



BARGE "IB 1959"

ULLAGE 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 ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8'

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 ULLAGE 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		0	153,289	0	146,434	0	138,663	0	130,891	0	121,390	0	109,379	0	97,377	0	85,374	0	73,372
1/4		1/4	153,237	1/4	146,273	1/4	138,501	1/4	130,729	1/4	121,140	1/4	109,129	1/4	97,127	1/4	85,124	1/4	73,122
1/2		1/2	153,186	1/2	146,111	1/2	138,339	1/2	130,567	1/2	120,889	1/2	108,879	1/2	96,877	1/2	84,874	1/2	72,872
3/4		3/4	153,134	3/4	145,949	3/4	138,177	3/4	130,405	3/4	120,639	3/4	108,629	3/4	96,627	3/4	84,624	3/4	72,621
1		1	153,064	1	145,787	1	138,015	1	130,243	1	120,388	1	108,379	1	96,376	1	84,374	1	72,371
1/4		1/4	152,995	1/4	145,625	1/4	137,853	1/4	130,081	1/4	120,137	1/4	108,129	1/4	96,126	1/4	84,124	1/4	72,121
1/2		1/2	152,925	1/2	145,463	1/2	137,691	1/2	129,919	1/2	119,887	1/2	107,879	1/2	95,876	1/2	83,874	1/2	71,871
3/4		3/4	152,855	3/4	145,301	3/4	137,529	3/4	129,757	3/4	119,636	3/4	107,629	3/4	95,626	3/4	83,624	3/4	71,621
2		2	152,739	2	145,139	2	137,367	2	129,595	2	119,386	2	107,379	2	95,376	2	83,374	2	71,371
1/4		1/4	152,623	1/4	144,977	1/4	137,205	1/4	129,433	1/4	119,135	1/4	107,129	1/4	95,126	1/4	83,124	1/4	71,121
1/2		1/2	152,508	1/2	144,815	1/2	137,043	1/2	129,271	1/2	118,885	1/2	106,879	1/2	94,876	1/2	82,874	1/2	70,871
3/4		3/4	152,392	3/4	144,653	3/4	136,881	3/4	129,110	3/4	118,634	3/4	106,629	3/4	94,626	3/4	82,624	3/4	70,621
3		3	152,238	3	144,491	3	136,720	3	128,948	3	118,384	3	106,378	3	94,376	3	82,374	3	70,371
1/4		1/4	152,083	1/4	144,330	1/4	136,558	1/4	128,786	1/4	118,133	1/4	106,128	1/4	94,126	1/4	82,124	1/4	70,121
1/2		1/2	151,929	1/2	144,168	1/2	136,396	1/2	128,624	1/2	117,882	1/2	105,878	1/2	93,876	1/2	81,874	1/2	69,871
3/4		3/4	151,774	3/4	144,006	3/4	136,234	3/4	128,462	3/4	117,632	3/4	105,628	3/4	93,626	3/4	81,624	3/4	69,621
4		4	151,613	4	143,844	4	136,072	4	128,300	4	117,382	4	105,378	4	93,376	4	81,374	4	69,371
1/4		1/4	151,452	1/4	143,682	1/4	135,910	1/4	128,138	1/4	117,131	1/4	105,128	1/4	93,126	1/4	81,123	1/4	69,121
1/2		1/2	151,291	1/2	143,520	1/2	135,748	1/2	127,976	1/2	116,881	1/2	104,878	1/2	92,876	1/2	80,873	1/2	68,871
3/4		3/4	151,129	3/4	143,358	3/4	135,586	3/4	127,814	3/4	116,631	3/4	104,628	3/4	92,626	3/4	80,623	3/4	68,621
5		5	150,968	5	143,196	5	135,424	5	127,652	5	116,381	5	104,378	5	92,376	5	80,373	5	68,371
1/4		1/4	150,806	1/4	143,034	1/4	135,262	1/4	127,490	1/4	116,131	1/4	104,128	1/4	92,126	1/4	80,123	1/4	68,121
1/2		1/2	150,644	1/2	142,872	1/2	135,100	1/2	127,329	1/2	115,881	1/2	103,878	1/2	91,876	1/2	79,873	1/2	67,871
3/4		3/4	150,482	3/4	142,710	3/4	134,939	3/4	127,167	3/4	115,631	3/4	103,628	3/4	91,626	3/4	79,623	3/4	67,622
6		6	150,320	6	142,549	6	134,777	6	127,005	6	115,381	6	103,378	6	91,376	6	79,373	6	67,372
1/4		1/4	150,158	1/4	142,387	1/4	134,615	1/4	126,843	1/4	115,131	1/4	103,128	1/4	91,126	1/4	79,123	1/4	67,123
1/2		1/2	149,997	1/2	142,225	1/2	134,453	1/2	126,681	1/2	114,880	1/2	102,878	1/2	90,876	1/2	78,873	1/2	66,873
3/4		3/4	149,835	3/4	142,063	3/4	134,291	3/4	126,519	3/4	114,630	3/4	102,628	3/4	90,626	3/4	78,623	3/4	66,624
7		7	149,673	7	141,901	7	134,129	7	126,302	7	114,380	7	102,378	7	90,376	7	78,373	7	66,375
1/4		1/4	149,511	1/4	141,739	1/4	133,967	1/4	126,084	1/4	114,130	1/4	102,128	1/4	90,126	1/4	78,123	1/4	66,125
1/2		1/2	149,349	1/2	141,577	1/2	133,805	1/2	125,867	1/2	113,880	1/2	101,877	1/2	89,876	1/2	77,873	1/2	65,876
