



BARGE "IB 1907"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 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 "IB 1907"

1 CENTER
ULLAGE T...
E

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 15'-03 1/2"											
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	161,009	0	153,703	0	145,341	0	136,979	0	128,617	0	118,168	0	105,244	0	92,323	0	79,398	0	79,398				
1/4	160,986	1/4	153,529	1/4	145,167	1/4	136,805	1/4	128,442	1/4	117,898	1/4	104,975	1/4	92,054	1/4	79,179	1/4	79,179				
1/2	160,964	1/2	153,355	1/2	144,993	1/2	136,630	1/2	128,268	1/2	117,628	1/2	104,706	1/2	91,785	1/2	78,860	1/2	78,860				
3/4	160,874	3/4	153,181	3/4	144,819	3/4	136,456	3/4	128,094	3/4	117,360	3/4	104,436	3/4	91,516	3/4	78,590	3/4	78,590				
1	160,784	1	153,007	1	144,644	1	136,282	1	127,920	1	117,091	1	104,167	1	91,246	1	78,321	1	78,321				
1/4	160,694	1/4	152,832	1/4	144,470	1/4	136,108	1/4	127,746	1/4	116,821	1/4	103,898	1/4	90,977	1/4	78,052	1/4	78,052				
1/2	160,604	1/2	152,658	1/2	144,296	1/2	135,934	1/2	127,571	1/2	116,552	1/2	103,629	1/2	90,708	1/2	77,783	1/2	77,783				
3/4	160,520	3/4	152,484	3/4	144,122	3/4	135,760	3/4	127,397	3/4	116,284	3/4	103,360	3/4	90,439	3/4	77,513	3/4	77,513				
2	160,435	2	152,310	2	143,947	2	135,585	2	127,223	2	116,014	2	103,091	2	90,169	2	77,244	2	77,244				
1/4	160,351	1/4	152,136	1/4	143,773	1/4	135,411	1/4	127,049	1/4	115,744	1/4	102,822	1/4	89,900	1/4	76,975	1/4	76,975				
1/2	160,267	1/2	151,961	1/2	143,599	1/2	135,237	1/2	126,875	1/2	115,475	1/2	102,553	1/2	89,631	1/2	76,705	1/2	76,705				
3/4	160,185	3/4	151,787	3/4	143,425	3/4	135,063	3/4	126,700	3/4	115,206	3/4	102,284	3/4	89,361	3/4	76,436	3/4	76,436				
3	159,944	3	151,613	3	143,251	3	134,888	3	126,526	3	114,936	3	102,015	3	89,092	3	76,167	3	76,167				
1/4	159,782	1/4	151,439	1/4	143,076	1/4	134,714	1/4	126,352	1/4	114,667	1/4	101,746	1/4	88,823	1/4	75,898	1/4	75,898				
1/2	159,621	1/2	151,264	1/2	142,902	1/2	134,540	1/2	126,178	1/2	114,398	1/2	101,476	1/2	88,554	1/2	75,629	1/2	75,629				
3/4	159,448	3/4	151,090	3/4	142,728	3/4	134,366	3/4	126,004	3/4	114,129	3/4	101,207	3/4	88,284	3/4	75,359	3/4	75,359				
4	159,275	4	150,916	4	142,554	4	134,192	4	125,829	4	113,859	4	100,938	4	88,015	4	75,090	4	75,090				
1/4	159,102	1/4	150,742	1/4	142,380	1/4	134,017	1/4	125,655	1/4	113,590	1/4	100,669	1/4	87,746	1/4	74,821	1/4	74,821				
1/2	158,929	1/2	150,568	1/2	142,205	1/2	133,843	1/2	125,481	1/2	113,321	1/2	100,400	1/2	87,476	1/2	74,551	1/2	74,551				
3/4	158,755	3/4	150,393	3/4	142,031	3/4	133,669	3/4	125,307	3/4	113,052	3/4	100,131	3/4	87,207	3/4	74,282	3/4	74,282				
5	158,581	5	150,219	5	141,857	5	133,495	5	125,134	5	112,782	5	99,862	5	86,938	5	74,013	5	74,013				
1/4	158,407	1/4	150,044	1/4	141,683	1/4	133,320	1/4	124,960	1/4	112,513	1/4	99,593	1/4	86,669	1/4	73,743	1/4	73,743				
1/2	158,233	1/2	149,871	1/2	141,508	1/2	133,146	1/2	124,786	1/2	112,244	1/2	99,324	1/2	86,399	1/2	73,474	1/2	73,474				
