



BARGE "IB 1969"

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	00-5/8	- 00-5/8	00-5/8	- 00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

March 17, 2016

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

<http://www.pmacorp.net>



BARGE "IB 1969"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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		0	146,434	0	138,662	0	130,890	0	121,613	0	109,605	0	97,608	0	85,610	0	73,612
1/4		1/4		1/4	146,272	1/4	138,500	1/4	130,728	1/4	121,362	1/4	109,355	1/4	97,358	1/4	85,360	1/4	73,362
1/2		1/2	152,810	1/2	146,110	1/2	138,338	1/2	130,566	1/2	121,112	1/2	109,106	1/2	97,108	1/2	85,110	1/2	73,112
3/4		3/4	152,800	3/4	145,948	3/4	138,176	3/4	130,404	3/4	120,862	3/4	108,856	3/4	96,858	3/4	84,860	3/4	72,862
1		1	152,737	1	145,786	1	138,014	1	130,242	1	120,611	1	108,606	1	96,608	1	84,610	1	72,612
1/4		1/4	152,674	1/4	145,624	1/4	137,852	1/4	130,080	1/4	120,361	1/4	108,356	1/4	96,358	1/4	84,361	1/4	72,363
1/2		1/2	152,612	1/2	145,462	1/2	137,690	1/2	129,919	1/2	120,110	1/2	108,106	1/2	96,108	1/2	84,111	1/2	72,113
3/4		3/4	152,549	3/4	145,300	3/4	137,529	3/4	129,757	3/4	119,860	3/4	107,856	3/4	95,858	3/4	83,861	3/4	71,863
2		2	152,492	2	145,139	2	137,367	2	129,595	2	119,609	2	107,606	2	95,608	2	83,611	2	71,613
1/4		1/4	152,434	1/4	144,977	1/4	137,205	1/4	129,433	1/4	119,359	1/4	107,356	1/4	95,358	1/4	83,361	1/4	71,363
1/2		1/2	152,376	1/2	144,815	1/2	137,043	1/2	129,271	1/2	119,108	1/2	107,106	1/2	95,108	1/2	83,111	1/2	71,113
3/4		3/4	152,319	3/4	144,653	3/4	136,881	3/4	129,109	3/4	118,858	3/4	106,856	3/4	94,858	3/4	82,861	3/4	70,863
3		3	152,181	3	144,491	3	136,719	3	128,947	3	118,607	3	106,606	3	94,608	3	82,611	3	70,613
1/4		1/4	152,044	1/4	144,329	1/4	136,557	1/4	128,785	1/4	118,357	1/4	106,356	1/4	94,358	1/4	82,361	1/4	70,363
1/2		1/2	151,906	1/2	144,167	1/2	136,395	1/2	128,623	1/2	118,106	1/2	106,106	1/2	94,109	1/2	82,111	1/2	70,113
3/4		3/4	151,769	3/4	144,005	3/4	136,233	3/4	128,461	3/4	117,856	3/4	105,856	3/4	93,859	3/4	81,861	3/4	69,863
4		4	151,609	4	143,843	4	136,071	4	128,299	4	117,606	4	105,606	4	93,609	4	81,611	4	69,613
1/4		1/4	151,448	1/4	143,681	1/4	135,909	1/4	128,137	1/4	117,355	1/4	105,356	1/4	93,359	1/4	81,361	1/4	69,363
1/2		1/2	151,288	1/2	143,519	1/2	135,747	1/2	127,976	1/2	117,105	1/2	105,106	1/2	93,109	1/2	81,111	1/2	69,113
3/4		3/4	151,128	3/4	143,357	3/4	135,586	3/4	127,814	3/4	116,854	3/4	104,856	3/4	92,859	3/4	80,861	3/4	68,863
5		5	150,966	5	143,196	5	135,424	5	127,652	5	116,604	5	104,606	5	92,609	5	80,611	5	68,613
1/4		1/4	150,805	1/4	143,034	1/4	135,262	1/4	127,490	1/4	116,354	1/4	104,356	1/4	92,359	1/4	80,361	1/4	68,363
