



BARGE "IB 1908"
ULLAGE TRIM TABLE

GAL

	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8
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: 176'-09"

May 21, 2019

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

<http://www.pmacorp.net>



BARGE "B 1908"

1 CENTER
ULLAGE T. 2E

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	1	IN	2	IN	3	IN	4	IN	5	IN	6	IN	7	IN	8	IN	9
0	160,871	0	153,266	0	144,909	0	136,552	0	128,194	0	119,837	0	111,480	0	103,123	0	94,766	0	86,409
1/4	160,781	1/4	153,092	1/4	144,735	1/4	136,377	1/4	128,020	1/4	119,663	1/4	111,306	1/4	102,949	1/4	94,592	1/4	86,235
1/2	160,691	1/2	152,918	1/2	144,568	1/2	136,209	1/2	127,852	1/2	119,495	1/2	111,138	1/2	102,782	1/2	94,423	1/2	86,066
3/4	160,601	3/4	152,744	3/4	144,387	3/4	136,040	3/4	127,685	3/4	119,330	3/4	110,973	3/4	102,627	3/4	94,268	3/4	85,909
1	160,511	1	152,570	1	144,213	1	135,855	1	127,518	1	119,165	1	110,808	1	102,472	1	94,112	1	85,750
1/4	160,427	1/4	152,396	1/4	144,038	1/4	135,681	1/4	127,343	1/4	118,990	1/4	110,633	1/4	102,316	1/4	93,955	1/4	85,591
1/2	160,343	1/2	152,222	1/2	143,864	1/2	135,507	1/2	127,168	1/2	118,815	1/2	110,476	1/2	102,160	1/2	93,799	1/2	85,432
3/4	160,258	3/4	152,048	3/4	143,690	3/4	135,333	3/4	126,975	3/4	118,640	3/4	110,300	3/4	101,956	3/4	93,640	3/4	85,273
2	160,174	2	151,874	2	143,516	2	135,159	2	126,801	2	118,465	2	110,115	2	101,800	2	93,483	2	85,114
1/4	160,013	1/4	151,699	1/4	143,342	1/4	134,985	1/4	126,627	1/4	118,290	1/4	109,940	1/4	101,644	1/4	93,293	1/4	84,955
1/2	159,851	1/2	151,525	1/2	143,168	1/2	134,810	1/2	126,453	1/2	118,115	1/2	109,775	1/2	101,489	1/2	93,104	1/2	84,796
3/4	159,690	3/4	151,351	3/4	142,994	3/4	134,636	3/4	126,279	3/4	117,940	3/4	109,600	3/4	101,324	3/4	92,914	3/4	84,637
3	159,529	3	151,177	3	142,820	3	134,462	3	126,105	3	117,765	3	109,425	3	101,159	3	92,725	3	84,478
1/4	159,356	1/4	151,003	1/4	142,646	1/4	134,288	1/4	125,931	1/4	117,590	1/4	109,250	1/4	100,994	1/4	92,536	1/4	84,319
1/2	159,183	1/2	150,829	1/2	142,471	1/2	134,114	1/2	125,757	1/2	117,415	1/2	109,075	1/2	100,829	1/2	92,347	1/2	84,160
3/4	159,010	3/4	150,655	3/4	142,297	3/4	133,940	3/4	125,583	3/4	117,236	3/4	108,896	3/4	100,663	3/4	92,158	3/4	84,001
4	158,837	4	150,481	4	142,123	4	133,766	4	125,409	4	117,061	4	108,717	4	100,497	4	91,969	4	83,842
1/4	158,663	1/4	150,307	1/4	141,949	1/4	133,592	1/4	125,235	1/4	116,886	1/4	108,542	1/4	100,332	1/4	91,780	1/4	83,683
1/2	158,489	1/2	150,132	1/2	141,775	1/2	133,418	1/2	125,061	1/2	116,711	1/2	108,367	1/2	100,167	1/2	91,611	1/2	83,524
3/4	158,315	3/4	149,958	3/4	141,601	3/4	133,243	3/4	124,888	3/4	116,536	3/4	108,192	3/4	99,994	3/4	91,442	3/4	83,365
5	158,142	5	149,784	5	141,427	5	133,069	5	124,714	5	116,361	5	108,017	5	99,819	5	91,273	5	83,206
1/4	157,967	1/4	149,610	1/4	141,253	1/4	132,895	1/4	124,541	1/4	116,186	1/4	107,842	1/4	99,644	1/4	91,104	1/4	83,047
