



BARGE "IB 1959"

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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8'

LENGTH BETWEEN DRAFT MARKS: 182'-09"

July 14, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1959"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	89	0	10,907	0	22,911	0	34,743	0	46,645	0	58,641	0	70,621	0	82,624	0	94,626	0	106,629
1/4	162	1/4	11,157	1/4	23,161	1/4	34,987	1/4	46,895	1/4	58,891	1/4	70,871	1/4	82,874	1/4	94,876	1/4	106,879
1/2	235	1/2	11,407	1/2	23,411	1/2	35,230	1/2	47,145	1/2	59,140	1/2	71,121	1/2	83,124	1/2	95,126	1/2	107,129
3/4	308	3/4	11,657	3/4	23,661	3/4	35,474	3/4	47,395	3/4	59,390	3/4	71,371	3/4	83,374	3/4	95,376	3/4	107,379
1	381	1	11,907	1	23,911	1	35,717	1	47,645	1	59,639	1	71,621	1	83,624	1	95,626	1	107,629
1/4	538	1/4	12,158	1/4	24,161	1/4	35,960	1/4	47,895	1/4	59,889	1/4	71,871	1/4	83,874	1/4	95,876	1/4	107,879
1/2	695	1/2	12,408	1/2	24,411	1/2	36,204	1/2	48,145	1/2	60,138	1/2	72,121	1/2	84,124	1/2	96,126	1/2	108,129
3/4	851	3/4	12,658	3/4	24,661	3/4	36,447	3/4	48,395	3/4	60,388	3/4	72,371	3/4	84,374	3/4	96,376	3/4	108,379
2	1,008	2	12,908	2	24,911	2	36,691	2	48,645	2	60,637	2	72,621	2	84,624	2	96,627	2	108,629
1/4	1,231	1/4	13,158	1/4	25,161	1/4	36,934	1/4	48,895	1/4	60,886	1/4	72,872	1/4	84,874	1/4	96,877	1/4	108,879
1/2	1,455	1/2	13,408	1/2	25,411	1/2	37,177	1/2	49,145	1/2	61,136	1/2	73,122	1/2	85,124	1/2	97,127	1/2	109,129
3/4	1,678	3/4	13,658	3/4	25,661	3/4	37,421	3/4	49,395	3/4	61,385	3/4	73,372	3/4	85,374	3/4	97,377	3/4	109,379
3	1,902	3	13,908	3	25,911	3	37,664	3	49,645	3	61,635	3	73,622	3	85,625	3	97,627	3	109,629
1/4	2,151	1/4	14,158	1/4	26,161	1/4	37,910	1/4	49,895	1/4	61,884	1/4	73,872	1/4	85,875	1/4	97,877	1/4	109,879
1/2	2,400	1/2	14,408	1/2	26,411	1/2	38,156	1/2	50,144	1/2	62,134	1/2	74,122	1/2	86,125	1/2	98,127	1/2	110,129
3/4	2,649	3/4	14,658	3/4	26,662	3/4	38,402	3/4	50,394	3/4	62,383	3/4	74,372	3/4	86,375	3/4	98,377	3/4	110,379
4	2,898	4	14,908	4	26,912	4	38,648	4	50,644	4	62,633	4	74,622	4	86,625	4	98,627	4	110,629
1/4	3,148	1/4	15,158	1/4	27,162	1/4	38,898	1/4	50,894	1/4	62,882	1/4	74,872	1/4	86,875	1/4	98,877	1/4	110,880
1/2	3,398	1/2	15,409	1/2	27,412	1/2	39,148	1/2	51,144	1/2	63,132	1/2	75,122	1/2	87,125	1/2	99,127	1/2	111,130
3/4	3,648	3/4	15,659	3/4	27,662	3/4	39,397	3/4	51,394	3/4	63,381	3/4	75,372	3/4	87,375	3/4	99,377	3/4	111,380
5	3,899	5	15,909	5	27,912	5	39,647	5	51,644	5	63,630	5	75,622	5	87,625	5	99,627	5	111,630
1/4	4,149	1/4	16,159	1/4	28,159	1/4	39,897	1/4	51,894	1/4	63,880	1/4	75,872	1/4	87,875	1/4	99,877	1/4	111,880
1/2	4,400	1/2	16,409	1/2	28,407	1/2	40,147	1/2	52,144	1/2	64,129	1/2	76,122	1/2	88,125	1/2	100,127	1/2	112,130
3/4	4,650	3/4	16,659	3/4	28,655	3/4	40,397	3/4	52,394	3/4	64,379	3/4	76,372	3/4	88,375	3/4	100,377	3/4	112,380
6	4,901	6	16,909	6	28,902	6	40,647	6	52,644	6	64,628	6	76,622	6	88,625	6	100,627	6	112,630
1/4	5,151	1/4	17,159	1/4	29,146	1/4	40,897	1/4	52,894	1/4	64,878	1/4	76,872	1/4	88,875	1/4	100,877	1/4	112,880
1/2	5,402	1/2	17,409	1/2	29,389	1/2	41,147	1/2	53,144	1/2	65,127	1/2	77,123	1/2	89,125	1/2	101,127	1/2	113,130
3/4	5,652	3/4	17,659	3/4	29,632	3/4	41,397	3/4	53,394	3/4	65,377	3/4	77,373	3/4	89,375	3/4	101,377	3/4	113,380
7	5,903	7	17,909	7	29,876	7	41,647	7	53,643	7	65,626	7	77,623	7	89,625	7	101,627	7	113,630
1/4	6,153	1/4	18,159	1/4	30,119	1/4	41,897	1/4	53,893	1/4	65,876	1/4	77,873	1/4	89,876	1/4	101,877	1/4	113,880
1/2	6,403	1/2	18,409	1/2	30,362	1/2	42,147	1/2	54,143	1/2	66,125	1/2	78,123	1/2	90,126	1/2	102,128	1/2	114,130
3/4	6,653	3/4	18,659	3/4	30,606	3/4	42,397	3/4	54,393	3/4	66,375	3/4	78,373	3/4	90,376	3/4	102,378	3/4	114,380
