



# BARGE "IB 1967"

## 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	- 00-1/2	00-1/2	- 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	- 00-5/8	00-5/8	- 00-3/4	00-3/4

(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: 182'-09"

March 6, 2016

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

<http://www.pmacorp.net>



# BARGE "IB 1967"

## 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	10,178	0	22,183	0	34,027	0	45,920	0	57,918	0	69,898	0	81,902	0	93,906	0	105,910
1/4	68	1/4	10,428	1/4	22,433	1/4	34,270	1/4	46,170	1/4	58,168	1/4	70,148	1/4	82,152	1/4	94,156	1/4	106,160
1/2	110	1/2	10,678	1/2	22,683	1/2	34,514	1/2	46,420	1/2	58,417	1/2	70,398	1/2	82,403	1/2	94,406	1/2	106,410
3/4	152	3/4	10,928	3/4	22,933	3/4	34,757	3/4	46,670	3/4	58,667	3/4	70,649	3/4	82,653	3/4	94,656	3/4	106,660
1	194	1	11,178	1	23,183	1	35,001	1	46,920	1	58,916	1	70,899	1	82,903	1	94,906	1	106,910
1/4	286	1/4	11,428	1/4	23,433	1/4	35,244	1/4	47,170	1/4	59,166	1/4	71,149	1/4	83,153	1/4	95,156	1/4	107,160
1/2	377	1/2	11,679	1/2	23,683	1/2	35,487	1/2	47,420	1/2	59,415	1/2	71,399	1/2	83,403	1/2	95,406	1/2	107,410
3/4	469	3/4	11,929	3/4	23,933	3/4	35,731	3/4	47,670	3/4	59,665	3/4	71,649	3/4	83,653	3/4	95,656	3/4	107,660
2	561	2	12,179	2	24,183	2	35,974	2	47,920	2	59,914	2	71,899	2	83,903	2	95,907	2	107,910
1/4	726	1/4	12,429	1/4	24,433	1/4	36,218	1/4	48,170	1/4	60,164	1/4	72,149	1/4	84,153	1/4	96,157	1/4	108,160
1/2	890	1/2	12,679	1/2	24,684	1/2	36,461	1/2	48,420	1/2	60,413	1/2	72,399	1/2	84,403	1/2	96,407	1/2	108,410
3/4	1,054	3/4	12,929	3/4	24,934	3/4	36,705	3/4	48,670	3/4	60,663	3/4	72,649	3/4	84,653	3/4	96,657	3/4	108,661
3	1,219	3	13,179	3	25,184	3	36,948	3	48,920	3	60,912	3	72,899	3	84,903	3	96,907	3	108,911
1/4	1,456	1/4	13,429	1/4	25,434	1/4	37,191	1/4	49,170	1/4	61,162	1/4	73,149	1/4	85,153	1/4	97,157	1/4	109,161
1/2	1,693	1/2	13,679	1/2	25,684	1/2	37,435	1/2	49,420	1/2	61,411	1/2	73,399	1/2	85,404	1/2	97,407	1/2	109,411
3/4	1,931	3/4	13,929	3/4	25,934	3/4	37,678	3/4	49,670	3/4	61,661	3/4	73,650	3/4	85,654	3/4	97,657	3/4	109,661
4	2,168	4	14,180	4	26,184	4	37,922	4	49,920	4	61,910	4	73,900	4	85,904	4	97,907	4	109,911
1/4	2,418	1/4	14,430	1/4	26,434	1/4	38,172	1/4	50,170	1/4	62,159	1/4	74,150	1/4	86,154	1/4	98,157	1/4	110,161
1/2	2,668	1/2	14,680	1/2	26,684	1/2	38,422	1/2	50,420	1/2	62,409	1/2	74,400	1/2	86,404	1/2	98,407	1/2	110,411
3/4	2,918	3/4	14,930	3/4	26,934	3/4	38,672	3/4	50,670	3/4	62,658	3/4	74,650	3/4	86,654	3/4	98,657	3/4	110,661
5	3,168	5	15,180	5	27,184	5	38,922	5	50,919	5	62,908	5	74,900	5	86,904	5	98,907	5	110,911
1/4	3,418	1/4	15,430	1/4	27,435	1/4	39,172	1/4	51,169	1/4	63,157	1/4	75,150	1/4	87,154	1/4	99,157	1/4	111,161
