



BARGE "IB 1966"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS - 00-1/8"
 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"

March 6, 2016

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

<http://www.pmacorp.net>



BARGE "IB 1966"

1 CENTER ULLAGE 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		0		0	146,322	0	138,547	0	130,773	0	121,404	0	109,393	0	97,391	0	85,390	0	73,388
1/4	1/4	152,862	1/4	146,160	1/4	138,385	1/4	130,611	1/4	121,153	1/4	109,143	1/4	97,141	1/4	85,140	1/4	73,138	
1/2	1/2	152,852	1/2	145,998	1/2	138,223	1/2	130,449	1/2	120,903	1/2	108,893	1/2	96,891	1/2	84,890	1/2	72,887	
3/4	3/4	152,789	3/4	145,836	3/4	138,061	3/4	130,287	3/4	120,652	3/4	108,643	3/4	96,641	3/4	84,639	3/4	72,637	
1	1	152,726	1	145,674	1	137,899	1	130,125	1	120,402	1	108,393	1	96,391	1	84,389	1	72,387	
1/4	1/4	152,664	1/4	145,512	1/4	137,737	1/4	129,963	1/4	120,151	1/4	108,143	1/4	96,141	1/4	84,139	1/4	72,137	
1/2	1/2	152,601	1/2	145,350	1/2	137,575	1/2	129,801	1/2	119,901	1/2	107,893	1/2	95,891	1/2	83,889	1/2	71,887	
3/4	3/4	152,543	3/4	145,188	3/4	137,413	3/4	129,639	3/4	119,650	3/4	107,643	3/4	95,641	3/4	83,639	3/4	71,637	
2	2	152,486	2	145,026	2	137,251	2	129,477	2	119,399	2	107,392	2	95,391	2	83,389	2	71,387	
1/4	1/4	152,428	1/4	144,864	1/4	137,089	1/4	129,315	1/4	119,149	1/4	107,142	1/4	95,141	1/4	83,139	1/4	71,137	
1/2	1/2	152,371	1/2	144,702	1/2	136,928	1/2	129,153	1/2	118,898	1/2	106,892	1/2	94,891	1/2	82,889	1/2	70,887	
3/4	3/4	152,233	3/4	144,540	3/4	136,766	3/4	128,991	3/4	118,648	3/4	106,642	3/4	94,641	3/4	82,639	3/4	70,637	
3	3	152,096	3	144,378	3	136,604	3	128,829	3	118,397	3	106,392	3	94,391	3	82,389	3	70,387	
1/4	1/4	151,958	1/4	144,216	1/4	136,442	1/4	128,667	1/4	118,147	1/4	106,142	1/4	94,141	1/4	82,139	1/4	70,137	
1/2	1/2	151,820	1/2	144,054	1/2	136,280	1/2	128,505	1/2	117,896	1/2	105,892	1/2	93,891	1/2	81,889	1/2	69,887	
3/4	3/4	151,660	3/4	143,892	3/4	136,118	3/4	128,343	3/4	117,646	3/4	105,642	3/4	93,641	3/4	81,639	3/4	69,637	
4	4	151,500	4	143,730	4	135,956	4	128,181	4	117,395	4	105,392	4	93,391	4	81,389	4	69,387	
1/4	1/4	151,339	1/4	143,568	1/4	135,794	1/4	128,019	1/4	117,145	1/4	105,142	1/4	93,141	1/4	81,139	1/4	69,137	
1/2	1/2	151,179	1/2	143,406	1/2	135,632	1/2	127,857	1/2	116,894	1/2	104,892	1/2	92,891	1/2	80,889	1/2	68,887	
3/4	3/4	151,017	3/4	143,244	3/4	135,470	3/4	127,695	3/4	116,644	3/4	104,642	3/4	92,641	3/4	80,639	3/4	68,637	
5	5	150,856	5	143,082	5	135,308	5	127,533	5	116,394	5	104,392	5	92,391	5	80,389	5	68,387	
1/4	1/4	150,694	1/4	142,920	1/4	135,146	1/4	127,371	1/4	116,144	1/4	104,142	1/4	92,141	1/4	80,139	1/4	68,137	
1/2	1/2	150,533	1/2	142,758	1/2	134,984	1/2	127,209	1/2	115,894	1/2	103,892	1/2	91,891	1/2	79,889	1/2	67,887	
