



BARGE "IB 1968"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
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"

March 17, 2016

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

<http://www.pmacorp.net>



BARGE "IB 1968"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	10,193	0	22,216	0	34,078	0	45,990	0	58,006	0	70,004	0	82,026	0	94,048	0	106,069
1/4	68	1/4	10,444	1/4	22,467	1/4	34,322	1/4	46,240	1/4	58,255	1/4	70,254	1/4	82,276	1/4	94,298	1/4	106,320
1/2	110	1/2	10,694	1/2	22,717	1/2	34,566	1/2	46,490	1/2	58,505	1/2	70,505	1/2	82,527	1/2	94,549	1/2	106,570
3/4	152	3/4	10,945	3/4	22,967	3/4	34,810	3/4	46,741	3/4	58,755	3/4	70,755	3/4	82,777	3/4	94,799	3/4	106,821
1	194	1	11,195	1	23,218	1	35,053	1	46,991	1	59,005	1	71,006	1	83,028	1	95,050	1	107,071
1/4	286	1/4	11,446	1/4	23,468	1/4	35,297	1/4	47,241	1/4	59,255	1/4	71,256	1/4	83,278	1/4	95,300	1/4	107,322
1/2	378	1/2	11,696	1/2	23,719	1/2	35,541	1/2	47,492	1/2	59,505	1/2	71,507	1/2	83,529	1/2	95,550	1/2	107,572
3/4	470	3/4	11,947	3/4	23,969	3/4	35,785	3/4	47,742	3/4	59,755	3/4	71,757	3/4	83,779	3/4	95,801	3/4	107,823
2	562	2	12,197	2	24,220	2	36,028	2	47,992	2	60,005	2	72,007	2	84,030	2	96,051	2	108,073
1/4	727	1/4	12,448	1/4	24,470	1/4	36,272	1/4	48,243	1/4	60,254	1/4	72,258	1/4	84,280	1/4	96,302	1/4	108,324
1/2	891	1/2	12,698	1/2	24,721	1/2	36,516	1/2	48,493	1/2	60,504	1/2	72,508	1/2	84,531	1/2	96,552	1/2	108,574
3/4	1,056	3/4	12,949	3/4	24,971	3/4	36,760	3/4	48,743	3/4	60,754	3/4	72,759	3/4	84,781	3/4	96,803	3/4	108,824
3	1,221	3	13,199	3	25,222	3	37,004	3	48,994	3	61,004	3	73,009	3	85,031	3	97,053	3	109,075
1/4	1,458	1/4	13,450	1/4	25,472	1/4	37,248	1/4	49,244	1/4	61,254	1/4	73,260	1/4	85,282	1/4	97,303	1/4	109,325
1/2	1,696	1/2	13,700	1/2	25,723	1/2	37,491	1/2	49,494	1/2	61,504	1/2	73,510	1/2	85,532	1/2	97,554	1/2	109,576
3/4	1,934	3/4	13,951	3/4	25,973	3/4	37,735	3/4	49,745	3/4	61,754	3/4	73,761	3/4	85,783	3/4	97,804	3/4	109,826
4	2,171	4	14,201	4	26,224	4	37,979	4	49,995	4	62,003	4	74,011	4	86,033	4	98,055	4	110,077
1/4	2,422	1/4	14,451	1/4	26,474	1/4	38,229	1/4	50,245	1/4	62,253	1/4	74,262	1/4	86,284	1/4	98,305	1/4	110,327
1/2	2,672	1/2	14,702	1/2	26,725	1/2	38,480	1/2	50,496	1/2	62,503	1/2	74,512	1/2	86,534	1/2	98,556	1/2	110,578
3/4	2,922	3/4	14,952	3/4	26,975	3/4	38,730	3/4	50,746	3/4	62,753	3/4	74,763	3/4	86,785	3/4	98,806	3/4	110,828
5	3,173	5	15,203	5	27,225	5	38,980	5	50,996	5	63,003	5	75,013	5	87,035	5	99,056	5	111,079
1/4	3,424	1/4	15,453	1/4	27,476	1/4	39,231	1/4	51,247	1/4	63,253	1/4	75,263	1/4	87,286	1/4	99,307	1/4	111,329
1/2	3,675	1/2	15,704	1/2	27,726	1/2	39,481	1/2	51,497	1/2	63,503	1/2	75,514	1/2	87,536	1/2	99,557	1/2	111,580
3/4	3,925	3/4	15,954	3/4	27,977	3/4	39,731	3/4	51,747	3/4	63,752	3/4	75,764	3/4	87,787	3/4	99,808	3/4	111,830
6	4,176	6	16,205	6	28,227	6	39,982	6	51,998	6	64,002	6	76,015	6	88,037	6	100,058	6	112,080
1/4	4,427	1/4	16,455	1/4	28,471	1/4	40,232	1/4	52,248	1/4	64,252	1/4	76,265	1/4	88,287	1/4	100,309	1/4	112,331
1/2	4,678	1/2	16,706	1/2	28,715	1/2	40,482	1/2	52,498	1/2	64,502	1/2	76,516	1/2	88,538	1/2	100,559	1/2	112,581
3/4	4,929	3/4	16,956	3/4	28,959	3/4	40,733	3/4	52,749	3/4	64,752	3/4	76,766	3/4	88,788	3/4	100,810	3/4	112,832
7	5,180	7	17,207	7	29,202	7	40,983	7	52,999	7	65,002	7	77,017	7	89,039	7	101,060	7	113,082
1/4	5,431	1/4	17,457	1/4	29,446	1/4	41,233	1/4	53,249	1/4	65,252	1/4	77,267	1/4	89,289	1/4	101,311	1/4	113,333
1/2	5,682	1/2	17,708	1/2	29,690	1/2	41,484	1/2	53,500	1/2	65,501	1/2	77,518	1/2	89,540	1/2	101,561	1/2	113,583
3/4	5,932	3/4	17,958	3/4	29,934	3/4	41,734	3/4	53,750	3/4	65,751	3/4	77,768	3/4	89,790	3/4	101,812	3/4	113,834