3/4	158,059	3/4	149,697	3/4	141,334	3/4	132,972	3/4	124,613	3/4	111,974	3/4	99,055	3/4	86,130	3/4	73,206	3/4	73,206				
6	157,885	6	149,522	6	141,160	6	132,798	6	124,439	6	111,705	6	98,786	6	85,861	6	72,937	6	72,937				
1/4	157,710	1/4	149,348	1/4	140,986	1/4	132,624	1/4	124,265	1/4	111,436	1/4	98,517	1/4	85,592	1/4	72,668	1/4	72,668				
1/2	157,536	1/2	149,174	1/2	140,812	1/2	132,449	1/2	124,092	1/2	111,167	1/2	98,247	1/2	85,322	1/2	72,399	1/2	72,399				
3/4	157,362	3/4	148,000	3/4	140,637	3/4	132,275	3/4	123,918	3/4	110,897	3/4	97,978	3/4	85,053	3/4	72,131	3/4	72,131				
7	157,188	7	148,825	7	140,463	7	132,101	7	123,743	7	110,628	7	97,709	7	84,784	7	71,862	7	71,862				
1/4	157,014	1/4	148,651	1/4	140,289	1/4	131,927	1/4	123,568	1/4	110,359	1/4	97,440	1/4	84,514	1/4	71,593	1/4	71,593				
1/2	156,839	1/2	148,477	1/2	140,115	1/2	131,753	1/2	123,393	1/2	110,089	1/2	97,170	1/2	84,245	1/2	71,325	1/2	71,325				
3/4	156,665	3/4	148,303	3/4	139,941	3/4	131,578	3/4	123,218	3/4	109,820	3/4	96,901	3/4	83,976	3/4	71,056	3/4	71,056				
8	156,491	8	148,129	8	139,766	8	131,404	8	123,043	8	109,551	8	96,632	8	83,707	8	70,787	8	70,787				
1/4	156,317	1/4	147,954	1/4	139,592	1/4	131,230	1/4	122,868	1/4	109,282	1/4	96,363	1/4	83,437	1/4	70,518	1/4	70,518				
1/2	156,142	1/2	147,780	1/2	139,418	1/2	131,056	1/2	122,693	1/2	109,012	1/2	96,093	1/2	83,168	1/2	70,249	1/2	70,249				
3/4	155,968	3/4	147,606	3/4	139,244	3/4	130,881	3/4	122,518	3/4	108,743	3/4	95,824	3/4	82,899	3/4	69,981	3/4	69,981				
9	155,794	9	147,432	9	139,069	9	130,707	9	122,343	9	108,474	9	95,555	9	82,630	9	69,713	9	69,713				
1/4	155,620	1/4	147,258	1/4	138,895	1/4	130,533	1/4	122,168	1/4	108,205	1/4	95,285	1/4	82,360	1/4	69,444	1/4	69,444				
1/2	155,446	1/2	147,083	1/2	138,721	1/2	130,359	1/2	122,000	1/2	107,935	1/2	95,016	1/2	82,091	1/2	69,175	1/2	69,175				
3/4	155,271	3/4	146,909	3/4	138,547	3/4	130,185	3/4	121,826	3/4	107,666	3/4	94,747	3/4	81,822	3/4	68,907	3/4	68,907				
10	155,097	10	146,735	10	138,373	10	130,010	10	121,651	10	107,492	10	94,478	10	81,552	10	68,638	10	68,638				
1/4	154,923	1/4	146,561	1/4	138,198	1/4	129,836	1/4	121,476	1/4	107,317	1/4	94,208	1/4	81,283	1/4	68,369	1/4	68,369				
1/2	154,749	1/2	146,386	1/2	138,024	1/2	129,662	1/2	121,301	1/2	107,142	1/2	93,939	1/2	81,014	1/2	68,100	1/2	68,100				
3/4	154,575	3/4	146,212	3/4	137,850	3/4	129,488	3/4	121,125	3/4	106,968	3/4	93,670	3/4	80,745	3/4	67,831	3/4	67,831				
11	154,400	11	146,038	11	137,676	11	129,314	11	120,950	11	106,793	11	93,401	11	80,475	11	67,562	11	67,562				
1/4	154,226	1/4	145,864	1/4	137,502	1/4	129,139	1/4	120,774	1/4	106,618	1/4	93,131	1/4	80,206	1/4	67,293	1/4	67,293				
1/2	154,052	1/2	145,690	1/2	137,327	1/2	128,965	1/2	120,600	1/2	106,443	1/2	92,862	1/2	79,937	1/2	67,026	1/2	67,026				
3/4	153,878	3/4	145,515	3/4	137,153	3/4	128,791	3/4	120,425	3/4	106,268	3/4	92,593	3/4	79,668	3/4	66,757	3/4	66,757				