3/4	3/4	150,371	3/4	142,596	3/4	134,822	3/4	127,047	3/4	115,644	3/4	103,642	3/4	91,641	3/4	79,639	3/4	67,637	
6	6	150,209	6	142,434	6	134,660	6	126,885	6	115,394	6	103,392	6	91,391	6	79,389	6	67,388	
1/4	1/4	150,047	1/4	142,273	1/4	134,498	1/4	126,723	1/4	115,144	1/4	103,142	1/4	91,141	1/4	79,139	1/4	67,138	
1/2	1/2	149,885	1/2	142,111	1/2	134,336	1/2	126,561	1/2	114,894	1/2	102,892	1/2	90,891	1/2	78,888	1/2	66,889	
3/4	3/4	149,723	3/4	141,949	3/4	134,174	3/4	126,399	3/4	114,644	3/4	102,642	3/4	90,640	3/4	78,638	3/4	66,639	
7	7	149,561	7	141,787	7	134,012	7	126,237	7	114,394	7	102,392	7	90,390	7	78,388	7	66,390	
1/4	1/4	149,399	1/4	141,625	1/4	133,850	1/4	126,076	1/4	114,144	1/4	102,142	1/4	90,140	1/4	78,138	1/4	66,141	
1/2	1/2	149,237	1/2	141,463	1/2	133,688	1/2	125,914	1/2	113,894	1/2	101,892	1/2	89,890	1/2	77,888	1/2	65,891	
3/4	3/4	149,075	3/4	141,301	3/4	133,526	3/4	125,663	3/4	113,644	3/4	101,642	3/4	89,640	3/4	77,638	3/4	65,642	
8	8	148,913	8	141,139	8	133,364	8	125,412	8	113,394	8	101,391	8	89,390	8	77,388	8	65,392	
1/4	1/4	148,751	1/4	140,977	1/4	133,202	1/4	125,251	1/4	113,143	1/4	101,141	1/4	89,140	1/4	77,138	1/4	65,143	
1/2	1/2	148,589	1/2	140,815	1/2	133,040	1/2	124,911	1/2	112,893	1/2	100,891	1/2	88,890	1/2	76,888	1/2	64,893	
3/4	3/4	148,427	3/4	140,653	3/4	132,878	3/4	124,661	3/4	112,643	3/4	100,641	3/4	88,640	3/4	76,638	3/4	64,644	
9	9	148,265	9	140,491	9	132,716	9	124,410	9	112,393	9	100,391	9	88,390	9	76,388	9	64,394	
1/4	1/4	148,103	1/4	140,329	1/4	132,554	1/4	124,160	1/4	112,143	1/4	100,141	1/4	88,140	1/4	76,138	1/4	64,145	
1/2	1/2	147,941	1/2	140,167	1/2	132,392	1/2	123,909	1/2	111,893	1/2	99,891	1/2	87,890	1/2	75,888	1/2	63,896	
3/4	3/4	147,779	3/4	140,005	3/4	132,230	3/4	123,659	3/4	111,643	3/4	99,641	3/4	87,640	3/4	75,638	3/4	63,646	
10	10	147,618	10	139,843	10	132,068	10	123,408	10	111,393	10	99,391	10	87,390	10	75,388	10	63,397	
1/4	1/4	147,456	1/4	139,681	1/4	131,906	1/4	123,158	1/4	111,143	1/4	99,141	1/4	87,140	1/4	75,138	1/4	63,147	
1/2	1/2	147,294	1/2	139,519	1/2	131,744	1/2	122,907	1/2	110,893	1/2	98,891	1/2	86,890	1/2	74,888	1/2	62,898	
3/4	3/4	147,132	3/4	139,357	3/4	131,583	3/4	122,657	3/4	110,643	3/4	98,641	3/4	86,640	3/4	74,638	3/4	62,648	
11	11	146,970	11	139,195	11	131,421	11	122,406	11	110,393	11	98,391	11	86,390	11	74,388	11	62,399	
1/4	1/4	146,808	1/4	139,033	1/4	131,259	1/4	122,155	1/4	110,143	1/4	98,141	1/4	86,140	1/4	74,138	1/4	62,149	
1/2	1/2	146,646	1/2	138,871	1/2	131,097	1/2	121,905	1/2	109,893	1/2	97,891	1/2	85,890	1/2	73,888	1/2	61,900	
3/4	3/4	146,484	3/4	138,709	3/4	130,935	3/4	121,654	3/4	109,643	3/4	97,641	3/4	85,640	3/4	73,638	3/4	61,651	

