642	3/4	84,075	3/4	95,508	3/4	106,941
1	4,302	1	15,734	1	27,167	1	38,582	1	50,015	1	61,448	1	72,881	1	84,313	1	95,746	1	107,179
1/4	4,540	1/4	15,973	1/4	27,404	1/4	38,820	1/4	50,253	1/4	61,686	1/4	73,119	1/4	84,552	1/4	95,984	1/4	107,417
1/2	4,778	1/2	16,211	1/2	27,642	1/2	39,058	1/2	50,491	1/2	61,924	1/2	73,357	1/2	84,790	1/2	96,223	1/2	107,655
3/4	5,017	3/4	16,449	3/4	27,880	3/4	39,296	3/4	50,729	3/4	62,162	3/4	73,595	3/4	85,028	3/4	96,461	3/4	107,894
1	5,255	1	16,687	1	28,118	1	39,533	1	50,968	1	62,400	1	73,833	1	85,266	1	96,699	1	108,132
1/4	5,493	1/4	16,925	1/4	28,355	1/4	39,773	1/4	51,206	1/4	62,639	1/4	74,071	1/4	85,504	1/4	96,937	1/4	108,370
1/2	5,731	1/2	17,163	1/2	28,593	1/2	40,011	1/2	51,444	1/2	62,877	1/2	74,310	1/2	85,742	1/2	97,175	1/2	108,608
3/4	5,969	3/4	17,402	3/4	28,831	3/4	40,249	3/4	51,682	3/4	63,115	3/4	74,548	3/4	85,981	3/4	97,414	3/4	108,846
1	6,207	1	17,640	1	29,069	1	40,487	1	51,920	1	63,353	1	74,786	1	86,219	1	97,652	1	109,085
1/4	6,446	1/4	17,878	1/4	29,306	1/4	40,726	1/4	52,158	1/4	63,591	1/4	75,024	1/4	86,457	1/4	97,890	1/4	109,323
1/2	6,684	1/2	18,116	1/2	29,544	1/2	40,964	1/2	52,397	1/2	63,830	1/2	75,262	1/2	86,695	1/2	98,128	1/2	109,561
3/4	6,922	3/4	18,354	3/4	29,782	3/4	41,202	3/4	52,635	3/4	64,068	3/4	75,501	3/4	86,933	3/4	98,366	3/4	109,799
1	7,160	1	18,592	1	30,020	1	41,440	1	52,873	1	64,306	1	75,739	1	87,172	1	98,604	1	110,037
1/4	7,398	1/4	18,831	1/4	30,257	1/4	41,678	1/4	53,111	1/4	64,544	1/4	75,977	1/4	87,410	1/4	98,843	1/4	110,276
1/2	7,636	1/2	19,069	1/2	30,495	1/2	41,917	1/2	53,349	1/2	64,782	1/2	76,215	1/2	87,648	1/2	99,081	1/2	110,514
3/4	7,875	3/4	19,307	3/4	30,733	3/4	42,155	3/4	53,588	3/4	65,020	3/4	76,453	3/4	87,886	3/4	99,319	3/4	110,752
1	8,113	1	19,545	1	30,970	1	42,393	1	53,826	1	65,259	1	76,691	1	88,124	1	99,557	1	110,990
1/4	8,351	1/4	19,783	1/4	31,208	1/4	42,631	1/4	54,064	1/4	65,497	1/4	76,930	1/4	88,363	1/4	99,795	1/4	111,228
1/2	8,589	1/2	20,021	1/2	31,446	1/2	42,869	1/2	54,302	1/2	65,735	1/2	77,168	1/2	88,601	1/2	100,034	1/2	111,466
3/4	8,827	3/4	20,260	3/4	31,684	3/4	43,107	3/4	54,540	3/4	65,973	3/4	77,406	3/4	88,839	3/4	100,272	3/4	111,705
1	9,065	1	20,498	1	31,921	1	43,346	1	54,778	1	66,211	1	77,644	1	89,077	1	100,510	1	111,943
1/4	9,304	1/4	20,736	1/4	32,159	1/4	43,584	1/4	55,017	1/4	66,450	1/4	77,882	1/4	89,315	1/4	100,748	1/4	112,181
1/2	9,542	1/2	20,974	1/2	32,397	1/2	43,822	1/2	55,255	1/2	66,688	1/2	78,121	1/2	89,553	1/2	100,986	1/2	112,419
3/4	9,780	3/4	21,212	3/4	32,635	3/4	44,060	3/4	55,493	3/4	66,926	3/4	78,359	3/4	89,792	3/4	101,224	3/4	112,657

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 ONLY APPLIES 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'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1970"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	112,896	0	124,328	0	135,761	0	147,194	0	158,619	0	170,044	0	181,469	0	192,894	0	204,319	0	215,744