3/4		3/4	149,187	3/4	141,415	3/4	133,643	3/4	125,650	3/4	113,630	3/4	101,627	3/4	89,625	3/4	77,623	3/4	65,626
8		8	149,025	8	141,253	8	133,481	8	125,399	8	113,380	8	101,377	8	89,375	8	77,373	8	65,377
1/4		1/4	148,863	1/4	141,091	1/4	133,319	1/4	125,149	1/4	113,130	1/4	101,127	1/4	89,125	1/4	77,123	1/4	65,127
1/2		1/2	148,701	1/2	140,929	1/2	133,157	1/2	124,898	1/2	112,880	1/2	100,877	1/2	88,875	1/2	76,872	1/2	64,878
3/4		3/4	148,539	3/4	140,767	3/4	132,996	3/4	124,647	3/4	112,630	3/4	100,627	3/4	88,625	3/4	76,622	3/4	64,628
9		9	148,377	9	140,606	9	132,834	9	124,397	9	112,380	9	100,377	9	88,375	9	76,372	9	64,379
1/4		1/4	148,216	1/4	140,444	1/4	132,672	1/4	124,146	1/4	112,130	1/4	100,127	1/4	88,125	1/4	76,122	1/4	64,129
1/2		1/2	148,054	1/2	140,282	1/2	132,510	1/2	123,896	1/2	111,880	1/2	99,877	1/2	87,875	1/2	75,872	1/2	63,880
3/4		3/4	147,892	3/4	140,120	3/4	132,348	3/4	123,645	3/4	111,630	3/4	99,627	3/4	87,625	3/4	75,622	3/4	63,630
10		10	147,730	10	139,958	10	132,186	10	123,395	10	111,380	10	99,377	10	87,375	10	75,372	10	63,381
1/4		1/4	147,568	1/4	139,796	1/4	132,024	1/4	123,144	1/4	111,130	1/4	99,127	1/4	87,125	1/4	75,122	1/4	63,132
1/2		1/2	147,406	1/2	139,634	1/2	131,862	1/2	122,894	1/2	110,880	1/2	98,877	1/2	86,875	1/2	74,872	1/2	62,882
3/4		3/4	147,244	3/4	139,472	3/4	131,700	3/4	122,643	3/4	110,629	3/4	98,627	3/4	86,625	3/4	74,622	3/4	62,633
11		11	147,082	11	139,310	11	131,538	11	122,392	11	110,379	11	98,377	11	86,375	11	74,372	11	62,383
1/4		1/4	146,920	1/4	139,148	1/4	131,376	1/4	122,142	1/4	110,129	1/4	98,127	1/4	86,125	1/4	74,122	1/4	62,134
1/2		1/2	146,758	1/2	138,986	1/2	131,214	1/2	121,891	1/2	109,879	1/2	97,877	1/2	85,875	1/2	73,872	1/2	61,884
3/4		3/4	153,341	3/4	146,596	3/4	138,824	3/4	131,053	3/4	121,641	3/4	109,629	3/4	97,627	3/4	85,625	3/4	61,635

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "IB 1959"

1 CENTER ULLAGE 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	61,385	0	49,395	0	37,421	0	25,661	0	13,658	0	1,678	0	0	0	0	0	0	0	0
1/4	61,136	1/4	49,145	1/4	37,177	1/4	25,411	1/4	13,408	1/4	1,455	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,886	1/2	48,895	1/2	36,934	1/2	25,161	1/2	13,158	1/2	1,231	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,637	3/4	48,645	3/4	36,691	3/4	24,911	3/4	12,908	3/4	1,008	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	60,388	1	48,395	1	36,447	1	24,661	1	12,658	1	851	1	1	1	1	1	1	1	1
1/4	60,138	1/4	48,145	1/4	36,204	1/4	24,411	1/4	12,408	1/4	695	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,889	1/2	47,895	1/2	35,960	1/2	24,161	1/2	12,158	1/2	538	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,639	3/4	47,645	3/4	35,717	3/4	23,911	3/4	11,907	3/4	381	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	59,390	2	47,395	2	35,474	2	23,661	2	11,657	2	308	2	2	2	2	2	2	2	2
1/4	59,140	1/4	47,145	1/4	35,230	1/4	23,411	1/4	11,407	1/4	235	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,891	1/2	46,895	1/2	34,987	1/2	23,161	1/2	11,157	1/2	162	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,641	3/4	46,645	3/4	34,743	3/4	22,911	3/4	10,907	3/4	89	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	58,392	3	46,396	3	34,500	3	22,660	3	10,657	3	3	3	3	3	3	3	3	3	3
1/4	58,142	1/4	46,146	1/4	34,257	1/4	22,410	1/4	10,407	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,892	1/2	45,896	1/2	34,013	1/2	22,160	1/2	10,157	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,642	3/4	45,646	3/4	33,770	3/4	21,910	3/4	9,907	3/4	1/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	57,392	4	45,396	4	33,526	4	21,660	4	9,657	4	4	4	4	4	4	4	4	4	4