1/2	3,669	1/2	15,680	1/2	27,685	1/2	39,422	1/2	51,419	1/2	63,407	1/2	75,400	1/2	87,404	1/2	99,407	1/2	111,411
3/4	3,919	3/4	15,930	3/4	27,935	3/4	39,671	3/4	51,669	3/4	63,656	3/4	75,650	3/4	87,654	3/4	99,657	3/4	111,662
6	4,170	6	16,180	6	28,185	6	39,921	6	51,919	6	63,906	6	75,900	6	87,904	6	99,908	6	111,912
1/4	4,421	1/4	16,430	1/4	28,428	1/4	40,171	1/4	52,169	1/4	64,155	1/4	76,150	1/4	88,154	1/4	100,158	1/4	112,162
1/2	4,671	1/2	16,681	1/2	28,672	1/2	40,421	1/2	52,419	1/2	64,405	1/2	76,400	1/2	88,405	1/2	100,408	1/2	112,412
3/4	4,922	3/4	16,931	3/4	28,915	3/4	40,671	3/4	52,669	3/4	64,654	3/4	76,651	3/4	88,655	3/4	100,658	3/4	112,662
7	5,172	7	17,181	7	29,159	7	40,921	7	52,919	7	64,904	7	76,901	7	88,905	7	100,908	7	112,912
1/4	5,423	1/4	17,431	1/4	29,402	1/4	41,171	1/4	53,169	1/4	65,153	1/4	77,151	1/4	89,155	1/4	101,158	1/4	113,162
1/2	5,673	1/2	17,681	1/2	29,645	1/2	41,421	1/2	53,419	1/2	65,403	1/2	77,401	1/2	89,405	1/2	101,408	1/2	113,412
3/4	5,924	3/4	17,931	3/4	29,889	3/4	41,671	3/4	53,669	3/4	65,652	3/4	77,651	3/4	89,655	3/4	101,658	3/4	113,662
8	6,174	8	18,181	8	30,132	8	41,921	8	53,919	8	65,902	8	77,901	8	89,905	8	101,908	8	113,912
1/4	6,424	1/4	18,431	1/4	30,376	1/4	42,171	1/4	54,169	1/4	66,151	1/4	78,151	1/4	90,155	1/4	102,158	1/4	114,162
1/2	6,674	1/2	18,681	1/2	30,619	1/2	42,421	1/2	54,419	1/2	66,401	1/2	78,401	1/2	90,405	1/2	102,408	1/2	114,412
3/4	6,924	3/4	18,931	3/4	30,862	3/4	42,671	3/4	54,669	3/4	66,650	3/4	78,651	3/4	90,655	3/4	102,659	3/4	114,663
9	7,175	9	19,181	9	31,106	9	42,921	9	54,919	9	66,900	9	78,901	9	90,905	9	102,909	9	114,913
1/4	7,425	1/4	19,432	1/4	31,349	1/4	43,171	1/4	55,169	1/4	67,149	1/4	79,151	1/4	91,155	1/4	103,159	1/4	115,163
1/2	7,675	1/2	19,682	1/2	31,593	1/2	43,421	1/2	55,419	1/2	67,399	1/2	79,402	1/2	91,406	1/2	103,409	1/2	115,413
3/4	7,926	3/4	19,932	3/4	31,836	3/4	43,671	3/4	55,669	3/4	67,648	3/4	79,652	3/4	91,656	3/4	103,659	3/4	115,663
10	8,176	10	20,182	10	32,080	10	43,921	10	55,919	10	67,898	10	79,902	10	91,906	10	103,909	10	115,913
1/4	8,427	1/4	20,432	1/4	32,323	1/4	44,171	1/4	56,169	1/4	68,148	1/4	80,152	1/4	92,156	1/4	104,159	1/4	116,163
1/2	8,677	1/2	20,682	1/2	32,566	1/2	44,421	1/2	56,419	1/2	68,398	1/2	80,402	1/2	92,406	1/2	104,409	1/2	116,413
3/4	8,927	3/4	20,932	3/4	32,810	3/4	44,671	3/4	56,668	3/4	68,648	3/4	80,652	3/4	92,656	3/4	104,659	3/4	116,663
11	9,178	11	21,182	11	33,053	11	44,921	11	56,918	11	68,898	11	80,902	11	92,906	11	104,909	11	116,913
1/4	9,428	1/4	21,432	1/4	33,297	1/4	45,171	1/4	57,168	1/4	69,148	1/4	81,152	1/4	93,156	1/4	105,159	1/4	117,164
1/2	9,678	1/2	21,682	1/2	33,540	1/2	45,420	1/2	57,418	1/2	69,398	1/2	81,402	1/2	93,406	1/2	105,409	1/2	117,414
3/4	9,928	3/4	21,932	3/4	33,783	3/4	45,670	3/4	57,668	3/4	69,648	3/4	81,652	3/4	93,656	3/4	105,660	3/4	117,665