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MMPMS 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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY
PRECISION MEASUREMENT & ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
http://www.pmacorp.net



BARGF "IB 1907"

1 CENTER VILLAGE TANK

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	66,489	0	53,576	0	40,668	0	28,004	0	15,076	0	2,172	0		0					
1/4	66,220	1/4	53,307	1/4	40,404	1/4	27,735	1/4	14,807	1/4	1,908	1/4		1/4					
1/2	65,951	1/2	53,038	1/2	40,140	1/2	27,466	1/2	14,537	1/2	1,644	1/2		1/2					
3/4	65,683	3/4	52,769	3/4	39,876	3/4	27,196	3/4	14,268	3/4	1,419	3/4		3/4					
1	65,414	1	52,500	1	39,612	1	26,927	1	13,999	1	1,195	1		1					
1 1/4	65,145	1 1/4	52,231	1 1/4	39,348	1 1/4	26,658	1 1/4	13,729	1 1/4	970	1 1/4		1 1/4					
1 1/2	64,877	1 1/2	51,961	1 1/2	39,084	1 1/2	26,388	1 1/2	13,460	1 1/2	746	1 1/2		1 1/2					
1 3/4	64,608	1 3/4	51,692	1 3/4	38,822	1 3/4	26,119	1 3/4	13,191	1 3/4	611	1 3/4		1 3/4					
2	64,339	2	51,423	2	38,560	2	25,850	2	12,921	2	476	2		2					
2 1/4	64,071	2 1/4	51,154	2 1/4	38,298	2 1/4	25,580	2 1/4	12,652	2 1/4	341	2 1/4		2 1/4					
2 1/2	63,802	2 1/2	50,885	2 1/2	38,036	2 1/2	25,311	2 1/2	12,383	2 1/2	206	2 1/2		2 1/2					
2 3/4	63,533	2 3/4	50,616	2 3/4	37,774	2 3/4	25,042	2 3/4	12,113	2 3/4	161	2 3/4		2 3/4					
3	63,265	3	50,347	3	37,512	3	24,772	3	11,844	3	116	3		3					
3 1/4	62,996	3 1/4	50,077	3 1/4	37,249	3 1/4	24,503	3 1/4	11,575	3 1/4	71	3 1/4		3 1/4					
3 1/2	62,727	3 1/2	49,808	3 1/2	36,987	3 1/2	24,234	3 1/2	11,305	3 1/2	26	3 1/2		3 1/2					
3 3/4	62,458	3 3/4	49,539	3 3/4	36,725	3 3/4	23,964	3 3/4	11,036	3 3/4		3 3/4		3 3/4					
4	62,189	4	49,270	4	36,463	4	23,695	4	10,767	4		4		4					
4 1/4	61,920	4 1/4	49,001	4 1/4	36,201	4 1/4	23,426	4 1/4	10,497	4 1/4		4 1/4		4 1/4					
4 1/2	61,651	4 1/2	48,732	4 1/2	35,939	4 1/2	23,156	4 1/2	10,228	4 1/2		4 1/2		4 1/2					
4 3/4	61,382	4 3/4	48,463	4 3/4	35,677	4 3/4	22,887	4 3/4	9,958	4 3/4		4 3/4		4 3/4					
5	61,112	5	48,193	5	35,415	5	22,618	5	9,689	5		5		5					
5 1/4	60,843	5 1/4	47,924	5 1/4	35,153	5 1/4	22,348	5 1/4	9,419	5 1/4		5 1/4		5 1/4					
5 1/2	60,574	5 1/2	47,655	5 1/2	34,891	5 1/2	22,079	5 1/2	9,150	5 1/2		5 1/2		5 1/2					