1/4	113,134	1/4	124,567	1/4	135,999	1/4	147,432	1/4	158,834	1/4	170,267	1/4	181,669	1/4	193,102	1/4	204,535	1/4	215,968
1/2	113,372	1/2	124,805	1/2	136,238	1/2	147,670	1/2	159,049	1/2	170,430	1/2	181,809	1/2	193,188	1/2	204,567	1/2	215,946
3/4	113,610	3/4	125,043	3/4	136,476	3/4	147,909	3/4	159,264	3/4	170,676	3/4	182,055	3/4	193,434	3/4	204,813	3/4	216,182
1	113,848	1	125,281	1	136,714	1	148,147	1	159,479	1	170,811	1	182,190	1	193,569	1	204,948	1	216,320
1/4	114,086	1/4	125,519	1/4	136,952	1/4	148,385	1/4	159,618	1/4	171,044	1/4	182,423	1/4	193,802	1/4	205,181	1/4	216,552
1/2	114,325	1/2	125,758	1/2	137,190	1/2	148,623	1/2	159,757	1/2	171,282	1/2	182,661	1/2	194,040	1/2	205,419	1/2	216,784
3/4	114,563	3/4	125,996	3/4	137,429	3/4	148,861	3/4	159,896	3/4	171,524	3/4	182,900	3/4	194,282	3/4	205,657	3/4	217,016
2	114,801	2	126,234	2	137,667	2	149,100	2	160,035	2	171,766	2	183,145	2	194,524	2	205,895	2	217,248
1/4	115,039	1/4	126,472	1/4	137,905	1/4	149,338	1/4	160,094	1/4	171,814	1/4	183,194	1/4	194,573	1/4	206,034	1/4	217,480
1/2	115,277	1/2	126,710	1/2	138,143	1/2	149,576	1/2	160,154	1/2	171,974	1/2	183,254	1/2	194,633	1/2	206,094	1/2	217,712
3/4	115,516	3/4	126,948	3/4	138,381	3/4	149,814	3/4	160,213	3/4	172,114	3/4	183,314	3/4	194,693	3/4	206,154	3/4	217,944
3	115,754	3	127,187	3	138,619	3	150,052	3	160,273	3	172,273	3	183,373	3	194,753	3	206,214	3	218,176
1/4	115,992	1/4	127,425	1/4	138,858	1/4	150,291	1/4	160,283	1/4	172,333	1/4	183,433	1/4	194,813	1/4	206,274	1/4	218,408
1/2	116,230	1/2	127,663	1/2	139,096	1/2	150,529	1/2	160,295	1/2	172,393	1/2	183,493	1/2	194,873	1/2	206,334	1/2	218,640
3/4	116,468	3/4	127,901	3/4	139,334	3/4	150,767	3/4	160,307	3/4	172,453	3/4	183,553	3/4	194,933	3/4	206,394	3/4	218,872
4	116,706	4	128,139	4	139,572	4	151,005	4	160,319	4	172,513	4	183,613	4	195,000	4	206,454	4	219,104
1/4	116,945	1/4	128,378	1/4	139,810	1/4	151,243	1/4	160,331	1/4	172,573	1/4	183,673	1/4	195,060	1/4	206,514	1/4	219,336
1/2	117,183	1/2	128,616	1/2	140,049	1/2	151,481	1/2	160,343	1/2	172,633	1/2	183,733	1/2	195,120	1/2	206,574	1/2	219,568
3/4	117,421	3/4	128,854	3/4	140,287	3/4	151,720	3/4	160,355	3/4	172,693	3/4	183,793	3/4	195,180	3/4	206,634	3/4	219,800
5	117,659	5	129,092	5	140,525	5	151,958	5	160,367	5	172,753	5	183,853	5	195,240	5	206,694	5	220,032
1/4	117,897	1/4	129,330	1/4	140,763	1/4	152,196	1/4	160,379	1/4	172,813	1/4	183,913	1/4	195,300	1/4	206,754	1/4	220,264
1/2	118,136	1/2	129,568	1/2	141,001	1/2	152,434	1/2	160,391	1/2	172,873	1/2	183,973	1/2	195,360	1/2	206,814	1/2	220,496
3/4	118,374	3/4	129,807	3/4	141,240	3/4	152,672	3/4	160,403	3/4	172,933	3/4	184,033	3/4	195,420	3/4	206,874	3/4	220,728
6	118,612	6	130,045	6	141,478	6	152,911	6	160,415	6	172,993	6	184,093	6	195,480	6	206,934	6	220,960
1/4	118,850	1/4	130,283	1/4	141,716	1/4	153,149	1/4	160,427	1/4	173,053	1/4	184,153	1/4	195,540	1/4	207,000	1/4	221,192