1/2		1/2	150,643	1/2	142,872	1/2	135,100	1/2	127,328	1/2	116,104	1/2	104,106	1/2	92,109	1/2	80,111	1/2	68,113
3/4		3/4	150,482	3/4	142,710	3/4	134,938	3/4	127,166	3/4	115,854	3/4	103,856	3/4	91,859	3/4	79,861	3/4	67,863
6		6	150,320	6	142,548	6	134,776	6	127,004	6	115,604	6	103,606	6	91,609	6	79,611	6	67,614
1/4		1/4	150,158	1/4	142,386	1/4	134,614	1/4	126,842	1/4	115,354	1/4	103,356	1/4	91,359	1/4	79,361	1/4	67,365
1/2		1/2	149,996	1/2	142,224	1/2	134,452	1/2	126,680	1/2	115,105	1/2	103,107	1/2	91,109	1/2	79,111	1/2	67,115
3/4		3/4	149,834	3/4	142,062	3/4	134,290	3/4	126,518	3/4	114,855	3/4	102,857	3/4	90,859	3/4	78,861	3/4	66,866
7		7	149,672	7	141,900	7	134,128	7	126,356	7	114,605	7	102,607	7	90,609	7	78,611	7	66,616
1/4		1/4	149,510	1/4	141,738	1/4	133,966	1/4	126,194	1/4	114,355	1/4	102,357	1/4	90,360	1/4	78,362	1/4	66,367
1/2		1/2	149,348	1/2	141,576	1/2	133,804	1/2	126,033	1/2	114,105	1/2	102,107	1/2	90,110	1/2	78,112	1/2	66,118
3/4		3/4	149,186	3/4	141,415	3/4	133,643	3/4	125,871	3/4	113,855	3/4	101,857	3/4	89,860	3/4	77,862	3/4	65,868
8		8	149,025	8	141,253	8	133,481	8	125,710	8	113,605	8	101,607	8	89,610	8	77,612	8	65,619
1/4		1/4	148,863	1/4	141,091	1/4	133,319	1/4	125,548	1/4	113,355	1/4	101,357	1/4	89,360	1/4	77,362	1/4	65,370
1/2		1/2	148,701	1/2	140,929	1/2	133,157	1/2	125,386	1/2	113,105	1/2	101,107	1/2	89,110	1/2	77,112	1/2	65,120
3/4		3/4	148,539	3/4	140,767	3/4	132,995	3/4	124,869	3/4	112,855	3/4	100,857	3/4	88,860	3/4	76,862	3/4	64,871
9		9	148,377	9	140,605	9	132,833	9	124,707	9	112,605	9	100,607	9	88,610	9	76,612	9	64,622
1/4		1/4	148,215	1/4	140,443	1/4	132,671	1/4	124,545	1/4	112,355	1/4	100,357	1/4	88,360	1/4	76,362	1/4	64,372
1/2		1/2	148,053	1/2	140,281	1/2	132,509	1/2	124,383	1/2	112,105	1/2	100,107	1/2	88,110	1/2	76,112	1/2	64,123
3/4		3/4	147,891	3/4	140,119	3/4	132,347	3/4	123,867	3/4	111,855	3/4	99,857	3/4	87,860	3/4	75,862	3/4	63,874
10		10	147,729	10	139,957	10	132,185	10	123,705	10	111,605	10	99,607	10	87,610	10	75,612	10	63,624
1/4		1/4	147,567	1/4	139,795	1/4	132,023	1/4	123,543	1/4	111,355	1/4	99,357	1/4	87,360	1/4	75,362	1/4	63,375
1/2		1/2	147,405	1/2	139,633	1/2	131,862	1/2	123,381	1/2	111,105	1/2	99,107	1/2	87,110	1/2	75,112	1/2	63,125
3/4		3/4	147,243	3/4	139,472	3/4	131,700	3/4	122,865	3/4	110,855	3/4	98,857	3/4	86,860	3/4	74,862	3/4	62,876
11		11	147,082	11	139,310	11	131,538	11	122,703	11	110,605	11	98,607	11	86,610	11	74,612	11	62,627
1/4		1/4	146,920	1/4	139,148	1/4	131,376	1/4	122,541	1/4	110,355	1/4	98,357	1/4	86,360	1/4	74,362	1/4	62,377
1/2		1/2	146,758	1/2	138,986	1/2	131,214	1/2	122,379	1/2	110,105	1/2	98,107	1/2	86,110	1/2	74,112	1/2	62,128
3/4		3/4	146,596	3/4	138,824	3/4	131,052	3/4	122,217	3/4	109,855	3/4	97,858	3/4	85,860	3/4	73,862	3/4	61,879