8	6,183	8	18,209	8	30,178	8	41,984	8	54,000	8	66,001	8	78,019	8	90,041	8	102,062	8	114,084
1/4	6,434	1/4	18,459	1/4	30,421	1/4	42,235	1/4	54,251	1/4	66,251	1/4	78,269	1/4	90,291	1/4	102,312	1/4	114,335
1/2	6,684	1/2	18,709	1/2	30,665	1/2	42,485	1/2	54,501	1/2	66,501	1/2	78,519	1/2	90,542	1/2	102,563	1/2	114,585
3/4	6,935	3/4	18,960	3/4	30,909	3/4	42,735	3/4	54,751	3/4	66,751	3/4	78,770	3/4	90,792	3/4	102,813	3/4	114,836
9	7,185	9	19,210	9	31,153	9	42,986	9	55,002	9	67,001	9	79,020	9	91,043	9	103,064	9	115,086
1/4	7,436	1/4	19,461	1/4	31,397	1/4	43,236	1/4	55,252	1/4	67,250	1/4	79,271	1/4	91,293	1/4	103,314	1/4	115,336
1/2	7,687	1/2	19,711	1/2	31,640	1/2	43,486	1/2	55,502	1/2	67,500	1/2	79,521	1/2	91,543	1/2	103,565	1/2	115,587
3/4	7,938	3/4	19,962	3/4	31,884	3/4	43,737	3/4	55,753	3/4	67,750	3/4	79,772	3/4	91,794	3/4	103,815	3/4	115,837
10	8,189	10	20,212	10	32,128	10	43,987	10	56,003	10	68,000	10	80,022	10	92,044	10	104,066	10	116,088
1/4	8,439	1/4	20,463	1/4	32,372	1/4	44,237	1/4	56,253	1/4	68,251	1/4	80,273	1/4	92,295	1/4	104,316	1/4	116,338
1/2	8,690	1/2	20,713	1/2	32,615	1/2	44,488	1/2	56,504	1/2	68,501	1/2	80,523	1/2	92,545	1/2	104,567	1/2	116,589
3/4	8,941	3/4	20,964	3/4	32,859	3/4	44,738	3/4	56,754	3/4	68,751	3/4	80,774	3/4	92,796	3/4	104,817	3/4	116,839
11	9,191	11	21,214	11	33,103	11	44,988	11	57,004	11	69,002	11	81,024	11	93,046	11	105,068	11	117,090
1/4	9,442	1/4	21,465	1/4	33,347	1/4	45,239	1/4	57,255	1/4	69,252	1/4	81,275	1/4	93,296	1/4	105,318	1/4	117,341
1/2	9,692	1/2	21,715	1/2	33,591	1/2	45,489	1/2	57,505	1/2	69,503	1/2	81,525	1/2	93,547	1/2	105,568	1/2	117,592
3/4	9,943	3/4	21,966	3/4	33,834	3/4	45,739	3/4	57,755	3/4	69,753	3/4	81,775	3/4	93,797	3/4	105,819	3/4	117,843

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 32'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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 Pearland, Texas 77588
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BARGE "IB 1968"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	118,094	0	128,720	0	136,508	0	144,295	0	152,075	0		0		0		0		0	
1/4	118,344	1/4	128,882	1/4	136,670	1/4	144,458	1/4	152,212	1/4		1/4		1/4		1/4		1/4	
1/2	118,595	1/2	129,045	1/2	136,832	1/2	144,620	1/2	152,350	1/2		1/2		1/2		1/2		1/2	
3/4	118,846	3/4	129,207	3/4	136,994	3/4	144,782	3/4	152,488	3/4		3/4		3/4		3/4		3/4	
1	119,097	1	129,369	1	137,157	1	144,944	1	152,626	1		1		1		1		1	
1/4	119,348	1/4	129,531	1/4	137,319	1/4	145,107	1/4	152,684	1/4		1/4		1/4		1/4		1/4	
1/2	119,599	1/2	129,694	1/2	137,481	1/2	145,269	1/2	152,741	1/2		1/2		1/2		1/2		1/2	
3/4	119,850	3/4	129,856	3/4	137,643	3/4	145,431	3/4	152,799	3/4		3/4		3/4		3/4		3/4	
2	120,101	2	130,018	2	137,806	2	145,593	2	152,857	2		2		2		2		2	
1/4	120,352	1/4	130,180	1/4	137,968	1/4	145,756	1/4	152,919	1/4		1/4		1/4		1/4		1/4	
1/2	120,603	1/2	130,343	1/2	138,130	1/2	145,918	1/2	152,982	1/2		1/2		1/2		1/2		1/2	
3/4	120,854	3/4	130,505	3/4	138,292	3/4	146,080	3/4	153,045	3/4		3/4		3/4		3/4		3/4	
3	121,105	3	130,667	3	138,455	3	146,242	3	153,107	3		3		3		3		3	
1/4	121,356	1/4	130,829	1/4	138,617	1/4	146,404	1/4	153,118	1/4		1/4		1/4		1/4		1/4	
1/2	121,607	1/2	130,992	1/2	138,779	1/2	146,567	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,858	3/4	131,154	3/4	138,941	3/4	146,729	3/4		3/4		3/4		3/4		3/4		3/4	
4	122,109	4	131,316	4	139,104	4	146,891	4		4		4		4		4		4	
1/4	122,360	1/4	131,478	1/4	139,266	1/4	147,053	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,611	1/2	131,641	1/2	139,428	1/2	147,216	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,862	3/4	131,803	3/4	139,590	3/4	147,378	3/4		3/4		3/4		3/4		3/4		3/4	