1/4	57,142	1/4	45,146	1/4	33,283	1/4	21,410	1/4	9,406	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,893	1/2	44,896	1/2	33,040	1/2	21,160	1/2	9,156	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,643	3/4	44,646	3/4	32,796	3/4	20,910	3/4	8,906	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	56,393	5	44,396	5	32,553	5	20,660	5	8,656	5	5	5	5	5	5	5	5	5	5
1/4	56,143	1/4	44,146	1/4	32,310	1/4	20,410	1/4	8,405	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,893	1/2	43,896	1/2	32,066	1/2	20,160	1/2	8,155	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,643	3/4	43,646	3/4	31,823	3/4	19,910	3/4	7,905	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	55,393	6	43,396	6	31,579	6	19,660	6	7,654	6	6	6	6	6	6	6	6	6	6
1/4	55,143	1/4	43,146	1/4	31,336	1/4	19,410	1/4	7,404	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,893	1/2	42,896	1/2	31,093	1/2	19,160	1/2	7,154	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,643	3/4	42,647	3/4	30,849	3/4	18,909	3/4	6,904	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	54,393	7	42,397	7	30,606	7	18,659	7	6,653	7	7	7	7	7	7	7	7	7	7
1/4	54,143	1/4	42,147	1/4	30,362	1/4	18,409	1/4	6,403	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,893	1/2	41,897	1/2	30,119	1/2	18,159	1/2	6,153	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,643	3/4	41,647	3/4	29,876	3/4	17,909	3/4	5,903	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	53,394	8	41,397	8	29,632	8	17,659	8	5,652	8	8	8	8	8	8	8	8	8	8
1/4	53,144	1/4	41,147	1/4	29,389	1/4	17,409	1/4	5,402	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,894	1/2	40,897	1/2	29,146	1/2	17,159	1/2	5,151	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,644	3/4	40,647	3/4	28,902	3/4	16,909	3/4	4,901	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	52,394	9	40,397	9	28,655	9	16,659	9	4,650	9	9	9	9	9	9	9	9	9	9
1/4	52,144	1/4	40,147	1/4	28,407	1/4	16,409	1/4	4,400	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,894	1/2	39,897	1/2	28,159	1/2	16,159	1/2	4,149	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,644	3/4	39,647	3/4	27,912	3/4	15,909	3/4	3,899	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	51,394	10	39,397	10	27,662	10	15,659	10	3,648	10	10	10	10	10	10	10	10	10	10
1/4	51,144	1/4	39,148	1/4	27,412	1/4	15,409	1/4	3,398	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,894	1/2	38,898	1/2	27,162	1/2	15,158	1/2	3,148	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,644	3/4	38,648	3/4	26,912	3/4	14,908	3/4	2,898	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	50,394	11	38,402	11	26,662	11	14,658	11	2,649	11	11	11	11	11	11	11	11	11	11
1/4	50,144	1/4	38,156	1/4	26,411	1/4	14,408	1/4	2,400	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,895	1/2	37,910	1/2	26,161	1/2	14,158	1/2	2,151	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,645	3/4	37,664	3/4	25,911	3/4	13,908	3/4	1,902	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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"

2 CENTER ULLAGE 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		0	161,204	0	150,564	0	139,045	0	127,525	0	116,006	0	104,486	0	92,967	0	81,447	0	69,928
1/4		1/4	161,155	1/4	150,324	1/4	138,805	1/4	127,285	1/4	115,766	1/4	104,246	1/4	92,727	1/4	81,207	1/4	69,688
1/2		1/2	161,035	1/2	150,084	1/2	138,565	1/2	127,045	1/2	115,526	1/2	104,006	1/2	92,487	1/2	80,967	1/2	69,448