1/2	157,793	1/2	149,436	1/2	141,079	1/2	132,721	1/2	124,367	1/2	116,011	1/2	107,667	1/2	99,470	1/2	90,935	1/2	82,888
3/4	157,619	3/4	149,262	3/4	140,904	3/4	132,547	3/4	124,194	3/4	115,836	3/4	107,493	3/4	99,296	3/4	90,766	3/4	82,729
6	157,445	6	149,088	6	140,730	6	132,373	6	124,020	6	115,661	6	107,319	6	99,121	6	90,591	6	82,570
1/4	157,271	1/4	148,914	1/4	140,556	1/4	132,199	1/4	123,846	1/4	115,486	1/4	107,145	1/4	98,946	1/4	90,412	1/4	82,411
1/2	157,097	1/2	148,739	1/2	140,382	1/2	132,025	1/2	123,672	1/2	115,311	1/2	106,970	1/2	98,771	1/2	90,233	1/2	82,252
3/4	156,923	3/4	148,565	3/4	140,208	3/4	131,851	3/4	123,498	3/4	115,136	3/4	106,796	3/4	98,596	3/4	90,054	3/4	82,093
7	156,749	7	148,391	7	140,034	7	131,676	7	122,944	7	114,961	7	106,620	7	98,420	7	89,875	7	81,934
1/4	156,575	1/4	148,217	1/4	139,860	1/4	131,502	1/4	122,770	1/4	114,786	1/4	106,445	1/4	98,245	1/4	89,696	1/4	81,775
1/2	156,400	1/2	148,043	1/2	139,686	1/2	131,328	1/2	122,605	1/2	114,611	1/2	106,269	1/2	98,070	1/2	89,517	1/2	81,616
3/4	156,226	3/4	147,869	3/4	139,511	3/4	131,154	3/4	122,431	3/4	114,436	3/4	106,093	3/4	97,891	3/4	89,338	3/4	81,457
8	156,052	8	147,695	8	139,337	8	130,980	8	122,257	8	114,261	8	105,918	8	97,716	8	89,159	8	81,298
1/4	155,878	1/4	147,521	1/4	139,163	1/4	130,806	1/4	122,082	1/4	114,086	1/4	105,743	1/4	97,541	1/4	88,980	1/4	81,139
1/2	155,704	1/2	147,347	1/2	138,989	1/2	130,632	1/2	121,908	1/2	113,911	1/2	105,568	1/2	97,366	1/2	88,801	1/2	80,980
3/4	155,530	3/4	147,172	3/4	138,815	3/4	130,458	3/4	121,734	3/4	113,736	3/4	105,393	3/4	97,191	3/4	88,622	3/4	80,821
9	155,356	9	146,998	9	138,641	9	130,283	9	121,560	9	113,561	9	105,218	9	97,016	9	88,443	9	80,662
1/4	155,182	1/4	146,824	1/4	138,467	1/4	130,109	1/4	121,386	1/4	113,386	1/4	105,043	1/4	96,841	1/4	88,264	1/4	80,503
1/2	155,008	1/2	146,650	1/2	138,293	1/2	129,935	1/2	121,212	1/2	113,211	1/2	104,868	1/2	96,666	1/2	88,085	1/2	80,344
3/4	154,833	3/4	146,476	3/4	138,119	3/4	129,761	3/4	121,038	3/4	113,036	3/4	104,693	3/4	96,491	3/4	87,906	3/4	80,185
10	154,659	10	146,302	10	137,944	10	129,587	10	119,714	10	112,861	10	104,518	10	96,316	10	87,727	10	80,026
1/4	154,485	1/4	146,128	1/4	137,770	1/4	129,413	1/4	119,540	1/4	112,686	1/4	104,343	1/4	96,141	1/4	87,548	1/4	79,867
1/2	154,311	1/2	145,954	1/2	137,596	1/2	129,239	1/2	119,366	1/2	112,511	1/2	104,168	1/2	95,966	1/2	87,369	1/2	79,708
3/4	154,137	3/4	145,780	3/4	137,422	3/4	129,065	3/4	119,191	3/4	112,336	3/4	103,993	3/4	95,791	3/4	87,190	3/4	79,549
11	153,963	11	145,605	11	137,248	11	128,891	11	118,638	11	112,161	11	103,818	11	95,616	11	87,011	11	79,390
1/4	153,789	1/4	145,431	1/4	137,074	1/4	128,716	1/4	118,463	1/4	111,986	1/4	103,643	1/4	95,441	1/4	86,832	1/4	79,231
1/2	153,615	1/2	145,257	1/2	136,900	1/2	128,542	1/2	118,289	1/2	111,811	1/2	103,468	1/2	95,266	1/2	86,653	1/2	79,072
3/4	153,441	3/4	145,083	3/4	136,726	3/4	128,368	3/4	118,114	3/4	111,636	3/4	103,293	3/4	95,091	3/4	86,474	3/4	78,913

