

BARGE "IB 1987"

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

November 21, 2017

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

<http://www.pmacorp.net>



BARGE "IB 1987"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
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	152,733	0	146,037	0	138,269	0	130,501	0	121,051	0	109,051	0	97,059	0	85,068	0	73,076
1/4	1/4	1/4	152,773	1/4	145,875	1/4	138,107	1/4	130,339	1/4	120,889	1/4	108,801	1/4	96,809	1/4	84,818	1/4	72,826
1/2	1/2	1/2	152,660	1/2	145,713	1/2	137,945	1/2	130,177	1/2	120,560	1/2	108,560	1/2	96,559	1/2	84,568	1/2	72,576
3/4	3/4	3/4	152,598	3/4	145,551	3/4	137,783	3/4	130,015	3/4	120,300	3/4	108,300	3/4	96,309	3/4	84,318	3/4	72,326
1	1	1	152,535	1	145,389	1	137,621	1	129,853	1	120,050	1	108,051	1	96,050	1	84,068	1	72,076
1/4	1/4	1/4	152,472	1/4	145,227	1/4	137,459	1/4	129,691	1/4	119,739	1/4	107,802	1/4	95,810	1/4	83,818	1/4	71,826
1/2	1/2	1/2	152,415	1/2	145,066	1/2	137,298	1/2	129,530	1/2	119,549	1/2	107,552	1/2	95,560	1/2	83,569	1/2	71,577
3/4	3/4	3/4	152,352	3/4	144,904	3/4	137,136	3/4	129,368	3/4	119,299	3/4	107,300	3/4	95,310	3/4	83,319	3/4	71,327
2	2	2	152,300	2	144,742	2	136,974	2	129,206	2	119,048	2	107,052	2	95,060	2	83,069	2	71,077
1/4	1/4	1/4	152,242	1/4	144,580	1/4	136,812	1/4	129,044	1/4	118,798	1/4	106,802	1/4	94,811	1/4	82,819	1/4	70,827
1/2	1/2	1/2	152,105	1/2	144,418	1/2	136,650	1/2	128,882	1/2	118,548	1/2	106,552	1/2	94,561	1/2	82,559	1/2	70,577
3/4	3/4	3/4	151,967	3/4	144,256	3/4	136,488	3/4	128,720	3/4	118,297	3/4	106,303	3/4	94,311	3/4	82,319	3/4	70,327
3	3	3	151,830	3	144,095	3	136,327	3	128,559	3	118,047	3	106,053	3	94,061	3	82,070	3	70,078
1/4	1/4	1/4	151,692	1/4	143,933	1/4	136,165	1/4	128,397	1/4	117,797	1/4	105,803	1/4	93,811	1/4	81,820	1/4	69,828
1/2	1/2	1/2	151,552	1/2	143,771	1/2	136,003	1/2	128,235	1/2	117,546	1/2	105,553	1/2	93,562	1/2	81,570	1/2	69,578
3/4	3/4	3/4	151,372	3/4	143,609	3/4	135,841	3/4	128,073	3/4	117,296	3/4	105,303	3/4	93,312	3/4	81,320	3/4	69,328
4	4	4	151,212	4	143,447	4	135,679	4	127,911	4	117,046	4	105,053	4	93,062	4	81,070	4	69,078
1/4	1/4	1/4	151,052	1/4	143,285	1/4	135,517	1/4	127,749	1/4	116,795	1/4	104,804	1/4	92,812	1/4	80,820	1/4	68,829
1/2	1/2	1/2	150,890	1/2	143,124	1/2	135,356	1/2	127,588	1/2	116,546	1/2	104,554	1/2	92,562	1/2	80,571	1/2	68,579
3/4	3/4	3/4	150,729	3/4	142,962	3/4	135,194	3/4	127,426	3/4	116,296	3/4	104,304	3/4	92,313	3/4	80,321	3/4	68,329
5	5	5	150,567	5	142,800	5	135,032	5	127,264	5	116,046	5	104,054	5	92,063	5	80,071	5	68,079
1/4	1/4	1/4	150,406	1/4	142,638	1/4	134,870	1/4	127,102	1/4	115,796	1/4	103,804	1/4	91,813	1/4	79,821	1/4	67,829
1/2	1/2	1/2	150,244	1/2	142,476	1/2	134,708	1/2	126,940	1/2	115,546	1/2	103,546	1/2	91,563	1/2	79,573	1/2	67,580