3/4		3/4	160,915	3/4	149,844	3/4	138,325	3/4	126,805	3/4	115,286	3/4	103,766	3/4	92,247	3/4	80,727	3/4	69,208
1		1	160,795	1	149,604	1	138,085	1	126,565	1	115,046	1	103,526	1	92,007	1	80,487	1	68,968
1/4		1/4	160,675	1/4	149,364	1/4	137,845	1/4	126,325	1/4	114,806	1/4	103,286	1/4	91,767	1/4	80,247	1/4	68,728
1/2		1/2	160,479	1/2	149,124	1/2	137,605	1/2	126,085	1/2	114,566	1/2	103,046	1/2	91,527	1/2	80,007	1/2	68,488
3/4		3/4	160,283	3/4	148,884	3/4	137,365	3/4	125,845	3/4	114,326	3/4	102,806	3/4	91,287	3/4	79,767	3/4	68,248
2		2	160,087	2	148,644	2	137,125	2	125,605	2	114,086	2	102,566	2	91,047	2	79,527	2	68,008
1/4		1/4	159,892	1/4	148,404	1/4	136,885	1/4	125,365	1/4	113,846	1/4	102,326	1/4	90,807	1/4	79,287	1/4	67,768
1/2		1/2	159,659	1/2	148,164	1/2	136,645	1/2	125,125	1/2	113,606	1/2	102,086	1/2	90,567	1/2	79,047	1/2	67,528
3/4		3/4	159,426	3/4	147,924	3/4	136,405	3/4	124,885	3/4	113,366	3/4	101,846	3/4	90,327	3/4	78,807	3/4	67,288
3		3	159,193	3	147,684	3	136,165	3	124,645	3	113,126	3	101,606	3	90,087	3	78,567	3	67,048
1/4		1/4	158,960	1/4	147,444	1/4	135,925	1/4	124,405	1/4	112,886	1/4	101,366	1/4	89,847	1/4	78,327	1/4	66,808
1/2		1/2	158,721	1/2	147,204	1/2	135,685	1/2	124,165	1/2	112,646	1/2	101,126	1/2	89,607	1/2	78,087	1/2	66,568
3/4		3/4	158,482	3/4	146,964	3/4	135,445	3/4	123,925	3/4	112,406	3/4	100,886	3/4	89,367	3/4	77,847	3/4	66,328
4		4	158,242	4	146,724	4	135,205	4	123,685	4	112,166	4	100,646	4	89,127	4	77,607	4	66,088
1/4		1/4	158,003	1/4	146,484	1/4	134,965	1/4	123,445	1/4	111,926	1/4	100,406	1/4	88,887	1/4	77,367	1/4	65,848
1/2		1/2	157,763	1/2	146,244	1/2	134,725	1/2	123,205	1/2	111,686	1/2	100,166	1/2	88,647	1/2	77,127	1/2	65,608
3/4		3/4	157,523	3/4	146,004	3/4	134,485	3/4	122,965	3/4	111,446	3/4	99,926	3/4	88,407	3/4	76,887	3/4	65,368
5		5	157,284	5	145,764	5	134,245	5	122,725	5	111,206	5	99,686	5	88,167	5	76,647	5	65,128
1/4		1/4	157,044	1/4	145,524	1/4	134,005	1/4	122,485	1/4	110,966	1/4	99,446	1/4	87,927	1/4	76,407	1/4	64,888
1/2		1/2	156,804	1/2	145,284	1/2	133,765	1/2	122,245	1/2	110,726	1/2	99,206	1/2	87,687	1/2	76,167	1/2	64,648
3/4		3/4	156,564	3/4	145,044	3/4	133,525	3/4	122,005	3/4	110,486	3/4	98,966	3/4	87,447	3/4	75,927	3/4	64,408
6		6	156,324	6	144,804	6	133,285	6	121,765	6	110,246	6	98,726	6	87,207	6	75,687	6	64,168
1/4		1/4	156,084	1/4	144,564	1/4	133,045	1/4	121,525	1/4	110,006	1/4	98,486	1/4	86,967	1/4	75,447	1/4	63,928
1/2		1/2	155,844	1/2	144,324	1/2	132,805	1/2	121,285	1/2	109,766	1/2	98,246	1/2	86,727	1/2	75,207	1/2	63,688
3/4		3/4	155,604	3/4	144,084	3/4	132,565	3/4	121,045	3/4	109,526	3/4	98,006	3/4	86,487	3/4	74,967	3/4	63,448
7		7	155,364	7	143,844	7	132,325	7	120,805	7	109,286	7	97,766	7	86,247	7	74,727	7	63,208
1/4		1/4	155,124	1/4	143,604	1/4	132,085	1/4	120,565	1/4	109,046	1/4	97,526	1/4	86,007	1/4	74,487	1/4	62,968
1/2		1/2	154,884	1/2	143,364	1/2	131,845	1/2	120,325	1/2	108,806	1/2	97,286	1/2	85,767	1/2	74,247	1/2	62,728
3/4		3/4	154,644	3/4	143,124	3/4	131,605	3/4	120,085	3/4	108,566	3/4	97,046	3/4	85,527	3/4	74,007	3/4	62,488
8		8	154,404	8	142,884	8	131,365	8	119,845	8	108,326	8	96,806	8	85,287	8	73,767	8	62,248
1/4		1/4	154,164	1/4	142,644	1/4	131,125	1/4	119,605	1/4	108,086	1/4	96,566	1/4	85,047	1/4	73,527	1/4	62,008
1/2		1/2	153,924	1/2	142,404	1/2	130,885	1/2	119,365	1/2	107,846	1/2	96,326	1/2	84,807	1/2	73,287	1/2	61,768
3/4		3/4	153,684	3/4	142,164	3/4	130,645	3/4	119,125	3/4	107,606	3/4	96,086	3/4	84,567	3/4	73,047	3/4	61,528