8	6,904	8	18,909	8	30,849	8	42,647	8	54,643	8	66,624	8	78,623	8	90,626	8	102,628	8	114,630
1/4	7,154	1/4	19,160	1/4	31,093	1/4	42,896	1/4	54,893	1/4	66,873	1/4	78,873	1/4	90,876	1/4	102,878	1/4	114,880
1/2	7,404	1/2	19,410	1/2	31,336	1/2	43,146	1/2	55,143	1/2	67,123	1/2	79,123	1/2	91,126	1/2	103,128	1/2	115,131
3/4	7,654	3/4	19,660	3/4	31,579	3/4	43,396	3/4	55,393	3/4	67,372	3/4	79,373	3/4	91,376	3/4	103,378	3/4	115,381
9	7,905	9	19,910	9	31,823	9	43,646	9	55,643	9	67,622	9	79,623	9	91,626	9	103,628	9	115,631
1/4	8,155	1/4	20,160	1/4	32,066	1/4	43,896	1/4	55,893	1/4	67,871	1/4	79,873	1/4	91,876	1/4	103,878	1/4	115,881
1/2	8,405	1/2	20,410	1/2	32,310	1/2	44,146	1/2	56,143	1/2	68,121	1/2	80,123	1/2	92,126	1/2	104,128	1/2	116,131
3/4	8,656	3/4	20,660	3/4	32,553	3/4	44,396	3/4	56,393	3/4	68,371	3/4	80,373	3/4	92,376	3/4	104,378	3/4	116,381
10	8,906	10	20,910	10	32,796	10	44,646	10	56,643	10	68,621	10	80,623	10	92,626	10	104,628	10	116,631
1/4	9,156	1/4	21,160	1/4	33,040	1/4	44,896	1/4	56,893	1/4	68,871	1/4	80,873	1/4	92,876	1/4	104,878	1/4	116,881
1/2	9,406	1/2	21,410	1/2	33,283	1/2	45,146	1/2	57,142	1/2	69,121	1/2	81,123	1/2	93,126	1/2	105,128	1/2	117,131
3/4	9,657	3/4	21,660	3/4	33,526	3/4	45,396	3/4	57,392	3/4	69,371	3/4	81,374	3/4	93,376	3/4	105,378	3/4	117,382
11	9,907	11	21,910	11	33,770	11	45,646	11	57,642	11	69,621	11	81,624	11	93,626	11	105,628	11	117,632
1/4	10,157	1/4	22,160	1/4	34,013	1/4	45,896	1/4	57,892	1/4	69,871	1/4	81,874	1/4	93,876	1/4	105,878	1/4	117,882
1/2	10,407	1/2	22,410	1/2	34,257	1/2	46,146	1/2	58,142	1/2	70,121	1/2	82,124	1/2	94,126	1/2	106,128	1/2	118,133
3/4	10,657	3/4	22,660	3/4	34,500	3/4	46,396	3/4	58,392	3/4	70,371	3/4	82,374	3/4	94,376	3/4	106,378	3/4	118,384

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 INNGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "IB 1959"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

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	118,634	0	129,110	0	136,881	0	144,653	0	152,392	0		0		0		0			
1/4	118,885	1/4	129,271	1/4	137,043	1/4	144,815	1/4	152,508	1/4		1/4		1/4		1/4		1/4	
1/2	119,135	1/2	129,433	1/2	137,205	1/2	144,977	1/2	152,623	1/2		1/2		1/2		1/2		1/2	
3/4	119,386	3/4	129,595	3/4	137,367	3/4	145,139	3/4	152,739	3/4		3/4		3/4		3/4		3/4	
1	119,636	1	129,757	1	137,529	1	145,301	1	152,855	1		1		1		1		1	
1/4	119,887	1/4	129,919	1/4	137,691	1/4	145,463	1/4	152,925	1/4		1/4		1/4		1/4		1/4	
1/2	120,137	1/2	130,081	1/2	137,853	1/2	145,625	1/2	152,995	1/2		1/2		1/2		1/2		1/2	
3/4	120,388	3/4	130,243	3/4	138,015	3/4	145,787	3/4	153,064	3/4		3/4		3/4		3/4		3/4	
2	120,639	2	130,405	2	138,177	2	145,949	2	153,134	2		2		2		2		2	
1/4	120,889	1/4	130,567	1/4	138,339	1/4	146,111	1/4	153,186	1/4		1/4		1/4		1/4		1/4	
1/2	121,140	1/2	130,729	1/2	138,501	1/2	146,273	1/2	153,237	1/2		1/2		1/2		1/2		1/2	
3/4	121,390	3/4	130,891	3/4	138,663	3/4	146,434	3/4	153,289	3/4		3/4		3/4		3/4		3/4	
3	121,641	3	131,053	3	138,824	3	146,596	3	153,341	3		3		3		3		3	
1/4	121,891	1/4	131,214	1/4	138,986	1/4	146,758	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,142	1/2	131,376	1/2	139,148	1/2	146,920	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,392	3/4	131,538	3/4	139,310	3/4	147,082	3/4		3/4		3/4		3/4		3/4		3/4	
4	122,643	4	131,700	4	139,472	4	147,244	4		4		4		4		4		4	
1/4	122,894	1/4	131,862	1/4	139,634	1/4	147,406	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,144	1/2	132,024	1/2	139,796	1/2	147,568	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,395	3/4	132,186	3/4	139,958	3/4	147,730	3/4		3/4		3/4		3/4		3/4		3/4	
5	123,645	5	132,348	5	140,120	5	147,892	5		5		5		5		5		5	