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.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1969"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	61,629	0	49,645	0	37,659	0	25,921	0	13,922	0	1,930	0		0		0		0	
1/4	61,380	1/4	49,395	1/4	37,416	1/4	25,671	1/4	13,672	1/4	1,693	1/4		1/4		1/4		1/4	
1/2	61,131	1/2	49,145	1/2	37,173	1/2	25,421	1/2	13,422	1/2	1,455	1/2		1/2		1/2		1/2	
3/4	60,881	3/4	48,895	3/4	36,929	3/4	25,171	3/4	13,172	3/4	1,218	3/4		3/4		3/4		3/4	
1	60,632	1	48,645	1	36,686	1	24,921	1	12,923	1	1,054	1		1		1		1	
1/4	60,383	1/4	48,395	1/4	36,443	1/4	24,671	1/4	12,673	1/4	890	1/4		1/4		1/4		1/4	
1/2	60,133	1/2	48,146	1/2	36,199	1/2	24,421	1/2	12,423	1/2	725	1/2		1/2		1/2		1/2	
3/4	59,884	3/4	47,896	3/4	35,956	3/4	24,171	3/4	12,173	3/4	561	3/4		3/4		3/4		3/4	
2	59,634	2	47,646	2	35,713	2	23,921	2	11,923	2	469	2		2		2		2	
1/4	59,385	1/4	47,396	1/4	35,469	1/4	23,671	1/4	11,673	1/4	377	1/4		1/4		1/4		1/4	
1/2	59,136	1/2	47,146	1/2	35,226	1/2	23,421	1/2	11,423	1/2	285	1/2		1/2		1/2		1/2	
3/4	58,886	3/4	46,896	3/4	34,983	3/4	23,171	3/4	11,173	3/4	193	3/4		3/4		3/4		3/4	
3	58,637	3	46,647	3	34,739	3	22,921	3	10,923	3	152	3		3		3		3	
1/4	58,388	1/4	46,397	1/4	34,496	1/4	22,671	1/4	10,673	1/4	110	1/4		1/4		1/4		1/4	
1/2	58,138	1/2	46,147	1/2	34,253	1/2	22,421	1/2	10,423	1/2	68	1/2		1/2		1/2		1/2	
3/4	57,889	3/4	45,897	3/4	34,010	3/4	22,171	3/4	10,173	3/4	26	3/4		3/4		3/4		3/4	
4	57,639	4	45,647	4	33,766	4	21,921	4	9,923	4		4		4		4		4	
1/4	57,389	1/4	45,397	1/4	33,523	1/4	21,671	1/4	9,673	1/4		1/4		1/4		1/4		1/4	
1/2	57,139	1/2	45,148	1/2	33,280	1/2	21,421	1/2	9,423	1/2		1/2		1/2		1/2		1/2	
3/4	56,890	3/4	44,898	3/4	33,036	3/4	21,171	3/4	9,173	3/4		3/4		3/4		3/4		3/4	
5	56,640	5	44,648	5	32,793	5	20,921	5	8,923	5		5		5		5		5	
1/4	56,390	1/4	44,398	1/4	32,550	1/4	20,672	1/4	8,672	1/4		1/4		1/4		1/4		1/4	
1/2	56,140	1/2	44,148	1/2	32,307	1/2	20,422	1/2	8,422	1/2		1/2		1/2		1/2		1/2	
3/4	55,890	3/4	43,898	3/4	32,063	3/4	20,172	3/4	8,172	3/4		3/4		3/4		3/4		3/4	
6	55,640	6	43,649	6	31,820	6	19,922	6	7,922	6		6		6		6		6	
1/4	55,391	1/4	43,399	1/4	31,577	1/4	19,672	1/4	7,671	1/4		1/4		1/4		1/4		1/4	
1/2	55,141	1/2	43,149	1/2	31,333	1/2	19,422	1/2	7,421	1/2		1/2		1/2		1/2		1/2	
3/4	54,891	3/4	42,899	3/4	31,090	3/4	19,172	3/4	7,171	3/4		3/4		3/4		3/4		3/4	
7	54,641	7	42,649	7	30,847	7	18,922	7	6,921	7		7		7		7		7	
1/4	54,391	1/4	42,400	1/4	30,603	1/4	18,672	1/4	6,671	1/4		1/4		1/4		1/4		1/4	
1/2	54,141	1/2	42,150	1/2	30,360	1/2	18,422	1/2	6,421	1/2		1/2		1/2		1/2		1/2	
3/4	53,892	3/4	41,900	3/4	30,117	3/4	18,172	3/4	6,171	3/4		3/4		3/4		3/4		3/4	
8	53,642	8	41,650	8	29,874	8	17,922	8	5,920	8		8		8		8		8	
1/4	53,392	1/4	41,400	1/4	29,630	1/4	17,672	1/4	5,670	1/4		1/4		1/4		1/4		1/4	
1/2	53,142	1/2	41,150	1/2	29,387	1/2	17,422	1/2	5,420	1/2		1/2		1/2		1/2		1/2	
3/4	52,892	3/4	40,901	3/4	29,144	3/4	17,172	3/4	5,170	3/4		3/4		3/4		3/4		3/4	
9	52,643	9	40,651	9	28,900	9	16,922	9	4,919	9		9		9		9		9	
1/4	52,393	1/4	40,401	1/4	28,657	1/4	16,672	1/4	4,669	1/4		1/4		1/4		1/4		1/4	
1/2	52,143	1/2	40,151	1/2	28,414	1/2	16,422	1/2	4,418	1/2		1/2		1/2		1/2		1/2	
3/4	51,893	3/4	39,901	3/4	28,171	3/4	16,172	3/4	4,168	3/4		3/4		3/4		3/4		3/4	
10	51,643	10	39,651	10	27,921	10	15,922	10	3,917	10		10		10		10		10	
1/4	51,393	1/4	39,402	1/4	27,671	1/4	15,672	1/4	3,667	1/4		1/4		1/4		1/4		1/4	
1/2	51,144	1/2	39,152	1/2	27,421	1/2	15,422	1/2	3,417	1/2		1/2		1/2		1/2		1/2	
3/4	50,894	3/4	38,902	3/4	27,171	3/4	15,172	3/4	3,166	3/4		3/4		3/4		3/4		3/4	
11	50,644	11	38,652	11	26,921	11	14,922	11	2,916	11		11		11		11		11	
1/4	50,394	1/4	38,402	1/4	26,671	1/4	14,672	1/4	2,667	1/4		1/4		1/4		1/4		1/4	
1/2	50,144	1/2	38,152	1/2	26,421	1/2	14,422	1/2	2,417	1/2		1/2		1/2		1/2		1/2	
3/4	49,894	3/4	37,903	3/4	26,171	3/4	14,172	3/4	2,167	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "IB 1969"