5	123,113	5	131,965	5	139,753	5	147,540	5		5		5		5		5		5	
1/4	123,364	1/4	132,127	1/4	139,915	1/4	147,702	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,615	1/2	132,289	1/2	140,077	1/2	147,865	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,866	3/4	132,452	3/4	140,239	3/4	148,027	3/4		3/4		3/4		3/4		3/4		3/4	
6	124,117	6	132,614	6	140,402	6	148,189	6		6		6		6		6		6	
1/4	124,368	1/4	132,776	1/4	140,564	1/4	148,351	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,619	1/2	132,938	1/2	140,726	1/2	148,514	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,869	3/4	133,101	3/4	140,888	3/4	148,676	3/4		3/4		3/4		3/4		3/4		3/4	
7	125,120	7	133,263	7	141,051	7	148,838	7		7		7		7		7		7	
1/4	125,371	1/4	133,425	1/4	141,213	1/4	149,000	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,622	1/2	133,587	1/2	141,375	1/2	149,163	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,873	3/4	133,750	3/4	141,537	3/4	149,325	3/4		3/4		3/4		3/4		3/4		3/4	
8	126,124	8	133,912	8	141,699	8	149,487	8		8		8		8		8		8	
1/4	126,287	1/4	134,074	1/4	141,862	1/4	149,649	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,449	1/2	134,236	1/2	142,024	1/2	149,812	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,611	3/4	134,399	3/4	142,186	3/4	149,974	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,773	9	134,561	9	142,348	9	150,136	9		9		9		9		9		9	
1/4	126,936	1/4	134,723	1/4	142,511	1/4	150,298	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,098	1/2	134,885	1/2	142,673	1/2	150,460	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,260	3/4	135,048	3/4	142,835	3/4	150,623	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,422	10	135,210	10	142,997	10	150,785	10		10		10		10		10		10	
1/4	127,584	1/4	135,372	1/4	143,160	1/4	150,947	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,747	1/2	135,534	1/2	143,322	1/2	151,108	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,909	3/4	135,697	3/4	143,484	3/4	151,270	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,071	11	135,859	11	143,646	11	151,432	11		11		11		11		11		11	
1/4	128,233	1/4	136,021	1/4	143,809	1/4	151,593	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,396	1/2	136,183	1/2	143,971	1/2	151,753	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,558	3/4	136,346	3/4	144,133	3/4	151,914	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2016 CL
CALCULATED: 03/17/2016 CL
PRINTED: 03/18/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

PRECISION MEASUREMENT
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BARGE "IB 1968"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	10,103	0	21,633	0	32,993	0	44,410	0	55,940	0	67,470	0	79,000	0	90,530	0	102,060
1/4	66	1/4	10,343	1/4	21,873	1/4	33,226	1/4	44,650	1/4	56,180	1/4	67,710	1/4	79,240	1/4	90,770	1/4	102,300
1/2	106	1/2	10,583	1/2	22,113	1/2	33,459	1/2	44,891	1/2	56,421	1/2	67,951	1/2	79,481	1/2	91,010	1/2	102,540
3/4	146	3/4	10,824	3/4	22,353	3/4	33,692	3/4	45,131	3/4	56,661	3/4	68,191	3/4	79,721	3/4	91,251	3/4	102,781
1	186	1	11,064	1	22,593	1	33,925	1	45,371	1	56,901	1	68,431	1	79,961	1	91,491	1	103,021
1/4	306	1/4	11,304	1/4	22,834	1/4	34,158	1/4	45,611	1/4	57,141	1/4	68,671	1/4	80,201	1/4	91,731	1/4	103,261
1/2	427	1/2	11,544	1/2	23,074	1/2	34,392	1/2	45,851	1/2	57,381	1/2	68,911	1/2	80,441	1/2	91,971	1/2	103,501
3/4	547	3/4	11,784	3/4	23,314	3/4	34,625	3/4	46,092	3/4	57,622	3/4	69,152	3/4	80,682	3/4	92,212	3/4	103,742
2	667	2	12,025	2	23,554	2	34,858	2	46,332	2	57,862	2	69,392	2	80,922	2	92,452	2	103,982