1/4	123,896	1/4	132,510	1/4	140,282	1/4	148,054	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,146	1/2	132,672	1/2	140,444	1/2	148,216	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,397	3/4	132,834	3/4	140,606	3/4	148,377	3/4		3/4		3/4		3/4		3/4		3/4	
6	124,647	6	132,996	6	140,767	6	148,539	6		6		6		6		6		6	
1/4	124,898	1/4	133,157	1/4	140,929	1/4	148,701	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,149	1/2	133,319	1/2	141,091	1/2	148,863	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,399	3/4	133,481	3/4	141,253	3/4	149,025	3/4		3/4		3/4		3/4		3/4		3/4	
7	125,650	7	133,643	7	141,415	7	149,187	7		7		7		7		7		7	
1/4	125,867	1/4	133,805	1/4	141,577	1/4	149,349	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,084	1/2	133,967	1/2	141,739	1/2	149,511	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,302	3/4	134,129	3/4	141,901	3/4	149,673	3/4		3/4		3/4		3/4		3/4		3/4	
8	126,519	8	134,291	8	142,063	8	149,835	8		8		8		8		8		8	
1/4	126,681	1/4	134,453	1/4	142,225	1/4	149,997	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,843	1/2	134,615	1/2	142,387	1/2	150,158	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,005	3/4	134,777	3/4	142,549	3/4	150,320	3/4		3/4		3/4		3/4		3/4		3/4	
9	127,167	9	134,939	9	142,710	9	150,482	9		9		9		9		9		9	
1/4	127,329	1/4	135,100	1/4	142,872	1/4	150,644	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,490	1/2	135,262	1/2	143,034	1/2	150,806	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,652	3/4	135,424	3/4	143,196	3/4	150,968	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,814	10	135,586	10	143,358	10	151,129	10		10		10		10		10		10	
1/4	127,976	1/4	135,748	1/4	143,520	1/4	151,291	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,138	1/2	135,910	1/2	143,682	1/2	151,452	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,300	3/4	136,072	3/4	143,844	3/4	151,613	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,462	11	136,234	11	144,006	11	151,774	11		11		11		11		11		11	
1/4	128,624	1/4	136,396	1/4	144,168	1/4	151,929	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,786	1/2	136,558	1/2	144,330	1/2	152,083	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,948	3/4	136,720	3/4	144,491	3/4	152,238	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/10/2015 CL
CALCULATED: 07/13/2015 CL
PRINTED: 07/14/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

PRECISION MEASUREMENT
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BARGE "IB 1959"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	86	0	10,454	0	21,973	0	33,311	0	44,729	0	56,248	0	67,768	0	79,287	0	90,807	0	102,326
1/4	156	1/4	10,694	1/4	22,213	1/4	33,544	1/4	44,969	1/4	56,488	1/4	68,008	1/4	79,527	1/4	91,047	1/4	102,566
1/2	226	1/2	10,934	1/2	22,453	1/2	33,777	1/2	45,209	1/2	56,728	1/2	68,248	1/2	79,767	1/2	91,287	1/2	102,806
3/4	296	3/4	11,174	3/4	22,693	3/4	34,010	3/4	45,449	3/4	56,968	3/4	68,488	3/4	80,007	3/4	91,527	3/4	103,046
1	366	1	11,414	1	22,933	1	34,243	1	45,689	1	57,208	1	68,728	1	80,247	1	91,767	1	103,286
1/4	516	1/4	11,654	1/4	23,173	1/4	34,476	1/4	45,929	1/4	57,448	1/4	68,968	1/4	80,487	1/4	92,007	1/4	103,526
1/2	666	1/2	11,894	1/2	23,413	1/2	34,709	1/2	46,169	1/2	57,688	1/2	69,208	1/2	80,727	1/2	92,247	1/2	103,766
3/4	816	3/4	12,134	3/4	23,653	3/4	34,942	3/4	46,409	3/4	57,928	3/4	69,448	3/4	80,967	3/4	92,487	3/4	104,006
2	966	2	12,374	2	23,893	2	35,175	2	46,649	2	58,168	2	69,688	2	81,207	2	92,727	2	104,246
1/4	1,180	1/4	12,614	1/4	24,133	1/4	35,408	1/4	46,889	1/4	58,408	1/4	69,928	1/4	81,447	1/4	92,967	1/4	104,486