3/4	3/4	3/4	150,082	3/4	142,314	3/4	134,546	3/4	126,778	3/4	115,296	3/4	103,305	3/4	91,313	3/4	79,321	3/4	67,331
6	6	6	149,921	6	142,153	6	134,385	6	126,617	6	115,047	6	103,055	6	91,064	6	79,072	6	67,081
1/4	1/4	1/4	149,759	1/4	141,991	1/4	134,223	1/4	126,455	1/4	114,797	1/4	102,804	1/4	90,814	1/4	78,822	1/4	66,832
1/2	1/2	1/2	149,597	1/2	141,829	1/2	134,061	1/2	126,293	1/2	114,547	1/2	102,555	1/2	90,564	1/2	78,574	1/2	66,583
3/4	3/4	3/4	149,435	3/4	141,667	3/4	133,899	3/4	126,131	3/4	114,297	3/4	102,305	3/4	90,314	3/4	78,324	3/4	66,334
7	7	7	149,273	7	141,505	7	133,737	7	125,969	7	114,047	7	102,055	7	90,064	7	78,072	7	66,085
1/4	1/4	1/4	149,111	1/4	141,343	1/4	133,575	1/4	125,807	1/4	113,797	1/4	101,806	1/4	89,814	1/4	77,822	1/4	65,835
1/2	1/2	1/2	148,950	1/2	141,182	1/2	133,414	1/2	125,648	1/2	113,548	1/2	101,556	1/2	89,565	1/2	77,573	1/2	65,586
3/4	3/4	3/4	148,788	3/4	141,020	3/4	133,252	3/4	125,487	3/4	113,298	3/4	101,306	3/4	89,315	3/4	77,323	3/4	65,337
8	8	8	148,626	8	140,858	8	133,090	8	125,329	8	113,048	8	101,056	8	89,065	8	77,073	8	65,088
1/4	1/4	1/4	148,464	1/4	140,696	1/4	132,928	1/4	125,171	1/4	112,798	1/4	100,806	1/4	88,815	1/4	76,823	1/4	64,838
1/2	1/2	1/2	148,302	1/2	140,534	1/2	132,766	1/2	125,013	1/2	112,548	1/2	100,556	1/2	88,565	1/2	76,573	1/2	64,589
3/4	3/4	3/4	148,140	3/4	140,372	3/4	132,604	3/4	124,856	3/4	112,298	3/4	100,307	3/4	88,315	3/4	76,323	3/4	64,340
9	9	9	147,979	9	140,211	9	132,443	9	124,697	9	112,049	9	100,057	9	88,066	9	76,074	9	64,091
1/4	1/4	1/4	147,817	1/4	140,049	1/4	132,281	1/4	124,539	1/4	111,799	1/4	99,807	1/4	87,816	1/4	75,824	1/4	63,841
1/2	1/2	1/2	147,655	1/2	139,887	1/2	132,119	1/2	124,381	1/2	111,549	1/2	99,557	1/2	87,566	1/2	75,574	1/2	63,592
3/4	3/4	3/4	147,493	3/4	139,725	3/4	131,957	3/4	124,223	3/4	111,299	3/4	99,307	3/4	87,316	3/4	75,324	3/4	63,343
10	10	10	147,331	10	139,563	10	131,795	10	124,065	10	111,049	10	99,057	10	87,066	10	75,074	10	63,094
1/4	1/4	1/4	147,169	1/4	139,401	1/4	131,633	1/4	123,903	1/4	110,799	1/4	98,808	1/4	86,816	1/4	74,824	1/4	62,845
1/2	1/2	1/2	147,008	1/2	139,240	1/2	131,472	1/2	123,745	1/2	110,550	1/2	98,558	1/2	86,567	1/2	74,575	1/2	62,596
3/4	3/4	3/4	146,846	3/4	139,078	3/4	131,310	3/4	123,587	3/4	110,300	3/4	98,308	3/4	86,317	3/4	74,325	3/4	62,346
11	11	11	146,684	11	138,916	11	131,148	11	123,430	11	110,050	11	98,058	11	86,067	11	74,075	11	62,097
1/4	1/4	1/4	146,522	1/4	138,754	1/4	130,986	1/4	123,272	1/4	109,800	1/4	97,808	1/4	85,817	1/4	73,825	1/4	61,848
1/2	1/2	1/2	146,360	1/2	138,592	1/2	130,824	1/2	123,114	1/2	109,550	1/2	97,559	1/2	85,567	1/2	73,575	1/2	61,599
3/4	3/4	3/4	146,198	3/4	138,430	3/4	130,652	3/4	122,957	3/4	109,300	3/4	97,309	3/4	85,317	3/4	73,325	3/4	61,349