1/4	867	1/4	12,265	1/4	23,794	1/4	35,091	1/4	46,572	1/4	58,102	1/4	69,632	1/4	81,162	1/4	92,692	1/4	104,222
1/2	1,067	1/2	12,505	1/2	24,035	1/2	35,324	1/2	46,812	1/2	58,342	1/2	69,872	1/2	81,402	1/2	92,932	1/2	104,462
3/4	1,267	3/4	12,745	3/4	24,275	3/4	35,557	3/4	47,052	3/4	58,582	3/4	70,112	3/4	81,642	3/4	93,172	3/4	104,702
3	1,467	3	12,985	3	24,515	3	35,791	3	47,293	3	58,823	3	70,353	3	81,883	3	93,413	3	104,943
1/4	1,705	1/4	13,226	1/4	24,755	1/4	36,024	1/4	47,533	1/4	59,063	1/4	70,593	1/4	82,123	1/4	93,653	1/4	105,183
1/2	1,943	1/2	13,466	1/2	24,995	1/2	36,257	1/2	47,773	1/2	59,303	1/2	70,833	1/2	82,363	1/2	93,893	1/2	105,423
3/4	2,181	3/4	13,706	3/4	25,236	3/4	36,490	3/4	48,013	3/4	59,543	3/4	71,073	3/4	82,603	3/4	94,133	3/4	105,663
4	2,420	4	13,946	4	25,476	4	36,724	4	48,253	4	59,783	4	71,313	4	82,843	4	94,373	4	105,903
1/4	2,659	1/4	14,186	1/4	25,716	1/4	36,964	1/4	48,494	1/4	60,024	1/4	71,554	1/4	83,084	1/4	94,614	1/4	106,144
1/2	2,899	1/2	14,427	1/2	25,956	1/2	37,204	1/2	48,734	1/2	60,264	1/2	71,794	1/2	83,324	1/2	94,854	1/2	106,384
3/4	3,138	3/4	14,667	3/4	26,196	3/4	37,444	3/4	48,974	3/4	60,504	3/4	72,034	3/4	83,564	3/4	95,094	3/4	106,624
5	3,378	5	14,907	5	26,436	5	37,684	5	49,214	5	60,744	5	72,274	5	83,804	5	95,334	5	106,864
1/4	3,618	1/4	15,147	1/4	26,677	1/4	37,925	1/4	49,455	1/4	60,985	1/4	72,514	1/4	84,044	1/4	95,574	1/4	107,104
1/2	3,858	1/2	15,387	1/2	26,917	1/2	38,165	1/2	49,695	1/2	61,225	1/2	72,755	1/2	84,285	1/2	95,815	1/2	107,345
3/4	4,098	3/4	15,628	3/4	27,157	3/4	38,405	3/4	49,935	3/4	61,465	3/4	72,995	3/4	84,525	3/4	96,055	3/4	107,585
6	4,338	6	15,868	6	27,397	6	38,645	6	50,175	6	61,705	6	73,235	6	84,765	6	96,295	6	107,825
1/4	4,579	1/4	16,108	1/4	27,630	1/4	38,885	1/4	50,415	1/4	61,945	1/4	73,475	1/4	85,005	1/4	96,535	1/4	108,065
1/2	4,819	1/2	16,348	1/2	27,864	1/2	39,126	1/2	50,656	1/2	62,186	1/2	73,716	1/2	85,245	1/2	96,775	1/2	108,305
3/4	5,059	3/4	16,588	3/4	28,097	3/4	39,366	3/4	50,896	3/4	62,426	3/4	73,956	3/4	85,486	3/4	97,016	3/4	108,546
7	5,299	7	16,829	7	28,330	7	39,606	7	51,136	7	62,666	7	74,196	7	85,726	7	97,256	7	108,786
1/4	5,539	1/4	17,069	1/4	28,563	1/4	39,846	1/4	51,376	1/4	62,906	1/4	74,436	1/4	85,966	1/4	97,496	1/4	109,026
1/2	5,780	1/2	17,309	1/2	28,796	1/2	40,086	1/2	51,616	1/2	63,146	1/2	74,676	1/2	86,206	1/2	97,736	1/2	109,266
3/4	6,020	3/4	17,549	3/4	29,029	3/4	40,327	3/4	51,857	3/4	63,387	3/4	74,917	3/4	86,447	3/4	97,977	3/4	109,506
8	6,260	8	17,789	8	29,262	8	40,567	8	52,097	8	63,627	8	75,157	8	86,687	8	98,217	8	109,747
1/4	6,500	1/4	18,030	1/4	29,496	1/4	40,807	1/4	52,337	1/4	63,867	1/4	75,397	1/4	86,927	1/4	98,457	1/4	109,987
1/2	6,740	1/2	18,270	1/2	29,729	1/2	41,047	1/2	52,577	1/2	64,107	1/2	75,637	1/2	87,167	1/2	98,697	1/2	110,227
3/4	6,980	3/4	18,510	3/4	29,962	3/4	41,287	3/4	52,817	3/4	64,347	3/4	75,877	3/4	87,407	3/4	98,937	3/4	110,467
9	7,221	9	18,750	9	30,195	9	41,528	9	53,058	9	64,588	9	76,118	9	87,648	9	99,178	9	110,708
1/4	7,461	1/4	18,990	1/4	30,428	1/4	41,768	1/4	53,298	1/4	64,828	1/4	76,358	1/4	87,888	1/4	99,418	1/4	110,948
1/2	7,701	1/2	19,231	1/2	30,661	1/2	42,008	1/2	53,538	1/2	65,068	1/2	76,598	1/2	88,128	1/2	99,658	1/2	111,188
3/4	7,941	3/4	19,471	3/4	30,894	3/4	42,248	3/4	53,778	3/4	65,308	3/4	76,838	3/4	88,368	3/4	99,898	3/4	111,428
10	8,181	10	19,711	10	31,128	10	42,488	10	54,018	10	65,548	10	77,078	10	88,608	10	100,138	10	111,668
1/4	8,422	1/4	19,951	1/4	31,361	1/4	42,729	1/4	54,259	1/4	65,789	1/4	77,319	1/4	88,849	1/4	100,379	1/4	111,909
1/2	8,662	1/2	20,191	1/2	31,594	1/2	42,969	1/2	54,499	1/2	66,029	1/2	77,559	1/2	89,089	1/2	100,619	1/2	112,149
3/4	8,902	3/4	20,432	3/4	31,827	3/4	43,209	3/4	54,739	3/4	66,269	3/4	77,799	3/4	89,329	3/4	100,859	3/4	112,389