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.

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BARGF "IB 1908"

1 CENTRAL ULLAGE TANK

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	65,913	0	53,007	0	40,117	0	27,450	0	14,529	0	1,643	0	0	0	0	0	0	0	0
1/4	65,645	1/4	52,738	1/4	39,853	1/4	27,181	1/4	14,260	1/4	1,419	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,376	1/2	52,469	1/2	39,589	1/2	26,911	1/2	13,991	1/2	1,194	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,108	3/4	52,200	3/4	39,325	3/4	26,642	3/4	13,771	3/4	970	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	64,839	1	51,931	1	39,061	1	26,373	1	13,452	1	746	1	1	1	1	1	1	1	1
1/4	64,571	1/4	51,662	1/4	38,800	1/4	26,104	1/4	13,183	1/4	611	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,302	1/2	51,393	1/2	38,538	1/2	25,835	1/2	12,914	1/2	476	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,034	3/4	51,124	3/4	38,276	3/4	25,565	3/4	12,645	3/4	341	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	63,765	2	50,855	2	38,014	2	25,296	2	12,375	2	206	2	2	2	2	2	2	2	2
1/4	63,497	1/4	50,586	1/4	37,752	1/4	25,027	1/4	12,106	1/4	161	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,228	1/2	50,317	1/2	37,480	1/2	24,758	1/2	11,837	1/2	116	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,960	3/4	50,048	3/4	37,228	3/4	24,489	3/4	11,568	3/4	71	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	62,691	3	49,779	3	36,966	3	24,220	3	11,299	3	26	3	3	3	3	3	3	3	3
1/4	62,422	1/4	49,510	1/4	36,704	1/4	23,950	1/4	11,030	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,153	1/2	49,241	1/2	36,442	1/2	23,681	1/2	10,760	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,884	3/4	48,972	3/4	36,180	3/4	23,412	3/4	10,491	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	61,615	4	48,704	4	35,918	4	23,143	4	10,222	4	0	4	4	4	4	4	4	4	4
1/4	61,346	1/4	48,435	1/4	35,656	1/4	22,874	1/4	9,953	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,077	1/2	48,166	1/2	35,395	1/2	22,604	1/2	9,683	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,808	3/4	47,897	3/4	35,133	3/4	22,335	3/4	9,414	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	60,539	5	47,628	5	34,871	5	22,066	5	9,144	5	0	5	5	5	5	5	5	5	5
1/4	60,270	1/4	47,359	1/4	34,609	1/4	21,797	1/4	8,875	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,001	1/2	47,090	1/2	34,347	1/2	21,528	1/2	8,605	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,732	3/4	46,821	3/4	34,085	3/4	21,259	3/4	8,336	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	59,463	6	46,552	6	33,823	6	20,989	6	8,066	6	0	6	6	6	6	6	6	6	6
1/4	59,194	1/4	46,283	1/4	33,561	1/4	20,720	1/4	7,797	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,925	1/2	46,014	1/2	33,299	1/2	20,451	1/2	7,528	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,656	3/4	45,745	3/4	33,037	3/4	20,182	3/4	7,259	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	58,387	7	45,476	7	32,775	7	19,913	7	6,990	7	0	7	7	7	7	7	7	7	7
1/4	58,118	1/4	45,207	1/4	32,513	1/4	19,643	1/4	6,720	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,849	1/2	44,938	1/2	32,251	1/2	19,374	1/2	6,451	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,580	3/4	44,669	3/4	31,990	3/4	19,105	3/4	6,182	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	57,311	8	44,400	8	31,728	8	18,836	8	5,913	8	0	8	8	8	8	8	8	8	8
1/4	57,042	1/4	44,131	1/4	31,466	1/4	18,567	1/4	5,644	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,773	1/2	43,862	1/2	31,204	1/2	18,298	1/2	5,375	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,504	3/4	43,593	3/4	30,942	3/4	18,028	3/4	5,106	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	56,235	9	43,324	9	30,680	9	17,759	9	4,837	9	0	9	9	9	9	9	9	9	9
1/4	55,966	1/4	43,055	1/4	30,411	1/4	17,490	1/4	4,569	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,697	1/2	42,786	1/2	30,142	1/2	17,221	1/2	4,301	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,428	3/4	42,517	3/4	29,872	3/4	16,952	3/4	4,033	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	55,159	10	42,248	10	29,603	10	16,682	10	3,766	10	0	10	10	10	10	10	10	10	10
1/4	54,890	1/4	41,979	1/4	29,334	1/4	16,413	1/4	3,499	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,621	1/2	41,710	1/2	29,065	1/2	16,144	1/2	3,232	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,352	3/4	41,441	3/4	28,796	3/4	15,875	3/4	2,966	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	54,083	11	41,172	11	28,526	11	15,606	11	2,699	11	0	11	11	11	11	11	11	11	11
1/4	53,814	1/4	40,908	1/4	28,257	1/4	15,337	1/4	2,435	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,545	1/2	40,644	1/2	27,988	1/2	15,067	1/2	2,171	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,276	3/4	40,380	3/4	27,719	3/4	14,798	3/4	1,907	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/20/2019 JS
 CALCULATED: 05/21/2019 CL
 PRINTED: 05/21/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/20/19

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "IB 1908"