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	151,649	0	140,111	0	128,573	0	117,035	0	105,497	0	93,959	0	82,421	0	70,883
1/4	1/4	161,493	1/4	151,409	1/4	139,871	1/4	128,333	1/4	116,794	1/4	105,256	1/4	93,718	1/4	82,180	1/4	70,642	
1/2	1/2	161,483	1/2	151,168	1/2	139,630	1/2	128,092	1/2	116,554	1/2	105,016	1/2	93,478	1/2	81,940	1/2	70,402	
3/4	3/4	161,423	3/4	150,928	3/4	139,390	3/4	127,852	3/4	116,314	3/4	104,776	3/4	93,238	3/4	81,700	3/4	70,162	
1	1	161,363	1	150,688	1	139,149	1	127,611	1	116,073	1	104,535	1	92,997	1	81,459	1	69,921	
1/4	1/4	161,303	1/4	150,447	1/4	138,909	1/4	127,371	1/4	115,833	1/4	104,295	1/4	92,757	1/4	81,219	1/4	69,681	
1/2	1/2	161,243	1/2	150,207	1/2	138,669	1/2	127,131	1/2	115,593	1/2	104,055	1/2	92,517	1/2	80,978	1/2	69,440	
3/4	3/4	161,102	3/4	149,966	3/4	138,428	3/4	126,890	3/4	115,352	3/4	103,814	3/4	92,276	3/4	80,738	3/4	69,200	
2	2	160,962	2	149,726	2	138,188	2	126,650	2	115,112	2	103,574	2	92,036	2	80,498	2	68,960	
1/4	1/4	160,822	1/4	149,486	1/4	137,948	1/4	126,410	1/4	114,871	1/4	103,333	1/4	91,795	1/4	80,257	1/4	68,719	
1/2	1/2	160,682	1/2	149,245	1/2	137,707	1/2	126,169	1/2	114,631	1/2	103,093	1/2	91,555	1/2	80,017	1/2	68,479	
3/4	3/4	160,465	3/4	149,005	3/4	137,467	3/4	125,929	3/4	114,391	3/4	102,853	3/4	91,315	3/4	79,777	3/4	68,239	
3	3	160,248	3	148,765	3	137,226	3	125,688	3	114,150	3	102,612	3	91,074	3	79,536	3	67,998	
1/4	1/4	160,031	1/4	148,524	1/4	136,986	1/4	125,448	1/4	113,910	1/4	102,372	1/4	90,834	1/4	79,296	1/4	67,758	
1/2	1/2	159,814	1/2	148,284	1/2	136,746	1/2	125,208	1/2	113,670	1/2	102,132	1/2	90,593	1/2	79,055	1/2	67,517	
3/4	3/4	159,575	3/4	148,043	3/4	136,505	3/4	124,967	3/4	113,429	3/4	101,891	3/4	90,353	3/4	78,815	3/4	67,277	
4	4	159,336	4	147,803	4	136,265	4	124,727	4	113,189	4	101,651	4	90,113	4	78,575	4	67,037	
1/4	1/4	159,097	1/4	147,563	1/4	136,025	1/4	124,487	1/4	112,948	1/4	101,410	1/4	89,872	1/4	78,334	1/4	66,796	
1/2	1/2	158,859	1/2	147,322	1/2	135,784	1/2	124,246	1/2	112,708	1/2	101,170	1/2	89,632	1/2	78,094	1/2	66,556	
3/4	3/4	158,619	3/4	147,082	3/4	135,544	3/4	124,006	3/4	112,468	3/4	100,930	3/4	89,392	3/4	77,854	3/4	66,316	
5	5	158,379	5	146,841	5	135,303	5	123,765	5	112,227	5	100,689	5	89,151	5	77,613	5	66,075	
1/4	1/4	158,139	1/4	146,601	1/4	135,063	1/4	123,525	1/4	111,987	1/4	100,449	1/4	88,911	1/4	77,373	1/4	65,835	
1/2	1/2	157,899	1/2	146,361	1/2	134,823	1/2	123,285	1/2	111,747	1/2	100,209	1/2	88,670	1/2	77,132	1/2	65,594	
3/4	3/4	157,658	3/4	146,120	3/4	134,582	3/4	123,044	3/4	111,506	3/4	99,968	3/4	88,430	3/4	76,892	3/4	65,354	
6	6	157,418	6	145,880	6	134,342	6	122,804	6	111,266	6	99,728	6	88,190	6	76,652	6	65,114	
1/4	1/4	157,178	1/4	145,640	1/4	134,102	1/4	122,564	1/4	111,025	1/4	99,487	1/4	87,949	1/4	76,411	1/4	64,873	
1/2	1/2	156,937	1/2	145,399	1/2	133,861	1/2	122,323	1/2	110,785	1/2	99,247	1/2	87,709	1/2	76,171	1/2	64,633	
3/4	3/4	156,697	3/4	145,159	3/4	133,621	3/4	122,083	3/4	110,545	3/4	99,007	3/4	87,469	3/4	75,931	3/4	64,392	
7	7	156,457	7	144,918	7	133,380	7	121,842	7	110,304	7	98,766	7	87,228	7	75,690	7	64,152	
1/4	1/4	156,216	1/4	144,678	1/4	133,140	1/4	121,602	1/4	110,064	1/4	98,526	1/4	86,988	1/4	75,450	1/4	63,912	
1/2	1/2	155,976	1/2	144,438	1/2	132,900	1/2	121,362	1/2	109,824	1/2	98,286	1/2	86,747	1/2	75,209	1/2	63,671	
3/4	3/4	155,735	3/4	144,197	3/4	132,659	3/4	121,121	3/4	109,583	3/4	98,045	3/4	86,507	3/4	74,969	3/4	63,431	
8	8	155,495	8	143,957	8	132,419	8	120,881	8	109,343	8	97,805	8	86,267	8	74,729	8	63,191	
1/4	1/4	155,255	1/4	143,717	1/4	132,179	1/4	120,641	1/4	109,102	1/4	97,564	1/4	86,026	1/4	74,488	1/4	62,950	
1/2	1/2	155,014	1/2	143,476	1/2	131,938	1/2	120,400	1/2	108,862	1/2	97,324	1/2	85,786	1/2	74,248	1/2	62,710	
3/4	3/4	154,774	3/4	143,236	3/4	131,698	3/4	120,160	3/4	108,622	3/4	97,084	3/4	85,546	3/4	74,008	3/4	62,469	
9	9	154,534	9	142,995	9	131,457	9	119,919	9	108,381	9	96,843	9	85,305	9	73,767	9	62,229	
1/4	1/4	154,293	1/4	142,755	1/4	131,217	1/4	119,679	1/4	108,141	1/4	96,603	1/4	85,065	1/4	73,527	1/4	61,989	
1/2	1/2	154,053	1/2	142,515	1/2	130,977	1/2	119,439	1/2	107,901	1/2	96,363	1/2	84,824	1/2	73,286	1/2	61,748	
3/4	3/4	153,812	3/4	142,274	3/4	130,736	3/4	119,198	3/4	107,660	3/4	96,122	3/4	84,584	3/4	73,046	3/4	61,508	
10	10	153,572	10	142,034	10	130,496	10	118,958	10	107,420	10	95,882	10	84,344	10	72,806	10	61,268	
1/4	1/4	153,332	1/4	141,794	1/4	130,256	1/4	118,717	1/4	107,179	1/4	95,641	1/4	84,103	1/4	72,565	1/4	61,027	
1/2	1/2	153,091	1/2	141,553	1/2	130,015	1/2	118,477	1/2	106,939	1/2	95,401	1/2	83,863	1/2	72,325	1/2	60,787	
3/4	3/4	152,851	3/4	141,313	3/4	129,775	3/4	118,237	3/4	106,699	3/4	95,161	3/4	83,623	3/4	72,085	3/4	60,546	
11	11	152,611	11	141,072	11	129,534	11	117,996	11	106,458	11	94,920	11	83,382	11	71,844	11	60,306	
1/4	1/4	152,370	1/4	140,832	1/4	129,294	1/4	117,756	1/4	106,218	1/4	94,680	1/4	83,142	1/4	71,604	1/4	60,066	
1/2	1/2	152,130	1/2	140,592	1/2	129,054	1/2	117,516	1/2	105,978	1/2	94,440	1/2	82,901	1/2	71,363	1/2	59,825	
3/4	3/4	151,889	3/4	140,351	3/4	128,813	3/4	117,275	3/4	105,737	3/4	94,199	3/4	82,661	3/4	71,123	3/4	59,585	