11	9,142	11	20,672	11	32,060	11	43,449	11	54,979	11	66,509	11	78,039	11	89,569	11	101,099	11	112,629
1/4	9,382	1/4	20,912	1/4	32,293	1/4	43,690	1/4	55,220	1/4	66,749	1/4	78,279	1/4	89,809	1/4	101,339	1/4	112,869
1/2	9,623	1/2	21,152	1/2	32,526	1/2	43,930	1/2	55,460	1/2	66,990	1/2	78,520	1/2	90,050	1/2	101,580	1/2	113,110
3/4	9,863	3/4	21,392	3/4	32,760	3/4	44,170	3/4	55,700	3/4	67,230	3/4	78,760	3/4	90,290	3/4	101,820	3/4	113,350

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1968"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	113,590	0	125,120	0	136,650	0	148,180	0	159,702	0		0		0		0		0	
1/4	113,830	1/4	125,360	1/4	136,890	1/4	148,420	1/4	159,919	1/4		1/4		1/4		1/4		1/4	
1/2	114,070	1/2	125,600	1/2	137,130	1/2	148,660	1/2	160,136	1/2		1/2		1/2		1/2		1/2	
3/4	114,311	3/4	125,841	3/4	137,371	3/4	148,901	3/4	160,352	3/4		3/4		3/4		3/4		3/4	
1	114,551	1	126,081	1	137,611	1	149,141	1	160,569	1		1		1		1		1	
1/4	114,791	1/4	126,321	1/4	137,851	1/4	149,381	1/4	160,709	1/4		1/4		1/4		1/4		1/4	
1/2	115,031	1/2	126,561	1/2	138,091	1/2	149,621	1/2	160,850	1/2		1/2		1/2		1/2		1/2	
3/4	115,271	3/4	126,801	3/4	138,331	3/4	149,861	3/4	160,990	3/4		3/4		3/4		3/4		3/4	
2	115,512	2	127,042	2	138,572	2	150,102	2	161,130	2		2		2		2		2	
1/4	115,752	1/4	127,282	1/4	138,812	1/4	150,342	1/4	161,190	1/4		1/4		1/4		1/4		1/4	
1/2	115,992	1/2	127,522	1/2	139,052	1/2	150,582	1/2	161,250	1/2		1/2		1/2		1/2		1/2	
3/4	116,232	3/4	127,762	3/4	139,292	3/4	150,822	3/4	161,310	3/4		3/4		3/4		3/4		3/4	
3	116,473	3	128,003	3	139,532	3	151,062	3	161,370	3		3		3		3		3	
1/4	116,713	1/4	128,243	1/4	139,773	1/4	151,303	1/4	161,380	1/4		1/4		1/4		1/4		1/4	
1/2	116,953	1/2	128,483	1/2	140,013	1/2	151,543	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,193	3/4	128,723	3/4	140,253	3/4	151,783	3/4		3/4		3/4		3/4		3/4		3/4	
4	117,433	4	128,963	4	140,493	4	152,023	4		4		4		4		4		4	
1/4	117,674	1/4	129,204	1/4	140,734	1/4	152,264	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,914	1/2	129,444	1/2	140,974	1/2	152,504	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,154	3/4	129,684	3/4	141,214	3/4	152,744	3/4		3/4		3/4		3/4		3/4		3/4	
5	118,394	5	129,924	5	141,454	5	152,984	5		5		5		5		5		5	
1/4	118,634	1/4	130,164	1/4	141,694	1/4	153,224	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,875	1/2	130,405	1/2	141,935	1/2	153,465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,115	3/4	130,645	3/4	142,175	3/4	153,705	3/4		3/4		3/4		3/4		3/4		3/4	
6	119,355	6	130,885	6	142,415	6	153,945	6		6		6		6		6		6	
1/4	119,595	1/4	131,125	1/4	142,655	1/4	154,185	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,835	1/2	131,365	1/2	142,895	1/2	154,425	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,076	3/4	131,606	3/4	143,136	3/4	154,666	3/4		3/4		3/4		3/4		3/4		3/4	
7	120,316	7	131,846	7	143,376	7	154,906	7		7		7		7		7		7	
1/4	120,556	1/4	132,086	1/4	143,616	1/4	155,146	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,796	1/2	132,326	1/2	143,856	1/2	155,386	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,036	3/4	132,566	3/4	144,096	3/4	155,626	3/4		3/4		3/4		3/4		3/4		3/4	
8	121,277	8	132,807	8	144,337	8	155,867	8		8		8		8		8		8	
1/4	121,517	1/4	133,047	1/4	144,577	1/4	156,107	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,757	1/2	133,287	1/2	144,817	1/2	156,347	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,997	3/4	133,527	3/4	145,057	3/4	156,587	3/4		3/4		3/4		3/4		3/4		3/4	
9	122,238	9	133,767	9	145,297	9	156,827	9		9		9		9		9		9	