5 3/4	60,305	5 3/4	47,386	5 3/4	34,629	5 3/4	21,809	5 3/4	8,880	5 3/4		5 3/4		5 3/4					
6	60,036	6	47,117	6	34,367	6	21,540	6	8,610	6		6		6					
6 1/4	59,767	6 1/4	46,848	6 1/4	34,105	6 1/4	21,271	6 1/4	8,341	6 1/4		6 1/4		6 1/4					
6 1/2	59,497	6 1/2	46,578	6 1/2	33,843	6 1/2	21,001	6 1/2	8,071	6 1/2		6 1/2		6 1/2					
6 3/4	59,228	6 3/4	46,309	6 3/4	33,580	6 3/4	20,732	6 3/4	7,802	6 3/4		6 3/4		6 3/4					
7	58,959	7	46,040	7	33,318	7	20,463	7	7,532	7		7		7					
7 1/4	58,690	7 1/4	45,771	7 1/4	33,056	7 1/4	20,193	7 1/4	7,263	7 1/4		7 1/4		7 1/4					
7 1/2	58,421	7 1/2	45,502	7 1/2	32,794	7 1/2	19,924	7 1/2	6,994	7 1/2		7 1/2		7 1/2					
7 3/4	58,152	7 3/4	45,233	7 3/4	32,532	7 3/4	19,655	7 3/4	6,724	7 3/4		7 3/4		7 3/4					
8	57,883	8	44,964	8	32,270	8	19,385	8	6,455	8		8		8					
8 1/4	57,613	8 1/4	44,694	8 1/4	32,008	8 1/4	19,116	8 1/4	6,186	8 1/4		8 1/4		8 1/4					
8 1/2	57,344	8 1/2	44,425	8 1/2	31,746	8 1/2	18,847	8 1/2	5,916	8 1/2		8 1/2		8 1/2					
8 3/4	57,075	8 3/4	44,156	8 3/4	31,484	8 3/4	18,577	8 3/4	5,647	8 3/4		8 3/4		8 3/4					
9	56,806	9	43,887	9	31,222	9	18,308	9	5,378	9		9		9					
9 1/4	56,537	9 1/4	43,618	9 1/4	30,960	9 1/4	18,039	9 1/4	5,109	9 1/4		9 1/4		9 1/4					
9 1/2	56,268	9 1/2	43,349	9 1/2	30,698	9 1/2	17,769	9 1/2	4,840	9 1/2		9 1/2		9 1/2					
9 3/4	55,999	9 3/4	43,080	9 3/4	30,428	9 3/4	17,500	9 3/4	4,572	9 3/4		9 3/4		9 3/4					
10	55,729	10	42,810	10	30,159	10	17,231	10	4,304	10		10		10					
10 1/4	55,460	10 1/4	42,541	10 1/4	29,890	10 1/4	16,961	10 1/4	4,036	10 1/4		10 1/4		10 1/4					
10 1/2	55,191	10 1/2	42,272	10 1/2	29,620	10 1/2	16,692	10 1/2	3,768	10 1/2		10 1/2		10 1/2					
10 3/4	54,922	10 3/4	42,003	10 3/4	29,351	10 3/4	16,423	10 3/4	3,501	10 3/4		10 3/4		10 3/4					
11	54,653	11	41,734	11	29,082	11	16,153	11	3,234	11		11		11					
11 1/4	54,384	11 1/4	41,465	11 1/4	28,812	11 1/4	15,884	11 1/4	2,968	11 1/4		11 1/4		11 1/4					
11 1/2	54,115	11 1/2	41,196	11 1/2	28,543	11 1/2	15,615	11 1/2	2,701	11 1/2		11 1/2		11 1/2					
11 3/4	53,845	11 3/4	40,932	11 3/4	28,274	11 3/4	15,345	11 3/4	2,437	11 3/4		11 3/4		11 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.
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BARGE "IB 1907"