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 32'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "IB 1966"

1 CENTER ULLAGE 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	61,401	0	49,412	0	37,429	0	25,680	0	13,677	0	1,694	0		0		0		0	
1/4	61,152	1/4	49,162	1/4	37,186	1/4	25,430	1/4	13,427	1/4	1,456	1/4		1/4		1/4		1/4	
1/2	60,902	1/2	48,912	1/2	36,942	1/2	25,180	1/2	13,177	1/2	1,219	1/2		1/2		1/2		1/2	
3/4	60,653	3/4	48,662	3/4	36,699	3/4	24,930	3/4	12,927	3/4	1,055	3/4		3/4		3/4		3/4	
1	60,403	1	48,412	1	36,455	1	24,680	1	12,677	1	890	1		1		1		1	
1/4	60,154	1/4	48,162	1/4	36,212	1/4	24,430	1/4	12,427	1/4	726	1/4		1/4		1/4		1/4	
1/2	59,904	1/2	47,912	1/2	35,969	1/2	24,180	1/2	12,177	1/2	562	1/2		1/2		1/2		1/2	
3/4	59,655	3/4	47,662	3/4	35,725	3/4	23,930	3/4	11,927	3/4	470	3/4		3/4		3/4		3/4	
2	59,406	2	47,413	2	35,482	2	23,680	2	11,677	2	378	2		2		2		2	
1/4	59,156	1/4	47,163	1/4	35,238	1/4	23,430	1/4	11,427	1/4	286	1/4		1/4		1/4		1/4	
1/2	58,907	1/2	46,913	1/2	34,995	1/2	23,179	1/2	11,177	1/2	194	1/2		1/2		1/2		1/2	
3/4	58,657	3/4	46,663	3/4	34,752	3/4	22,929	3/4	10,927	3/4	152	3/4		3/4		3/4		3/4	
3	58,408	3	46,413	3	34,508	3	22,679	3	10,677	3	110	3		3		3		3	
1/4	58,158	1/4	46,163	1/4	34,265	1/4	22,429	1/4	10,427	1/4	69	1/4		1/4		1/4		1/4	
1/2	57,909	1/2	45,913	1/2	34,022	1/2	22,179	1/2	10,177	1/2	26	1/2		1/2		1/2		1/2	
3/4	57,659	3/4	45,663	3/4	33,778	3/4	21,929	3/4	9,927	3/4		3/4		3/4		3/4		3/4	
4	57,409	4	45,413	4	33,535	4	21,679	4	9,677	4		4		4		4		4	
1/4	57,159	1/4	45,163	1/4	33,291	1/4	21,429	1/4	9,426	1/4		1/4		1/4		1/4		1/4	
1/2	56,909	1/2	44,913	1/2	33,048	1/2	21,179	1/2	9,176	1/2		1/2		1/2		1/2		1/2	
3/4	56,659	3/4	44,663	3/4	32,805	3/4	20,929	3/4	8,926	3/4		3/4		3/4		3/4		3/4	
5	56,409	5	44,414	5	32,561	5	20,679	5	8,676	5		5		5		5		5	
1/4	56,160	1/4	44,164	1/4	32,318	1/4	20,429	1/4	8,425	1/4		1/4		1/4		1/4		1/4	
1/2	55,910	1/2	43,914	1/2	32,075	1/2	20,179	1/2	8,175	1/2		1/2		1/2		1/2		1/2	
3/4	55,660	3/4	43,664	3/4	31,831	3/4	19,929	3/4	7,925	3/4		3/4		3/4		3/4		3/4	
6	55,410	6	43,414	6	31,588	6	19,679	6	7,674	6		6		6		6		6	
1/4	55,160	1/4	43,164	1/4	31,344	1/4	19,429	1/4	7,424	1/4		1/4		1/4		1/4		1/4	
1/2	54,910	1/2	42,914	1/2	31,101	1/2	19,179	1/2	7,174	1/2		1/2		1/2		1/2		1/2	
3/4	54,660	3/4	42,664	3/4	30,858	3/4	18,929	3/4	6,924	3/4		3/4		3/4		3/4		3/4	
7	54,410	7	42,414	7	30,614	7	18,679	7	6,674	7		7		7		7		7	
1/4	54,160	1/4	42,164	1/4	30,371	1/4	18,428	1/4	6,423	1/4		1/4		1/4		1/4		1/4	
1/2	53,910	1/2	41,914	1/2	30,127	1/2	18,178	1/2	6,173	1/2		1/2		1/2		1/2		1/2	
3/4	53,660	3/4	41,665	3/4	29,884	3/4	17,928	3/4	5,923	3/4		3/4		3/4		3/4		3/4	
8	53,410	8	41,415	8	29,641	8	17,678	8	5,673	8		8		8		8		8	
1/4	53,161	1/4	41,165	1/4	29,397	1/4	17,428	1/4	5,422	1/4		1/4		1/4		1/4		1/4	
1/2	52,911	1/2	40,915	1/2	29,154	1/2	17,178	1/2	5,172	1/2		1/2		1/2		1/2		1/2	
3/4	52,661	3/4	40,665	3/4	28,911	3/4	16,928	3/4	4,921	3/4		3/4		3/4		3/4		3/4	
9	52,411	9	40,415	9	28,667	9	16,678	9	4,671	9		9		9		9		9	
1/4	52,161	1/4	40,165	1/4	28,424	1/4	16,428	1/4	4,420	1/4		1/4		1/4		1/4		1/4	
1/2	51,911	1/2	39,915	1/2	28,180	1/2	16,178	1/2	4,170	1/2		1/2		1/2		1/2		1/2	
3/4	51,661	3/4	39,665	3/4	27,930	3/4	15,928	3/4	3,919	3/4		3/4		3/4		3/4		3/4	
10	51,411	10	39,415	10	27,680	10	15,678	10	3,669	10		10		10		10		10	
1/4	51,161	1/4	39,165	1/4	27,430	1/4	15,428	1/4	3,418	1/4		1/4		1/4		1/4		1/4	
1/2	50,911	1/2	38,915	1/2	27,180	1/2	15,178	1/2	3,168	1/2		1/2		1/2		1/2		1/2	
3/4	50,661	3/4	38,666	3/4	26,930	3/4	14,928	3/4	2,918	3/4		3/4		3/4		3/4		3/4	
11	50,412	11	38,416	11	26,680	11	14,678	11	2,668	11		11		11		11		11	
1/4	50,162	1/4	38,166	1/4	26,430	1/4	14,428	1/4	2,418	1/4		1/4		1/4		1/4		1/4	
1/2	49,912	1/2	37,916	1/2	26,180	1/2	14,178	1/2	2,168	1/2		1/2		1/2		1/2		1/2	
3/4	49,662	3/4	37,672	3/4	25,930	3/4	13,928	3/4	1,931	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
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BARGE "IB 1966"