1/4	122,478	1/4	134,008	1/4	145,538	1/4	157,068	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,718	1/2	134,248	1/2	145,778	1/2	157,308	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,958	3/4	134,488	3/4	146,018	3/4	157,548	3/4		3/4		3/4		3/4		3/4		3/4	
10	123,198	10	134,728	10	146,258	10	157,788	10		10		10		10		10		10	
1/4	123,439	1/4	134,969	1/4	146,499	1/4	158,028	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,679	1/2	135,209	1/2	146,739	1/2	158,268	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,919	3/4	135,449	3/4	146,979	3/4	158,508	3/4		3/4		3/4		3/4		3/4		3/4	
11	124,159	11	135,689	11	147,219	11	158,747	11		11		11		11		11		11	
1/4	124,399	1/4	135,929	1/4	147,459	1/4	158,986	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,640	1/2	136,170	1/2	147,700	1/2	159,225	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,880	3/4	136,410	3/4	147,940	3/4	159,463	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2016 CL
CALCULATED: 03/17/2016 CL
PRINTED: 03/18/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

PRECISION MEASUREMENT
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BARGE "IB 1968"

3 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	10,031	0	21,478	0	32,914	0	44,354	0	55,801	0	67,249	0	78,696	0	90,143	0	101,590
1/4	66	1/4	10,269	1/4	21,716	1/4	33,152	1/4	44,593	1/4	56,040	1/4	67,487	1/4	78,934	1/4	90,382	1/4	101,829
1/2	106	1/2	10,508	1/2	21,954	1/2	33,390	1/2	44,831	1/2	56,278	1/2	67,726	1/2	79,173	1/2	90,620	1/2	102,067
3/4	146	3/4	10,746	3/4	22,193	3/4	33,628	3/4	45,070	3/4	56,517	3/4	67,964	3/4	79,411	3/4	90,859	3/4	102,306
1	185	1	10,985	1	22,431	1	33,866	1	45,308	1	56,755	1	68,203	1	79,650	1	91,097	1	102,544
1/4	305	1/4	11,223	1/4	22,670	1/4	34,104	1/4	45,547	1/4	56,994	1/4	68,441	1/4	79,888	1/4	91,336	1/4	102,783
1/2	424	1/2	11,462	1/2	22,908	1/2	34,342	1/2	45,785	1/2	57,232	1/2	68,680	1/2	80,127	1/2	91,574	1/2	103,021
3/4	543	3/4	11,700	3/4	23,147	3/4	34,580	3/4	46,024	3/4	57,471	3/4	68,918	3/4	80,365	3/4	91,812	3/4	103,260
2	662	2	11,939	2	23,385	2	34,818	2	46,262	2	57,709	2	69,156	2	80,604	2	92,051	2	103,498
1/4	861	1/4	12,177	1/4	23,624	1/4	35,056	1/4	46,500	1/4	57,948	1/4	69,395	1/4	80,842	1/4	92,289	1/4	103,737
1/2	1,059	1/2	12,415	1/2	23,862	1/2	35,294	1/2	46,739	1/2	58,186	1/2	69,633	1/2	81,081	1/2	92,528	1/2	103,975
3/4	1,258	3/4	12,654	3/4	24,101	3/4	35,532	3/4	46,977	3/4	58,425	3/4	69,872	3/4	81,319	3/4	92,766	3/4	104,214
3	1,457	3	12,892	3	24,339	3	35,770	3	47,216	3	58,663	3	70,110	3	81,558	3	93,005	3	104,452
1/4	1,693	1/4	13,131	1/4	24,578	1/4	36,008	1/4	47,454	1/4	58,902	1/4	70,349	1/4	81,796	1/4	93,243	1/4	104,691
1/2	1,930	1/2	13,369	1/2	24,816	1/2	36,246	1/2	47,693	1/2	59,140	1/2	70,587	1/2	82,035	1/2	93,482	1/2	104,929
3/4	2,166	3/4	13,608	3/4	25,055	3/4	36,485	3/4	47,931	3/4	59,379	3/4	70,826	3/4	82,273	3/4	93,720	3/4	105,168
4	2,402	4	13,846	4	25,293	4	36,723	4	48,170	4	59,617	4	71,064	4	82,512	4	93,959	4	105,406
1/4	2,640	1/4	14,085	1/4	25,532	1/4	36,961	1/4	48,408	1/4	59,856	1/4	71,303	1/4	82,750	1/4	94,197	1/4	105,645
1/2	2,878	1/2	14,323	1/2	25,770	1/2	37,200	1/2	48,647	1/2	60,094	1/2	71,541	1/2	82,989	1/2	94,436	1/2	105,883
3/4	3,116	3/4	14,562	3/4	26,009	3/4	37,438	3/4	48,885	3/4	60,333	3/4	71,780	3/4	83,227	3/4	94,674	3/4	106,122
5	3,354	5	14,800	5	26,247	5	37,677	5	49,124	5	60,571	5	72,018	5	83,466	5	94,913	5	106,360
1/4	3,592	1/4	15,039	1/4	26,486	1/4	37,915	1/4	49,362	1/4	60,810	1/4	72,257	1/4	83,704	1/4	95,151	1/4	106,599
1/2	3,831	1/2	15,277	1/2	26,724	1/2	38,154	1/2	49,601	1/2	61,048	1/2	72,495	1/2	83,943	1/2	95,390	1/2	106,837
3/4	4,069	3/4	15,516	3/4	26,962	3/4	38,392	3/4	49,839	3/4	61,287	3/4	72,734	3/4	84,181	3/4	95,628	3/4	107,075