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	174,096	0	162,226	0	149,784	0	137,341	0	124,899	0	112,456	0	100,014	0	87,571	0	75,129	
1/4	1/4	174,009	1/4	161,967	1/4	149,524	1/4	137,082	1/4	124,640	1/4	112,197	1/4	99,755	1/4	87,312	1/4	74,870	
1/2	1/2	161,836	1/2	149,793	1/2	137,350	1/2	124,909	1/2	112,466	1/2	99,755	1/2	87,312	1/2	74,870	1/2	62,428	
3/4	3/4	173,664	3/4	161,449	3/4	149,006	3/4	136,564	3/4	124,121	3/4	111,679	3/4	99,236	3/4	86,794	3/4	74,351	
1	1	173,491	1	161,189	1	148,747	1	136,304	1	123,862	1	111,419	1	98,977	1	86,534	1	74,092	
1/4	1/4	173,318	1/4	160,930	1/4	148,488	1/4	136,045	1/4	123,603	1/4	111,160	1/4	98,718	1/4	86,275	1/4	73,833	
1/2	1/2	173,071	1/2	160,671	1/2	148,228	1/2	135,786	1/2	123,343	1/2	110,901	1/2	98,458	1/2	86,016	1/2	73,573	
3/4	3/4	172,824	3/4	160,412	3/4	147,969	3/4	135,527	3/4	123,084	3/4	110,642	3/4	98,199	3/4	85,757	3/4	73,314	
2	2	172,577	2	160,152	2	147,710	2	135,267	2	122,825	2	110,382	2	97,940	2	85,498	2	73,055	
1/4	1/4	172,330	1/4	159,893	1/4	147,451	1/4	135,008	1/4	122,566	1/4	110,123	1/4	97,681	1/4	85,238	1/4	72,796	
1/2	1/2	172,072	1/2	159,634	1/2	147,192	1/2	134,749	1/2	122,307	1/2	109,864	1/2	97,422	1/2	84,979	1/2	72,537	
3/4	3/4	171,814	3/4	159,375	3/4	146,932	3/4	134,490	3/4	122,047	3/4	109,605	3/4	97,162	3/4	84,720	3/4	72,277	
3	3	171,556	3	159,116	3	146,673	3	134,231	3	121,788	3	109,346	3	96,903	3	84,461	3	72,018	
1/4	1/4	171,298	1/4	158,856	1/4	146,414	1/4	133,971	1/4	121,529	1/4	109,086	1/4	96,644	1/4	84,201	1/4	71,759	
1/2	1/2	171,039	1/2	158,597	1/2	146,155	1/2	133,712	1/2	121,270	1/2	108,827	1/2	96,385	1/2	83,942	1/2	71,500	
3/4	3/4	170,780	3/4	158,338	3/4	145,895	3/4	133,453	3/4	121,010	3/4	108,568	3/4	96,125	3/4	83,683	3/4	71,241	
4	4	170,521	4	158,079	4	145,636	4	133,194	4	120,751	4	108,309	4	95,866	4	83,424	4	70,981	
1/4	1/4	170,262	1/4	157,819	1/4	145,377	1/4	132,935	1/4	120,492	1/4	108,050	1/4	95,607	1/4	83,165	1/4	70,722	
1/2	1/2	170,003	1/2	157,560	1/2	145,118	1/2	132,675	1/2	120,233	1/2	107,790	1/2	95,348	1/2	82,905	1/2	70,463	
3/4	3/4	169,744	3/4	157,301	3/4	144,859	3/4	132,416	3/4	119,974	3/4	107,531	3/4	95,089	3/4	82,646	3/4	70,204	
5	5	169,484	5	157,042	5	144,600	5	132,157	5	119,714	5	107,272	5	94,829	5	82,387	5	69,944	
1/4	1/4	169,225	1/4	156,783	1/4	144,340	1/4	131,898	1/4	119,455	1/4	107,013	1/4	94,570	1/4	82,128	1/4	69,685	
1/2	1/2	168,966	1/2	156,523	1/2	144,081	1/2	131,638	1/2	119,196	1/2	106,753	1/2	94,311	1/2	81,868	1/2	69,426	
3/4	3/4	168,707	3/4	156,264	3/4	143,822	3/4	131,379	3/4	118,937	3/4	106,494	3/4	94,052	3/4	81,609	3/4	69,167	
6	6	168,447	6	156,005	6	143,562	6	131,120	6	118,677	6	106,235	6	93,793	6	81,350	6	68,908	
1/4	1/4	168,188	1/4	155,746	1/4	143,303	1/4	130,861	1/4	118,418	1/4	105,976	1/4	93,533	1/4	81,091	1/4	68,648	
1/2	1/2	167,929	1/2	155,487	1/2	143,044	1/2	130,602	1/2	118,159	1/2	105,717	1/2	93,274	1/2	80,832	1/2	68,389	
3/4	3/4	167,670	3/4	155,227	3/4	142,785	3/4	130,342	3/4	117,900	3/4	105,457	3/4	93,015	3/4	80,572	3/4	68,130	
7	7	167,411	7	154,968	7	142,526	7	130,083	7	117,641	7	105,198	7	92,756	7	80,313	7	67,871	
1/4	1/4	167,151	1/4	154,709	1/4	142,266	1/4	129,824	1/4	117,381	1/4	104,939	1/4	92,496	1/4	80,054	1/4	67,611	
1/2	1/2	166,892	1/2	154,450	1/2	142,007	1/2	129,565	1/2	117,122	1/2	104,680	1/2	92,237	1/2	79,795	1/2	67,352	
3/4	3/4	166,633	3/4	154,190	3/4	141,748	3/4	129,306	3/4	116,863	3/4	104,420	3/4	91,978	3/4	79,535	3/4	67,093	
8	8	166,374	8	153,931	8	141,489	8	129,046	8	116,604	8	104,161	8	91,719	8	79,276	8	66,834	
1/4	1/4	166,114	1/4	153,672	1/4	141,230	1/4	128,787	1/4	116,345	1/4	103,902	1/4	91,460	1/4	79,017	1/4	66,575	
1/2	1/2	165,855	1/2	153,413	1/2	140,970	1/2	128,528	1/2	116,085	1/2	103,643	1/2	91,200	1/2	78,758	1/2	66,315	
3/4	3/4	165,596	3/4	153,154	3/4	140,711	3/4	128,269	3/4	115,826	3/4	103,384	3/4	90,941	3/4	78,499	3/4	66,056	
9	9	165,337	9	152,894	9	140,452	9	128,009	9	115,567	9	103,124	9	90,682	9	78,239	9	65,797	
1/4	1/4	165,078	1/4	152,635	1/4	140,193	1/4	127,750	1/4	115,308	1/4	102,865	1/4	90,423	1/4	77,980	1/4	65,538	
1/2	1/2	164,818	1/2	152,376	1/2	139,933	1/2	127,491	1/2	115,048	1/2	102,606	1/2	90,163	1/2	77,721	1/2	65,278	
3/4	3/4	164,559	3/4	152,117	3/4	139,674	3/4	127,232	3/4	114,789	3/4	102,347	3/4	89,904	3/4	77,462	3/4	65,019	
10	10	164,300	10	151,857	10	139,415	10	126,972	10	114,530	10	102,088	10	89,645	10	77,203	10	64,760	
1/4	1/4	164,041	1/4	151,598	1/4	139,156	1/4	126,713	1/4	114,271	1/4	101,828	1/4	89,386	1/4	76,943	1/4	64,501	
1/2	1/2	163,782	1/2	151,339	1/2	138,897	1/2	126,454	1/2	114,012	1/2	101,569	1/2	89,127	1/2	76,684	1/2	64,242	
3/4	3/4	163,522	3/4	151,080	3/4	138,637	3/4	126,195	3/4	113,752	3/4	101,310	3/4	88,867	3/4	76,425	3/4	63,983	
11	11	163,263	11	150,821	11	138,378	11	125,936	11	113,493	11	101,051	11	88,608	11	76,166	11	63,723	
1/4	1/4	163,004	1/4	150,561	1/4	138,119	1/4	125,676	1/4	113,234	1/4	100,791	1/4	88,349	1/4	75,906	1/4	63,464	
1/2	1/2	162,745	1/2	150,302	1/2	137,860	1/2	125,417	1/2	112,975	1/2	100,532	1/2	88,090	1/2	75,647	1/2	63,205	
3/4	3/4	162,485	3/4	150,043	3/4	137,600	3/4	125,158	3/4	112,715	3/4	100,273	3/4	87,830	3/4	75,388	3/4	62,946	