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MEMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITIES GIVEN IN WHOLE GALLONS
CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-05" FORWARD OF AFT BULKHEAD

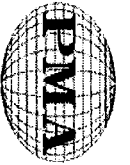
PRECISION MEASUREMENT

& ANALYSIS, INC.

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BARGE "IB 1987"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

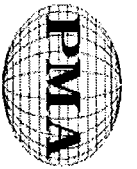
GAUGE HEIGHT 15'-03 1/4"

IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.				
0	61,100	0	49,120	0	37,154	0	25,408	0	13,416	0	1,455	0	0	0
1/4	60,851	1/4	48,871	1/4	36,911	1/4	25,158	1/4	13,166	1/4	1,218	1/4	1/4	1/4
1/2	60,601	1/2	48,621	1/2	36,668	1/2	24,908	1/2	12,916	1/2	1,053	1/2	1/2	1/2
3/4	60,352	3/4	48,371	3/4	36,424	3/4	24,659	3/4	12,666	3/4	889	3/4	3/4	3/4
1	60,103	1	48,121	1	36,181	1	24,409	1	12,416	1	725	1	1	1
1/4	59,854	1/4	47,872	1/4	35,938	1/4	24,159	1/4	12,167	1/4	561	1/4	1/4	1/4
1/2	59,604	1/2	47,622	1/2	35,692	1/2	23,909	1/2	11,917	1/2	469	1/2	1/2	1/2
3/4	59,355	3/4	47,372	3/4	35,442	3/4	23,659	3/4	11,667	3/4	377	3/4	3/4	3/4
2	59,106	2	47,123	2	35,208	2	23,409	2	11,417	2	285	2	2	2
1/4	58,857	1/4	46,873	1/4	34,965	1/4	23,160	1/4	11,167	1/4	193	1/4	1/4	1/4
1/2	58,608	1/2	46,623	1/2	34,722	1/2	22,910	1/2	10,917	1/2	152	1/2	1/2	1/2
3/4	58,358	3/4	46,373	3/4	34,479	3/4	22,660	3/4	10,667	3/4	110	3/4	3/4	3/4
3	58,109	3	46,124	3	34,236	3	22,410	3	10,418	3	68	3	3	3
1/4	57,860	1/4	45,874	1/4	33,993	1/4	22,160	1/4	10,168	1/4	26	1/4	1/4	1/4
1/2	57,610	1/2	45,624	1/2	33,749	1/2	21,910	1/2	9,918	1/2	26	1/2	1/2	1/2
3/4	57,360	3/4	45,375	3/4	33,506	3/4	21,661	3/4	9,668	3/4	26	3/4	3/4	3/4
4	57,111	4	45,125	4	33,263	4	21,411	4	9,418	4	4	4	4	4
1/4	56,861	1/4	44,875	1/4	33,020	1/4	21,161	1/4	9,168	1/4	4	1/4	1/4	1/4
1/2	56,611	1/2	44,626	1/2	32,777	1/2	20,911	1/2	8,918	1/2	4	1/2	1/2	1/2
3/4	56,362	3/4	44,376	3/4	32,534	3/4	20,661	3/4	8,668	3/4	4	3/4	3/4	3/4
5	56,112	5	44,126	5	32,290	5	20,411	5	8,418	5	4	5	5	5
1/4	55,862	1/4	43,876	1/4	32,047	1/4	20,161	1/4	8,168	1/4	4	1/4	1/4	1/4
1/2	55,613	1/2	43,627	1/2	31,804	1/2	19,912	1/2	7,918	1/2	4	1/2	1/2	1/2
3/4	55,363	3/4	43,377	3/4	31,561	3/4	19,662	3/4	7,668	3/4	4	3/4	3/4	3/4
6	55,113	6	43,127	6	31,318	6	19,412	6	7,418	6	4	6	6	6
1/4	54,863	1/4	42,878	1/4	31,074	1/4	19,162	1/4	7,167	1/4	4	1/4	1/4	1/4
1/2	54,614	1/2	42,628	1/2	30,831	1/2	18,912	1/2	6,917	1/2	4	1/2	1/2	1/2
3/4	54,364	3/4	42,378	3/4	30,588	3/4	18,662	3/4	6,668	3/4	4	3/4	3/4	3/4
7	54,114	7	42,129	7	30,345	7	18,413	7	6,418	7	4	7	7	7
1/4	53,865	1/4	41,879	1/4	30,102	1/4	18,163	1/4	6,168	1/4	4	1/4	1/4	1/4
1/2	53,615	1/2	41,629	1/2	29,859	1/2	17,913	1/2	5,918	1/2	4	1/2	1/2	1/2
3/4	53,365	3/4	41,379	3/4	29,615	3/4	17,663	3/4	5,667	3/4	4	3/4	3/4	3/4
8	53,115	8	41,130	8	29,372	8	17,413	8	5,417	8	4	8	8	8
1/4	52,866	1/4	40,880	1/4	29,129	1/4	17,163	1/4	5,167	1/4	4	1/4	1/4	1/4
1/2	52,616	1/2	40,630	1/2	28,886	1/2	16,914	1/2	4,917	1/2	4	1/2	1/2	1/2
3/4	52,366	3/4	40,381	3/4	28,643	3/4	16,664	3/4	4,666	3/4	4	3/4	3/4	3/4
9	52,117	9	40,131	9	28,400	9	16,414	9	4,416	9	4	9	9	9
1/4	51,867	1/4	39,881	1/4	28,156	1/4	16,164	1/4	4,166	1/4	4	1/4	1/4	1/4
1/2	51,617	1/2	39,631	1/2	27,907	1/2	15,914	1/2	3,916	1/2	4	1/2	1/2	1/2
3/4	51,368	3/4	39,382	3/4	27,657	3/4	15,664	3/4	3,665	3/4	4	3/4	3/4	3/4
10	51,118	10	39,132	10	27,407	10	15,414	10	3,415	10	4	10	10	10
1/4	50,868	1/4	38,882	1/4	27,157	1/4	15,165	1/4	3,165	1/4	4	1/4	1/4	1/4
1/2	50,618	1/2	38,633	1/2	26,907	1/2	14,915	1/2	2,915	1/2	4	1/2	1/2	1/2
3/4	50,369	3/4	38,383	3/4	26,657	3/4	14,665	3/4	2,665	3/4	4	3/4	3/4	3/4
11	50,119	11	38,133	11	26,408	11	14,415	11	2,416	11	4	11	11	11
1/4	49,869	1/4	37,884	1/4	26,158	1/4	14,165	1/4	2,166	1/4	4	1/4	1/4	1/4
1/2	49,620	1/2	37,640	1/2	25,908	1/2	13,915	1/2	1,929	1/2	4	1/2	1/2	1/2
3/4	49,370	3/4	37,397	3/4	25,658	3/4	13,666	3/4	1,692	3/4	4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2017 SW
 CALCULATED: 11/21/2017 CL
 PRINTED: 11/21/2017 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 11/2017