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  
& ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "IB 1967"

## 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	117,916	0	128,526	0	136,302	0	144,078	0	151,846	0		0		0		0		0	
1/4	118,166	1/4	128,688	1/4	136,464	1/4	144,240	1/4	151,983	1/4		1/4		1/4		1/4		1/4	
1/2	118,417	1/2	128,850	1/2	136,626	1/2	144,402	1/2	152,121	1/2		1/2		1/2		1/2		1/2	
3/4	118,667	3/4	129,012	3/4	136,788	3/4	144,564	3/4	152,258	3/4		3/4		3/4		3/4		3/4	
1	118,918	1	129,174	1	136,950	1	144,726	1	152,396	1		1		1		1		1	
1/4	119,169	1/4	129,336	1/4	137,112	1/4	144,888	1/4	152,454	1/4		1/4		1/4		1/4		1/4	
1/2	119,419	1/2	129,498	1/2	137,274	1/2	145,050	1/2	152,511	1/2		1/2		1/2		1/2		1/2	
3/4	119,670	3/4	129,660	3/4	137,436	3/4	145,212	3/4	152,569	3/4		3/4		3/4		3/4		3/4	
2	119,920	2	129,822	2	137,598	2	145,374	2	152,626	2		2		2		2		2	
1/4	120,171	1/4	129,984	1/4	137,760	1/4	145,536	1/4	152,689	1/4		1/4		1/4		1/4		1/4	
1/2	120,421	1/2	130,146	1/2	137,922	1/2	145,698	1/2	152,752	1/2		1/2		1/2		1/2		1/2	
3/4	120,672	3/4	130,308	3/4	138,084	3/4	145,860	3/4	152,814	3/4		3/4		3/4		3/4		3/4	
3	120,923	3	130,470	3	138,246	3	146,022	3	152,877	3		3		3		3		3	
1/4	121,173	1/4	130,632	1/4	138,408	1/4	146,184	1/4	152,887	1/4		1/4		1/4		1/4		1/4	
1/2	121,424	1/2	130,794	1/2	138,570	1/2	146,346	1/2	152,887	1/2		1/2		1/2		1/2		1/2	
3/4	121,674	3/4	130,956	3/4	138,732	3/4	146,508	3/4	152,887	3/4		3/4		3/4		3/4		3/4	
4	121,925	4	131,118	4	138,894	4	146,670	4	152,887	4		4		4		4		4	
1/4	122,176	1/4	131,280	1/4	139,056	1/4	146,832	1/4	152,887	1/4		1/4		1/4		1/4		1/4	
1/2	122,426	1/2	131,442	1/2	139,218	1/2	146,994	1/2	152,887	1/2		1/2		1/2		1/2		1/2	
3/4	122,677	3/4	131,604	3/4	139,380	3/4	147,156	3/4	152,887	3/4		3/4		3/4		3/4		3/4	
5	122,927	5	131,766	5	139,542	5	147,318	5	152,887	5		5		5		5		5	
1/4	123,178	1/4	131,928	1/4	139,704	1/4	147,480	1/4	152,887	1/4		1/4		1/4		1/4		1/4	
1/2	123,428	1/2	132,090	1/2	139,866	1/2	147,642	1/2	152,887	1/2		1/2		1/2		1/2		1/2	
3/4	123,679	3/4	132,252	3/4	140,028	3/4	147,804	3/4	152,887	3/4		3/4		3/4		3/4		3/4	
6	123,930	6	132,414	6	140,190	6	147,966	6	152,887	6		6		6		6		6	
1/4	124,180	1/4	132,576	1/4	140,352	1/4	148,128	1/4	152,887	1/4		1/4		1/4		1/4		1/4	
1/2	124,431	1/2	132,738	1/2	140,514	1/2	148,290	1/2	152,887	1/2		1/2		1/2		1/2		1/2	
3/4	124,681	3/4	132,900	3/4	140,676	3/4	148,452	3/4	152,887	3/4		3/4		3/4		3/4		3/4	
7	124,932	7	133,062	7	140,838	7	148,614	7	152,887	7		7		7		7		7	
1/4	125,183	1/4	133,224	1/4	141,000	1/4	148,776	1/4	152,887	1/4		1/4		1/4		1/4		1/4	
1/2	125,433	1/2	133,386	1/2	141,162	1/2	148,938	1/2	152,887	1/2		1/2		1/2		1/2		1/2	
3/4	125,684	3/4	133,548	3/4	141,324	3/4	149,100	3/4	152,887	3/4		3/4		3/4		3/4		3/4	
8	125,934	8	133,710	8	141,486	8	149,262	8	152,887	8		8		8		8		8	
1/4	126,096	1/4	133,872	1/4	141,648	1/4	149,424	1/4	152,887	1/4		1/4		1/4		1/4		1/4	
1/2	126,258	1/2	134,034	1/2	141,810	1/2	149,586	1/2	152,887	1/2		1/2		1/2		1/2		1/2	
3/4	126,420	3/4	134,196	3/4	141,972	3/4	149,748	3/4	152,887	3/4		3/4		3/4		3/4		3/4	
9	126,582	9	134,358	9	142,134	9	149,910	9	152,887	9		9		9		9		9	
1/4	126,744	1/4	134,520	1/4	142,296	1/4	150,072	1/4	152,887	1/4		1/4		1/4		1/4		1/4	
1/2	126,906	1/2	134,682	1/2	142,458	1/2	150,234	1/2	152,887	1/2		1/2		1/2		1/2		1/2	
3/4	127,068	3/4	134,844	3/4	142,620	3/4	150,396	3/4	152,887	3/4		3/4		3/4		3/4		3/4	
10	127,230	10	135,006	10	142,782	10	150,558	10	152,887	10		10		10		10		10	
1/4	127,392	1/4	135,168	1/4	142,944	1/4	150,719	1/4	152,887	1/4		1/4		1/4		1/4		1/4	
1/2	127,554	1/2	135,330	1/2	143,106	1/2	150,881	1/2	152,887	1/2		1/2		1/2		1/2		1/2	
3/4	127,716	3/4	135,492	3/4	143,268	3/4	151,042	3/4	152,887	3/4		3/4		3/4		3/4		3/4	
11	127,878	11	135,654	11	143,430	11	151,204	11	152,887	11		11		11		11		11	
1/4	128,040	1/4	135,816	1/4	143,592	1/4	151,364	1/4	152,887	1/4		1/4		1/4		1/4		1/4	
1/2	128,202	1/2	135,978	1/2	143,754	1/2	151,525	1/2	152,887	1/2		1/2		1/2		1/2		1/2	
3/4	128,364	3/4	136,140	3/4	143,916	3/4	151,685	3/4	152,887	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2016 CL  
CALCULATED: 03/06/2016 CL  
PRINTED: 03/06/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2016