2 CENTER ULLAGE 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		0		0	151,421	0	139,900	0	128,379	0	116,859	0	105,338	0	93,817	0	82,297	0	70,776
1/4	1/4	161,250	1/4	151,181	1/4	139,660	1/4	128,139	1/4	116,619	1/4	105,098	1/4	93,577	1/4	82,057	1/4	70,536	
1/2	1/2	161,240	1/2	150,941	1/2	139,420	1/2	127,899	1/2	116,379	1/2	104,858	1/2	93,337	1/2	81,817	1/2	70,296	
3/4	3/4	161,180	3/4	150,701	3/4	139,180	3/4	127,659	3/4	116,139	3/4	104,618	3/4	93,097	3/4	81,577	3/4	70,056	
1	1	161,120	1	150,461	1	138,940	1	127,419	1	115,899	1	104,378	1	92,857	1	81,337	1	69,816	
1/4	1/4	161,060	1/4	150,221	1/4	138,700	1/4	127,179	1/4	115,659	1/4	104,138	1/4	92,617	1/4	81,097	1/4	69,576	
1/2	1/2	161,000	1/2	149,981	1/2	138,460	1/2	126,939	1/2	115,419	1/2	103,898	1/2	92,377	1/2	80,857	1/2	69,336	
3/4	3/4	160,860	3/4	149,741	3/4	138,220	3/4	126,699	3/4	115,179	3/4	103,658	3/4	92,137	3/4	80,617	3/4	69,096	
2	2	160,720	2	149,501	2	137,980	2	126,459	2	114,939	2	103,418	2	91,897	2	80,377	2	68,856	
1/4	1/4	160,580	1/4	149,261	1/4	137,740	1/4	126,219	1/4	114,699	1/4	103,178	1/4	91,657	1/4	80,137	1/4	68,616	
1/2	1/2	160,440	1/2	149,021	1/2	137,500	1/2	125,979	1/2	114,459	1/2	102,938	1/2	91,417	1/2	79,897	1/2	68,376	
3/4	3/4	160,223	3/4	148,781	3/4	137,260	3/4	125,739	3/4	114,219	3/4	102,698	3/4	91,177	3/4	79,657	3/4	68,136	
3	3	160,007	3	148,541	3	137,020	3	125,499	3	113,979	3	102,458	3	90,937	3	79,417	3	67,896	
1/4	1/4	159,790	1/4	148,301	1/4	136,780	1/4	125,259	1/4	113,739	1/4	102,218	1/4	90,697	1/4	79,177	1/4	67,656	
1/2	1/2	159,573	1/2	148,061	1/2	136,540	1/2	125,019	1/2	113,499	1/2	101,978	1/2	90,457	1/2	78,937	1/2	67,416	
3/4	3/4	159,335	3/4	147,821	3/4	136,300	3/4	124,779	3/4	113,259	3/4	101,738	3/4	90,217	3/4	78,697	3/4	67,176	
4	4	159,096	4	147,581	4	136,060	4	124,539	4	113,019	4	101,498	4	89,977	4	78,457	4	66,936	
1/4	1/4	158,858	1/4	147,341	1/4	135,820	1/4	124,299	1/4	112,779	1/4	101,258	1/4	89,737	1/4	78,217	1/4	66,696	
1/2	1/2	158,619	1/2	147,101	1/2	135,580	1/2	124,059	1/2	112,539	1/2	101,018	1/2	89,497	1/2	77,977	1/2	66,456	
3/4	3/4	158,380	3/4	146,861	3/4	135,340	3/4	123,819	3/4	112,299	3/4	100,778	3/4	89,257	3/4	77,736	3/4	66,216	
5	5	158,140	5	146,621	5	135,100	5	123,579	5	112,059	5	100,538	5	89,017	5	77,496	5	65,976	
1/4	1/4	157,901	1/4	146,381	1/4	134,860	1/4	123,339	1/4	111,818	1/4	100,298	1/4	88,777	1/4	77,256	1/4	65,736	
1/2	1/2	157,661	1/2	146,141	1/2	134,620	1/2	123,099	1/2	111,578	1/2	100,058	1/2	88,537	1/2	77,016	1/2	65,496	
3/4	3/4	157,421	3/4	145,900	3/4	134,380	3/4	122,859	3/4	111,338	3/4	99,818	3/4	88,297	3/4	76,776	3/4	65,256	