9		9	153,444	9	141,924	9	130,405	9	118,885	9	107,366	9	95,846	9	84,327	9	72,807	9	61,288
1/4		1/4	153,204	1/4	141,684	1/4	130,165	1/4	118,645	1/4	107,126	1/4	95,606	1/4	84,087	1/4	72,567	1/4	61,048
1/2		1/2	152,964	1/2	141,444	1/2	129,925	1/2	118,405	1/2	106,886	1/2	95,366	1/2	83,847	1/2	72,327	1/2	60,808
3/4		3/4	152,724	3/4	141,204	3/4	129,685	3/4	118,165	3/4	106,646	3/4	95,126	3/4	83,607	3/4	72,087	3/4	60,568
10		10	152,484	10	140,964	10	129,445	10	117,925	10	106,406	10	94,886	10	83,367	10	71,848	10	60,328
1/4		1/4	152,244	1/4	140,724	1/4	129,205	1/4	117,685	1/4	106,166	1/4	94,646	1/4	83,127	1/4	71,608	1/4	60,088
1/2		1/2	152,004	1/2	140,484	1/2	128,965	1/2	117,445	1/2	105,926	1/2	94,406	1/2	82,887	1/2	71,368	1/2	59,848
3/4		3/4	151,764	3/4	140,244	3/4	128,725	3/4	117,205	3/4	105,686	3/4	94,167	3/4	82,647	3/4	71,128	3/4	59,608
11		11	151,524	11	140,004	11	128,485	11	116,965	11	105,446	11	93,927	11	82,407	11	70,888	11	59,368
1/4	161,352	1/4	151,284	1/4	139,764	1/4	128,245	1/4	116,726	1/4	105,206	1/4	93,687	1/4	82,167	1/4	70,648	1/4	59,128
1/2	161,303	1/2	151,044	1/2	139,524	1/2	128,005	1/2	116,486	1/2	104,966	1/2	93,447	1/2	81,927	1/2	70,408	1/2	58,888
3/4	161,253	3/4	150,804	3/4	139,284	3/4	127,765	3/4	116,246	3/4	104,726	3/4	93,207	3/4	81,687	3/4	70,168	3/4	58,648

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 ULLAGE 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"

2 CENTER ULLAGE 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	58,408	0	46,889	0	35,408	0	24,133	0	12,614	0	1,180	0		0					
1/4	58,168	1/4	46,649	1/4	35,175	1/4	23,893	1/4	12,374	1/4	966	1/4		1/4					
1/2	57,928	1/2	46,409	1/2	34,942	1/2	23,653	1/2	12,134	1/2	816	1/2		1/2					
3/4	57,688	3/4	46,169	3/4	34,709	3/4	23,413	3/4	11,894	3/4	666	3/4		3/4					
1	57,448	1	45,929	1	34,476	1	23,173	1	11,654	1	516	1		1					
1/4	57,208	1/4	45,689	1/4	34,243	1/4	22,933	1/4	11,414	1/4	366	1/4		1/4					
1/2	56,968	1/2	45,449	1/2	34,010	1/2	22,693	1/2	11,174	1/2	296	1/2		1/2					
3/4	56,728	3/4	45,209	3/4	33,777	3/4	22,453	3/4	10,934	3/4	226	3/4		3/4					
2	56,488	2	44,969	2	33,544	2	22,213	2	10,694	2	156	2		2					
1/4	56,248	1/4	44,729	1/4	33,311	1/4	21,973	1/4	10,454	1/4	86	1/4		1/4					
1/2	56,008	1/2	44,489	1/2	33,079	1/2	21,733	1/2	10,214	1/2		1/2		1/2					
3/4	55,768	3/4	44,249	3/4	32,846	3/4	21,493	3/4	9,974	3/4		3/4		3/4					
3	55,528	3	44,009	3	32,613	3	21,253	3	9,734	3		3		3					
1/4	55,288	1/4	43,769	1/4	32,380	1/4	21,013	1/4	9,494	1/4		1/4		1/4					
1/2	55,048	1/2	43,529	1/2	32,147	1/2	20,773	1/2	9,254	1/2		1/2		1/2					
3/4	54,808	3/4	43,289	3/4	31,914	3/4	20,533	3/4	9,014	3/4		3/4		3/4					
4	54,568	4	43,049	4	31,681	4	20,293	4	8,774	4		4		4					
1/4	54,328	1/4	42,809	1/4	31,448	1/4	20,053	1/4	8,534	1/4		1/4		1/4					
1/2	54,088	1/2	42,569	1/2	31,215	1/2	19,813	1/2	8,294	1/2		1/2		1/2					
3/4	53,848	3/4	42,329	3/4	30,982	3/4	19,573	3/4	8,054	3/4		3/4		3/4					
5	53,608	5	42,089	5	30,750	5	19,333	5	7,814	5		5		5					
1/4	53,368	1/4	41,849	1/4	30,517	1/4	19,093	1/4	7,574	1/4		1/4		1/4					
1/2	53,128	1/2	41,609	1/2	30,284	1/2	18,853	1/2	7,334	1/2		1/2		1/2					
3/4	52,888	3/4	41,369	3/4	30,051	3/4	18,613	3/4	7,094	3/4		3/4		3/4					
6	52,648	6	41,129	6	29,818	6	18,373	6	6,854	6		6		6					
1/4	52,408	1/4	40,889	1/4	29,585	1/4	18,133	1/4	6,614	1/4		1/4		1/4					
1/2	52,168	1/2	40,649	1/2	29,352	1/2	17,893	1/2	6,374	1/2		1/2		1/2					
3/4	51,928	3/4	40,409	3/4	29,119	3/4	17,653	3/4	6,134	3/4		3/4		3/4					