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "IB 1987"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	161,349	0	150,859	0	139,326	0	127,794	0	116,261	0	104,728	0	93,195	0	81,662	0	70,130	0
1/4	1/4	161,289	1/4	150,619	1/4	139,086	1/4	127,513	1/4	116,020	1/4	104,488	1/4	92,955	1/4	81,422	1/4	69,889	1/4
1/2	1/2	161,229	1/2	150,379	1/2	138,846	1/2	127,353	1/2	115,780	1/2	104,247	1/2	92,715	1/2	81,182	1/2	69,649	1/2
3/4	3/4	161,169	3/4	150,138	3/4	138,606	3/4	127,073	3/4	115,540	3/4	104,007	3/4	92,474	3/4	80,942	3/4	69,409	3/4
1	1	161,029	1	149,898	1	138,365	1	126,832	1	115,300	1	103,767	1	92,234	1	80,701	1	69,168	1
1/4	1/4	160,889	1/4	149,658	1/4	138,125	1/4	126,592	1/4	115,059	1/4	103,527	1/4	91,994	1/4	80,451	1/4	68,928	1/4
1/2	1/2	160,749	1/2	149,418	1/2	137,885	1/2	126,352	1/2	114,819	1/2	103,286	1/2	91,754	1/2	80,221	1/2	68,688	1/2
3/4	3/4	160,609	3/4	149,177	3/4	137,644	3/4	126,112	3/4	114,579	3/4	103,046	3/4	91,513	3/4	79,980	3/4	68,448	3/4
1	1	160,475	1	148,937	1	137,404	1	125,871	1	114,339	1	102,806	1	91,283	1	79,740	1	68,207	1
1/4	1/4	160,332	1/4	148,697	1/4	137,164	1/4	125,631	1/4	114,098	1/4	102,566	1/4	91,033	1/4	79,500	1/4	67,967	1/4
1/2	1/2	160,175	1/2	148,456	1/2	136,924	1/2	125,392	1/2	113,858	1/2	102,325	1/2	90,792	1/2	79,260	1/2	67,727	1/2
3/4	3/4	159,741	3/4	148,216	3/4	136,683	3/4	125,151	3/4	113,618	3/4	102,085	3/4	90,552	3/4	79,019	3/4	67,487	3/4
1	1	159,502	1	147,976	1	136,443	1	124,910	1	113,378	1	101,845	1	90,312	1	78,779	1	67,246	1
1/4	1/4	159,264	1/4	147,736	1/4	136,203	1/4	124,670	1/4	113,137	1/4	101,604	1/4	90,072	1/4	78,539	1/4	67,006	1/4
1/2	1/2	159,025	1/2	147,495	1/2	135,963	1/2	124,430	1/2	112,897	1/2	101,364	1/2	89,831	1/2	78,299	1/2	66,766	1/2
3/4	3/4	158,786	3/4	147,255	3/4	135,722	3/4	124,190	3/4	112,657	3/4	101,124	3/4	89,591	3/4	78,058	3/4	66,526	3/4
1	1	158,546	1	147,015	1	135,482	1	123,949	1	112,416	1	100,884	1	89,351	1	77,818	1	66,285	1
1/4	1/4	158,306	1/4	146,775	1/4	135,242	1/4	123,709	1/4	112,176	1/4	100,643	1/4	89,111	1/4	77,578	1/4	66,045	1/4
1/2	1/2	158,067	1/2	146,534	1/2	135,002	1/2	123,469	1/2	111,936	1/2	100,403	1/2	88,870	1/2	77,338	1/2	65,805	1/2
3/4	3/4	157,827	3/4	146,294	3/4	134,761	3/4	123,228	3/4	111,696	3/4	100,163	3/4	88,630	3/4	77,097	3/4	65,564	3/4
1	1	157,587	1	146,054	1	134,521	1	122,988	1	111,455	1	99,922	1	88,390	1	76,857	1	65,324	1
1/4	1/4	157,346	1/4	145,814	1/4	134,281	1/4	122,748	1/4	111,215	1/4	99,682	1/4	88,150	1/4	76,617	1/4	65,084	1/4
1/2	1/2	157,106	1/2	145,573	1/2	134,040	1/2	122,508	1/2	110,975	1/2	99,442	1/2	87,909	1/2	76,376	1/2	64,844	1/2
3/4	3/4	156,866	3/4	145,333	3/4	133,800	3/4	122,267	3/4	110,735	3/4	99,202	3/4	87,669	3/4	76,136	3/4	64,603	3/4
1	1	156,626	1	145,093	1	133,560	1	122,027	1	110,494	1	98,962	1	87,429	1	75,896	1	64,363	1
1/4	1/4	156,385	1/4	144,852	1/4	133,320	1/4	121,787	1/4	110,254	1/4	98,721	1/4	87,188	1/4	75,656	1/4	64,123	1/4
1/2	1/2	156,145	1/2	144,612	1/2	133,079	1/2	121,547	1/2	110,014	1/2	98,481	1/2	86,948	1/2	75,415	1/2	63,883	1/2
3/4	3/4	155,905	3/4	144,372	3/4	132,839	3/4	121,306	3/4	109,774	3/4	98,241	3/4	86,708	3/4	75,175	3/4	63,642	3/4
1	1	155,664	1	144,132	1	132,599	1	121,066	1	109,533	1	98,000	1	86,468	1	74,935	1	63,402	1
1/4	1/4	155,424	1/4	143,891	1/4	132,359	1/4	120,826	1/4	109,293	1/4	97,760	1/4	86,227	1/4	74,695	1/4	63,162	1/4
1/2	1/2	155,184	1/2	143,651	1/2	132,118	1/2	120,586	1/2	109,053	1/2	97,520	1/2	85,987	1/2	74,454	1/2	62,922	1/2
3/4	3/4	154,944	3/4	143,411	3/4	131,878	3/4	120,345	3/4	108,812	3/4	97,280	3/4	85,747	3/4	74,214	3/4	62,681	3/4
1	1	154,703	1	143,171	1	131,638	1	120,105	1	108,572	1	97,039	1	85,507	1	73,974	1	62,441	1
1/4	1/4	154,463	1/4	142,930	1/4	131,398	1/4	119,865	1/4	108,332	1/4	96,799	1/4	85,266	1/4	73,734	1/4	62,201	1/4
1/2	1/2	154,223	1/2	142,690	1/2	131,157	1/2	119,624	1/2	108,092	1/2	96,559	1/2	85,026	1/2	73,493	1/2	61,960	1/2
3/4	3/4	153,983	3/4	142,450	3/4	130,917	3/4	119,384	3/4	107,851	3/4	96,319	3/4	84,786	3/4	73,253	3/4	61,720	3/4
1	1	153,742	1	142,210	1	130,677	1	119,144	1	107,611	1	96,078	1	84,546	1	73,013	1	61,480	1
1/4	1/4	153,502	1/4	141,969	1/4	130,436	1/4	118,904	1/4	107,371	1/4	95,838	1/4	84,305	1/4	72,772	1/4	61,240	1/4
1/2	1/2	153,262	1/2	141,729	1/2	130,196	1/2	118,663	1/2	107,131	1/2	95,598	1/2	84,065	1/2	72,532	1/2	61,000	1/2
3/4	3/4	153,022	3/4	141,489	3/4	129,956	3/4	118,423	3/4	106,890	3/4	95,358	3/4	83,825	3/4	72,292	3/4	60,759	3/4
1	1	152,781	1	141,248	1	129,716	1	118,183	1	106,650	1	95,117	1	83,584	1	72,052	1	60,519	1
1/4	1/4	152,541	1/4	141,008	1/4	129,475	1/4	117,943	1/4	106,410	1/4	94,877	1/4	83,344	1/4	71,812	1/4	60,279	1/4
1/2	1/2	152,301	1/2	140,768	1/2	129,235	1/2	117,702	1/2	106,170	1/2	94,637	1/2	83,104	1/2	71,571	1/2	60,038	1/2
3/4	3/4	152,060	3/4	140,528	3/4	128,995	3/4	117,462	3/4	105,929	3/4	94,396	3/4	82,864	3/4	71,331	3/4	59,798	3/4
1	1	151,820	1	140,287	1	128,755	1	117,222	1	105,689	1	94,156	1	82,623	1	71,091	1	59,558	1
1/4	1/4	151,580	1/4	140,047	1/4	128,514	1/4	116,982	1/4	105,449	1/4	93,916	1/4	82,383	1/4	70,850	1/4	59,318	1/4
1/2	1/2	151,340	1/2	139,807	1/2	128,274	1/2	116,741	1/2	105,208	1/2	93,676	1/2	82,143	1/2	70,610	1/2	59,077	1/2
3/4	3/4	151,099	3/4	139,567	3/4	128,034	3/4	116,501	3/4	104,968	3/4	93,435	3/4	81,903	3/4	70,370	3/4	58,837	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