2 CENTER ULLAGE T, LE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	174,238	0	162,716	0	150,276	0	137,836	0	125,395	0	112,955	0	100,515	0	88,074	0	75,634	
1/4	1/4	174,152	1/4	162,457	1/4	150,017	1/4	137,576	1/4	125,136	1/4	112,696	1/4	100,255	1/4	87,815	1/4	75,375	
1/2	1/2	174,065	1/2	162,198	1/2	149,758	1/2	137,317	1/2	124,877	1/2	112,437	1/2	99,996	1/2	87,556	1/2	75,116	
3/4	3/4	173,979	3/4	161,939	3/4	149,498	3/4	137,058	3/4	124,618	3/4	112,177	3/4	99,737	3/4	87,297	3/4	74,856	
1	1	173,806	1	161,680	1	149,339	1	136,799	1	124,359	1	111,918	1	99,478	1	87,038	1	74,597	
1/4	1/4	173,633	1/4	161,420	1/4	149,180	1/4	136,540	1/4	124,099	1/4	111,659	1/4	99,219	1/4	86,778	1/4	74,338	
1/2	1/2	173,460	1/2	161,161	1/2	148,721	1/2	136,281	1/2	123,840	1/2	111,400	1/2	98,960	1/2	86,519	1/2	74,079	
3/4	3/4	173,288	3/4	160,902	3/4	148,462	3/4	136,021	3/4	123,581	3/4	111,141	3/4	98,700	3/4	86,260	3/4	73,820	
2	2	173,041	2	160,643	2	148,203	2	135,762	2	123,322	2	110,882	2	98,441	2	86,001	2	73,561	
1/4	1/4	172,794	1/4	160,384	1/4	147,943	1/4	135,503	1/4	123,063	1/4	110,622	1/4	98,182	1/4	85,742	1/4	73,301	
1/2	1/2	172,547	1/2	160,124	1/2	147,684	1/2	135,244	1/2	122,804	1/2	110,363	1/2	97,923	1/2	85,483	1/2	73,042	
3/4	3/4	172,300	3/4	159,865	3/4	147,425	3/4	134,985	3/4	122,544	3/4	110,104	3/4	97,664	3/4	85,223	3/4	72,783	
3	3	172,042	3	159,606	3	147,166	3	134,725	3	122,285	3	109,845	3	97,405	3	84,964	3	72,524	
1/4	1/4	171,784	1/4	159,347	1/4	146,907	1/4	134,466	1/4	122,026	1/4	109,586	1/4	97,145	1/4	84,705	1/4	72,265	
1/2	1/2	171,526	1/2	159,088	1/2	146,647	1/2	134,207	1/2	121,767	1/2	109,327	1/2	96,886	1/2	84,446	1/2	72,006	
3/4	3/4	171,268	3/4	158,829	3/4	146,388	3/4	133,948	3/4	121,508	3/4	109,067	3/4	96,627	3/4	84,187	3/4	71,746	
4	4	171,009	4	158,569	4	146,129	4	133,689	4	121,248	4	108,808	4	96,368	4	83,928	4	71,487	
1/4	1/4	170,750	1/4	158,310	1/4	145,870	1/4	133,430	1/4	120,989	1/4	108,549	1/4	96,109	1/4	83,668	1/4	71,228	
1/2	1/2	170,491	1/2	158,051	1/2	145,611	1/2	133,170	1/2	120,730	1/2	108,290	1/2	95,850	1/2	83,409	1/2	70,969	
3/4	3/4	170,232	3/4	157,792	3/4	145,352	3/4	132,911	3/4	120,471	3/4	108,031	3/4	95,590	3/4	83,150	3/4	70,710	
5	5	169,973	5	157,533	5	145,092	5	132,652	5	120,212	5	107,771	5	95,331	5	82,891	5	70,451	
1/4	1/4	169,714	1/4	157,274	1/4	144,833	1/4	132,393	1/4	119,953	1/4	107,512	1/4	95,072	1/4	82,632	1/4	70,191	
1/2	1/2	169,455	1/2	157,014	1/2	144,574	1/2	132,134	1/2	119,693	1/2	107,253	1/2	94,813	1/2	82,373	1/2	69,932	
3/4	3/4	169,196	3/4	156,755	3/4	144,315	3/4	131,875	3/4	119,434	3/4	106,994	3/4	94,554	3/4	82,113	3/4	69,673	