7	51,688	7	40,169	7	28,886	7	17,413	7	5,894	7		7		7					
1/4	51,448	1/4	39,929	1/4	28,653	1/4	17,173	1/4	5,654	1/4		1/4		1/4					
1/2	51,208	1/2	39,689	1/2	28,420	1/2	16,933	1/2	5,414	1/2		1/2		1/2					
3/4	50,968	3/4	39,449	3/4	28,188	3/4	16,693	3/4	5,174	3/4		3/4		3/4					
8	50,728	8	39,209	8	27,955	8	16,453	8	4,934	8		8		8					
1/4	50,488	1/4	38,969	1/4	27,722	1/4	16,213	1/4	4,694	1/4		1/4		1/4					
1/2	50,248	1/2	38,729	1/2	27,484	1/2	15,973	1/2	4,455	1/2		1/2		1/2					
3/4	50,008	3/4	38,489	3/4	27,247	3/4	15,733	3/4	4,215	3/4		3/4		3/4					
9	49,768	9	38,249	9	27,010	9	15,493	9	3,975	9		9		9					
1/4	49,528	1/4	38,009	1/4	26,772	1/4	15,253	1/4	3,735	1/4		1/4		1/4					
1/2	49,289	1/2	37,769	1/2	26,532	1/2	15,013	1/2	3,495	1/2		1/2		1/2					
3/4	49,049	3/4	37,529	3/4	26,293	3/4	14,773	3/4	3,256	3/4		3/4		3/4					
10	48,809	10	37,289	10	26,053	10	14,533	10	3,016	10		10		10					
1/4	48,569	1/4	37,049	1/4	25,813	1/4	14,294	1/4	2,776	1/4		1/4		1/4					
1/2	48,329	1/2	36,813	1/2	25,573	1/2	14,054	1/2	2,538	1/2		1/2		1/2					
3/4	48,089	3/4	36,578	3/4	25,333	3/4	13,814	3/4	2,300	3/4		3/4		3/4					
11	47,849	11	36,342	11	25,093	11	13,574	11	2,061	11		11		11					
1/4	47,609	1/4	36,107	1/4	24,853	1/4	13,334	1/4	1,823	1/4		1/4		1/4					
1/2	47,369	1/2	35,874	1/2	24,613	1/2	13,094	1/2	1,608	1/2		1/2		1/2					
3/4	47,129	3/4	35,641	3/4	24,373	3/4	12,854	3/4	1,394	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
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "IB 1959"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	160,586	0	150,004	0	138,548	0	127,091	0	115,635	0	104,178	0	92,722	0	81,265	0	69,809	
1/4	1/4	160,537	1/4	149,765	1/4	138,309	1/4	126,852	1/4	115,396	1/4	103,940	1/4	92,483	1/4	81,027	1/4	69,570	
1/2	1/2	160,417	1/2	149,527	1/2	138,070	1/2	126,614	1/2	115,157	1/2	103,701	1/2	92,244	1/2	80,788	1/2	69,331	
3/4	3/4	160,298	3/4	149,288	3/4	137,832	3/4	126,375	3/4	114,919	3/4	103,462	3/4	92,006	3/4	80,549	3/4	69,093	
1	1	160,179	1	149,049	1	137,593	1	126,136	1	114,680	1	103,223	1	91,767	1	80,311	1	68,854	
1/4	1/4	160,059	1/4	148,811	1/4	137,354	1/4	125,898	1/4	114,441	1/4	102,985	1/4	91,528	1/4	80,072	1/4	68,615	
1/2	1/2	159,865	1/2	148,572	1/2	137,116	1/2	125,659	1/2	114,203	1/2	102,746	1/2	91,290	1/2	79,833	1/2	68,377	
3/4	3/4	159,670	3/4	148,333	3/4	136,877	3/4	125,420	3/4	113,964	3/4	102,507	3/4	91,051	3/4	79,595	3/4	68,138	
2	2	159,475	2	148,095	2	136,638	2	125,182	2	113,725	2	102,269	2	90,812	2	79,356	2	67,899	
1/4	1/4	159,281	1/4	147,856	1/4	136,399	1/4	124,943	1/4	113,487	1/4	102,030	1/4	90,574	1/4	79,117	1/4	67,661	
1/2	1/2	159,049	1/2	147,617	1/2	136,161	1/2	124,704	1/2	113,248	1/2	101,791	1/2	90,335	1/2	78,879	1/2	67,422	
3/4	3/4	158,817	3/4	147,379	3/4	135,922	3/4	124,466	3/4	113,009	3/4	101,553	3/4	90,096	3/4	78,640	3/4	67,183	
3	3	158,586	3	147,140	3	135,683	3	124,227	3	112,771	3	101,314	3	89,858	3	78,401	3	66,945	
1/4	1/4	158,354	1/4	146,901	1/4	135,445	1/4	123,988	1/4	112,532	1/4	101,075	1/4	89,619	1/4	78,162	1/4	66,706	
1/2	1/2	158,116	1/2	146,663	1/2	135,206	1/2	123,750	1/2	112,293	1/2	100,837	1/2	89,380	1/2	77,924	1/2	66,467	
3/4	3/4	157,878	3/4	146,424	3/4	134,967	3/4	123,511	3/4	112,055	3/4	100,598	3/4	89,142	3/4	77,685	3/4	66,229	
4	4	157,640	4	146,185	4	134,729	4	123,272	4	111,816	4	100,359	4	88,903	4	77,446	4	65,990	
1/4	1/4	157,402	1/4	145,947	1/4	134,490	1/4	123,034	1/4	111,577	1/4	100,121	1/4	88,664	1/4	77,208	1/4	65,751	
1/2	1/2	157,164	1/2	145,708	1/2	134,251	1/2	122,795	1/2	111,338	1/2	99,882	1/2	88,426	1/2	76,969	1/2	65,513	