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 1969"

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	59,345	0	47,807	0	36,283	0	25,013	0	13,475	0	1,945	0		0		0		0	
1/4	59,104	1/4	47,566	1/4	36,049	1/4	24,772	1/4	13,235	1/4	1,706	1/4		1/4		1/4		1/4	
1/2	58,864	1/2	47,326	1/2	35,816	1/2	24,532	1/2	12,994	1/2	1,468	1/2		1/2		1/2		1/2	
3/4	58,623	3/4	47,085	3/4	35,582	3/4	24,292	3/4	12,754	3/4	1,268	3/4		3/4		3/4		3/4	
1	58,383	1	46,845	1	35,349	1	24,051	1	12,514	1	1,068	1		1		1		1	
1/4	58,143	1/4	46,605	1/4	35,116	1/4	23,811	1/4	12,273	1/4	867	1/4		1/4		1/4		1/4	
1/2	57,902	1/2	46,364	1/2	34,882	1/2	23,571	1/2	12,033	1/2	667	1/2		1/2		1/2		1/2	
3/4	57,662	3/4	46,124	3/4	34,649	3/4	23,330	3/4	11,793	3/4	547	3/4		3/4		3/4		3/4	
2	57,422	2	45,884	2	34,416	2	23,090	2	11,552	2	427	2		2		2		2	
1/4	57,181	1/4	45,643	1/4	34,182	1/4	22,850	1/4	11,312	1/4	307	1/4		1/4		1/4		1/4	
1/2	56,941	1/2	45,403	1/2	33,949	1/2	22,609	1/2	11,072	1/2	187	1/2		1/2		1/2		1/2	
3/4	56,700	3/4	45,162	3/4	33,716	3/4	22,369	3/4	10,831	3/4	146	3/4		3/4		3/4		3/4	
3	56,460	3	44,922	3	33,482	3	22,128	3	10,591	3	106	3		3		3		3	
1/4	56,220	1/4	44,682	1/4	33,249	1/4	21,888	1/4	10,350	1/4	66	1/4		1/4		1/4		1/4	
1/2	55,979	1/2	44,441	1/2	33,016	1/2	21,648	1/2	10,110	1/2	26	1/2		1/2		1/2		1/2	
3/4	55,739	3/4	44,201	3/4	32,783	3/4	21,407	3/4	9,870	3/4		3/4		3/4		3/4		3/4	
4	55,499	4	43,961	4	32,549	4	21,167	4	9,629	4		4		4		4		4	
1/4	55,258	1/4	43,720	1/4	32,316	1/4	20,927	1/4	9,389	1/4		1/4		1/4		1/4		1/4	
1/2	55,018	1/2	43,480	1/2	32,083	1/2	20,686	1/2	9,149	1/2		1/2		1/2		1/2		1/2	
3/4	54,777	3/4	43,239	3/4	31,849	3/4	20,446	3/4	8,908	3/4		3/4		3/4		3/4		3/4	
5	54,537	5	42,999	5	31,616	5	20,206	5	8,668	5		5		5		5		5	
1/4	54,297	1/4	42,759	1/4	31,383	1/4	19,965	1/4	8,428	1/4		1/4		1/4		1/4		1/4	
1/2	54,056	1/2	42,518	1/2	31,149	1/2	19,725	1/2	8,187	1/2		1/2		1/2		1/2		1/2	
3/4	53,816	3/4	42,278	3/4	30,916	3/4	19,484	3/4	7,947	3/4		3/4		3/4		3/4		3/4	
6	53,576	6	42,038	6	30,683	6	19,244	6	7,706	6		6		6		6		6	
1/4	53,335	1/4	41,797	1/4	30,449	1/4	19,004	1/4	7,466	1/4		1/4		1/4		1/4		1/4	
1/2	53,095	1/2	41,557	1/2	30,216	1/2	18,763	1/2	7,226	1/2		1/2		1/2		1/2		1/2	
3/4	52,854	3/4	41,316	3/4	29,983	3/4	18,523	3/4	6,985	3/4		3/4		3/4		3/4		3/4	
7	52,614	7	41,076	7	29,750	7	18,283	7	6,745	7		7		7		7		7	
1/4	52,374	1/4	40,836	1/4	29,516	1/4	18,042	1/4	6,505	1/4		1/4		1/4		1/4		1/4	
1/2	52,133	1/2	40,595	1/2	29,283	1/2	17,802	1/2	6,264	1/2		1/2		1/2		1/2		1/2	
3/4	51,893	3/4	40,355	3/4	29,050	3/4	17,561	3/4	6,024	3/4		3/4		3/4		3/4		3/4	
8	51,653	8	40,115	8	28,816	8	17,321	8	5,784	8		8		8		8		8	
1/4	51,412	1/4	39,874	1/4	28,583	1/4	17,081	1/4	5,543	1/4		1/4		1/4		1/4		1/4	
1/2	51,172	1/2	39,634	1/2	28,350	1/2	16,840	1/2	5,303	1/2		1/2		1/2		1/2		1/2	
3/4	50,931	3/4	39,393	3/4	28,116	3/4	16,600	3/4	5,063	3/4		3/4		3/4		3/4		3/4	
9	50,691	9	39,153	9	27,883	9	16,360	9	4,822	9		9		9		9		9	
1/4	50,451	1/4	38,913	1/4	27,650	1/4	16,119	1/4	4,582	1/4		1/4		1/4		1/4		1/4	
1/2	50,210	1/2	38,672	1/2	27,417	1/2	15,879	1/2	4,341	1/2		1/2		1/2		1/2		1/2	
3/4	49,970	3/4	38,432	3/4	27,176	3/4	15,639	3/4	4,101	3/4		3/4		3/4		3/4		3/4	
10	49,730	10	38,192	10	26,936	10	15,398	10	3,861	10		10		10		10		10	
1/4	49,489	1/4	37,951	1/4	26,695	1/4	15,158	1/4	3,621	1/4		1/4		1/4		1/4		1/4	
1/2	49,249	1/2	37,711	1/2	26,455	1/2	14,917	1/2	3,380	1/2		1/2		1/2		1/2		1/2	
3/4	49,008	3/4	37,470	3/4	26,215	3/4	14,677	3/4	3,141	3/4		3/4		3/4		3/4		3/4	
11	48,768	11	37,230	11	25,974	11	14,437	11	2,901	11		11		11		11		11	
1/4	48,528	1/4	36,990	1/4	25,734	1/4	14,196	1/4	2,661	1/4		1/4		1/4		1/4		1/4	
1/2	48,287	1/2	36,749	1/2	25,494	1/2	13,956	1/2	2,421	1/2		1/2		1/2		1/2		1/2	
3/4	48,047	3/4	36,516	3/4	25,253	3/4	13,716	3/4	2,183	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