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 3'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGF "IB 1908"

2 CENTERS 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	62,686	0	50,244	0	37,850	0	25,642	0	13,200	0	933	0	0	0	0	0	0	0	0
1/4	62,427	1/4	49,985	1/4	37,598	1/4	25,383	1/4	12,941	1/4	718	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,168	1/2	49,725	1/2	37,346	1/2	25,124	1/2	12,682	1/2	588	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,909	3/4	49,466	3/4	37,094	3/4	24,864	3/4	12,422	3/4	458	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	61,649	1	49,207	1	36,842	1	24,605	1	12,163	1	329	1	1	1	1	1	1	1	1
1/4	61,390	1/4	48,948	1/4	36,590	1/4	24,346	1/4	11,904	1/4	199	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,131	1/2	48,688	1/2	36,338	1/2	24,087	1/2	11,645	1/2	156	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,872	3/4	48,429	3/4	36,086	3/4	23,828	3/4	11,385	3/4	113	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	60,613	2	48,170	2	35,833	2	23,568	2	11,126	2	70	2	2	2	2	2	2	2	2
1/4	60,353	1/4	47,911	1/4	35,581	1/4	23,309	1/4	10,867	1/4	26	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,094	1/2	47,652	1/2	35,329	1/2	23,050	1/2	10,608	1/2	26	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,835	3/4	47,392	3/4	35,077	3/4	22,791	3/4	10,349	3/4	3	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	59,576	3	47,133	3	34,825	3	22,531	3	10,089	3	3	3	3	3	3	3	3	3	3
1/4	59,316	1/4	46,874	1/4	34,573	1/4	22,272	1/4	9,830	1/4	3	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,057	1/2	46,615	1/2	34,321	1/2	22,013	1/2	9,571	1/2	3	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,798	3/4	46,356	3/4	34,068	3/4	21,754	3/4	9,312	3/4	3	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	58,539	4	46,096	4	33,816	4	21,495	4	9,053	4	4	4	4	4	4	4	4	4	4
1/4	58,280	1/4	45,837	1/4	33,564	1/4	21,235	1/4	8,793	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,020	1/2	45,578	1/2	33,312	1/2	20,976	1/2	8,534	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,761	3/4	45,319	3/4	33,060	3/4	20,717	3/4	8,275	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	57,502	5	45,059	5	32,808	5	20,458	5	8,016	5	5	5	5	5	5	5	5	5	5
1/4	57,243	1/4	44,800	1/4	32,556	1/4	20,199	1/4	7,757	1/4	5	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,983	1/2	44,541	1/2	32,304	1/2	19,939	1/2	7,497	1/2	5	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,724	3/4	44,282	3/4	32,051	3/4	19,680	3/4	7,238	3/4	5	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	56,465	6	44,023	6	31,799	6	19,421	6	6,979	6	6	6	6	6	6	6	6	6	6
1/4	56,206	1/4	43,763	1/4	31,547	1/4	19,162	1/4	6,720	1/4	6	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,947	1/2	43,504	1/2	31,295	1/2	18,903	1/2	6,461	1/2	6	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,687	3/4	43,245	3/4	31,043	3/4	18,643	3/4	6,202	3/4	6	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	55,428	7	42,986	7	30,791	7	18,384	7	5,943	7	7	7	7	7	7	7	7	7	7
1/4	55,169	1/4	42,726	1/4	30,539	1/4	18,125	1/4	5,684	1/4	7	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,910	1/2	42,467	1/2	30,287	1/2	17,866	1/2	5,426	1/2	7	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,651	3/4	42,208	3/4	30,034	3/4	17,606	3/4	5,167	3/4	7	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	54,391	8	41,949	8	29,782	8	17,347	8	4,909	8	8	8	8	8	8	8	8	8	8
1/4	54,132	1/4	41,690	1/4	29,530	1/4	17,088	1/4	4,651	1/4	8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,873	1/2	41,430	1/2	29,271	1/2	16,829	1/2	4,392	1/2	8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,614	3/4	41,171	3/4	29,012	3/4	16,570	3/4	4,135	3/4	8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	53,354	9	40,912	9	28,752	9	16,310	9	3,878	9	9	9	9	9	9	9	9	9	9
1/4	53,095	1/4	40,653	1/4	28,493	1/4	16,051	1/4	3,620	1/4	9	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,836	1/2	40,394	1/2	28,234	1/2	15,792	1/2	3,364	1/2	9	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,577	3/4	40,134	3/4	27,975	3/4	15,533	3/4	3,108	3/4	9	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	52,318	10	39,875	10	27,716	10	15,274	10	2,852	10	10	10	10	10	10	10	10	10	10
1/4	52,058	1/4	39,616	1/4	27,456	1/4	15,014	1/4	2,595	1/4	10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,799	1/2	39,356	1/2	27,197	1/2	14,755	1/2	2,342	1/2	10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,540	3/4	39,111	3/4	26,938	3/4	14,496	3/4	2,088	3/4	10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	51,281	11	38,859	11	26,679	11	14,237	11	1,834	11	11	11	11	11	11	11	11	11	11
1/4	51,021	1/4	38,607	1/4	26,420	1/4	13,978	1/4	1,580	1/4	11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,762	1/2	38,355	1/2	26,160	1/2	13,718	1/2	1,364	1/2	11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,503	3/4	38,103	3/4	25,901	3/4	13,459	3/4	1,149	3/4	11	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/20/2019, JS
CALCULATED: 05/21/2019 CL
PRINTED: 05/21/2019 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2019