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



# BARGE "IB 1967"

## 2 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	10,122	0	21,673	0	33,054	0	44,493	0	56,044	0	67,596	0	79,147	0	90,698	0	102,250
1/4	66	1/4	10,362	1/4	21,913	1/4	33,288	1/4	44,733	1/4	56,285	1/4	67,836	1/4	79,388	1/4	90,939	1/4	102,490
1/2	107	1/2	10,603	1/2	22,154	1/2	33,521	1/2	44,974	1/2	56,525	1/2	68,077	1/2	79,628	1/2	91,180	1/2	102,731
3/4	147	3/4	10,844	3/4	22,395	3/4	33,755	3/4	45,215	3/4	56,766	3/4	68,318	3/4	79,869	3/4	91,420	3/4	102,972
1	187	1	11,084	1	22,635	1	33,988	1	45,455	1	57,007	1	68,558	1	80,110	1	91,661	1	103,212
1/4	307	1/4	11,325	1/4	22,876	1/4	34,222	1/4	45,696	1/4	57,247	1/4	68,799	1/4	80,350	1/4	91,902	1/4	103,453
1/2	427	1/2	11,566	1/2	23,117	1/2	34,456	1/2	45,937	1/2	57,488	1/2	69,040	1/2	80,591	1/2	92,142	1/2	103,694
3/4	548	3/4	11,806	3/4	23,357	3/4	34,689	3/4	46,177	3/4	57,729	3/4	69,280	3/4	80,832	3/4	92,383	3/4	103,934
2	668	2	12,047	2	23,598	2	34,923	2	46,418	2	57,969	2	69,521	2	81,072	2	92,624	2	104,175
1/4	868	1/4	12,288	1/4	23,839	1/4	35,156	1/4	46,659	1/4	58,210	1/4	69,761	1/4	81,313	1/4	92,864	1/4	104,416
1/2	1,069	1/2	12,528	1/2	24,079	1/2	35,390	1/2	46,899	1/2	58,451	1/2	70,002	1/2	81,554	1/2	93,105	1/2	104,656
3/4	1,269	3/4	12,769	3/4	24,320	3/4	35,624	3/4	47,140	3/4	58,691	3/4	70,243	3/4	81,794	3/4	93,346	3/4	104,897
3	1,470	3	13,010	3	24,560	3	35,857	3	47,381	3	58,932	3	70,483	3	82,035	3	93,586	3	105,138
1/4	1,708	1/4	13,250	1/4	24,801	1/4	36,091	1/4	47,621	1/4	59,173	1/4	70,724	1/4	82,276	1/4	93,827	1/4	105,378
1/2	1,947	1/2	13,491	1/2	25,042	1/2	36,325	1/2	47,862	1/2	59,413	1/2	70,965	1/2	82,516	1/2	94,068	1/2	105,619
3/4	2,185	3/4	13,731	3/4	25,282	3/4	36,558	3/4	48,103	3/4	59,654	3/4	71,205	3/4	82,757	3/4	94,308	3/4	105,860
4	2,424	4	13,972	4	25,523	4	36,792	4	48,343	4	59,895	4	71,446	4	82,997	4	94,549	4	106,100
1/4	2,664	1/4	14,213	1/4	25,764	1/4	37,032	1/4	48,584	1/4	60,135	1/4	71,687	1/4	83,238	1/4	94,790	1/4	106,341
1/2	2,904	1/2	14,453	1/2	26,004	1/2	37,273	1/2	48,825	1/2	60,376	1/2	71,927	1/2	83,479	1/2	95,030	1/2	106,582
3/4	3,144	3/4	14,694	3/4	26,245	3/4	37,514	3/4	49,065	3/4	60,617	3/4	72,168	3/4	83,719	3/4	95,271	3/4	106,822
5	3,384	5	14,935	5	26,486	5	37,754	5	49,306	5	60,857	5	72,409	5	83,960	5	95,512	5	107,063
1/4	3,625	1/4	15,175	1/4	26,726	1/4	37,995	1/4	49,546	1/4	61,098	1/4	72,649	1/4	84,201	1/4	95,752	1/4	107,304
1/2	3,865	1/2	15,416	1/2	26,967	1/2	38,235	1/2	49,787	1/2	61,339	1/2	72,890	1/2	84,441	1/2	95,993	1/2	107,544
3/4	4,106	3/4	15,657	3/4	27,208	3/4	38,476	3/4	50,028	3/4	61,579	3/4	73,131	3/4	84,682	3/4	96,233	3/4	107,785
6	4,346	6	15,897	6	27,448	6	38,717	6	50,268	6	61,820	6	73,371	6	84,923	6	96,474	6	108,026
1/4	4,587	1/4	16,138	1/4	27,682	1/4	38,958	1/4	50,509	1/4	62,061	1/4	73,612	1/4	85,163	1/4	96,715	1/4	108,266
1/2	4,828	1/2	16,379	1/2	27,915	1/2	39,198	1/2	50,750	1/2	62,301	1/2	73,853	1/2	85,404	1/2	96,955	1/2	108,507
3/4	5,068	3/4	16,619	3/4	28,149	3/4	39,439	3/4	50,990	3/4	62,542	3/4	74,093	3/4	85,645	3/4	97,196	3/4	108,748
7	5,309	7	16,860	7	28,383	7	39,680	7	51,231	7	62,782	7	74,334	7	85,885	7	97,437	7	108,988
1/4	5,550	1/4	17,100	1/4	28,616	1/4	39,920	1/4	51,472	1/4	63,023	1/4	74,575	1/4	86,126	1/4	97,677	1/4	109,229
1/2	5,790	1/2	17,341	1/2	28,850	1/2	40,161	1/2	51,712	1/2	63,264	1/2	74,815	1/2	86,367	1/2	97,918	1/2	109,469
3/4	6,031	3/4	17,582	3/4	29,083	3/4	40,402	3/4	51,953	3/4	63,504	3/4	75,056	3/4	86,607	3/4	98,159	3/4	109,710
8	6,272	8	17,822	8	29,317	8	40,642	8	52,194	8	63,745	8	75,297	8	86,848	8	98,399	8	109,951
1/4	6,512	1/4	18,063	1/4	29,550	1/4	40,883	1/4	52,434	1/4	63,986	1/4	75,537	1/4	87,089	1/4	98,640	1/4	110,191
1/2	6,753	1/2	18,304	1/2	29,784	1/2	41,124	1/2	52,675	1/2	64,226	1/2	75,778	1/2	87,329	1/2	98,881	1/2	110,432
3/4	6,993	3/4	18,544	3/4	30,018	3/4	41,364	3/4	52,916	3/4	64,467	3/4	76,018	3/4	87,570	3/4	99,121	3/4	110,673
9	7,234	9	18,785	9	30,251	9	41,605	9	53,156	9	64,708	9	76,259	9	87,811	9	99,362	9	110,913
1/4	7,475	1/4	19,026	1/4	30,485	1/4	41,846	1/4	53,397	1/4	64,948	1/4	76,500	1/4	88,051	1/4	99,603	1/4	111,154
1/2	7,715	1/2	19,266	1/2	30,718	1/2	42,086	1/2	53,638	1/2	65,189	1/2	76,740	1/2	88,292	1/2	99,843	1/2	111,395
3/4	7,956	3/4	19,507	3/4	30,952	3/4	42,327	3/4	53,878	3/4	65,430	3/4	76,981	3/4	88,533	3/4	100,084	3/4	111,635
10	8,197	10	19,748	10	31,185	10	42,568	10	54,119	10	65,670	10	77,222	10	88,773	10	100,325	10	111,876
1/4	8,437	1/4	19,988	1/4	31,419	1/4	42,808	1/4	54,360	1/4	65,911	1/4	77,462	1/4	89,014	1/4	100,565	1/4	112,117
1/2	8,678	1/2	20,229	1/2	31,653	1/2	43,049	1/2	54,600	1/2	66,152	1/2	77,703	1/2	89,254	1/2	100,806	1/2	112,357
3/4	8,919	3/4	20,470	3/4	31,886	3/4	43,289	3/4	54,841	3/4	66,392	3/4	77,944	3/4	89,495	3/4	101,047	3/4	112,598
11	9,159	11	20,710	11	32,120	11	43,530	11	55,082	11	66,633	11	78,184	11	89,736	11	101,287	11	112,839
1/4	9,400	1/4	20,951	1/4	32,353	1/4	43,771	1/4	55,322	1/4	66,874	1/4	78,425	1/4	89,976	1/4	101,528	1/4	113,079
1/2	9,640	1/2	21,191	1/2	32,587	1/2	44,011	1/2	55,563	1/2	67,114	1/2	78,666	1/2	90,217	1/2	101,769	1/2	113,320
3/4	9,881	3/4	21,432	3/4	32,821	3/4	44,252	3/4	55,804	3/4	67,355	3/4	78,906	3/4	90,458	3/4	102,009	3/4	113,561