6	6	157,181	6	145,660	6	134,140	6	122,619	6	111,098	6	99,578	6	88,057	6	76,536	6	65,016	
1/4	1/4	156,941	1/4	145,420	1/4	133,900	1/4	122,379	1/4	110,858	1/4	99,338	1/4	87,817	1/4	76,296	1/4	64,776	
1/2	1/2	156,701	1/2	145,180	1/2	133,660	1/2	122,139	1/2	110,618	1/2	99,098	1/2	87,577	1/2	76,056	1/2	64,536	
3/4	3/4	156,461	3/4	144,940	3/4	133,420	3/4	121,899	3/4	110,378	3/4	98,858	3/4	87,337	3/4	75,816	3/4	64,296	
7	7	156,221	7	144,700	7	133,180	7	121,659	7	110,138	7	98,618	7	87,097	7	75,576	7	64,056	
1/4	1/4	155,981	1/4	144,460	1/4	132,940	1/4	121,419	1/4	109,898	1/4	98,378	1/4	86,857	1/4	75,336	1/4	63,816	
1/2	1/2	155,741	1/2	144,220	1/2	132,700	1/2	121,179	1/2	109,658	1/2	98,138	1/2	86,617	1/2	75,096	1/2	63,576	
3/4	3/4	155,501	3/4	143,980	3/4	132,460	3/4	120,939	3/4	109,418	3/4	97,898	3/4	86,377	3/4	74,856	3/4	63,336	
8	8	155,261	8	143,740	8	132,220	8	120,699	8	109,178	8	97,658	8	86,137	8	74,616	8	63,096	
1/4	1/4	155,021	1/4	143,500	1/4	131,980	1/4	120,459	1/4	108,938	1/4	97,418	1/4	85,897	1/4	74,376	1/4	62,856	
1/2	1/2	154,781	1/2	143,260	1/2	131,740	1/2	120,219	1/2	108,698	1/2	97,178	1/2	85,657	1/2	74,136	1/2	62,616	
3/4	3/4	154,541	3/4	143,020	3/4	131,500	3/4	119,979	3/4	108,458	3/4	96,938	3/4	85,417	3/4	73,896	3/4	62,376	
9	9	154,301	9	142,780	9	131,260	9	119,739	9	108,218	9	96,698	9	85,177	9	73,656	9	62,136	
1/4	1/4	154,061	1/4	142,540	1/4	131,020	1/4	119,499	1/4	107,978	1/4	96,458	1/4	84,937	1/4	73,416	1/4	61,896	
1/2	1/2	153,821	1/2	142,300	1/2	130,780	1/2	119,259	1/2	107,738	1/2	96,218	1/2	84,697	1/2	73,176	1/2	61,656	
3/4	3/4	153,581	3/4	142,060	3/4	130,540	3/4	119,019	3/4	107,498	3/4	95,978	3/4	84,457	3/4	72,936	3/4	61,416	
10	10	153,341	10	141,820	10	130,300	10	118,779	10	107,258	10	95,738	10	84,217	10	72,696	10	61,176	
1/4	1/4	153,101	1/4	141,580	1/4	130,060	1/4	118,539	1/4	107,018	1/4	95,498	1/4	83,977	1/4	72,456	1/4	60,936	
1/2	1/2	152,861	1/2	141,340	1/2	129,820	1/2	118,299	1/2	106,778	1/2	95,258	1/2	83,737	1/2	72,216	1/2	60,696	
3/4	3/4	152,621	3/4	141,100	3/4	129,580	3/4	118,059	3/4	106,538	3/4	95,018	3/4	83,497	3/4	71,976	3/4	60,456	
11	11	152,381	11	140,860	11	129,340	11	117,819	11	106,298	11	94,777	11	83,257	11	71,736	11	60,216	
1/4	1/4	152,141	1/4	140,620	1/4	129,100	1/4	117,579	1/4	106,058	1/4	94,537	1/4	83,017	1/4	71,496	1/4	59,976	
1/2	1/2	151,901	1/2	140,380	1/2	128,859	1/2	117,339	1/2	105,818	1/2	94,297	1/2	82,777	1/2	71,256	1/2	59,736	
3/4	3/4	151,661	3/4	140,140	3/4	128,619	3/4	117,099	3/4	105,578	3/4	94,057	3/4	82,537	3/4	71,016	3/4	59,496	