1/2	1,394	1/2	12,854	1/2	24,373	1/2	35,641	1/2	47,129	1/2	58,648	1/2	70,168	1/2	81,687	1/2	93,207	1/2	104,726
3/4	1,608	3/4	13,094	3/4	24,613	3/4	35,874	3/4	47,369	3/4	58,888	3/4	70,408	3/4	81,927	3/4	93,447	3/4	104,966
3	1,823	3	13,334	3	24,853	3	36,107	3	47,609	3	59,128	3	70,648	3	82,167	3	93,687	3	105,206
1/4	2,061	1/4	13,574	1/4	25,093	1/4	36,342	1/4	47,849	1/4	59,368	1/4	70,888	1/4	82,407	1/4	93,927	1/4	105,446
1/2	2,300	1/2	13,814	1/2	25,333	1/2	36,578	1/2	48,089	1/2	59,608	1/2	71,128	1/2	82,647	1/2	94,167	1/2	105,686
3/4	2,538	3/4	14,054	3/4	25,573	3/4	36,813	3/4	48,329	3/4	59,848	3/4	71,368	3/4	82,887	3/4	94,406	3/4	105,926
4	2,776	4	14,294	4	25,813	4	37,049	4	48,569	4	60,088	4	71,608	4	83,127	4	94,646	4	106,166
1/4	3,016	1/4	14,533	1/4	26,053	1/4	37,289	1/4	48,809	1/4	60,328	1/4	71,848	1/4	83,367	1/4	94,886	1/4	106,406
1/2	3,256	1/2	14,773	1/2	26,293	1/2	37,529	1/2	49,049	1/2	60,568	1/2	72,087	1/2	83,607	1/2	95,126	1/2	106,646
3/4	3,495	3/4	15,013	3/4	26,532	3/4	37,769	3/4	49,289	3/4	60,808	3/4	72,327	3/4	83,847	3/4	95,366	3/4	106,886
5	3,735	5	15,253	5	26,772	5	38,009	5	49,528	5	61,048	5	72,567	5	84,087	5	95,606	5	107,126
1/4	3,975	1/4	15,493	1/4	27,010	1/4	38,249	1/4	49,768	1/4	61,288	1/4	72,807	1/4	84,327	1/4	95,846	1/4	107,366
1/2	4,215	1/2	15,733	1/2	27,247	1/2	38,489	1/2	50,008	1/2	61,528	1/2	73,047	1/2	84,567	1/2	96,086	1/2	107,606
3/4	4,455	3/4	15,973	3/4	27,484	3/4	38,729	3/4	50,248	3/4	61,768	3/4	73,287	3/4	84,807	3/4	96,326	3/4	107,846
6	4,694	6	16,213	6	27,722	6	38,969	6	50,488	6	62,008	6	73,527	6	85,047	6	96,566	6	108,086
1/4	4,934	1/4	16,453	1/4	27,955	1/4	39,209	1/4	50,728	1/4	62,248	1/4	73,767	1/4	85,287	1/4	96,806	1/4	108,326
1/2	5,174	1/2	16,693	1/2	28,188	1/2	39,449	1/2	50,968	1/2	62,488	1/2	74,007	1/2	85,527	1/2	97,046	1/2	108,566
3/4	5,414	3/4	16,933	3/4	28,420	3/4	39,689	3/4	51,208	3/4	62,728	3/4	74,247	3/4	85,767	3/4	97,286	3/4	108,806
7	5,654	7	17,173	7	28,653	7	39,929	7	51,448	7	62,968	7	74,487	7	86,007	7	97,526	7	109,046
1/4	5,894	1/4	17,413	1/4	28,886	1/4	40,169	1/4	51,688	1/4	63,208	1/4	74,727	1/4	86,247	1/4	97,766	1/4	109,286
1/2	6,134	1/2	17,653	1/2	29,119	1/2	40,409	1/2	51,928	1/2	63,448	1/2	74,967	1/2	86,487	1/2	98,006	1/2	109,526
3/4	6,374	3/4	17,893	3/4	29,352	3/4	40,649	3/4	52,168	3/4	63,688	3/4	75,207	3/4	86,727	3/4	98,246	3/4	109,766
8	6,614	8	18,133	8	29,585	8	40,889	8	52,408	8	63,928	8	75,447	8	86,967	8	98,486	8	110,006
1/4	6,854	1/4	18,373	1/4	29,818	1/4	41,129	1/4	52,648	1/4	64,168	1/4	75,687	1/4	87,207	1/4	98,726	1/4	110,246
1/2	7,094	1/2	18,613	1/2	30,051	1/2	41,369	1/2	52,888	1/2	64,408	1/2	75,927	1/2	87,447	1/2	98,966	1/2	110,486
3/4	7,334	3/4	18,853	3/4	30,284	3/4	41,609	3/4	53,128	3/4	64,648	3/4	76,167	3/4	87,687	3/4	99,206	3/4	110,726
9	7,574	9	19,093	9	30,517	9	41,849	9	53,368	9	64,888	9	76,407	9	87,927	9	99,446	9	110,966
1/4	7,814	1/4	19,333	1/4	30,750	1/4	42,089	1/4	53,608	1/4	65,128	1/4	76,647	1/4	88,167	1/4	99,686	1/4	111,206
1/2	8,054	1/2	19,573	1/2	30,982	1/2	42,329	1/2	53,848	1/2	65,368	1/2	76,887	1/2	88,407	1/2	99,926	1/2	111,446
3/4	8,294	3/4	19,813	3/4	31,215	3/4	42,569	3/4	54,088	3/4	65,608	3/4	77,127	3/4	88,647	3/4	100,166	3/4	111,686
10	8,534	10	20,053	10	31,448	10	42,809	10	54,328	10	65,848	10	77,367	10	88,887	10	100,406	10	111,926
1/4	8,774	1/4	20,293	1/4	31,681	1/4	43,049	1/4	54,568	1/4	66,088	1/4	77,607	1/4	89,127	1/4	100,646	1/4	112,166
1/2	9,014	1/2	20,533	1/2	31,914	1/2	43,289	1/2	54,808	1/2	66,328	1/2	77,847	1/2	89,367	1/2	100,886	1/2	112,406
3/4	9,254	3/4	20,773	3/4	32,147	3/4	43,529	3/4	55,048	3/4	66,568	3/4	78,087	3/4	89,607	3/4	101,126	3/4	112,646
11	9,494	11	21,013	11	32,380	11	43,769	11	55,288	11	66,808	11	78,327	11	89,847	11	101,366	11	112,886