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  
<http://www.pmacorp.net>



# BARGE "IB 1967"

## 2 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	113,801	0	125,353	0	136,904	0	148,456	0	159,999	0		0		0		0		0	
1/4	114,042	1/4	125,593	1/4	137,145	1/4	148,696	1/4	160,216	1/4		1/4		1/4		1/4		1/4	
1/2	114,283	1/2	125,834	1/2	137,385	1/2	148,937	1/2	160,433	1/2		1/2		1/2		1/2		1/2	
3/4	114,523	3/4	126,075	3/4	137,626	3/4	149,177	3/4	160,651	3/4		3/4		3/4		3/4		3/4	
1	114,764	1	126,315	1	137,867	1	149,418	1	160,868	1		1		1		1		1	
1/4	115,005	1/4	126,556	1/4	138,107	1/4	149,659	1/4	161,008	1/4		1/4		1/4		1/4		1/4	
1/2	115,245	1/2	126,797	1/2	138,348	1/2	149,899	1/2	161,149	1/2		1/2		1/2		1/2		1/2	
3/4	115,486	3/4	127,037	3/4	138,589	3/4	150,140	3/4	161,289	3/4		3/4		3/4		3/4		3/4	
2	115,727	2	127,278	2	138,829	2	150,381	2	161,429	2		2		2		2		2	
1/4	115,967	1/4	127,519	1/4	139,070	1/4	150,621	1/4	161,490	1/4		1/4		1/4		1/4		1/4	
1/2	116,208	1/2	127,759	1/2	139,311	1/2	150,862	1/2	161,550	1/2		1/2		1/2		1/2		1/2	
3/4	116,448	3/4	128,000	3/4	139,551	3/4	151,103	3/4	161,610	3/4		3/4		3/4		3/4		3/4	
3	116,689	3	128,241	3	139,792	3	151,343	3	161,670	3		3		3		3		3	
1/4	116,930	1/4	128,481	1/4	140,033	1/4	151,584	1/4	161,680	1/4		1/4		1/4		1/4		1/4	
1/2	117,170	1/2	128,722	1/2	140,273	1/2	151,825	1/2	161,680	1/2		1/2		1/2		1/2		1/2	
3/4	117,411	3/4	128,963	3/4	140,514	3/4	152,065	3/4	161,680	3/4		3/4		3/4		3/4		3/4	
4	117,652	4	129,203	4	140,755	4	152,306	4	161,680	4		4		4		4		4	
1/4	117,892	1/4	129,444	1/4	140,995	1/4	152,547	1/4	161,680	1/4		1/4		1/4		1/4		1/4	
1/2	118,133	1/2	129,684	1/2	141,236	1/2	152,787	1/2	161,680	1/2		1/2		1/2		1/2		1/2	
3/4	118,374	3/4	129,925	3/4	141,477	3/4	153,028	3/4	161,680	3/4		3/4		3/4		3/4		3/4	
5	118,614	5	130,166	5	141,717	5	153,269	5	161,680	5		5		5		5		5	
1/4	118,855	1/4	130,406	1/4	141,958	1/4	153,509	1/4	161,680	1/4		1/4		1/4		1/4		1/4	
1/2	119,096	1/2	130,647	1/2	142,199	1/2	153,750	1/2	161,680	1/2		1/2		1/2		1/2		1/2	
3/4	119,336	3/4	130,888	3/4	142,439	3/4	153,991	3/4	161,680	3/4		3/4		3/4		3/4		3/4	
6	119,577	6	131,128	6	142,680	6	154,231	6	161,680	6		6		6		6		6	
1/4	119,818	1/4	131,369	1/4	142,920	1/4	154,472	1/4	161,680	1/4		1/4		1/4		1/4		1/4	
1/2	120,058	1/2	131,610	1/2	143,161	1/2	154,713	1/2	161,680	1/2		1/2		1/2		1/2		1/2	
3/4	120,299	3/4	131,850	3/4	143,402	3/4	154,953	3/4	161,680	3/4		3/4		3/4		3/4		3/4	
7	120,540	7	132,091	7	143,642	7	155,194	7	161,680	7		7		7		7		7	
1/4	120,780	1/4	132,332	1/4	143,883	1/4	155,435	1/4	161,680	1/4		1/4		1/4		1/4		1/4	
1/2	121,021	1/2	132,572	1/2	144,124	1/2	155,675	1/2	161,680	1/2		1/2		1/2		1/2		1/2	
3/4	121,262	3/4	132,813	3/4	144,364	3/4	155,916	3/4	161,680	3/4		3/4		3/4		3/4		3/4	
8	121,502	8	133,054	8	144,605	8	156,156	8	161,680	8		8		8		8		8	
1/4	121,743	1/4	133,294	1/4	144,846	1/4	156,397	1/4	161,680	1/4		1/4		1/4		1/4		1/4	
1/2	121,984	1/2	133,535	1/2	145,086	1/2	156,638	1/2	161,680	1/2		1/2		1/2		1/2		1/2	
3/4	122,224	3/4	133,776	3/4	145,327	3/4	156,878	3/4	161,680	3/4		3/4		3/4		3/4		3/4	
9	122,465	9	134,016	9	145,568	9	157,119	9	161,680	9		9		9		9		9	
1/4	122,705	1/4	134,257	1/4	145,808	1/4	157,360	1/4	161,680	1/4		1/4		1/4		1/4		1/4	
1/2	122,946	1/2	134,498	1/2	146,049	1/2	157,600	1/2	161,680	1/2		1/2		1/2		1/2		1/2	
3/4	123,187	3/4	134,738	3/4	146,290	3/4	157,841	3/4	161,680	3/4		3/4		3/4		3/4		3/4	
10	123,427	10	134,979	10	146,530	10	158,082	10	161,680	10		10		10		10		10	
1/4	123,668	1/4	135,220	1/4	146,771	1/4	158,322	1/4	161,680	1/4		1/4		1/4		1/4		1/4	
1/2	123,909	1/2	135,460	1/2	147,012	1/2	158,562	1/2	161,680	1/2		1/2		1/2		1/2		1/2	
3/4	124,149	3/4	135,701	3/4	147,252	3/4	158,802	3/4	161,680	3/4		3/4		3/4		3/4		3/4	
11	124,390	11	135,941	11	147,493	11	159,043	11	161,680	11		11		11		11		11	
1/4	124,631	1/4	136,182	1/4	147,734	1/4	159,282	1/4	161,680	1/4		1/4		1/4		1/4		1/4	
1/2	124,871	1/2	136,423	1/2	147,974	1/2	159,521	1/2	161,680	1/2		1/2		1/2		1/2		1/2	
3/4	125,112	3/4	136,663	3/4	148,215	3/4	159,760	3/4	161,680	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2016 CL  
CALCULATED: 03/06/2016 CL  
PRINTED: 03/06/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2016