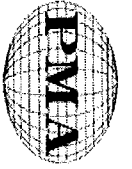
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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PRECISION MEASUREMENT
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BARGE "IB 1987"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

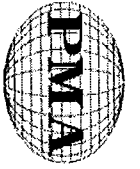
IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	58,597	0	47,064	0	35,566	0	24,281	0	12,748	0
1/4	58,356	1/4	46,824	1/4	35,333	1/4	24,040	1/4	12,508	1/4
1/2	58,116	1/2	46,583	1/2	35,100	1/2	23,800	1/2	12,268	1/2
3/4	57,876	3/4	46,343	3/4	34,866	3/4	23,560	3/4	12,028	3/4
1	57,636	1	46,103	1	34,633	1	23,320	1	11,787	1
1 1/4	57,395	1 1/4	45,863	1 1/4	34,400	1 1/4	23,079	1 1/4	11,547	1 1/4
1 1/2	57,155	1 1/2	45,622	1 1/2	34,167	1 1/2	22,839	1 1/2	11,307	1 1/2
1 3/4	56,915	1 3/4	45,382	1 3/4	33,934	1 3/4	22,599	1 3/4	11,066	1 3/4
2	56,675	2	45,142	2	33,700	2	22,359	2	10,826	2
1/4	56,434	1/4	44,902	1/4	33,467	1/4	22,118	1/4	10,586	1/4
1/2	56,194	1/2	44,661	1/2	33,234	1/2	21,878	1/2	10,346	1/2
3/4	55,954	3/4	44,421	3/4	33,001	3/4	21,638	3/4	10,105	3/4
1	55,714	1	44,181	1	32,768	1	21,398	1	9,865	1
1 1/4	55,473	1 1/4	43,940	1 1/4	32,534	1 1/4	21,157	1 1/4	9,625	1 1/4
1 1/2	55,233	1 1/2	43,700	1 1/2	32,301	1 1/2	20,917	1 1/2	9,385	1 1/2
1 3/4	54,993	1 3/4	43,460	1 3/4	32,068	1 3/4	20,677	1 3/4	9,144	1 3/4
4	54,752	4	43,220	4	31,835	4	20,437	4	8,904	4
1/4	54,512	1/4	42,979	1/4	31,602	1/4	20,196	1/4	8,664	1/4
1/2	54,272	1/2	42,739	1/2	31,368	1/2	19,956	1/2	8,424	1/2
3/4	54,032	3/4	42,499	3/4	31,135	3/4	19,716	3/4	8,183	3/4
5	53,791	5	42,259	5	30,902	5	19,475	5	7,943	5
1/4	53,551	1/4	42,018	1/4	30,669	1/4	19,235	1/4	7,703	1/4
1/2	53,311	1/2	41,778	1/2	30,436	1/2	18,995	1/2	7,463	1/2
3/4	53,071	3/4	41,538	3/4	30,202	3/4	18,755	3/4	7,222	3/4
6	52,830	6	41,298	6	29,969	6	18,514	6	6,982	6
1/4	52,590	1/4	41,057	1/4	29,736	1/4	18,274	1/4	6,742	1/4
1/2	52,350	1/2	40,817	1/2	29,503	1/2	18,034	1/2	6,502	1/2
3/4	52,110	3/4	40,577	3/4	29,270	3/4	17,794	3/4	6,261	3/4
7	51,869	7	40,336	7	29,036	7	17,553	7	6,021	7
1/4	51,629	1/4	40,096	1/4	28,803	1/4	17,313	1/4	5,781	1/4
1/2	51,389	1/2	39,856	1/2	28,570	1/2	17,073	1/2	5,541	1/2
3/4	51,148	3/4	39,616	3/4	28,337	3/4	16,833	3/4	5,300	3/4
8	50,908	8	39,375	8	28,104	8	16,592	8	5,060	8
1/4	50,668	1/4	39,135	1/4	27,870	1/4	16,352	1/4	4,820	1/4
1/2	50,428	1/2	38,895	1/2	27,637	1/2	16,112	1/2	4,580	1/2
3/4	50,187	3/4	38,655	3/4	27,404	3/4	15,872	3/4	4,339	3/4
9	49,947	9	38,414	9	27,164	9	15,631	9	4,099	9
1/4	49,707	1/4	38,174	1/4	26,923	1/4	15,391	1/4	3,859	1/4
1/2	49,467	1/2	37,934	1/2	26,683	1/2	15,151	1/2	3,619	1/2
3/4	49,226	3/4	37,694	3/4	26,443	3/4	14,911	3/4	3,379	3/4
10	48,986	10	37,453	10	26,203	10	14,670	10	3,139	10
1/4	48,746	1/4	37,213	1/4	25,962	1/4	14,430	1/4	2,899	1/4
1/2	48,506	1/2	36,973	1/2	25,722	1/2	14,190	1/2	2,660	1/2
3/4	48,265	3/4	36,732	3/4	25,482	3/4	13,950	3/4	2,420	3/4
11	48,025	11	36,499	11	25,242	11	13,709	11	2,182	11
1/4	47,785	1/4	36,266	1/4	25,001	1/4	13,469	1/4	1,944	1/4
1/2	47,544	1/2	36,033	1/2	24,761	1/2	13,229	1/2	1,706	1/2
3/4	47,304	3/4	35,799	3/4	24,521	3/4	12,989	3/4	1,467	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2017 SW
 CALCULATED: 11/21/2017 CL
 PRINTED: 11/21/2017 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 11/2017