1/4	9,734	1/4	21,253	1/4	32,613	1/4	44,009	1/4	55,528	1/4	67,048	1/4	78,567	1/4	90,087	1/4	101,606	1/4	113,126
1/2	9,974	1/2	21,493	1/2	32,846	1/2	44,249	1/2	55,768	1/2	67,288	1/2	78,807	1/2	90,327	1/2	101,846	1/2	113,366
3/4	10,214	3/4	21,733	3/4	33,079	3/4	44,489	3/4	56,008	3/4	67,528	3/4	79,047	3/4	90,567	3/4	102,086	3/4	113,606

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 INNGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "IB 1959"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	113,846	0	125,365	0	136,885	0	148,404	0	159,892	0		0		0		0		0	
1/4	114,086	1/4	125,605	1/4	137,125	1/4	148,644	1/4	160,087	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,326	1/2	125,845	1/2	137,365	1/2	148,884	1/2	160,283	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,566	3/4	126,085	3/4	137,605	3/4	149,124	3/4	160,479	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	114,806	1	126,325	1	137,845	1	149,364	1	160,675	1		1	1	1	1	1	1	1	1
1/4	115,046	1/4	126,565	1/4	138,085	1/4	149,604	1/4	160,795	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,286	1/2	126,805	1/2	138,325	1/2	149,844	1/2	160,915	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,526	3/4	127,045	3/4	138,565	3/4	150,084	3/4	161,035	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	115,766	2	127,285	2	138,805	2	150,324	2	161,155	2		2	2	2	2	2	2	2	2
1/4	116,006	1/4	127,525	1/4	139,045	1/4	150,564	1/4	161,204	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	116,246	1/2	127,765	1/2	139,284	1/2	150,804	1/2	161,253	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	116,486	3/4	128,005	3/4	139,524	3/4	151,044	3/4	161,303	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	116,726	3	128,245	3	139,764	3	151,284	3	161,352	3		3	3	3	3	3	3	3	3
1/4	116,965	1/4	128,485	1/4	140,004	1/4	151,524	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,205	1/2	128,725	1/2	140,244	1/2	151,764	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117,445	3/4	128,965	3/4	140,484	3/4	152,004	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	117,685	4	129,205	4	140,724	4	152,244	4		4		4	4	4	4	4	4	4	4
1/4	117,925	1/4	129,445	1/4	140,964	1/4	152,484	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,165	1/2	129,685	1/2	141,204	1/2	152,724	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,405	3/4	129,925	3/4	141,444	3/4	152,964	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	118,645	5	130,165	5	141,684	5	153,204	5		5		5	5	5	5	5	5	5	5
1/4	118,885	1/4	130,405	1/4	141,924	1/4	153,444	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,125	1/2	130,645	1/2	142,164	1/2	153,684	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,365	3/4	130,885	3/4	142,404	3/4	153,924	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	119,605	6	131,125	6	142,644	6	154,164	6		6		6	6	6	6	6	6	6	6
1/4	119,845	1/4	131,365	1/4	142,884	1/4	154,404	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,085	1/2	131,605	1/2	143,124	1/2	154,644	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,325	3/4	131,845	3/4	143,364	3/4	154,884	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	120,565	7	132,085	7	143,604	7	155,124	7		7		7	7	7	7	7	7	7	7
1/4	120,805	1/4	132,325	1/4	143,844	1/4	155,364	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,045	1/2	132,565	1/2	144,084	1/2	155,604	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,285	3/4	132,805	3/4	144,324	3/4	155,844	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	121,525	8	133,045	8	144,564	8	156,084	8		8		8	8	8	8	8	8	8	8