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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<http://www.pmacorp.net>



# BARGE "IB 1967"

## 3 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	10,015	0	21,443	0	32,861	0	44,284	0	55,713	0	67,142	0	78,571	0	90,000	0	101,429
1/4	66	1/4	10,253	1/4	21,682	1/4	33,099	1/4	44,522	1/4	55,951	1/4	67,380	1/4	78,809	1/4	90,238	1/4	101,667
1/2	106	1/2	10,491	1/2	21,920	1/2	33,337	1/2	44,760	1/2	56,189	1/2	67,618	1/2	79,047	1/2	90,476	1/2	101,905
3/4	145	3/4	10,729	3/4	22,158	3/4	33,574	3/4	44,998	3/4	56,427	3/4	67,856	3/4	79,285	3/4	90,714	3/4	102,143
1	185	1	10,967	1	22,396	1	33,812	1	45,236	1	56,665	1	68,094	1	79,523	1	90,952	1	102,381
1/4	304	1/4	11,205	1/4	22,634	1/4	34,050	1/4	45,474	1/4	56,903	1/4	68,332	1/4	79,761	1/4	91,190	1/4	102,619
1/2	423	1/2	11,443	1/2	22,872	1/2	34,287	1/2	45,712	1/2	57,141	1/2	68,570	1/2	79,999	1/2	91,428	1/2	102,858
3/4	542	3/4	11,681	3/4	23,110	3/4	34,525	3/4	45,950	3/4	57,379	3/4	68,808	3/4	80,238	3/4	91,667	3/4	103,096
2	661	2	11,920	2	23,348	2	34,763	2	46,188	2	57,618	2	69,047	2	80,476	2	91,905	2	103,334
1/4	859	1/4	12,158	1/4	23,586	1/4	35,000	1/4	46,427	1/4	57,856	1/4	69,285	1/4	80,714	1/4	92,143	1/4	103,572
1/2	1,058	1/2	12,396	1/2	23,824	1/2	35,238	1/2	46,665	1/2	58,094	1/2	69,523	1/2	80,952	1/2	92,381	1/2	103,810
3/4	1,256	3/4	12,634	3/4	24,062	3/4	35,476	3/4	46,903	3/4	58,332	3/4	69,761	3/4	81,190	3/4	92,619	3/4	104,048
3	1,454	3	12,872	3	24,301	3	35,713	3	47,141	3	58,570	3	69,999	3	81,428	3	92,857	3	104,286
1/4	1,690	1/4	13,110	1/4	24,539	1/4	35,951	1/4	47,379	1/4	58,808	1/4	70,237	1/4	81,666	1/4	93,095	1/4	104,524
1/2	1,926	1/2	13,348	1/2	24,777	1/2	36,189	1/2	47,617	1/2	59,046	1/2	70,475	1/2	81,904	1/2	93,333	1/2	104,762
3/4	2,163	3/4	13,586	3/4	25,015	3/4	36,427	3/4	47,855	3/4	59,284	3/4	70,713	3/4	82,142	3/4	93,571	3/4	105,000
4	2,399	4	13,824	4	25,253	4	36,664	4	48,093	4	59,522	4	70,951	4	82,380	4	93,810	4	105,239
1/4	2,636	1/4	14,062	1/4	25,491	1/4	36,902	1/4	48,331	1/4	59,760	1/4	71,190	1/4	82,619	1/4	94,048	1/4	105,477
1/2	2,874	1/2	14,301	1/2	25,729	1/2	37,140	1/2	48,570	1/2	59,999	1/2	71,428	1/2	82,857	1/2	94,286	1/2	105,715
3/4	3,111	3/4	14,539	3/4	25,967	3/4	37,379	3/4	48,808	3/4	60,237	3/4	71,666	3/4	83,095	3/4	94,524	3/4	105,953
5	3,349	5	14,777	5	26,205	5	37,617	5	49,046	5	60,475	5	71,904	5	83,333	5	94,762	5	106,191
1/4	3,587	1/4	15,015	1/4	26,443	1/4	37,855	1/4	49,284	1/4	60,713	1/4	72,142	1/4	83,571	1/4	95,000	1/4	106,429
1/2	3,825	1/2	15,253	1/2	26,682	1/2	38,093	1/2	49,522	1/2	60,951	1/2	72,380	1/2	83,809	1/2	95,238	1/2	106,667