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& ANALYSIS, INC.
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http://www.pmaacorp.net



BARGE "IB 1908"

3 CENTER
ULLAGE TANK

CAPACITIES GIVEN IN WHOLE GALLONS

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	172,940	0	161,167	0	148,826	0	136,485	0	124,144	0	111,803	0	99,462	0	87,121	0	74,780	
1/4	1/4	172,854	1/4	160,910	1/4	148,569	1/4	136,228	1/4	123,887	1/4	111,546	1/4	99,205	1/4	86,864	1/4	74,522	
1/2	1/2	172,683	1/2	160,653	1/2	148,312	1/2	135,971	1/2	123,630	1/2	111,289	1/2	98,947	1/2	86,606	1/2	74,265	
3/4	3/4	172,511	3/4	160,396	3/4	148,056	3/4	135,714	3/4	123,374	3/4	111,031	3/4	98,690	3/4	86,349	3/4	74,008	
1	1	172,340	1	160,139	1	147,797	1	135,456	1	123,115	1	110,774	1	98,433	1	86,082	1	73,751	
1/4	1/4	172,168	1/4	159,881	1/4	147,540	1/4	135,199	1/4	122,858	1/4	110,517	1/4	98,176	1/4	85,835	1/4	73,494	
1/2	1/2	171,923	1/2	159,627	1/2	147,283	1/2	134,942	1/2	122,601	1/2	110,260	1/2	97,919	1/2	85,578	1/2	73,237	
3/4	3/4	171,678	3/4	159,364	3/4	147,026	3/4	134,685	3/4	122,344	3/4	110,003	3/4	97,662	3/4	85,321	3/4	72,980	
2	2	171,433	2	159,110	2	146,769	2	134,428	2	122,087	2	109,746	2	97,405	2	85,064	2	72,723	
1/4	1/4	171,188	1/4	158,853	1/4	146,512	1/4	134,171	1/4	121,830	1/4	109,489	1/4	97,148	1/4	84,807	1/4	72,466	
1/2	1/2	170,932	1/2	158,596	1/2	146,255	1/2	133,914	1/2	121,573	1/2	109,232	1/2	96,891	1/2	84,550	1/2	72,208	
3/4	3/4	170,677	3/4	158,339	3/4	145,998	3/4	133,657	3/4	121,316	3/4	108,975	3/4	96,634	3/4	84,292	3/4	71,951	
3	3	170,421	3	158,082	3	145,741	3	133,400	3	121,059	3	108,717	3	96,376	3	84,035	3	71,694	
1/4	1/4	170,165	1/4	157,825	1/4	145,484	1/4	133,142	1/4	120,801	1/4	108,460	1/4	96,119	1/4	83,778	1/4	71,437	
1/2	1/2	169,908	1/2	157,567	1/2	145,226	1/2	132,885	1/2	120,544	1/2	108,203	1/2	95,862	1/2	83,521	1/2	71,180	
3/4	3/4	169,651	3/4	157,310	3/4	144,969	3/4	132,628	3/4	120,287	3/4	107,946	3/4	95,605	3/4	83,264	3/4	70,923	
4	4	169,394	4	157,053	4	144,712	4	132,371	4	120,030	4	107,689	4	95,348	4	83,007	4	70,666	
1/4	1/4	169,137	1/4	156,796	1/4	144,455	1/4	132,114	1/4	119,773	1/4	107,432	1/4	95,091	1/4	82,750	1/4	70,409	
1/2	1/2	168,880	1/2	156,539	1/2	144,198	1/2	131,857	1/2	119,516	1/2	107,175	1/2	94,834	1/2	82,493	1/2	70,152	
3/4	3/4	168,623	3/4	156,282	3/4	143,941	3/4	131,600	3/4	119,259	3/4	106,918	3/4	94,577	3/4	82,236	3/4	69,895	
5	5	168,366	5	156,025	5	143,684	5	131,343	5	119,002	5	106,661	5	94,320	5	81,979	5	69,637	
1/4	1/4	168,109	1/4	155,768	1/4	143,427	1/4	131,086	1/4	118,745	1/4	106,404	1/4	94,062	1/4	81,721	1/4	69,380	
1/2	1/2	167,852	1/2	155,511	1/2	143,170	1/2	130,829	1/2	118,487	1/2	106,146	1/2	93,805	1/2	81,464	1/2	69,123	