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



BARGE "IB 1969"

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	150,533	0	139,099	0	127,666	0	116,233	0	104,800	0	93,367	0	81,934	0	70,501
1/4	1/4	160,287	1/4	150,294	1/4	138,861	1/4	127,428	1/4	115,995	1/4	104,562	1/4	93,129	1/4	81,696	1/4	70,262	
1/2	1/2	160,277	1/2	150,056	1/2	138,623	1/2	127,190	1/2	115,757	1/2	104,324	1/2	92,891	1/2	81,457	1/2	70,024	
3/4	3/4	160,218	3/4	149,818	3/4	138,385	3/4	126,952	3/4	115,519	3/4	104,085	3/4	92,652	3/4	81,219	3/4	69,786	
1	1	160,158	1	149,580	1	138,147	1	126,714	1	115,280	1	103,847	1	92,414	1	80,981	1	69,548	
1/4	1/4	160,098	1/4	149,342	1/4	137,908	1/4	126,475	1/4	115,042	1/4	103,609	1/4	92,176	1/4	80,743	1/4	69,310	
1/2	1/2	160,039	1/2	149,103	1/2	137,670	1/2	126,237	1/2	114,804	1/2	103,371	1/2	91,938	1/2	80,505	1/2	69,072	
3/4	3/4	159,900	3/4	148,865	3/4	137,432	3/4	125,999	3/4	114,566	3/4	103,133	3/4	91,700	3/4	80,266	3/4	68,833	
2	2	159,761	2	148,627	2	137,194	2	125,761	2	114,328	2	102,895	2	91,461	2	80,028	2	68,595	
1/4	1/4	159,622	1/4	148,389	1/4	136,956	1/4	125,523	1/4	114,089	1/4	102,656	1/4	91,223	1/4	79,790	1/4	68,357	
1/2	1/2	159,483	1/2	148,151	1/2	136,717	1/2	125,284	1/2	113,851	1/2	102,418	1/2	90,985	1/2	79,552	1/2	68,119	
3/4	3/4	159,268	3/4	147,912	3/4	136,479	3/4	125,046	3/4	113,613	3/4	102,180	3/4	90,747	3/4	79,314	3/4	67,881	
3	3	159,053	3	147,674	3	136,241	3	124,808	3	113,375	3	101,942	3	90,509	3	79,076	3	67,642	
1/4	1/4	158,838	1/4	147,436	1/4	136,003	1/4	124,570	1/4	113,137	1/4	101,704	1/4	90,270	1/4	78,837	1/4	67,404	
1/2	1/2	158,623	1/2	147,198	1/2	135,765	1/2	124,332	1/2	112,898	1/2	101,465	1/2	90,032	1/2	78,599	1/2	67,166	
3/4	3/4	158,386	3/4	146,960	3/4	135,527	3/4	124,093	3/4	112,660	3/4	101,227	3/4	89,794	3/4	78,361	3/4	66,928	
4	4	158,150	4	146,721	4	135,288	4	123,855	4	112,422	4	100,989	4	89,556	4	78,123	4	66,690	
1/4	1/4	157,913	1/4	146,483	1/4	135,050	1/4	123,617	1/4	112,184	1/4	100,751	1/4	89,318	1/4	77,885	1/4	66,451	
1/2	1/2	157,676	1/2	146,245	1/2	134,812	1/2	123,379	1/2	111,946	1/2	100,513	1/2	89,079	1/2	77,646	1/2	66,213	
3/4	3/4	157,439	3/4	146,007	3/4	134,574	3/4	123,141	3/4	111,708	3/4	100,274	3/4	88,841	3/4	77,408	3/4	65,975	
5	5	157,201	5	145,769	5	134,336	5	122,902	5	111,469	5	100,036	5	88,603	5	77,170	5	65,737	
1/4	1/4	156,963	1/4	145,531	1/4	134,097	1/4	122,664	1/4	111,231	1/4	99,798	1/4	88,365	1/4	76,932	1/4	65,499	
1/2	1/2	156,725	1/2	145,292	1/2	133,859	1/2	122,426	1/2	110,993	1/2	99,560	1/2	88,127	1/2	76,694	1/2	65,260	
3/4	3/4	156,487	3/4	145,054	3/4	133,621	3/4	122,188	3/4	110,755	3/4	99,322	3/4	87,889	3/4	76,455	3/4	65,022	