3/4	4,063	3/4	15,491	3/4	26,920	3/4	38,331	3/4	49,760	3/4	61,189	3/4	72,618	3/4	84,047	3/4	95,476	3/4	106,905
6	4,301	6	15,729	6	27,158	6	38,569	6	49,998	6	61,427	6	72,856	6	84,285	6	95,714	6	107,143
1/4	4,539	1/4	15,967	1/4	27,395	1/4	38,807	1/4	50,236	1/4	61,665	1/4	73,094	1/4	84,523	1/4	95,952	1/4	107,382
1/2	4,777	1/2	16,205	1/2	27,633	1/2	39,045	1/2	50,474	1/2	61,903	1/2	73,332	1/2	84,762	1/2	96,191	1/2	107,620
3/4	5,015	3/4	16,443	3/4	27,871	3/4	39,283	3/4	50,712	3/4	62,142	3/4	73,571	3/4	85,000	3/4	96,429	3/4	107,858
7	5,253	7	16,681	7	28,108	7	39,522	7	50,951	7	62,380	7	73,809	7	85,238	7	96,667	7	108,096
1/4	5,491	1/4	16,920	1/4	28,346	1/4	39,760	1/4	51,189	1/4	62,618	1/4	74,047	1/4	85,476	1/4	96,905	1/4	108,334
1/2	5,729	1/2	17,158	1/2	28,584	1/2	39,998	1/2	51,427	1/2	62,856	1/2	74,285	1/2	85,714	1/2	97,143	1/2	108,572
3/4	5,967	3/4	17,396	3/4	28,821	3/4	40,236	3/4	51,665	3/4	63,094	3/4	74,523	3/4	85,952	3/4	97,381	3/4	108,810
8	6,205	8	17,634	8	29,059	8	40,474	8	51,903	8	63,332	8	74,761	8	86,190	8	97,619	8	109,048
1/4	6,443	1/4	17,872	1/4	29,297	1/4	40,712	1/4	52,141	1/4	63,570	1/4	74,999	1/4	86,428	1/4	97,857	1/4	109,286
1/2	6,682	1/2	18,110	1/2	29,534	1/2	40,950	1/2	52,379	1/2	63,808	1/2	75,237	1/2	86,666	1/2	98,095	1/2	109,524
3/4	6,920	3/4	18,348	3/4	29,772	3/4	41,188	3/4	52,617	3/4	64,046	3/4	75,475	3/4	86,904	3/4	98,334	3/4	109,763
9	7,158	9	18,586	9	30,010	9	41,426	9	52,855	9	64,284	9	75,714	9	87,143	9	98,572	9	110,001
1/4	7,396	1/4	18,824	1/4	30,247	1/4	41,664	1/4	53,094	1/4	64,523	1/4	75,952	1/4	87,381	1/4	98,810	1/4	110,239
1/2	7,634	1/2	19,062	1/2	30,485	1/2	41,903	1/2	53,332	1/2	64,761	1/2	76,190	1/2	87,619	1/2	99,048	1/2	110,477
3/4	7,872	3/4	19,301	3/4	30,722	3/4	42,141	3/4	53,570	3/4	64,999	3/4	76,428	3/4	87,857	3/4	99,286	3/4	110,715
10	8,110	10	19,539	10	30,960	10	42,379	10	53,808	10	65,237	10	76,666	10	88,095	10	99,524	10	110,953
1/4	8,348	1/4	19,777	1/4	31,198	1/4	42,617	1/4	54,046	1/4	65,475	1/4	76,904	1/4	88,333	1/4	99,762	1/4	111,191
1/2	8,586	1/2	20,015	1/2	31,435	1/2	42,855	1/2	54,284	1/2	65,713	1/2	77,142	1/2	88,571	1/2	100,000	1/2	111,429
3/4	8,824	3/4	20,253	3/4	31,673	3/4	43,093	3/4	54,522	3/4	65,951	3/4	77,380	3/4	88,809	3/4	100,238	3/4	111,667
11	9,062	11	20,491	11	31,911	11	43,331	11	54,760	11	66,189	11	77,618	11	89,047	11	100,476	11	111,906
1/4	9,301	1/4	20,729	1/4	32,148	1/4	43,569	1/4	54,998	1/4	66,427	1/4	77,856	1/4	89,286	1/4	100,715	1/4	112,144
1/2	9,539	1/2	20,967	1/2	32,386	1/2	43,807	1/2	55,236	1/2	66,666	1/2	78,095	1/2	89,524	1/2	100,953	1/2	112,382
3/4	9,777	3/4	21,205	3/4	32,624	3/4	44,046	3/4	55,475	3/4	66,904	3/4	78,333	3/4	89,762	3/4	101,191	3/4	112,620