1/4	121,765	1/4	133,285	1/4	144,804	1/4	156,324	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,005	1/2	133,525	1/2	145,044	1/2	156,564	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,245	3/4	133,765	3/4	145,284	3/4	156,804	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	122,485	9	134,005	9	145,524	9	157,044	9		9		9	9	9	9	9	9	9	9
1/4	122,725	1/4	134,245	1/4	145,764	1/4	157,284	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,965	1/2	134,485	1/2	146,004	1/2	157,523	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,205	3/4	134,725	3/4	146,244	3/4	157,763	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	123,445	10	134,965	10	146,484	10	158,003	10		10		10	10	10	10	10	10	10	10
1/4	123,685	1/4	135,205	1/4	146,724	1/4	158,242	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,925	1/2	135,445	1/2	146,964	1/2	158,482	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,165	3/4	135,685	3/4	147,204	3/4	158,721	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	124,405	11	135,925	11	147,444	11	158,960	11		11		11	11	11	11	11	11	11	11
1/4	124,645	1/4	136,165	1/4	147,684	1/4	159,193	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,885	1/2	136,405	1/2	147,924	1/2	159,426	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,125	3/4	136,645	3/4	148,164	3/4	159,659	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: 07/10/2015 CL
CALCULATED: 07/13/2015 CL
PRINTED: 07/14/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

PRECISION MEASUREMENT
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BARGE "IB 1959"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	86	0	10,397	0	21,853	0	33,297	0	44,748	0	56,204	0	67,661	0	79,117	0	90,574	0	102,030
1/4	156	1/4	10,635	1/4	22,092	1/4	33,536	1/4	44,986	1/4	56,443	1/4	67,899	1/4	79,356	1/4	90,812	1/4	102,269
1/2	225	1/2	10,874	1/2	22,330	1/2	33,774	1/2	45,225	1/2	56,682	1/2	68,138	1/2	79,595	1/2	91,051	1/2	102,507
3/4	295	3/4	11,113	3/4	22,569	3/4	34,012	3/4	45,464	3/4	56,920	3/4	68,377	3/4	79,833	3/4	91,290	3/4	102,746
1	364	1	11,352	1	22,808	1	34,250	1	45,703	1	57,159	1	68,615	1	80,072	1	91,528	1	102,985
1/4	514	1/4	11,590	1/4	23,046	1/4	34,489	1/4	45,941	1/4	57,398	1/4	68,854	1/4	80,311	1/4	91,767	1/4	103,223
1/2	663	1/2	11,829	1/2	23,285	1/2	34,727	1/2	46,180	1/2	57,636	1/2	69,093	1/2	80,549	1/2	92,006	1/2	103,462
3/4	812	3/4	12,068	3/4	23,524	3/4	34,965	3/4	46,419	3/4	57,875	3/4	69,331	3/4	80,788	3/4	92,244	3/4	103,701
2	961	2	12,306	2	23,762	2	35,203	2	46,657	2	58,114	2	69,570	2	81,027	2	92,483	2	103,940
1/4	1,174	1/4	12,545	1/4	24,001	1/4	35,442	1/4	46,896	1/4	58,352	1/4	69,809	1/4	81,265	1/4	92,722	1/4	104,178
1/2	1,387	1/2	12,784	1/2	24,240	1/2	35,680	1/2	47,135	1/2	58,591	1/2	70,047	1/2	81,504	1/2	92,960	1/2	104,417
3/4	1,600	3/4	13,022	3/4	24,478	3/4	35,918	3/4	47,373	3/4	58,830	3/4	70,286	3/4	81,743	3/4	93,199	3/4	104,656
3	1,813	3	13,261	3	24,717	3	36,156	3	47,612	3	59,068	3	70,525	3	81,981	3	93,438	3	104,894
1/4	2,050	1/4	13,500	1/4	24,956	1/4	36,395	1/4	47,851	1/4	59,307	1/4	70,764	1/4	82,220	1/4	93,676	1/4	105,133
1/2	2,287	1/2	13,738	1/2	25,194	1/2	36,633	1/2	48,089	1/2	59,546	1/2	71,002	1/2	82,459	1/2	93,915	1/2	105,372
3/4	2,524	3/4	13,977	3/4	25,433	3/4	36,872	3/4	48,328	3/4	59,784	3/4	71,241	3/4	82,697	3/4	94,154	3/4	105,610
4	2,761	4	14,216	4	25,672	4	37,110	4	48,567	4	60,023	4	71,480	4	82,936	4	94,392	4	105,849
1/4	3,000	1/4	14,454	1/4	25,910	1/4	37,349	1/4	48,805	1/4	60,262	1/4	71,718	1/4	83,175	1/4	94,631	1/4	106,088
1/2	3,238	1/2	14,693	1/2	26,149	1/2	37,588	1/2	49,044	1/2	60,500	1/2	71,957	1/2	83,413	1/2	94,870	1/2	106,326
3/4	3,476	3/4	14,932	3/4	26,388	3/4	37,826	3/4	49,283	3/4	60,739	3/4	72,196	3/4	83,652	3/4	95,108	3/4	106,565