6	6	168,937	6	156,496	6	144,056	6	131,615	6	119,175	6	106,735	6	94,294	6	81,854	6	69,414	
1/4	1/4	168,677	1/4	156,237	1/4	143,797	1/4	131,356	1/4	118,916	1/4	106,476	1/4	94,035	1/4	81,595	1/4	69,155	
1/2	1/2	168,418	1/2	155,978	1/2	143,537	1/2	131,097	1/2	118,657	1/2	106,216	1/2	93,776	1/2	81,336	1/2	68,896	
3/4	3/4	168,159	3/4	155,719	3/4	143,278	3/4	130,838	3/4	118,398	3/4	105,957	3/4	93,517	3/4	81,077	3/4	68,636	
7	7	167,900	7	155,459	7	143,019	7	130,579	7	118,138	7	105,698	7	93,258	7	80,817	7	68,377	
1/4	1/4	167,640	1/4	155,200	1/4	142,760	1/4	130,320	1/4	117,879	1/4	105,439	1/4	92,999	1/4	80,558	1/4	68,118	
1/2	1/2	167,381	1/2	154,941	1/2	142,501	1/2	130,060	1/2	117,620	1/2	105,180	1/2	92,739	1/2	80,299	1/2	67,859	
3/4	3/4	167,122	3/4	154,682	3/4	142,242	3/4	129,801	3/4	117,361	3/4	104,921	3/4	92,480	3/4	80,040	3/4	67,600	
8	8	166,863	8	154,423	8	141,982	8	129,542	8	117,102	8	104,661	8	92,221	8	79,781	8	67,340	
1/4	1/4	166,604	1/4	154,163	1/4	141,723	1/4	129,283	1/4	116,843	1/4	104,402	1/4	91,962	1/4	79,522	1/4	67,081	
1/2	1/2	166,345	1/2	153,904	1/2	141,464	1/2	129,024	1/2	116,583	1/2	104,143	1/2	91,703	1/2	79,262	1/2	66,822	
3/4	3/4	166,085	3/4	153,645	3/4	141,205	3/4	128,765	3/4	116,324	3/4	103,884	3/4	91,444	3/4	79,003	3/4	66,563	
9	9	165,826	9	153,386	9	140,946	9	128,505	9	116,065	9	103,625	9	91,184	9	78,744	9	66,304	
1/4	1/4	165,567	1/4	153,127	1/4	140,686	1/4	128,246	1/4	115,806	1/4	103,366	1/4	90,925	1/4	78,485	1/4	66,045	
1/2	1/2	165,308	1/2	152,868	1/2	140,427	1/2	127,987	1/2	115,547	1/2	103,106	1/2	90,666	1/2	78,226	1/2	65,785	
3/4	3/4	165,049	3/4	152,608	3/4	140,168	3/4	127,728	3/4	115,288	3/4	102,847	3/4	90,407	3/4	77,967	3/4	65,526	
10	10	164,790	10	152,349	10	139,909	10	127,469	10	115,028	10	102,588	10	90,148	10	77,707	10	65,267	
1/4	1/4	164,530	1/4	152,090	1/4	139,650	1/4	127,209	1/4	114,769	1/4	102,329	1/4	89,889	1/4	77,448	1/4	65,008	
1/2	1/2	164,271	1/2	151,831	1/2	139,391	1/2	126,950	1/2	114,510	1/2	102,070	1/2	89,629	1/2	77,189	1/2	64,749	
3/4	3/4	164,012	3/4	151,572	3/4	139,131	3/4	126,691	3/4	114,251	3/4	101,811	3/4	89,370	3/4	76,930	3/4	64,490	
11	11	163,753	11	151,313	11	138,872	11	126,432	11	113,992	11	101,551	11	89,111	11	76,671	11	64,230	
1/4	1/4	163,494	1/4	151,053	1/4	138,613	1/4	126,173	1/4	113,732	1/4	101,292	1/4	88,852	1/4	76,412	1/4	63,971	
1/2	1/2	163,235	1/2	150,794	1/2	138,354	1/2	125,914	1/2	113,473	1/2	101,033	1/2	88,593	1/2	76,152	1/2	63,712	
3/4	3/4	162,975	3/4	150,535	3/4	138,095	3/4	125,654	3/4	113,214	3/4	100,774	3/4	88,333	3/4	75,893	3/4	63,453	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2082