6	4,308	6	15,754	6	27,201	6	38,630	6	50,078	6	61,525	6	72,972	6	84,419	6	95,867	6	107,314
1/4	4,546	1/4	15,993	1/4	27,439	1/4	38,869	1/4	50,316	1/4	61,763	1/4	73,211	1/4	84,658	1/4	96,105	1/4	107,552
1/2	4,784	1/2	16,231	1/2	27,677	1/2	39,107	1/2	50,555	1/2	62,002	1/2	73,449	1/2	84,896	1/2	96,344	1/2	107,791
3/4	5,023	3/4	16,470	3/4	27,915	3/4	39,346	3/4	50,793	3/4	62,240	3/4	73,688	3/4	85,135	3/4	96,582	3/4	108,029
7	5,261	7	16,708	7	28,153	7	39,584	7	51,032	7	62,479	7	73,926	7	85,373	7	96,821	7	108,268
1/4	5,500	1/4	16,947	1/4	28,391	1/4	39,823	1/4	51,270	1/4	62,717	1/4	74,165	1/4	85,612	1/4	97,059	1/4	108,506
1/2	5,738	1/2	17,185	1/2	28,629	1/2	40,061	1/2	51,509	1/2	62,956	1/2	74,403	1/2	85,850	1/2	97,298	1/2	108,745
3/4	5,977	3/4	17,423	3/4	28,867	3/4	40,300	3/4	51,747	3/4	63,194	3/4	74,642	3/4	86,089	3/4	97,536	3/4	108,983
8	6,215	8	17,662	8	29,105	8	40,538	8	51,986	8	63,433	8	74,880	8	86,327	8	97,775	8	109,222
1/4	6,454	1/4	17,900	1/4	29,343	1/4	40,777	1/4	52,224	1/4	63,671	1/4	75,119	1/4	86,566	1/4	98,013	1/4	109,460
1/2	6,692	1/2	18,139	1/2	29,581	1/2	41,015	1/2	52,463	1/2	63,910	1/2	75,357	1/2	86,804	1/2	98,252	1/2	109,699
3/4	6,931	3/4	18,377	3/4	29,819	3/4	41,254	3/4	52,701	3/4	64,148	3/4	75,596	3/4	87,043	3/4	98,490	3/4	109,937
9	7,169	9	18,616	9	30,057	9	41,492	9	52,940	9	64,387	9	75,834	9	87,281	9	98,729	9	110,176
1/4	7,408	1/4	18,854	1/4	30,295	1/4	41,731	1/4	53,178	1/4	64,625	1/4	76,073	1/4	87,520	1/4	98,967	1/4	110,414
1/2	7,646	1/2	19,093	1/2	30,533	1/2	41,969	1/2	53,417	1/2	64,864	1/2	76,311	1/2	87,758	1/2	99,206	1/2	110,653
3/4	7,884	3/4	19,331	3/4	30,771	3/4	42,208	3/4	53,655	3/4	65,102	3/4	76,549	3/4	87,997	3/4	99,444	3/4	110,891
10	8,123	10	19,570	10	31,009	10	42,446	10	53,893	10	65,341	10	76,788	10	88,235	10	99,682	10	111,130
1/4	8,361	1/4	19,808	1/4	31,247	1/4	42,685	1/4	54,132	1/4	65,579	1/4	77,026	1/4	88,474	1/4	99,921	1/4	111,368
1/2	8,600	1/2	20,047	1/2	31,485	1/2	42,923	1/2	54,370	1/2	65,818	1/2	77,265	1/2	88,712	1/2	100,159	1/2	111,607
3/4	8,838	3/4	20,285	3/4	31,724	3/4	43,162	3/4	54,609	3/4	66,056	3/4	77,503	3/4	88,951	3/4	100,398	3/4	111,845
11	9,077	11	20,524	11	31,962	11	43,400	11	54,847	11	66,295	11	77,742	11	89,189	11	100,636	11	112,084
1/4	9,315	1/4	20,762	1/4	32,200	1/4	43,639	1/4	55,086	1/4	66,533	1/4	77,980	1/4	89,428	1/4	100,875	1/4	112,322
1/2	9,554	1/2	21,001	1/2	32,438	1/2	43,877	1/2	55,324	1/2	66,772	1/2	78,219	1/2	89,666	1/2	101,113	1/2	112,561
3/4	9,792	3/4	21,239	3/4	32,676	3/4	44,116	3/4	55,563	3/4	67,010	3/4	78,457	3/4	89,905	3/4	101,352	3/4	112,799

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "IB 1968"

3 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	113,038	0	124,485	0	135,932	0	147,379	0	158,819	0		0		0		0		0	
1/4	113,276	1/4	124,723	1/4	136,171	1/4	147,618	1/4	159,034	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,515	1/2	124,962	1/2	136,409	1/2	147,856	1/2	159,249	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,753	3/4	125,200	3/4	136,648	3/4	148,095	3/4	159,465	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	113,992	1	125,439	1	136,886	1	148,333	1	159,680	1		1		1		1		1	
1/4	114,230	1/4	125,677	1/4	137,125	1/4	148,572	1/4	159,819	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,469	1/2	125,916	1/2	137,363	1/2	148,810	1/2	159,958	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,707	3/4	126,154	3/4	137,601	3/4	149,049	3/4	160,097	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	114,945	2	126,393	2	137,840	2	149,287	2	160,236	2		2		2		2		2	