3/4	3/4	156,925	3/4	145,469	3/4	134,013	3/4	122,556	3/4	111,100	3/4	99,643	3/4	88,187	3/4	76,730	3/4	65,274	
5	5	156,687	5	145,230	5	133,774	5	122,318	5	110,861	5	99,405	5	87,948	5	76,492	5	65,035	
1/4	1/4	156,448	1/4	144,992	1/4	133,535	1/4	122,079	1/4	110,622	1/4	99,166	1/4	87,710	1/4	76,253	1/4	64,797	
1/2	1/2	156,210	1/2	144,753	1/2	133,297	1/2	121,840	1/2	110,384	1/2	98,927	1/2	87,471	1/2	76,014	1/2	64,558	
3/4	3/4	155,971	3/4	144,514	3/4	133,058	3/4	121,602	3/4	110,145	3/4	98,689	3/4	87,232	3/4	75,776	3/4	64,319	
6	6	155,732	6	144,276	6	132,819	6	121,363	6	109,906	6	98,450	6	86,994	6	75,537	6	64,081	
1/4	1/4	155,494	1/4	144,037	1/4	132,581	1/4	121,124	1/4	109,668	1/4	98,211	1/4	86,755	1/4	75,298	1/4	63,842	
1/2	1/2	155,255	1/2	143,798	1/2	132,342	1/2	120,886	1/2	109,429	1/2	97,973	1/2	86,516	1/2	75,060	1/2	63,603	
3/4	3/4	155,016	3/4	143,560	3/4	132,103	3/4	120,647	3/4	109,190	3/4	97,734	3/4	86,277	3/4	74,821	3/4	63,365	
7	7	154,778	7	143,321	7	131,865	7	120,408	7	108,952	7	97,495	7	86,039	7	74,582	7	63,126	
1/4	1/4	154,539	1/4	143,082	1/4	131,626	1/4	120,169	1/4	108,713	1/4	97,257	1/4	85,800	1/4	74,344	1/4	62,887	
1/2	1/2	154,300	1/2	142,844	1/2	131,387	1/2	119,931	1/2	108,474	1/2	97,018	1/2	85,561	1/2	74,105	1/2	62,649	
3/4	3/4	154,062	3/4	142,605	3/4	131,149	3/4	119,692	3/4	108,236	3/4	96,779	3/4	85,323	3/4	73,866	3/4	62,410	
8	8	153,823	8	142,366	8	130,910	8	119,453	8	107,997	8	96,541	8	85,084	8	73,628	8	62,171	
1/4	1/4	153,584	1/4	142,128	1/4	130,671	1/4	119,215	1/4	107,758	1/4	96,302	1/4	84,845	1/4	73,389	1/4	61,932	
1/2	1/2	153,345	1/2	141,889	1/2	130,433	1/2	118,976	1/2	107,520	1/2	96,063	1/2	84,607	1/2	73,150	1/2	61,694	
3/4	3/4	153,107	3/4	141,650	3/4	130,194	3/4	118,737	3/4	107,281	3/4	95,825	3/4	84,368	3/4	72,912	3/4	61,455	
9	9	152,868	9	141,412	9	129,955	9	118,499	9	107,042	9	95,586	9	84,129	9	72,673	9	61,216	
1/4	1/4	152,629	1/4	141,173	1/4	129,717	1/4	118,260	1/4	106,804	1/4	95,347	1/4	83,891	1/4	72,434	1/4	60,978	
1/2	1/2	152,391	1/2	140,934	1/2	129,478	1/2	118,021	1/2	106,565	1/2	95,108	1/2	83,652	1/2	72,196	1/2	60,739	
3/4	3/4	152,152	3/4	140,696	3/4	129,239	3/4	117,783	3/4	106,326	3/4	94,870	3/4	83,413	3/4	71,957	3/4	60,500	
10	10	151,913	10	140,457	10	129,001	10	117,544	10	106,088	10	94,631	10	83,175	10	71,718	10	60,262	
1/4	1/4	151,675	1/4	140,218	1/4	128,762	1/4	117,305	1/4	105,849	1/4	94,392	1/4	82,936	1/4	71,480	1/4	60,023	
1/2	1/2	151,436	1/2	139,980	1/2	128,523	1/2	117,067	1/2	105,610	1/2	94,154	1/2	82,697	1/2	71,241	1/2	59,784	
3/4	3/4	151,197	3/4	139,741	3/4	128,284	3/4	116,828	3/4	105,372	3/4	93,915	3/4	82,459	3/4	71,002	3/4	59,546	
11	11	150,959	11	139,502	11	128,046	11	116,589	11	105,133	11	93,676	11	82,220	11	70,764	11	59,307	
1/4	1/4	160,733	1/4	150,720	1/4	139,264	1/4	127,807	1/4	116,351	1/4	104,894	1/4	93,438	1/4	81,981	1/4	59,068	
1/2	1/2	160,684	1/2	150,481	1/2	139,025	1/2	127,568	1/2	116,112	1/2	104,656	1/2	93,199	1/2	81,743	1/2	58,830	
3/4	3/4	160,635	3/4	150,243	3/4	138,786	3/4	127,330	3/4	115,873	3/4	104,417	3/4	92,960	3/4	81,504	3/4	58,591	

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

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1959"

3 CENTER ULLAGE 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	58,352	0	46,896	0	35,442	0	24,001	0	12,545	0	1,174	0		0		0			
1/4	58,114	1/4	46,657	1/4	35,203	1/4	23,762	1/4	12,306	1/4	961	1/4		1/4		1/4		1/4	
1/2	57,875	1/2	46,419	1/2	34,965	1/2	23,524	1/2	12,068	1/2	812	1/2		1/2		1/2		1/2	