Portland, Texas 77588

http://www.pimacorp.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 1907"

2 CENTER ULLAGE TOWER

CAPACITIES GIVEN IN WHOLE GALLONS

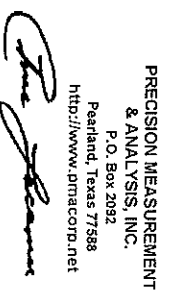
10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	63,194	0	50,753	0	38,348	0	26,156	0	13,716	0	1,364	0	0	0	0	0	0	0	0
1/4	62,935	1/4	50,494	1/4	38,086	1/4	25,897	1/4	13,457	1/4	1,149	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,675	1/2	50,235	1/2	37,827	1/2	25,638	1/2	13,198	1/2	933	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,416	3/4	49,976	3/4	37,562	3/4	25,378	3/4	12,938	3/4	717	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	62,157	1	49,717	1	37,340	1	25,119	1	12,679	1	588	1	1	1	1	1	1	1	1
1/4	61,898	1/4	49,458	1/4	37,088	1/4	24,860	1/4	12,420	1/4	458	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,639	1/2	49,198	1/2	36,835	1/2	24,601	1/2	12,161	1/2	329	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,379	3/4	48,939	3/4	36,583	3/4	24,342	3/4	11,902	3/4	199	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	61,120	2	48,680	2	36,331	2	24,083	2	11,643	2	156	2	2	2	2	2	2	2	2
1/4	60,861	1/4	48,421	1/4	36,079	1/4	23,823	1/4	11,383	1/4	113	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,602	1/2	48,162	1/2	35,827	1/2	23,564	1/2	11,124	1/2	70	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,343	3/4	47,902	3/4	35,575	3/4	23,305	3/4	10,865	3/4	26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	60,084	3	47,643	3	35,323	3	23,046	3	10,606	3	3	3	3	3	3	3	3	3	3
1/4	59,824	1/4	47,384	1/4	35,071	1/4	22,787	1/4	10,347	1/4	3	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,565	1/2	47,125	1/2	34,819	1/2	22,528	1/2	10,088	1/2	3	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,306	3/4	46,866	3/4	34,567	3/4	22,268	3/4	9,829	3/4	3	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	59,047	4	46,607	4	34,315	4	22,009	4	9,569	4	4	4	4	4	4	4	4	4	4
1/4	58,788	1/4	46,347	1/4	34,063	1/4	21,750	1/4	9,310	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,529	1/2	46,088	1/2	33,810	1/2	21,491	1/2	9,051	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,269	3/4	45,829	3/4	33,558	3/4	21,232	3/4	8,792	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	58,010	5	45,570	5	33,306	5	20,973	5	8,533	5	5	5	5	5	5	5	5	5	5
1/4	57,751	1/4	45,311	1/4	33,054	1/4	20,713	1/4	8,274	1/4	5	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,492	1/2	45,052	1/2	32,802	1/2	20,454	1/2	8,014	1/2	5	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,233	3/4	44,792	3/4	32,550	3/4	20,195	3/4	7,755	3/4	5	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	56,974	6	44,533	6	32,298	6	19,936	6	7,496	6	6	6	6	6	6	6	6	6	6
1/4	56,714	1/4	44,274	1/4	32,046	1/4	19,677	1/4	7,237	1/4	6	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,455	1/2	44,015	1/2	31,794	1/2	19,418	1/2	6,978	1/2	6	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,196	3/4	43,756	3/4	31,542	3/4	19,158	3/4	6,719	3/4	6	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	55,937	7	43,497	7	31,290	7	18,899	7	6,460	7	7	7	7	7	7	7	7	7	7
1/4	55,678	1/4	43,237	1/4	31,037	1/4	18,640	1/4	6,201	1/4	7	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,418	1/2	42,978	1/2	30,785	1/2	18,381	1/2	5,942	1/2	7	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,159	3/4	42,719	3/4	30,533	3/4	18,122	3/4	5,683	3/4	7	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	54,900	8	42,460	8	30,281	8	17,863	8	5,425	8	8	8	8	8	8	8	8	8	8
1/4	54,641	1/4	42,201	1/4	30,029	1/4	17,603	1/4	5,166	1/4	8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,382	1/2	41,941	1/2	29,777	1/2	17,344	1/2	4,908	1/2	8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,123	3/4	41,682	3/4	29,525	3/4	17,085	3/4	4,650	3/4	8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	53,863	9	41,423	9	29,266	9	16,826	9	4,392	9	9	9	9	9	9	9	9	9	9
1/4	53,604	1/4	41,164	1/4	29,007	1/4	16,567	1/4	4,135	1/4	9	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,345	1/2	40,905	1/2	28,747	1/2	16,308	1/2	3,877	1/2	9	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,086	3/4	40,646	3/4	28,488	3/4	16,048	3/4	3,619	3/4	9	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	52,827	10	40,386	10	28,229	10	15,789	10	3,363	10	10	10	10	10	10	10	10	10	10
1/4	52,568	1/4	40,127	1/4	27,970	1/4	15,530	1/4	3,107	1/4	10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,308	1/2	39,868	1/2	27,711	1/2	15,271	1/2	2,851	1/2	10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,049	3/4	39,609	3/4	27,452	3/4	15,012	3/4	2,595	3/4	10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	51,790	11	39,357	11	27,192	11	14,753	11	2,341	11	11	11	11	11	11	11	11	11	11
1/4	51,531	1/4	39,105	1/4	26,933	1/4	14,493	1/4	2,087	1/4	11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,272	1/2	38,852	1/2	26,674	1/2	14,234	1/2	1,834	1/2	11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,013	3/4	38,600	3/4	26,415	3/4	13,975	3/4	1,580	3/4	11	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

GAUGE HEIGHT 15'-02 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

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 Pearland, Texas 77588
 http://www.dnacorp.net