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'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1966"

2 CENTER ULLAGE 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	59,255	0	47,735	0	36,228	0	24,975	0	13,455	0	1,942	0		0		0		0	
1/4	59,015	1/4	47,495	1/4	35,995	1/4	24,735	1/4	13,215	1/4	1,704	1/4		1/4		1/4		1/4	
1/2	58,775	1/2	47,255	1/2	35,762	1/2	24,495	1/2	12,975	1/2	1,466	1/2		1/2		1/2		1/2	
3/4	58,535	3/4	47,015	3/4	35,529	3/4	24,255	3/4	12,735	3/4	1,266	3/4		3/4		3/4		3/4	
1	58,295	1	46,775	1	35,296	1	24,015	1	12,495	1	1,066	1		1		1		1	
1/4	58,055	1/4	46,535	1/4	35,063	1/4	23,775	1/4	12,255	1/4	866	1/4		1/4		1/4		1/4	
1/2	57,815	1/2	46,295	1/2	34,830	1/2	23,535	1/2	12,015	1/2	666	1/2		1/2		1/2		1/2	
3/4	57,575	3/4	46,055	3/4	34,597	3/4	23,295	3/4	11,775	3/4	546	3/4		3/4		3/4		3/4	
2	57,335	2	45,815	2	34,364	2	23,055	2	11,535	2	426	2		2		2		2	
1/4	57,095	1/4	45,575	1/4	34,131	1/4	22,815	1/4	11,295	1/4	306	1/4		1/4		1/4		1/4	
1/2	56,855	1/2	45,335	1/2	33,898	1/2	22,575	1/2	11,055	1/2	186	1/2		1/2		1/2		1/2	
3/4	56,615	3/4	45,095	3/4	33,665	3/4	22,335	3/4	10,815	3/4	146	3/4		3/4		3/4		3/4	
3	56,375	3	44,855	3	33,432	3	22,095	3	10,575	3	106	3		3		3		3	
1/4	56,135	1/4	44,615	1/4	33,199	1/4	21,855	1/4	10,335	1/4	66	1/4		1/4		1/4		1/4	
1/2	55,895	1/2	44,375	1/2	32,966	1/2	21,615	1/2	10,095	1/2	26	1/2		1/2		1/2		1/2	
3/4	55,655	3/4	44,135	3/4	32,733	3/4	21,375	3/4	9,855	3/4		3/4		3/4		3/4		3/4	
4	55,415	4	43,895	4	32,500	4	21,135	4	9,615	4		4		4		4		4	
1/4	55,175	1/4	43,654	1/4	32,267	1/4	20,895	1/4	9,375	1/4		1/4		1/4		1/4		1/4	
1/2	54,935	1/2	43,414	1/2	32,034	1/2	20,655	1/2	9,135	1/2		1/2		1/2		1/2		1/2	
3/4	54,695	3/4	43,174	3/4	31,802	3/4	20,415	3/4	8,895	3/4		3/4		3/4		3/4		3/4	
5	54,455	5	42,934	5	31,569	5	20,175	5	8,655	5		5		5		5		5	
1/4	54,215	1/4	42,694	1/4	31,336	1/4	19,935	1/4	8,415	1/4		1/4		1/4		1/4		1/4	
1/2	53,975	1/2	42,454	1/2	31,103	1/2	19,695	1/2	8,175	1/2		1/2		1/2		1/2		1/2	
3/4	53,735	3/4	42,214	3/4	30,870	3/4	19,455	3/4	7,935	3/4		3/4		3/4		3/4		3/4	
6	53,495	6	41,974	6	30,637	6	19,215	6	7,695	6		6		6		6		6	
1/4	53,255	1/4	41,734	1/4	30,404	1/4	18,975	1/4	7,455	1/4		1/4		1/4		1/4		1/4	
1/2	53,015	1/2	41,494	1/2	30,171	1/2	18,735	1/2	7,215	1/2		1/2		1/2		1/2		1/2	
3/4	52,775	3/4	41,254	3/4	29,938	3/4	18,495	3/4	6,975	3/4		3/4		3/4		3/4		3/4	
7	52,535	7	41,014	7	29,705	7	18,255	7	6,735	7		7		7		7		7	
1/4	52,295	1/4	40,774	1/4	29,472	1/4	18,015	1/4	6,495	1/4		1/4		1/4		1/4		1/4	
1/2	52,055	1/2	40,534	1/2	29,239	1/2	17,775	1/2	6,255	1/2		1/2		1/2		1/2		1/2	
3/4	51,815	3/4	40,294	3/4	29,006	3/4	17,535	3/4	6,015	3/4		3/4		3/4		3/4		3/4	
8	51,575	8	40,054	8	28,773	8	17,295	8	5,775	8		8		8		8		8	
1/4	51,335	1/4	39,814	1/4	28,540	1/4	17,055	1/4	5,535	1/4		1/4		1/4		1/4		1/4	
1/2	51,095	1/2	39,574	1/2	28,307	1/2	16,815	1/2	5,295	1/2		1/2		1/2		1/2		1/2	
3/4	50,855	3/4	39,334	3/4	28,074	3/4	16,575	3/4	5,055	3/4		3/4		3/4		3/4		3/4	
9	50,615	9	39,094	9	27,841	9	16,335	9	4,815	9		9		9		9		9	
1/4	50,375	1/4	38,854	1/4	27,608	1/4	16,095	1/4	4,575	1/4		1/4		1/4		1/4		1/4	
1/2	50,135	1/2	38,614	1/2	27,375	1/2	15,855	1/2	4,335	1/2		1/2		1/2		1/2		1/2	
3/4	49,895	3/4	38,374	3/4	27,135	3/4	15,615	3/4	4,095	3/4		3/4		3/4		3/4		3/4	
10	49,655	10	38,134	10	26,895	10	15,375	10	3,855	10		10		10		10		10	
1/4	49,415	1/4	37,894	1/4	26,655	1/4	15,135	1/4	3,615	1/4		1/4		1/4		1/4		1/4	
1/2	49,175	1/2	37,654	1/2	26,415	1/2	14,895	1/2	3,375	1/2		1/2		1/2		1/2		1/2	
3/4	48,935	3/4	37,414	3/4	26,175	3/4	14,655	3/4	3,136	3/4		3/4		3/4		3/4		3/4	
11	48,695	11	37,174	11	25,935	11	14,415	11	2,897	11		11		11		11		11	
1/4	48,455	1/4	36,934	1/4	25,695	1/4	14,175	1/4	2,657	1/4		1/4		1/4		1/4		1/4	
1/2	48,215	1/2	36,694	1/2	25,455	1/2	13,935	1/2	2,418	1/2		1/2		1/2		1/2		1/2	
3/4	47,975	3/4	36,461	3/4	25,215	3/4	13,695	3/4	2,180	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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BARGE "IB 1966"