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 1967"

## 3 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	112,858	0	124,287	0	135,716	0	147,145	0	158,566	0		0		0		0		0	
1/4	113,096	1/4	124,525	1/4	135,954	1/4	147,383	1/4	158,781	1/4		1/4		1/4		1/4		1/4	
1/2	113,334	1/2	124,763	1/2	136,192	1/2	147,621	1/2	158,996	1/2		1/2		1/2		1/2		1/2	
3/4	113,572	3/4	125,001	3/4	136,430	3/4	147,859	3/4	159,211	3/4		3/4		3/4		3/4		3/4	
1	113,810	1	125,239	1	136,668	1	148,098	1	159,426	1		1		1		1		1	
1/4	114,048	1/4	125,478	1/4	136,907	1/4	148,336	1/4	159,565	1/4		1/4		1/4		1/4		1/4	
1/2	114,287	1/2	125,716	1/2	137,145	1/2	148,574	1/2	159,704	1/2		1/2		1/2		1/2		1/2	
3/4	114,525	3/4	125,954	3/4	137,383	3/4	148,812	3/4	159,843	3/4		3/4		3/4		3/4		3/4	
2	114,763	2	126,192	2	137,621	2	149,050	2	159,982	2		2		2		2		2	
1/4	115,001	1/4	126,430	1/4	137,859	1/4	149,288	1/4	160,041	1/4		1/4		1/4		1/4		1/4	
1/2	115,239	1/2	126,668	1/2	138,097	1/2	149,526	1/2	160,101	1/2		1/2		1/2		1/2		1/2	
3/4	115,477	3/4	126,906	3/4	138,335	3/4	149,764	3/4	160,160	3/4		3/4		3/4		3/4		3/4	
3	115,715	3	127,144	3	138,573	3	150,002	3	160,220	3		3		3		3		3	
1/4	115,953	1/4	127,382	1/4	138,811	1/4	150,240	1/4	160,230	1/4		1/4		1/4		1/4		1/4	
1/2	116,191	1/2	127,620	1/2	139,050	1/2	150,479	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,430	3/4	127,859	3/4	139,288	3/4	150,717	3/4		3/4		3/4		3/4		3/4		3/4	
4	116,668	4	128,097	4	139,526	4	150,955	4		4		4		4		4		4	
1/4	116,906	1/4	128,335	1/4	139,764	1/4	151,193	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,144	1/2	128,573	1/2	140,002	1/2	151,431	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,382	3/4	128,811	3/4	140,240	3/4	151,669	3/4		3/4		3/4		3/4		3/4		3/4	
5	117,620	5	129,049	5	140,478	5	151,907	5		5		5		5		5		5	
1/4	117,858	1/4	129,287	1/4	140,716	1/4	152,145	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,096	1/2	129,525	1/2	140,954	1/2	152,383	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,334	3/4	129,763	3/4	141,192	3/4	152,622	3/4		3/4		3/4		3/4		3/4		3/4	
6	118,572	6	130,002	6	141,431	6	152,860	6		6		6		6		6		6	
1/4	118,811	1/4	130,240	1/4	141,669	1/4	153,098	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,049	1/2	130,478	1/2	141,907	1/2	153,336	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,287	3/4	130,716	3/4	142,145	3/4	153,574	3/4		3/4		3/4		3/4		3/4		3/4	
7	119,525	7	130,954	7	142,383	7	153,812	7		7		7		7		7		7	
1/4	119,763	1/4	131,192	1/4	142,621	1/4	154,050	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,001	1/2	131,430	1/2	142,859	1/2	154,288	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,239	3/4	131,668	3/4	143,097	3/4	154,526	3/4		3/4		3/4		3/4		3/4		3/4	
8	120,477	8	131,906	8	143,335	8	154,764	8		8		8		8		8		8	
1/4	120,715	1/4	132,144	1/4	143,574	1/4	155,003	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,954	1/2	132,383	1/2	143,812	1/2	155,241	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,192	3/4	132,621	3/4	144,050	3/4	155,479	3/4		3/4		3/4		3/4		3/4		3/4	
9	121,430	9	132,859	9	144,288	9	155,717	9		9		9		9		9		9	
1/4	121,668	1/4	133,097	1/4	144,526	1/4	155,955	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,906	1/2	133,335	1/2	144,764	1/2	156,193	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,144	3/4	133,573	3/4	145,002	3/4	156,431	3/4		3/4		3/4		3/4		3/4		3/4	
10	122,382	10	133,811	10	145,240	10	156,669	10		10		10		10		10		10	
1/4	122,620	1/4	134,049	1/4	145,478	1/4	156,907	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,858	1/2	134,287	1/2	145,716	1/2	157,145	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,096	3/4	134,526	3/4	145,955	3/4	157,382	3/4		3/4		3/4		3/4		3/4		3/4	
11	123,335	11	134,764	11	146,193	11	157,620	11		11		11		11		11		11	
1/4	123,573	1/4	135,002	1/4	146,431	1/4	157,857	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,811	1/2	135,240	1/2	146,669	1/2	158,093	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,049	3/4	135,478	3/4	146,907	3/4	158,330	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 03/06/2016 CL  
PRINTED: 03/06/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2016

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