1/2	119,088	1/2	130,521	1/2	141,954	1/2	153,387	1/2	160,439	1/2	173,113	1/2	184,213	1/2	195,600	1/2	207,060	1/2	221,424
3/4	119,327	3/4	130,759	3/4	142,192	3/4	153,625	3/4	160,451	3/4	173,173	3/4	184,273	3/4	195,660	3/4	207,120	3/4	221,656
7	119,565	7	130,998	7	142,430	7	153,863	7	160,463	7	173,233	7	184,333	7	195,720	7	207,180	7	221,888
1/4	119,803	1/4	131,236	1/4	142,669	1/4	154,101	1/4	160,475	1/4	173,293	1/4	184,393	1/4	195,780	1/4	207,240	1/4	222,120
1/2	120,041	1/2	131,474	1/2	142,907	1/2	154,340	1/2	160,487	1/2	173,353	1/2	184,453	1/2	195,840	1/2	207,300	1/2	222,352
3/4	120,279	3/4	131,712	3/4	143,145	3/4	154,578	3/4	160,499	3/4	173,413	3/4	184,513	3/4	195,900	3/4	207,360	3/4	222,584
8	120,517	8	131,950	8	143,383	8	154,816	8	160,511	8	173,473	8	184,573	8	195,960	8	207,420	8	222,816
1/4	120,756	1/4	132,188	1/4	143,621	1/4	155,054	1/4	160,523	1/4	173,533	1/4	184,633	1/4	196,020	1/4	207,480	1/4	223,048
1/2	120,994	1/2	132,427	1/2	143,860	1/2	155,292	1/2	160,535	1/2	173,593	1/2	184,693	1/2	196,080	1/2	207,540	1/2	223,280
3/4	121,232	3/4	132,665	3/4	144,098	3/4	155,531	3/4	160,547	3/4	173,653	3/4	184,753	3/4	196,140	3/4	207,600	3/4	223,512
9	121,470	9	132,903	9	144,336	9	155,769	9	160,559	9	173,713	9	184,813	9	196,200	9	207,660	9	223,744
1/4	121,708	1/4	133,141	1/4	144,574	1/4	156,007	1/4	160,571	1/4	173,773	1/4	184,873	1/4	196,260	1/4	207,720	1/4	223,976
1/2	121,947	1/2	133,379	1/2	144,812	1/2	156,245	1/2	160,583	1/2	173,833	1/2	184,933	1/2	196,320	1/2	207,780	1/2	224,208
3/4	122,185	3/4	133,618	3/4	145,050	3/4	156,483	3/4	160,595	3/4	173,893	3/4	185,000	3/4	196,380	3/4	207,840	3/4	224,440
10	122,423	10	133,856	10	145,289	10	156,721	10	160,607	10	173,953	10	185,060	10	196,440	10	207,900	10	224,672
1/4	122,661	1/4	134,094	1/4	145,527	1/4	156,959	1/4	160,619	1/4	174,013	1/4	185,120	1/4	196,500	1/4	207,960	1/4	224,904
1/2	122,899	1/2	134,332	1/2	145,766	1/2	157,197	1/2	160,631	1/2	174,073	1/2	185,180	1/2	196,560	1/2	208,020	1/2	225,136
3/4	123,137	3/4	134,570	3/4	146,003	3/4	157,435	3/4	160,643	3/4	174,133	3/4	185,240	3/4	196,620	3/4	208,080	3/4	225,368
11	123,376	11	134,809	11	146,241	11	157,673	11	160,655	11	174,193	11	185,300	11	196,680	11	208,140	11	225,600
1/4	123,614	1/4	135,047	1/4	146,480	1/4	157,909	1/4	160,667	1/4	174,253	1/4	185,360	1/4	196,740	1/4	208,200	1/4	225,832
1/2	123,852	1/2	135,285	1/2	146,718	1/2	158,146	1/2	160,679	1/2	174,313	1/2	185,420	1/2	196,800	1/2	208,260	1/2	226,064
3/4	124,090	3/4	135,523	3/4	146,956	3/4	158,384	3/4	160,691	3/4	174,373	3/4	185,480	3/4	196,860	3/4	208,320	3/4	226,296

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2016 CL
 CALCULATED: 05/05/2016 CL
 PRINTED: 05/06/2016 JS
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2016

PRECISION MEASUREMENT
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