5	3,715	5	15,170	5	26,626	5	38,065	5	49,521	5	60,978	5	72,434	5	83,891	5	95,347	5	106,804
1/4	3,953	1/4	15,409	1/4	26,865	1/4	38,304	1/4	49,760	1/4	61,216	1/4	72,673	1/4	84,129	1/4	95,586	1/4	107,042
1/2	4,192	1/2	15,648	1/2	27,103	1/2	38,542	1/2	49,999	1/2	61,455	1/2	72,912	1/2	84,368	1/2	95,825	1/2	107,281
3/4	4,430	3/4	15,886	3/4	27,342	3/4	38,781	3/4	50,237	3/4	61,694	3/4	73,150	3/4	84,607	3/4	96,063	3/4	107,520
6	4,669	6	16,125	6	27,580	6	39,020	6	50,476	6	61,932	6	73,389	6	84,845	6	96,302	6	107,758
1/4	4,908	1/4	16,364	1/4	27,818	1/4	39,258	1/4	50,715	1/4	62,171	1/4	73,628	1/4	85,084	1/4	96,541	1/4	107,997
1/2	5,146	1/2	16,602	1/2	28,057	1/2	39,497	1/2	50,953	1/2	62,410	1/2	73,866	1/2	85,323	1/2	96,779	1/2	108,236
3/4	5,385	3/4	16,841	3/4	28,295	3/4	39,736	3/4	51,192	3/4	62,649	3/4	74,105	3/4	85,561	3/4	97,018	3/4	108,474
7	5,624	7	17,080	7	28,533	7	39,974	7	51,431	7	62,887	7	74,344	7	85,800	7	97,257	7	108,713
1/4	5,862	1/4	17,318	1/4	28,771	1/4	40,213	1/4	51,669	1/4	63,126	1/4	74,582	1/4	86,039	1/4	97,495	1/4	108,952
1/2	6,101	1/2	17,557	1/2	29,010	1/2	40,452	1/2	51,908	1/2	63,365	1/2	74,821	1/2	86,277	1/2	97,734	1/2	109,190
3/4	6,340	3/4	17,796	3/4	29,248	3/4	40,690	3/4	52,147	3/4	63,603	3/4	75,060	3/4	86,516	3/4	97,973	3/4	109,429
8	6,578	8	18,034	8	29,486	8	40,929	8	52,385	8	63,842	8	75,298	8	86,755	8	98,211	8	109,668
1/4	6,817	1/4	18,273	1/4	29,724	1/4	41,168	1/4	52,624	1/4	64,081	1/4	75,537	1/4	86,994	1/4	98,450	1/4	109,906
1/2	7,056	1/2	18,512	1/2	29,962	1/2	41,406	1/2	52,863	1/2	64,319	1/2	75,776	1/2	87,232	1/2	98,689	1/2	110,145
3/4	7,294	3/4	18,750	3/4	30,201	3/4	41,645	3/4	53,101	3/4	64,558	3/4	76,014	3/4	87,471	3/4	98,927	3/4	110,384
9	7,533	9	18,989	9	30,439	9	41,884	9	53,340	9	64,797	9	76,253	9	87,710	9	99,166	9	110,622
1/4	7,772	1/4	19,228	1/4	30,677	1/4	42,122	1/4	53,579	1/4	65,035	1/4	76,492	1/4	87,948	1/4	99,405	1/4	110,861
1/2	8,010	1/2	19,466	1/2	30,915	1/2	42,361	1/2	53,818	1/2	65,274	1/2	76,730	1/2	88,187	1/2	99,643	1/2	111,100
3/4	8,249	3/4	19,705	3/4	31,153	3/4	42,600	3/4	54,056	3/4	65,513	3/4	76,969	3/4	88,426	3/4	99,882	3/4	111,338
10	8,487	10	19,944	10	31,392	10	42,838	10	54,295	10	65,751	10	77,208	10	88,664	10	100,121	10	111,577
1/4	8,726	1/4	20,182	1/4	31,630	1/4	43,077	1/4	54,534	1/4	65,990	1/4	77,446	1/4	88,903	1/4	100,359	1/4	111,816
1/2	8,965	1/2	20,421	1/2	31,868	1/2	43,316	1/2	54,772	1/2	66,229	1/2	77,685	1/2	89,142	1/2	100,598	1/2	112,055
3/4	9,203	3/4	20,660	3/4	32,106	3/4	43,554	3/4	55,011	3/4	66,467	3/4	77,924	3/4	89,380	3/4	100,837	3/4	112,293
11	9,442	11	20,898	11	32,345	11	43,793	11	55,250	11	66,706	11	78,162	11	89,619	11	101,075	11	112,532
1/4	9,681	1/4	21,137	1/4	32,583	1/4	44,032	1/4	55,488	1/4	66,945	1/4	78,401	1/4	89,858	1/4	101,314	1/4	112,771
1/2	9,919	1/2	21,376	1/2	32,821	1/2	44,270	1/2	55,727	1/2	67,183	1/2	78,640	1/2	90,096	1/2	101,553	1/2	113,009
3/4	10,158	3/4	21,614	3/4	33,059	3/4	44,509	3/4	55,966	3/4	67,422	3/4	78,879	3/4	90,335	3/4	101,791	3/4	113,248

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

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 1959"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	113,487	0	124,943	0	136,399	0	147,856	0	159,281	0		0		0		0		0	
1/4	113,725	1/4	125,182	1/4	136,638	1/4	148,095	1/4	159,475	1/4		1/4		1/4		1/4		1/4	
1/2	113,964	1/2	125,420	1/2	136,877	1/2	148,333	1/2	159,670	1/2		1/2		1/2		1/2		1/2	
3/4	114,203	3/4	125,659	3/4	137,116	3/4	148,572	3/4	159,865	3/4		3/4		3/4		3/4		3/4	
1	114,441	1	125,898	1	137,354	1	148,811	1	160,059	1		1		1		1		1	
1/4	114,680	1/4	126,136	1/4	137,593	1/4	149,049	1/4	160,179	1/4		1/4		1/4		1/4		1/4	