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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 Pearland, Texas 77588
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BARGE "IB 1987"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15-03 1/4"

IN	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	160,327	0	150,332	0	138,856	0	127,460	0	116,024	0	104,588	0	93,152	0	81,716	0	70,280	0	58,844
1/4	1/4	160,317	1/4	150,322	1/4	138,846	1/4	127,450	1/4	116,014	1/4	104,578	1/4	93,146	1/4	81,710	1/4	70,274	1/4	58,838
1/2	1/2	160,258	1/2	149,856	1/2	138,420	1/2	126,984	1/2	115,547	1/2	104,111	1/2	92,675	1/2	81,239	1/2	69,803	1/2	58,375
3/4	3/4	160,198	3/4	149,617	3/4	138,181	3/4	126,745	3/4	115,309	3/4	103,873	3/4	92,437	3/4	81,001	3/4	69,565	3/4	58,117
1	1	160,139	1	149,379	1	137,943	1	126,507	1	114,871	1	103,535	1	92,199	1	80,763	1	69,327	1	57,881
1/4	1/4	160,079	1/4	149,141	1/4	137,705	1/4	126,269	1/4	114,633	1/4	103,297	1/4	91,961	1/4	80,525	1/4	69,089	1/4	57,695
1/2	1/2	159,940	1/2	148,903	1/2	137,467	1/2	125,931	1/2	114,394	1/2	102,920	1/2	91,722	1/2	80,286	1/2	68,850	1/2	57,509
3/4	3/4	159,801	3/4	148,664	3/4	137,228	3/4	125,792	3/4	114,156	3/4	102,822	3/4	91,484	3/4	80,048	3/4	68,612	3/4	57,323
2	2	159,662	2	148,426	2	136,990	2	125,554	2	114,118	2	102,682	2	91,246	2	79,810	2	68,374	2	57,085
1/4	1/4	159,523	1/4	148,188	1/4	136,752	1/4	125,316	1/4	113,880	1/4	102,444	1/4	91,008	1/4	79,572	1/4	68,136	1/4	56,849
1/2	1/2	159,308	1/2	147,950	1/2	136,514	1/2	125,078	1/2	113,641	1/2	102,205	1/2	90,769	1/2	79,333	1/2	67,897	1/2	56,663
3/4	3/4	159,093	3/4	147,711	3/4	136,275	3/4	124,839	3/4	113,403	3/4	101,967	3/4	90,531	3/4	79,095	3/4	67,659	3/4	56,477
3	3	158,878	3	147,473	3	136,037	3	124,601	3	113,165	3	101,729	3	90,293	3	78,857	3	67,421	3	56,291
1/4	1/4	158,663	1/4	147,235	1/4	135,799	1/4	124,363	1/4	112,927	1/4	101,491	1/4	90,055	1/4	78,619	1/4	67,183	1/4	56,105
1/2	1/2	158,426	1/2	146,997	1/2	135,561	1/2	124,125	1/2	112,688	1/2	101,252	1/2	89,816	1/2	78,380	1/2	66,944	1/2	55,919
3/4	3/4	158,190	3/4	146,758	3/4	135,322	3/4	123,886	3/4	112,450	3/4	101,014	3/4	89,578	3/4	78,142	3/4	66,706	3/4	55,733
4	4	157,953	4	146,520	4	135,084	4	123,648	4	112,212	4	100,776	4	89,340	4	77,904	4	66,468	4	55,547
1/4	1/4	157,716	1/4	146,282	1/4	134,846	1/4	123,410	1/4	111,974	1/4	100,538	1/4	89,102	1/4	77,666	1/4	66,230	1/4	55,361
1/2	1/2	157,478	1/2	146,044	1/2	134,608	1/2	123,171	1/2	111,735	1/2	100,299	1/2	88,863	1/2	77,427	1/2	66,091	1/2	55,175
3/4	3/4	157,240	3/4	145,805	3/4	134,369	3/4	122,933	3/4	111,497	3/4	100,061	3/4	88,625	3/4	77,189	3/4	65,853	3/4	54,989
5	5	157,003	5	145,567	5	134,131	5	122,695	5	111,259	5	99,823	5	88,387	5	76,951	5	65,615	5	54,803
1/4	1/4	156,765	1/4	145,329	1/4	133,893	1/4	122,457	1/4	111,021	1/4	99,585	1/4	88,149	1/4	76,713	1/4	65,371	1/4	54,617
1/2	1/2	156,526	1/2	145,091	1/2	133,655	1/2	122,218	1/2	110,782	1/2	99,346	1/2	87,910	1/2	76,471	1/2	65,138	1/2	54,431