3/4	3/4	167,595	3/4	155,254	3/4	142,912	3/4	130,571	3/4	118,230	3/4	105,889	3/4	93,548	3/4	81,207	3/4	68,866	
6	6	167,337	6	154,996	6	142,655	6	130,314	6	117,973	6	105,632	6	93,291	6	80,950	6	68,609	
1/4	1/4	167,080	1/4	154,739	1/4	142,398	1/4	130,057	1/4	117,716	1/4	105,375	1/4	93,034	1/4	80,693	1/4	68,352	
1/2	1/2	166,823	1/2	154,482	1/2	142,141	1/2	129,800	1/2	117,459	1/2	105,118	1/2	92,777	1/2	80,436	1/2	68,095	
3/4	3/4	166,566	3/4	154,225	3/4	141,884	3/4	129,543	3/4	117,202	3/4	104,861	3/4	92,520	3/4	80,179	3/4	67,838	
7	7	166,309	7	153,968	7	141,627	7	129,286	7	116,945	7	104,604	7	92,263	7	79,922	7	67,581	
1/4	1/4	166,052	1/4	153,711	1/4	141,370	1/4	129,029	1/4	116,688	1/4	104,347	1/4	92,006	1/4	79,665	1/4	67,323	
1/2	1/2	165,795	1/2	153,454	1/2	141,113	1/2	128,772	1/2	116,431	1/2	104,090	1/2	91,749	1/2	79,407	1/2	67,066	
3/4	3/4	165,538	3/4	153,197	3/4	140,856	3/4	128,515	3/4	116,174	3/4	103,832	3/4	91,491	3/4	79,150	3/4	66,809	
8	8	165,281	8	152,940	8	140,599	8	128,257	8	115,916	8	103,575	8	91,234	8	78,893	8	66,552	
1/4	1/4	165,024	1/4	152,682	1/4	140,341	1/4	128,000	1/4	115,659	1/4	103,318	1/4	90,977	1/4	78,636	1/4	66,295	
1/2	1/2	164,766	1/2	152,425	1/2	140,084	1/2	127,743	1/2	115,402	1/2	103,061	1/2	90,720	1/2	78,379	1/2	66,038	
3/4	3/4	164,509	3/4	152,168	3/4	139,827	3/4	127,486	3/4	115,145	3/4	102,804	3/4	90,463	3/4	78,122	3/4	65,781	
9	9	164,252	9	151,911	9	139,570	9	127,229	9	114,888	9	102,547	9	90,206	9	77,865	9	65,524	
1/4	1/4	163,995	1/4	151,654	1/4	139,313	1/4	126,972	1/4	114,631	1/4	102,290	1/4	89,949	1/4	77,608	1/4	65,267	
1/2	1/2	163,738	1/2	151,397	1/2	139,056	1/2	126,715	1/2	114,374	1/2	102,033	1/2	89,692	1/2	77,351	1/2	65,010	
3/4	3/4	163,481	3/4	151,140	3/4	138,799	3/4	126,458	3/4	114,117	3/4	101,776	3/4	89,435	3/4	77,094	3/4	64,752	
10	10	163,224	10	150,883	10	138,542	10	126,201	10	113,860	10	101,519	10	89,177	10	76,836	10	64,495	
1/4	1/4	162,967	1/4	150,626	1/4	138,285	1/4	125,944	1/4	113,602	1/4	101,261	1/4	88,920	1/4	76,579	1/4	64,238	
1/2	1/2	162,710	1/2	150,369	1/2	138,027	1/2	125,686	1/2	113,345	1/2	101,004	1/2	88,663	1/2	76,322	1/2	63,981	
3/4	3/4	162,452	3/4	150,111	3/4	137,770	3/4	125,429	3/4	113,088	3/4	100,747	3/4	88,406	3/4	76,065	3/4	63,724	
11	11	162,195	11	149,854	11	137,513	11	125,172	11	112,831	11	100,490	11	88,149	11	75,808	11	63,467	
1/4	1/4	161,938	1/4	149,597	1/4	137,256	1/4	124,915	1/4	112,574	1/4	100,233	1/4	87,892	1/4	75,551	1/4	63,210	
1/2	1/2	161,681	1/2	149,340	1/2	136,999	1/2	124,658	1/2	112,317	1/2	99,976	1/2	87,635	1/2	75,294	1/2	62,953	
3/4	3/4	161,424	3/4	149,083	3/4	136,742	3/4	124,401	3/4	112,060	3/4	99,719	3/4	87,378	3/4	75,037	3/4	62,696	

GAUGE HEIGHT 15'-02 1/4"

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.