3 CENTER ULLAGE 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		0		0	151,613	0	140,098	0	128,583	0	117,068	0	105,553	0	94,037	0	82,522	0	71,007
1/4	1/4	161,438	1/4	151,374	1/4	139,858	1/4	128,343	1/4	116,828	1/4	105,313	1/4	93,797	1/4	82,282	1/4	70,767	
1/2	1/2	161,428	1/2	151,134	1/2	139,618	1/2	128,103	1/2	116,588	1/2	105,073	1/2	93,558	1/2	82,042	1/2	70,527	
3/4	3/4	161,368	3/4	150,894	3/4	139,379	3/4	127,863	3/4	116,348	3/4	104,833	3/4	93,318	3/4	81,802	3/4	70,287	
1	1	161,308	1	150,654	1	139,139	1	127,623	1	116,108	1	104,593	1	93,078	1	81,563	1	70,047	
1/4	1/4	161,248	1/4	150,414	1/4	138,899	1/4	127,384	1/4	115,868	1/4	104,353	1/4	92,838	1/4	81,323	1/4	69,807	
1/2	1/2	161,188	1/2	150,174	1/2	138,659	1/2	127,144	1/2	115,628	1/2	104,113	1/2	92,598	1/2	81,083	1/2	69,567	
3/4	3/4	161,048	3/4	149,934	3/4	138,419	3/4	126,904	3/4	115,388	3/4	103,873	3/4	92,358	3/4	80,843	3/4	69,328	
2	2	160,908	2	149,694	2	138,179	2	126,664	2	115,149	2	103,633	2	92,118	2	80,603	2	69,088	
1/4	1/4	160,768	1/4	149,454	1/4	137,939	1/4	126,424	1/4	114,909	1/4	103,393	1/4	91,878	1/4	80,363	1/4	68,848	
1/2	1/2	160,628	1/2	149,214	1/2	137,699	1/2	126,184	1/2	114,669	1/2	103,154	1/2	91,638	1/2	80,123	1/2	68,608	
3/4	3/4	160,412	3/4	148,975	3/4	137,459	3/4	125,944	3/4	114,429	3/4	102,914	3/4	91,398	3/4	79,883	3/4	68,368	
3	3	160,195	3	148,735	3	137,219	3	125,704	3	114,189	3	102,674	3	91,159	3	79,643	3	68,128	
1/4	1/4	159,979	1/4	148,495	1/4	136,980	1/4	125,464	1/4	113,949	1/4	102,434	1/4	90,919	1/4	79,403	1/4	67,888	
1/2	1/2	159,762	1/2	148,255	1/2	136,740	1/2	125,224	1/2	113,709	1/2	102,194	1/2	90,679	1/2	79,164	1/2	67,648	
3/4	3/4	159,524	3/4	148,015	3/4	136,500	3/4	124,985	3/4	113,469	3/4	101,954	3/4	90,439	3/4	78,924	3/4	67,408	
4	4	159,285	4	147,775	4	136,260	4	124,745	4	113,229	4	101,714	4	90,199	4	78,684	4	67,168	
1/4	1/4	159,047	1/4	147,535	1/4	136,020	1/4	124,505	1/4	112,989	1/4	101,474	1/4	89,959	1/4	78,444	1/4	66,929	
1/2	1/2	158,809	1/2	147,295	1/2	135,780	1/2	124,265	1/2	112,750	1/2	101,234	1/2	89,719	1/2	78,204	1/2	66,689	
3/4	3/4	158,569	3/4	147,055	3/4	135,540	3/4	124,025	3/4	112,510	3/4	100,994	3/4	89,479	3/4	77,964	3/4	66,449	
5	5	158,330	5	146,815	5	135,300	5	123,785	5	112,270	5	100,755	5	89,239	5	77,724	5	66,209	
1/4	1/4	158,090	1/4	146,576	1/4	135,060	1/4	123,545	1/4	112,030	1/4	100,515	1/4	88,999	1/4	77,484	1/4	65,969	
1/2	1/2	157,851	1/2	146,336	1/2	134,820	1/2	123,305	1/2	111,790	1/2	100,275	1/2	88,760	1/2	77,244	1/2	65,729	
3/4	3/4	157,611	3/4	146,096	3/4	134,581	3/4	123,065	3/4	111,550	3/4	100,035	3/4	88,520	3/4	77,004	3/4	65,489	
6	6	157,371	6	145,856	6	134,341	6	122,825	6	111,310	6	99,795	6	88,280	6	76,764	6	65,249	
1/4	1/4	157,131	1/4	145,616	1/4	134,101	1/4	122,586	1/4	111,070	1/4	99,555	1/4	88,040	1/4	76,525	1/4	65,009	
1/2	1/2	156,891	1/2	145,376	1/2	133,861	1/2	122,346	1/2	110,830	1/2	99,315	1/2	87,800	1/2	76,285	1/2	64,769	
3/4	3/4	156,651	3/4	145,136	3/4	133,621	3/4	122,106	3/4	110,590	3/4	99,075	3/4	87,560	3/4	76,045	3/4	64,530	
7	7	156,411	7	144,896	7	133,381	7	121,866	7	110,351	7	98,835	7	87,320	7	75,805	7	64,290	
1/4	1/4	156,172	1/4	144,656	1/4	133,141	1/4	121,626	1/4	110,111	1/4	98,595	1/4	87,080	1/4	75,565	1/4	64,050	
1/2	1/2	155,932	1/2	144,416	1/2	132,901	1/2	121,386	1/2	109,871	1/2	98,356	1/2	86,840	1/2	75,325	1/2	63,810	
3/4	3/4	155,692	3/4	144,177	3/4	132,661	3/4	121,146	3/4	109,631	3/4	98,116	3/4	86,600	3/4	75,085	3/4	63,570	
8	8	155,452	8	143,937	8	132,421	8	120,906	8	109,391	8	97,876	8	86,361	8	74,845	8	63,330	
1/4	1/4	155,212	1/4	143,697	1/4	132,182	1/4	120,666	1/4	109,151	1/4	97,636	1/4	86,121	1/4	74,605	1/4	63,090	
1/2	1/2	154,972	1/2	143,457	1/2	131,942	1/2	120,426	1/2	108,911	1/2	97,396	1/2	85,881	1/2	74,365	1/2	62,850	
3/4	3/4	154,732	3/4	143,217	3/4	131,702	3/4	120,187	3/4	108,671	3/4	97,156	3/4	85,641	3/4	74,126	3/4	62,610	
9	9	154,492	9	142,977	9	131,462	9	119,947	9	108,431	9	96,916	9	85,401	9	73,886	9	62,370	
1/4	1/4	154,252	1/4	142,737	1/4	131,222	1/4	119,707	1/4	108,191	1/4	96,676	1/4	85,161	1/4	73,646	1/4	62,131	
1/2	1/2	154,012	1/2	142,497	1/2	130,982	1/2	119,467	1/2	107,952	1/2	96,436	1/2	84,921	1/2	73,406	1/2	61,891	
3/4	3/4	153,773	3/4	142,257	3/4	130,742	3/4	119,227	3/4	107,712	3/4	96,196	3/4	84,681	3/4	73,166	3/4	61,651	
10	10	153,533	10	142,017	10	130,502	10	118,987	10	107,472	10	95,957	10	84,441	10	72,926	10	61,411	
1/4	1/4	153,293	1/4	141,778	1/4	130,262	1/4	118,747	1/4	107,232	1/4	95,717	1/4	84,201	1/4	72,686	1/4	61,171	
1/2	1/2	153,053	1/2	141,538	1/2	130,022	1/2	118,507	1/2	106,992	1/2	95,477	1/2	83,962	1/2	72,446	1/2	60,931	
3/4	3/4	152,813	3/4	141,298	3/4	129,783	3/4	118,267	3/4	106,752	3/4	95,237	3/4	83,722	3/4	72,206	3/4	60,691	
11	11	152,573	11	141,058	11	129,543	11	118,027	11	106,512	11	94,997	11	83,482	11	71,966	11	60,451	
1/4	1/4	152,333	1/4	140,818	1/4	129,303	1/4	117,787	1/4	106,272	1/4	94,757	1/4	83,242	1/4	71,727	1/4	60,211	
1/2	1/2	152,093	1/2	140,578	1/2	129,063	1/2	117,548	1/2	106,032	1/2	94,517	1/2	83,002	1/2	71,487	1/2	59,971	
3/4	3/4	151,853	3/4	140,338	3/4	128,823	3/4	117,308	3/4	105,792	3/4	94,277	3/4	82,762	3/4	71,247	3/4	59,732	