3/4	3/4	156,288	3/4	144,852	3/4	133,417	3/4	121,980	3/4	110,544	3/4	99,108	3/4	87,672	3/4	76,226	3/4	64,900	3/4	54,245
6	6	156,050	6	144,614	6	133,178	6	121,742	6	110,306	6	98,870	6	87,434	6	75,998	6	64,662	6	54,059
1/4	1/4	155,812	1/4	144,376	1/4	132,940	1/4	121,504	1/4	110,068	1/4	98,632	1/4	87,196	1/4	75,750	1/4	64,424	1/4	53,873
1/2	1/2	155,574	1/2	144,138	1/2	132,702	1/2	121,265	1/2	109,829	1/2	98,393	1/2	86,957	1/2	75,503	1/2	64,180	1/2	53,687
3/4	3/4	155,335	3/4	143,899	3/4	132,463	3/4	121,027	3/4	109,591	3/4	98,155	3/4	86,719	3/4	75,251	3/4	63,947	3/4	53,501
7	7	155,097	7	143,661	7	132,225	7	120,789	7	109,353	7	97,917	7	86,481	7	75,045	7	63,709	7	53,315
1/4	1/4	154,859	1/4	143,423	1/4	131,987	1/4	120,551	1/4	109,115	1/4	97,679	1/4	86,243	1/4	74,807	1/4	63,471	1/4	53,129
1/2	1/2	154,621	1/2	143,185	1/2	131,749	1/2	120,312	1/2	108,876	1/2	97,440	1/2	86,004	1/2	74,568	1/2	63,232	1/2	52,943
3/4	3/4	154,382	3/4	142,946	3/4	131,510	3/4	120,074	3/4	108,638	3/4	97,202	3/4	85,766	3/4	74,330	3/4	62,994	3/4	52,757
8	8	154,144	8	142,708	8	131,272	8	119,836	8	108,400	8	96,964	8	85,528	8	74,092	8	62,756	8	52,571
1/4	1/4	153,906	1/4	142,470	1/4	131,034	1/4	119,598	1/4	108,162	1/4	96,726	1/4	85,290	1/4	73,854	1/4	62,518	1/4	52,385
1/2	1/2	153,668	1/2	142,232	1/2	130,796	1/2	119,359	1/2	107,923	1/2	96,487	1/2	85,051	1/2	73,615	1/2	62,279	1/2	52,200
3/4	3/4	153,429	3/4	141,993	3/4	130,557	3/4	119,121	3/4	107,685	3/4	96,249	3/4	84,813	3/4	73,377	3/4	62,031	3/4	52,014
9	9	153,191	9	141,755	9	130,319	9	118,883	9	107,447	9	96,011	9	84,575	9	73,139	9	61,793	9	51,828
1/4	1/4	152,953	1/4	141,517	1/4	130,081	1/4	118,645	1/4	107,209	1/4	95,773	1/4	84,337	1/4	72,901	1/4	61,555	1/4	51,642
1/2	1/2	152,715	1/2	141,279	1/2	129,843	1/2	118,406	1/2	106,970	1/2	95,534	1/2	84,098	1/2	72,662	1/2	61,312	1/2	51,456
3/4	3/4	152,476	3/4	141,040	3/4	129,604	3/4	118,168	3/4	106,732	3/4	95,296	3/4	83,860	3/4	72,424	3/4	61,078	3/4	51,270
10	10	152,238	10	140,802	10	129,366	10	117,930	10	106,494	10	95,058	10	83,622	10	72,186	10	60,840	10	51,084
1/4	1/4	152,000	1/4	140,564	1/4	129,128	1/4	117,692	1/4	106,256	1/4	94,820	1/4	83,384	1/4	71,948	1/4	60,592	1/4	50,898
1/2	1/2	151,762	1/2	140,326	1/2	128,890	1/2	117,453	1/2	106,017	1/2	94,581	1/2	83,145	1/2	71,709	1/2	60,350	1/2	50,712
3/4	3/4	151,523	3/4	140,087	3/4	128,651	3/4	117,215	3/4	105,779	3/4	94,343	3/4	82,907	3/4	71,471	3/4	60,103	3/4	50,526
11	11	151,285	11	139,849	11	128,413	11	116,977	11	105,541	11	94,105	11	82,669	11	71,233	11	59,797	11	50,340
1/4	1/4	151,047	1/4	139,611	1/4	128,175	1/4	116,739	1/4	105,303	1/4	93,867	1/4	82,431	1/4	70,995	1/4	59,559	1/4	50,154
1/2	1/2	150,809	1/2	139,373	1/2	127,937	1/2	116,500	1/2	105,064	1/2	93,628	1/2	82,192	1/2	70,756	1/2	59,320	1/2	50,000
3/4	3/4	150,570	3/4	139,134	3/4	127,698	3/4	116,262	3/4	104,826	3/4	93,390	3/4	81,954	3/4	70,518	3/4	59,082	3/4	49,814