1/2	114,919	1/2	126,375	1/2	137,832	1/2	149,288	1/2	160,298	1/2		1/2		1/2		1/2		1/2	
3/4	115,157	3/4	126,614	3/4	138,070	3/4	149,527	3/4	160,417	3/4		3/4		3/4		3/4		3/4	
2	115,396	2	126,852	2	138,309	2	149,765	2	160,537	2		2		2		2		2	
1/4	115,635	1/4	127,091	1/4	138,548	1/4	150,004	1/4	160,586	1/4		1/4		1/4		1/4		1/4	
1/2	115,873	1/2	127,330	1/2	138,786	1/2	150,243	1/2	160,635	1/2		1/2		1/2		1/2		1/2	
3/4	116,112	3/4	127,568	3/4	139,025	3/4	150,481	3/4	160,684	3/4		3/4		3/4		3/4		3/4	
3	116,351	3	127,807	3	139,264	3	150,720	3	160,733	3		3		3		3		3	
1/4	116,589	1/4	128,046	1/4	139,502	1/4	150,959	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,828	1/2	128,284	1/2	139,741	1/2	151,197	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,067	3/4	128,523	3/4	139,980	3/4	151,436	3/4		3/4		3/4		3/4		3/4		3/4	
4	117,305	4	128,762	4	140,218	4	151,675	4		4		4		4		4		4	
1/4	117,544	1/4	129,001	1/4	140,457	1/4	151,913	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,783	1/2	129,239	1/2	140,696	1/2	152,152	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,021	3/4	129,478	3/4	140,934	3/4	152,391	3/4		3/4		3/4		3/4		3/4		3/4	
5	118,260	5	129,717	5	141,173	5	152,629	5		5		5		5		5		5	
1/4	118,499	1/4	129,955	1/4	141,412	1/4	152,868	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,737	1/2	130,194	1/2	141,650	1/2	153,107	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,976	3/4	130,433	3/4	141,889	3/4	153,345	3/4		3/4		3/4		3/4		3/4		3/4	
6	119,215	6	130,671	6	142,128	6	153,584	6		6		6		6		6		6	
1/4	119,453	1/4	130,910	1/4	142,366	1/4	153,823	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,692	1/2	131,149	1/2	142,605	1/2	154,062	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,931	3/4	131,387	3/4	142,844	3/4	154,300	3/4		3/4		3/4		3/4		3/4		3/4	
7	120,169	7	131,626	7	143,082	7	154,539	7		7		7		7		7		7	
1/4	120,408	1/4	131,865	1/4	143,321	1/4	154,778	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,647	1/2	132,103	1/2	143,560	1/2	155,016	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,886	3/4	132,342	3/4	143,798	3/4	155,255	3/4		3/4		3/4		3/4		3/4		3/4	
8	121,124	8	132,581	8	144,037	8	155,494	8		8		8		8		8		8	
1/4	121,363	1/4	132,819	1/4	144,276	1/4	155,732	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,602	1/2	133,058	1/2	144,514	1/2	155,971	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,840	3/4	133,297	3/4	144,753	3/4	156,210	3/4		3/4		3/4		3/4		3/4		3/4	
9	122,079	9	133,535	9	144,992	9	156,448	9		9		9		9		9		9	
1/4	122,318	1/4	133,774	1/4	145,230	1/4	156,687	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,556	1/2	134,013	1/2	145,469	1/2	156,925	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,795	3/4	134,251	3/4	145,708	3/4	157,164	3/4		3/4		3/4		3/4		3/4		3/4	
10	123,034	10	134,490	10	145,947	10	157,402	10		10		10		10		10		10	
1/4	123,272	1/4	134,729	1/4	146,185	1/4	157,640	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,511	1/2	134,967	1/2	146,424	1/2	157,878	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,750	3/4	135,206	3/4	146,663	3/4	158,116	3/4		3/4		3/4		3/4		3/4		3/4	
11	123,988	11	135,445	11	146,901	11	158,354	11		11		11		11		11		11	
1/4	124,227	1/4	135,683	1/4	147,140	1/4	158,586	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,466	1/2	135,922	1/2	147,379	1/2	158,817	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,704	3/4	136,161	3/4	147,617	3/4	159,049	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/10/2015 CL
CALCULATED: 07/13/2015 CL
PRINTED: 07/14/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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