6	6	156,249	6	144,816	6	133,383	6	121,950	6	110,517	6	99,083	6	87,650	6	76,217	6	64,784	
1/4	1/4	156,011	1/4	144,578	1/4	133,145	1/4	121,712	1/4	110,278	1/4	98,845	1/4	87,412	1/4	75,979	1/4	64,546	
1/2	1/2	155,773	1/2	144,340	1/2	132,906	1/2	121,473	1/2	110,040	1/2	98,607	1/2	87,174	1/2	75,741	1/2	64,308	
3/4	3/4	155,534	3/4	144,101	3/4	132,668	3/4	121,235	3/4	109,802	3/4	98,369	3/4	86,936	3/4	75,503	3/4	64,070	
7	7	155,296	7	143,863	7	132,430	7	120,997	7	109,564	7	98,131	7	86,698	7	75,264	7	63,831	
1/4	1/4	155,058	1/4	143,625	1/4	132,192	1/4	120,759	1/4	109,326	1/4	97,893	1/4	86,459	1/4	75,026	1/4	63,593	
1/2	1/2	154,820	1/2	143,387	1/2	131,954	1/2	120,521	1/2	109,087	1/2	97,654	1/2	86,221	1/2	74,788	1/2	63,355	
3/4	3/4	154,582	3/4	143,149	3/4	131,715	3/4	120,282	3/4	108,849	3/4	97,416	3/4	85,983	3/4	74,550	3/4	63,117	
8	8	154,344	8	142,910	8	131,477	8	120,044	8	108,611	8	97,178	8	85,745	8	74,312	8	62,879	
1/4	1/4	154,105	1/4	142,672	1/4	131,239	1/4	119,806	1/4	108,373	1/4	96,940	1/4	85,507	1/4	74,074	1/4	62,640	
1/2	1/2	153,867	1/2	142,434	1/2	131,001	1/2	119,568	1/2	108,135	1/2	96,702	1/2	85,268	1/2	73,835	1/2	62,402	
3/4	3/4	153,629	3/4	142,196	3/4	130,763	3/4	119,330	3/4	107,896	3/4	96,463	3/4	85,030	3/4	73,597	3/4	62,164	
9	9	153,391	9	141,958	9	130,525	9	119,091	9	107,658	9	96,225	9	84,792	9	73,359	9	61,926	
1/4	1/4	153,153	1/4	141,719	1/4	130,286	1/4	118,853	1/4	107,420	1/4	95,987	1/4	84,554	1/4	73,121	1/4	61,688	
1/2	1/2	152,914	1/2	141,481	1/2	130,048	1/2	118,615	1/2	107,182	1/2	95,749	1/2	84,316	1/2	72,883	1/2	61,449	
3/4	3/4	152,676	3/4	141,243	3/4	129,810	3/4	118,377	3/4	106,944	3/4	95,511	3/4	84,077	3/4	72,644	3/4	61,211	
10	10	152,438	10	141,005	10	129,572	10	118,139	10	106,706	10	95,272	10	83,839	10	72,406	10	60,973	
1/4	1/4	152,200	1/4	140,767	1/4	129,334	1/4	117,900	1/4	106,467	1/4	95,034	1/4	83,601	1/4	72,168	1/4	60,735	
1/2	1/2	151,962	1/2	140,529	1/2	129,095	1/2	117,662	1/2	106,229	1/2	94,796	1/2	83,363	1/2	71,930	1/2	60,497	
3/4	3/4	151,723	3/4	140,290	3/4	128,857	3/4	117,424	3/4	105,991	3/4	94,558	3/4	83,125	3/4	71,692	3/4	60,258	
11	11	151,485	11	140,052	11	128,619	11	117,186	11	105,753	11	94,320	11	82,887	11	71,453	11	60,020	
1/4	1/4	151,247	1/4	139,814	1/4	128,381	1/4	116,948	1/4	105,515	1/4	94,081	1/4	82,648	1/4	71,215	1/4	59,782	
1/2	1/2	151,009	1/2	139,576	1/2	128,143	1/2	116,710	1/2	105,276	1/2	93,843	1/2	82,410	1/2	70,977	1/2	59,544	
3/4	3/4	150,771	3/4	139,338	3/4	127,904	3/4	116,471	3/4	105,038	3/4	93,605	3/4	82,172	3/4	70,739	3/4	59,306	

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
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BARGE "IB 1969"