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
http://www.pma.com.net

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



BARGE "IB 1987"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	58,844	0	47,408	0	35,973	0	24,554	0	13,118	0	1,691	0		0		0		0	
1/4	58,606	1/4	47,170	1/4	35,735	1/4	24,315	1/4	12,880	1/4	1,455	1/4		1/4		1/4		1/4	
1/2	58,367	1/2	46,931	1/2	35,497	1/2	24,077	1/2	12,642	1/2	1,257	1/2		1/2		1/2		1/2	
3/4	58,129	3/4	46,693	3/4	35,259	3/4	23,839	3/4	12,403	3/4	1,058	3/4		3/4		3/4		3/4	
1	57,891	1	46,455	1	35,022	1	23,601	1	12,165	1	860	1		1		1		1	
1/4	57,653	1/4	46,217	1/4	34,784	1/4	23,362	1/4	11,927	1/4	662	1/4		1/4		1/4		1/4	
1/2	57,414	1/2	45,978	1/2	34,546	1/2	23,124	1/2	11,689	1/2	542	1/2		1/2		1/2		1/2	
3/4	57,176	3/4	45,740	3/4	34,308	3/4	22,886	3/4	11,450	3/4	423	3/4		3/4		3/4		3/4	
2	56,938	2	45,502	2	34,070	2	22,648	2	11,212	2	304	2		2		2		2	
1/4	56,700	1/4	45,264	1/4	33,833	1/4	22,409	1/4	10,974	1/4	185	1/4		1/4		1/4		1/4	
1/2	56,461	1/2	45,025	1/2	33,595	1/2	22,171	1/2	10,736	1/2	145	1/2		1/2		1/2		1/2	
3/4	56,223	3/4	44,787	3/4	33,357	3/4	21,933	3/4	10,497	3/4	105	3/4		3/4		3/4		3/4	
3	55,985	3	44,549	3	33,119	3	21,695	3	10,259	3	66	3		3		3		3	
1/4	55,747	1/4	44,311	1/4	32,881	1/4	21,456	1/4	10,021	1/4	26	1/4		1/4		1/4		1/4	
1/2	55,508	1/2	44,072	1/2	32,644	1/2	21,218	1/2	9,783	1/2		1/2		1/2		1/2		1/2	
3/4	55,270	3/4	43,834	3/4	32,406	3/4	20,980	3/4	9,544	3/4		3/4		3/4		3/4		3/4	
4	55,032	4	43,596	4	32,168	4	20,742	4	9,306	4		4		4		4		4	
1/4	54,794	1/4	43,358	1/4	31,930	1/4	20,504	1/4	9,068	1/4		1/4		1/4		1/4		1/4	
1/2	54,555	1/2	43,119	1/2	31,692	1/2	20,265	1/2	8,830	1/2		1/2		1/2		1/2		1/2	
3/4	54,317	3/4	42,881	3/4	31,455	3/4	20,027	3/4	8,591	3/4		3/4		3/4		3/4		3/4	
5	54,079	5	42,643	5	31,217	5	19,789	5	8,353	5		5		5		5		5	
1/4	53,841	1/4	42,405	1/4	30,979	1/4	19,551	1/4	8,115	1/4		1/4		1/4		1/4		1/4	
1/2	53,602	1/2	42,166	1/2	30,741	1/2	19,312	1/2	7,877	1/2		1/2		1/2		1/2		1/2	
3/4	53,364	3/4	41,928	3/4	30,503	3/4	19,074	3/4	7,639	3/4		3/4		3/4		3/4		3/4	
6	53,126	6	41,690	6	30,266	6	18,836	6	7,400	6		6		6		6		6	
1/4	52,888	1/4	41,452	1/4	30,028	1/4	18,598	1/4	7,162	1/4		1/4		1/4		1/4		1/4	
1/2	52,649	1/2	41,213	1/2	29,790	1/2	18,359	1/2	6,924	1/2		1/2		1/2		1/2		1/2	
3/4	52,411	3/4	40,975	3/4	29,552	3/4	18,121	3/4	6,686	3/4		3/4		3/4		3/4		3/4	
7	52,173	7	40,737	7	29,314	7	17,883	7	6,447	7		7		7		7		7	
1/4	51,935	1/4	40,499	1/4	29,077	1/4	17,645	1/4	6,209	1/4		1/4		1/4		1/4		1/4	
1/2	51,696	1/2	40,260	1/2	28,839	1/2	17,406	1/2	5,971	1/2		1/2		1/2		1/2		1/2	
3/4	51,458	3/4	40,022	3/4	28,601	3/4	17,168	3/4	5,733	3/4		3/4		3/4		3/4		3/4	
8	51,220	8	39,784	8	28,363	8	16,930	8	5,494	8		8		8		8		8	
1/4	50,982	1/4	39,546	1/4	28,125	1/4	16,692	1/4	5,256	1/4		1/4		1/4		1/4		1/4	
1/2	50,743	1/2	39,307	1/2	27,888	1/2	16,453	1/2	5,018	1/2		1/2		1/2		1/2		1/2	
3/4	50,505	3/4	39,069	3/4	27,650	3/4	16,215	3/4	4,780	3/4		3/4		3/4		3/4		3/4	
9	50,267	9	38,831	9	27,412	9	15,977	9	4,542	9		9		9		9		9	
1/4	50,029	1/4	38,593	1/4	27,174	1/4	15,739	1/4	4,303	1/4		1/4		1/4		1/4		1/4	
1/2	49,790	1/2	38,354	1/2	26,936	1/2	15,500	1/2	4,065	1/2		1/2		1/2		1/2		1/2	
3/4	49,552	3/4	38,116	3/4	26,698	3/4	15,262	3/4	3,827	3/4		3/4		3/4		3/4		3/4	
10	49,314	10	37,878	10	26,460	10	15,024	10	3,589	10		10		10		10		10	
1/4	49,076	1/4	37,640	1/4	26,221	1/4	14,786	1/4	3,351	1/4		1/4		1/4		1/4		1/4	
1/2	48,837	1/2	37,401	1/2	25,983	1/2	14,547	1/2	3,113	1/2		1/2		1/2		1/2		1/2	
3/4	48,599	3/4	37,163	3/4	25,745	3/4	14,309	3/4	2,875	3/4		3/4		3/4		3/4		3/4	
11	48,361	11	36,925	11	25,507	11	14,071	11	2,638	11		11		11		11		11	
1/4	48,123	1/4	36,687	1/4	25,268	1/4	13,833	1/4	2,400	1/4		1/4		1/4		1/4		1/4	
1/2	47,884	1/2	36,449	1/2	25,030	1/2	13,595	1/2	2,164	1/2		1/2		1/2		1/2		1/2	
3/4	47,646	3/4	36,211	3/4	24,792	3/4	13,356	3/4	1,928	3/4		3/4		3/4		3/4		3/4	

GAUGE HEIGHT 15-03 1/4"

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2017 SW
 CALCULATED: 11/21/2017 CL
 PRINTED: 11/21/2017 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 11/2017

PRECISION MEASUREMENT
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