Pearland, Texas 77588
http://www.pmatcorp.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



BARGF "IB 1908"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	62,438	0	50,097	0	37,759	0	25,433	0	13,092	0	926	0	0	0	0	0	0	0	0
1/4	62,181	1/4	49,840	1/4	37,502	1/4	25,176	1/4	12,835	1/4	712	1/4	0	1/4	0	1/4	0	1/4	0
1/2	61,924	1/2	49,583	1/2	37,246	1/2	24,919	1/2	12,578	1/2	583	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,667	3/4	49,326	3/4	36,989	3/4	24,662	3/4	12,321	3/4	455	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	61,410	1	49,069	1	36,732	1	24,405	1	12,064	1	326	1	1	1	1	1	1	1	1
1/4	61,153	1/4	48,812	1/4	36,476	1/4	24,148	1/4	11,807	1/4	198	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,896	1/2	48,555	1/2	36,219	1/2	23,891	1/2	11,550	1/2	155	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,639	3/4	48,298	3/4	35,963	3/4	23,633	3/4	11,293	3/4	112	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	60,382	2	48,041	2	35,706	2	23,376	2	11,036	2	69	2	2	2	2	2	2	2	2
1/4	60,125	1/4	47,783	1/4	35,449	1/4	23,119	1/4	10,779	1/4	26	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,867	1/2	47,526	1/2	35,193	1/2	22,862	1/2	10,522	1/2	26	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,610	3/4	47,269	3/4	34,936	3/4	22,605	3/4	10,264	3/4	26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	59,353	3	47,012	3	34,679	3	22,348	3	10,007	3	3	3	3	3	3	3	3	3	3
1/4	59,096	1/4	46,755	1/4	34,423	1/4	22,091	1/4	9,750	1/4	3	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,839	1/2	46,498	1/2	34,166	1/2	21,834	1/2	9,493	1/2	3	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,582	3/4	46,241	3/4	33,909	3/4	21,577	3/4	9,236	3/4	3	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	58,325	4	45,984	4	33,653	4	21,320	4	8,979	4	4	4	4	4	4	4	4	4	4
1/4	58,068	1/4	45,727	1/4	33,396	1/4	21,062	1/4	8,722	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,811	1/2	45,470	1/2	33,139	1/2	20,805	1/2	8,465	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,553	3/4	45,212	3/4	32,883	3/4	20,548	3/4	8,208	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	57,296	5	44,955	5	32,626	5	20,291	5	7,951	5	5	5	5	5	5	5	5	5	5
1/4	57,039	1/4	44,698	1/4	32,369	1/4	20,034	1/4	7,694	1/4	5	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,782	1/2	44,441	1/2	32,113	1/2	19,777	1/2	7,436	1/2	5	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,525	3/4	44,184	3/4	31,856	3/4	19,520	3/4	7,179	3/4	5	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	56,268	6	43,927	6	31,599	6	19,263	6	6,922	6	6	6	6	6	6	6	6	6	6
1/4	56,011	1/4	43,670	1/4	31,343	1/4	19,006	1/4	6,665	1/4	6	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,754	1/2	43,413	1/2	31,086	1/2	18,749	1/2	6,409	1/2	6	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,497	3/4	43,156	3/4	30,829	3/4	18,492	3/4	6,152	3/4	6	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	55,240	7	42,898	7	30,573	7	18,234	7	5,895	7	7	7	7	7	7	7	7	7	7
1/4	54,982	1/4	42,641	1/4	30,316	1/4	17,977	1/4	5,638	1/4	7	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,725	1/2	42,384	1/2	30,060	1/2	17,720	1/2	5,382	1/2	7	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,468	3/4	42,127	3/4	29,803	3/4	17,463	3/4	5,125	3/4	7	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	54,211	8	41,870	8	29,546	8	17,206	8	4,869	8	8	8	8	8	8	8	8	8	8
1/4	53,954	1/4	41,613	1/4	29,290	1/4	16,949	1/4	4,613	1/4	8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,697	1/2	41,356	1/2	29,032	1/2	16,692	1/2	4,357	1/2	8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,440	3/4	41,099	3/4	28,775	3/4	16,435	3/4	4,102	3/4	8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	53,183	9	40,842	9	28,518	9	16,178	9	3,846	9	9	9	9	9	9	9	9	9	9
1/4	52,926	1/4	40,585	1/4	28,261	1/4	15,921	1/4	3,591	1/4	9	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,668	1/2	40,327	1/2	28,004	1/2	15,663	1/2	3,337	1/2	9	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,411	3/4	40,070	3/4	27,747	3/4	15,406	3/4	3,083	3/4	9	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	52,154	10	39,813	10	27,490	10	15,149	10	2,829	10	10	10	10	10	10	10	10	10	10
1/4	51,897	1/4	39,556	1/4	27,233	1/4	14,892	1/4	2,574	1/4	10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,640	1/2	39,299	1/2	26,976	1/2	14,635	1/2	2,323	1/2	10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,383	3/4	39,043	3/4	26,719	3/4	14,378	3/4	2,071	3/4	10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	51,126	11	38,786	11	26,462	11	14,121	11	1,819	11	11	11	11	11	11	11	11	11	11
1/4	50,869	1/4	38,529	1/4	26,204	1/4	13,864	1/4	1,567	1/4	11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,612	1/2	38,273	1/2	25,947	1/2	13,607	1/2	1,353	1/2	11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,355	3/4	38,016	3/4	25,690	3/4	13,350	3/4	1,140	3/4	11	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/20/2019 JS
CALCULATED: 05/21/2019 CL
PRINTED: 08/21/2019 CL

CANCELLED AND SUPERCEDED
ALL PRIOR TO 05/20/19

PRECISION MEASUREMENT
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