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	59,068	0	47,634	0	36,202	0	24,786	0	13,353	0	1,928	0		0		0		0	
1/4	58,829	1/4	47,396	1/4	35,964	1/4	24,548	1/4	13,115	1/4	1,691	1/4		1/4		1/4		1/4	
1/2	58,591	1/2	47,158	1/2	35,726	1/2	24,310	1/2	12,877	1/2	1,455	1/2		1/2		1/2		1/2	
3/4	58,353	3/4	46,920	3/4	35,489	3/4	24,071	3/4	12,639	3/4	1,257	3/4		3/4		3/4		3/4	
1	58,115	1	46,682	1	35,251	1	23,833	1	12,401	1	1,059	1		1		1		1	
1/4	57,877	1/4	46,443	1/4	35,013	1/4	23,595	1/4	12,162	1/4	860	1/4		1/4		1/4		1/4	
1/2	57,638	1/2	46,205	1/2	34,775	1/2	23,357	1/2	11,924	1/2	662	1/2		1/2		1/2		1/2	
3/4	57,400	3/4	45,967	3/4	34,538	3/4	23,119	3/4	11,686	3/4	543	3/4		3/4		3/4		3/4	
2	57,162	2	45,729	2	34,300	2	22,881	2	11,448	2	424	2		2		2		2	
1/4	56,924	1/4	45,491	1/4	34,062	1/4	22,642	1/4	11,210	1/4	305	1/4		1/4		1/4		1/4	
1/2	56,686	1/2	45,253	1/2	33,824	1/2	22,404	1/2	10,971	1/2	185	1/2		1/2		1/2		1/2	
3/4	56,447	3/4	45,014	3/4	33,587	3/4	22,166	3/4	10,733	3/4	146	3/4		3/4		3/4		3/4	
3	56,209	3	44,776	3	33,349	3	21,928	3	10,495	3	106	3		3		3		3	
1/4	55,971	1/4	44,538	1/4	33,111	1/4	21,690	1/4	10,257	1/4	66	1/4		1/4		1/4		1/4	
1/2	55,733	1/2	44,300	1/2	32,873	1/2	21,451	1/2	10,019	1/2	26	1/2		1/2		1/2		1/2	
3/4	55,495	3/4	44,062	3/4	32,636	3/4	21,213	3/4	9,781	3/4		3/4		3/4		3/4		3/4	
4	55,257	4	43,823	4	32,398	4	20,975	4	9,542	4		4		4		4		4	
1/4	55,018	1/4	43,585	1/4	32,160	1/4	20,737	1/4	9,304	1/4		1/4		1/4		1/4		1/4	
1/2	54,780	1/2	43,347	1/2	31,922	1/2	20,499	1/2	9,066	1/2		1/2		1/2		1/2		1/2	
3/4	54,542	3/4	43,109	3/4	31,685	3/4	20,261	3/4	8,828	3/4		3/4		3/4		3/4		3/4	
5	54,304	5	42,871	5	31,447	5	20,022	5	8,590	5		5		5		5		5	
1/4	54,066	1/4	42,632	1/4	31,209	1/4	19,784	1/4	8,351	1/4		1/4		1/4		1/4		1/4	
1/2	53,827	1/2	42,394	1/2	30,972	1/2	19,546	1/2	8,113	1/2		1/2		1/2		1/2		1/2	
3/4	53,589	3/4	42,156	3/4	30,734	3/4	19,308	3/4	7,875	3/4		3/4		3/4		3/4		3/4	
6	53,351	6	41,918	6	30,496	6	19,070	6	7,637	6		6		6		6		6	
1/4	53,113	1/4	41,680	1/4	30,258	1/4	18,831	1/4	7,399	1/4		1/4		1/4		1/4		1/4	
1/2	52,875	1/2	41,441	1/2	30,021	1/2	18,593	1/2	7,161	1/2		1/2		1/2		1/2		1/2	
3/4	52,636	3/4	41,203	3/4	29,783	3/4	18,355	3/4	6,922	3/4		3/4		3/4		3/4		3/4	
7	52,398	7	40,965	7	29,545	7	18,117	7	6,684	7		7		7		7		7	
1/4	52,160	1/4	40,727	1/4	29,307	1/4	17,879	1/4	6,446	1/4		1/4		1/4		1/4		1/4	
1/2	51,922	1/2	40,489	1/2	29,070	1/2	17,641	1/2	6,208	1/2		1/2		1/2		1/2		1/2	
3/4	51,684	3/4	40,251	3/4	28,832	3/4	17,402	3/4	5,970	3/4		3/4		3/4		3/4		3/4	
8	51,445	8	40,012	8	28,594	8	17,164	8	5,732	8		8		8		8		8	
1/4	51,207	1/4	39,774	1/4	28,356	1/4	16,926	1/4	5,493	1/4		1/4		1/4		1/4		1/4	
1/2	50,969	1/2	39,536	1/2	28,119	1/2	16,688	1/2	5,255	1/2		1/2		1/2		1/2		1/2	
3/4	50,731	3/4	39,298	3/4	27,881	3/4	16,450	3/4	5,017	3/4		3/4		3/4		3/4		3/4	
9	50,493	9	39,060	9	27,643	9	16,211	9	4,779	9		9		9		9		9	
1/4	50,255	1/4	38,821	1/4	27,406	1/4	15,973	1/4	4,541	1/4		1/4		1/4		1/4		1/4	
1/2	50,016	1/2	38,583	1/2	27,168	1/2	15,735	1/2	4,303	1/2		1/2		1/2		1/2		1/2	
3/4	49,778	3/4	38,345	3/4	26,930	3/4	15,497	3/4	4,064	3/4		3/4		3/4		3/4		3/4	
10	49,540	10	38,107	10	26,691	10	15,259	10	3,826	10		10		10		10		10	
1/4	49,302	1/4	37,869	1/4	26,453	1/4	15,021	1/4	3,588	1/4		1/4		1/4		1/4		1/4	
1/2	49,064	1/2	37,630	1/2	26,215	1/2	14,782	1/2	3,350	1/2		1/2		1/2		1/2		1/2	
3/4	48,825	3/4	37,392	3/4	25,977	3/4	14,544	3/4	3,113	3/4		3/4		3/4		3/4		3/4	
11	48,587	11	37,154	11	25,739	11	14,306	11	2,875	11		11		11		11		11	
1/4	48,349	1/4	36,916	1/4	25,501	1/4	14,068	1/4	2,637	1/4		1/4		1/4		1/4		1/4	
1/2	48,111	1/2	36,678	1/2	25,262	1/2	13,830	1/2	2,400	1/2		1/2		1/2		1/2		1/2	
3/4	47,873	3/4	36,440	3/4	25,024	3/4	13,591	3/4	2,164	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2016 CL
CALCULATED: 03/17/2016 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

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