1/4	115,184	1/4	126,631	1/4	138,078	1/4	149,526	1/4	160,296	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,422	1/2	126,870	1/2	138,317	1/2	149,764	1/2	160,355	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,661	3/4	127,108	3/4	138,555	3/4	150,003	3/4	160,415	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	115,899	3	127,347	3	138,794	3	150,241	3	160,475	3		3		3		3		3	
1/4	116,138	1/4	127,585	1/4	139,032	1/4	150,480	1/4	160,485	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	116,376	1/2	127,824	1/2	139,271	1/2	150,718	1/2	160,485	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	116,615	3/4	128,062	3/4	139,509	3/4	150,957	3/4	160,485	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	116,853	4	128,301	4	139,748	4	151,195	4		4		4		4		4		4	
1/4	117,092	1/4	128,539	1/4	139,986	1/4	151,434	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,330	1/2	128,778	1/2	140,225	1/2	151,672	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117,569	3/4	129,016	3/4	140,463	3/4	151,911	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	117,807	5	129,255	5	140,702	5	152,149	5		5		5		5		5		5	
1/4	118,046	1/4	129,493	1/4	140,940	1/4	152,388	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,284	1/2	129,731	1/2	141,179	1/2	152,626	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,523	3/4	129,970	3/4	141,417	3/4	152,864	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	118,761	6	130,208	6	141,656	6	153,103	6		6		6		6		6		6	
1/4	119,000	1/4	130,447	1/4	141,894	1/4	153,341	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,238	1/2	130,685	1/2	142,133	1/2	153,580	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,477	3/4	130,924	3/4	142,371	3/4	153,818	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	119,715	7	131,162	7	142,610	7	154,057	7		7		7		7		7		7	
1/4	119,954	1/4	131,401	1/4	142,848	1/4	154,295	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,192	1/2	131,639	1/2	143,087	1/2	154,534	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,431	3/4	131,878	3/4	143,325	3/4	154,772	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	120,669	8	132,116	8	143,564	8	155,011	8		8		8		8		8		8	
1/4	120,908	1/4	132,355	1/4	143,802	1/4	155,249	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,146	1/2	132,593	1/2	144,041	1/2	155,488	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,385	3/4	132,832	3/4	144,279	3/4	155,726	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	121,623	9	133,070	9	144,518	9	155,965	9		9		9		9		9		9	
1/4	121,862	1/4	133,309	1/4	144,756	1/4	156,203	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,100	1/2	133,547	1/2	144,994	1/2	156,442	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,338	3/4	133,786	3/4	145,233	3/4	156,680	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	122,577	10	134,024	10	145,471	10	156,919	10		10		10		10		10		10	
1/4	122,815	1/4	134,263	1/4	145,710	1/4	157,157	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,054	1/2	134,501	1/2	145,948	1/2	157,395	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,292	3/4	134,740	3/4	146,187	3/4	157,633	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	123,531	11	134,978	11	146,425	11	157,871	11		11		11		11		11		11	
1/4	123,769	1/4	135,217	1/4	146,664	1/4	158,108	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,008	1/2	135,455	1/2	146,902	1/2	158,345	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,246	3/4	135,694	3/4	147,141	3/4	158,582	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: 03/17/2016 CL
CALCULATED: 03/17/2016 CL
PRINTED: 03/18/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

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