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "IB 1966"

3 CENTER ULLAGE 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	59,492	0	47,976	0	36,462	0	24,964	0	13,449	0	1,941	0		0		0		0	
1/4	59,252	1/4	47,737	1/4	36,222	1/4	24,724	1/4	13,209	1/4	1,703	1/4		1/4		1/4		1/4	
1/2	59,012	1/2	47,497	1/2	35,983	1/2	24,484	1/2	12,969	1/2	1,466	1/2		1/2		1/2		1/2	
3/4	58,772	3/4	47,257	3/4	35,743	3/4	24,244	3/4	12,729	3/4	1,266	3/4		3/4		3/4		3/4	
1	58,532	1	47,017	1	35,504	1	24,004	1	12,490	1	1,066	1		1		1		1	
1/4	58,292	1/4	46,777	1/4	35,264	1/4	23,764	1/4	12,250	1/4	866	1/4		1/4		1/4		1/4	
1/2	58,052	1/2	46,537	1/2	35,025	1/2	23,525	1/2	12,010	1/2	666	1/2		1/2		1/2		1/2	
3/4	57,812	3/4	46,297	3/4	34,786	3/4	23,285	3/4	11,770	3/4	546	3/4		3/4		3/4		3/4	
2	57,572	2	46,057	2	34,546	2	23,045	2	11,530	2	427	2		2		2		2	
1/4	57,333	1/4	45,817	1/4	34,307	1/4	22,805	1/4	11,290	1/4	307	1/4		1/4		1/4		1/4	
1/2	57,093	1/2	45,577	1/2	34,067	1/2	22,565	1/2	11,050	1/2	187	1/2		1/2		1/2		1/2	
3/4	56,853	3/4	45,338	3/4	33,828	3/4	22,325	3/4	10,810	3/4	147	3/4		3/4		3/4		3/4	
3	56,613	3	45,098	3	33,588	3	22,085	3	10,570	3	107	3		3		3		3	
1/4	56,373	1/4	44,858	1/4	33,349	1/4	21,845	1/4	10,330	1/4	67	1/4		1/4		1/4		1/4	
1/2	56,133	1/2	44,618	1/2	33,109	1/2	21,605	1/2	10,091	1/2	26	1/2		1/2		1/2		1/2	
3/4	55,893	3/4	44,378	3/4	32,870	3/4	21,365	3/4	9,851	3/4		3/4		3/4		3/4		3/4	
4	55,653	4	44,138	4	32,631	4	21,126	4	9,611	4		4		4		4		4	
1/4	55,413	1/4	43,898	1/4	32,391	1/4	20,886	1/4	9,371	1/4		1/4		1/4		1/4		1/4	
1/2	55,173	1/2	43,658	1/2	32,152	1/2	20,646	1/2	9,131	1/2		1/2		1/2		1/2		1/2	
3/4	54,934	3/4	43,418	3/4	31,912	3/4	20,406	3/4	8,891	3/4		3/4		3/4		3/4		3/4	
5	54,694	5	43,178	5	31,673	5	20,166	5	8,651	5		5		5		5		5	
1/4	54,454	1/4	42,939	1/4	31,433	1/4	19,926	1/4	8,411	1/4		1/4		1/4		1/4		1/4	
1/2	54,214	1/2	42,699	1/2	31,194	1/2	19,686	1/2	8,171	1/2		1/2		1/2		1/2		1/2	
3/4	53,974	3/4	42,459	3/4	30,954	3/4	19,446	3/4	7,932	3/4		3/4		3/4		3/4		3/4	
6	53,734	6	42,219	6	30,715	6	19,206	6	7,692	6		6		6		6		6	
1/4	53,494	1/4	41,979	1/4	30,476	1/4	18,967	1/4	7,452	1/4		1/4		1/4		1/4		1/4	
1/2	53,254	1/2	41,739	1/2	30,236	1/2	18,727	1/2	7,212	1/2		1/2		1/2		1/2		1/2	
3/4	53,014	3/4	41,499	3/4	29,997	3/4	18,487	3/4	6,972	3/4		3/4		3/4		3/4		3/4	
7	52,774	7	41,259	7	29,757	7	18,247	7	6,732	7		7		7		7		7	
1/4	52,535	1/4	41,019	1/4	29,518	1/4	18,007	1/4	6,492	1/4		1/4		1/4		1/4		1/4	
1/2	52,295	1/2	40,779	1/2	29,278	1/2	17,767	1/2	6,252	1/2		1/2		1/2		1/2		1/2	
3/4	52,055	3/4	40,540	3/4	29,039	3/4	17,527	3/4	6,013	3/4		3/4		3/4		3/4		3/4	
8	51,815	8	40,300	8	28,799	8	17,287	8	5,773	8		8		8		8		8	
1/4	51,575	1/4	40,060	1/4	28,560	1/4	17,047	1/4	5,533	1/4		1/4		1/4		1/4		1/4	
1/2	51,335	1/2	39,820	1/2	28,321	1/2	16,808	1/2	5,293	1/2		1/2		1/2		1/2		1/2	
3/4	51,095	3/4	39,580	3/4	28,081	3/4	16,568	3/4	5,053	3/4		3/4		3/4		3/4		3/4	
9	50,855	9	39,340	9	27,842	9	16,328	9	4,813	9		9		9		9		9	
1/4	50,615	1/4	39,100	1/4	27,602	1/4	16,088	1/4	4,573	1/4		1/4		1/4		1/4		1/4	
1/2	50,375	1/2	38,860	1/2	27,363	1/2	15,848	1/2	4,333	1/2		1/2		1/2		1/2		1/2	
3/4	50,136	3/4	38,620	3/4	27,123	3/4	15,608	3/4	4,094	3/4		3/4		3/4		3/4		3/4	
10	49,896	10	38,380	10	26,883	10	15,368	10	3,854	10		10		10		10		10	
1/4	49,656	1/4	38,140	1/4	26,643	1/4	15,128	1/4	3,614	1/4		1/4		1/4		1/4		1/4	
1/2	49,416	1/2	37,901	1/2	26,403	1/2	14,888	1/2	3,374	1/2		1/2		1/2		1/2		1/2	
3/4	49,176	3/4	37,661	3/4	26,163	3/4	14,649	3/4	3,135	3/4		3/4		3/4		3/4		3/4	
11	48,936	11	37,421	11	25,923	11	14,409	11	2,896	11		11		11		11		11	
1/4	48,696	1/4	37,181	1/4	25,684	1/4	14,169	1/4	2,656	1/4		1/4		1/4		1/4		1/4	
1/2	48,456	1/2	36,941	1/2	25,444	1/2	13,929	1/2	2,417	1/2		1/2		1/2		1/2		1/2	
3/4	48,216	3/4	36,701	3/4	25,204	3/4	13,689	3/4	2,179	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
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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

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