3/4	57,636	3/4	46,180	3/4	34,727	3/4	23,285	3/4	11,829	3/4	663	3/4		3/4		3/4		3/4	
1	57,398	1	45,941	1	34,489	1	23,046	1	11,590	1	514	1		1		1		1	
1/4	57,159	1/4	45,703	1/4	34,250	1/4	22,808	1/4	11,352	1/4	364	1/4		1/4		1/4		1/4	
1/2	56,920	1/2	45,464	1/2	34,012	1/2	22,569	1/2	11,113	1/2	295	1/2		1/2		1/2		1/2	
3/4	56,682	3/4	45,225	3/4	33,774	3/4	22,330	3/4	10,874	3/4	225	3/4		3/4		3/4		3/4	
2	56,443	2	44,986	2	33,536	2	22,092	2	10,635	2	156	2		2		2		2	
1/4	56,204	1/4	44,748	1/4	33,297	1/4	21,853	1/4	10,397	1/4	86	1/4		1/4		1/4		1/4	
1/2	55,966	1/2	44,509	1/2	33,059	1/2	21,614	1/2	10,158	1/2		1/2		1/2		1/2		1/2	
3/4	55,727	3/4	44,270	3/4	32,821	3/4	21,376	3/4	9,919	3/4		3/4		3/4		3/4		3/4	
3	55,488	3	44,032	3	32,583	3	21,137	3	9,681	3		3		3		3		3	
1/4	55,250	1/4	43,793	1/4	32,345	1/4	20,898	1/4	9,442	1/4		1/4		1/4		1/4		1/4	
1/2	55,011	1/2	43,554	1/2	32,106	1/2	20,660	1/2	9,203	1/2		1/2		1/2		1/2		1/2	
3/4	54,772	3/4	43,316	3/4	31,868	3/4	20,421	3/4	8,965	3/4		3/4		3/4		3/4		3/4	
4	54,534	4	43,077	4	31,630	4	20,182	4	8,726	4		4		4		4		4	
1/4	54,295	1/4	42,838	1/4	31,392	1/4	19,944	1/4	8,487	1/4		1/4		1/4		1/4		1/4	
1/2	54,056	1/2	42,600	1/2	31,153	1/2	19,705	1/2	8,249	1/2		1/2		1/2		1/2		1/2	
3/4	53,818	3/4	42,361	3/4	30,915	3/4	19,466	3/4	8,010	3/4		3/4		3/4		3/4		3/4	
5	53,579	5	42,122	5	30,677	5	19,228	5	7,772	5		5		5		5		5	
1/4	53,340	1/4	41,884	1/4	30,439	1/4	18,989	1/4	7,533	1/4		1/4		1/4		1/4		1/4	
1/2	53,101	1/2	41,645	1/2	30,201	1/2	18,750	1/2	7,294	1/2		1/2		1/2		1/2		1/2	
3/4	52,863	3/4	41,406	3/4	29,962	3/4	18,512	3/4	7,056	3/4		3/4		3/4		3/4		3/4	
6	52,624	6	41,168	6	29,724	6	18,273	6	6,817	6		6		6		6		6	
1/4	52,385	1/4	40,929	1/4	29,486	1/4	18,034	1/4	6,578	1/4		1/4		1/4		1/4		1/4	
1/2	52,147	1/2	40,690	1/2	29,248	1/2	17,796	1/2	6,340	1/2		1/2		1/2		1/2		1/2	
3/4	51,908	3/4	40,452	3/4	29,010	3/4	17,557	3/4	6,101	3/4		3/4		3/4		3/4		3/4	
7	51,669	7	40,213	7	28,771	7	17,318	7	5,862	7		7		7		7		7	
1/4	51,431	1/4	39,974	1/4	28,533	1/4	17,080	1/4	5,624	1/4		1/4		1/4		1/4		1/4	
1/2	51,192	1/2	39,736	1/2	28,295	1/2	16,841	1/2	5,385	1/2		1/2		1/2		1/2		1/2	
3/4	50,953	3/4	39,497	3/4	28,057	3/4	16,602	3/4	5,146	3/4		3/4		3/4		3/4		3/4	
8	50,715	8	39,258	8	27,818	8	16,364	8	4,908	8		8		8		8		8	
1/4	50,476	1/4	39,020	1/4	27,580	1/4	16,125	1/4	4,669	1/4		1/4		1/4		1/4		1/4	
1/2	50,237	1/2	38,781	1/2	27,342	1/2	15,886	1/2	4,430	1/2		1/2		1/2		1/2		1/2	
3/4	49,999	3/4	38,542	3/4	27,103	3/4	15,648	3/4	4,192	3/4		3/4		3/4		3/4		3/4	
9	49,760	9	38,304	9	26,865	9	15,409	9	3,953	9		9		9		9		9	
1/4	49,521	1/4	38,065	1/4	26,626	1/4	15,170	1/4	3,715	1/4		1/4		1/4		1/4		1/4	
1/2	49,283	1/2	37,826	1/2	26,388	1/2	14,932	1/2	3,476	1/2		1/2		1/2		1/2		1/2	
3/4	49,044	3/4	37,588	3/4	26,149	3/4	14,693	3/4	3,238	3/4		3/4		3/4		3/4		3/4	
10	48,805	10	37,349	10	25,910	10	14,454	10	3,000	10		10		10		10		10	
1/4	48,567	1/4	37,110	1/4	25,672	1/4	14,216	1/4	2,761	1/4		1/4		1/4		1/4		1/4	
1/2	48,328	1/2	36,872	1/2	25,433	1/2	13,977	1/2	2,524	1/2		1/2		1/2		1/2		1/2	
3/4	48,089	3/4	36,633	3/4	25,194	3/4	13,738	3/4	2,287	3/4		3/4		3/4		3/4		3/4	
11	47,851	11	36,395	11	24,956	11	13,500	11	2,050	11		11		11		11		11	
1/4	47,612	1/4	36,156	1/4	24,717	1/4	13,261	1/4	1,813	1/4		1/4		1/4		1/4		1/4	
1/2	47,373	1/2	35,918	1/2	24,478	1/2	13,022	1/2	1,600	1/2		1/2		1/2		1/2		1/2	
3/4	47,135	3/4	35,680	3/4	24,240	3/4	12,784	3/4	1,387	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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