BARGE "IB 1907"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	172,875	1/4	172,879	1/4	160,850	1/4	148,770	1/4	136,434	1/4	124,097	1/4	111,761	1/4	99,425	1/4	87,088	1/4	74,752
1/2	1/2	172,618	1/2	160,593	1/2	148,513	1/2	136,433	1/2	124,097	1/2	111,761	1/2	99,425	1/2	87,088	1/2	74,752	1/2	62,416
3/4	3/4	172,447	3/4	160,336	3/4	148,256	3/4	136,176	3/4	123,840	3/4	111,524	3/4	99,188	3/4	86,852	3/4	74,516	3/4	62,180
1	1	172,275	1	160,079	1	147,999	1	135,919	1	123,583	1	111,247	1	98,911	1	86,575	1	74,239	1	61,944
1/4	1/4	172,104	1/4	159,922	1/4	147,845	1/4	135,765	1/4	123,408	1/4	111,072	1/4	98,736	1/4	86,400	1/4	74,096	1/4	61,708
1/2	1/2	171,889	1/2	159,565	1/2	147,228	1/2	134,892	1/2	122,555	1/2	110,736	1/2	98,140	1/2	85,803	1/2	73,457	1/2	61,472
3/4	3/4	171,674	3/4	159,308	3/4	146,971	3/4	134,635	3/4	122,298	3/4	110,298	3/4	97,883	3/4	85,546	3/4	73,210	3/4	61,236
2	2	171,389	2	158,951	2	146,714	2	134,378	2	122,041	2	109,990	2	97,625	2	85,289	2	72,963	2	60,990
1/4	1/4	171,125	1/4	158,794	1/4	146,457	1/4	134,121	1/4	121,784	1/4	109,736	1/4	97,368	1/4	84,975	1/4	72,718	1/4	60,744
1/2	1/2	170,889	1/2	158,537	1/2	146,200	1/2	133,864	1/2	121,527	1/2	109,448	1/2	97,111	1/2	84,715	1/2	72,439	1/2	60,508
3/4	3/4	170,613	3/4	158,280	3/4	145,943	3/4	133,607	3/4	121,270	3/4	109,191	3/4	96,854	3/4	84,458	3/4	72,182	3/4	60,272
3	3	170,357	3	158,023	3	145,686	3	133,350	3	121,013	3	108,934	3	96,597	3	84,201	3	71,925	3	59,988
1/4	1/4	170,101	1/4	157,766	1/4	145,429	1/4	133,093	1/4	120,756	1/4	108,677	1/4	96,340	1/4	83,944	1/4	71,668	1/4	59,744
1/2	1/2	169,844	1/2	157,509	1/2	145,172	1/2	132,836	1/2	120,499	1/2	108,420	1/2	96,083	1/2	83,747	1/2	71,411	1/2	59,500
3/4	3/4	169,588	3/4	157,252	3/4	144,915	3/4	132,579	3/4	120,242	3/4	108,163	3/4	95,826	3/4	83,490	3/4	71,154	3/4	59,256
4	4	169,331	4	156,995	4	144,658	4	132,322	4	119,985	4	107,906	4	95,569	4	83,236	4	70,897	4	59,012
1/4	1/4	169,074	1/4	156,738	1/4	144,401	1/4	132,065	1/4	119,728	1/4	107,649	1/4	95,312	1/4	83,004	1/4	70,640	1/4	58,768
1/2	1/2	168,817	1/2	156,481	1/2	144,144	1/2	131,808	1/2	119,471	1/2	107,392	1/2	95,055	1/2	82,719	1/2	70,383	1/2	58,524
3/4	3/4	168,560	3/4	156,224	3/4	143,887	3/4	131,551	3/4	119,214	3/4	107,135	3/4	94,798	3/4	82,462	3/4	70,125	3/4	58,280
5	5	168,303	5	155,967	5	143,630	5	131,294	5	118,957	5	106,878	5	94,541	5	82,205	5	70,000	5	58,036
1/4	1/4	168,046	1/4	155,710	1/4	143,373	1/4	131,037	1/4	118,700	1/4	106,621	1/4	94,284	1/4	81,948	1/4	69,788	1/4	57,792
1/2	1/2	167,789	1/2	155,453	1/2	143,116	1/2	130,780	1/2	118,443	1/2	106,364	1/2	94,027	1/2	81,691	1/2	69,536	1/2	57,548
3/4	3/4	167,532	3/4	155,196	3/4	142,859	3/4	130,523	3/4	118,186	3/4	106,107	3/4	93,770	3/4	81,434	3/4	69,290	3/4	57,304
6	6	167,275	6	154,939	6	142,602	6	130,266	6	117,929	6	105,853	6	93,513	6	81,177	6	69,036	6	57,060
1/4	1/4	167,018	1/4	154,682	1/4	142,345	1/4	130,009	1/4	117,672	1/4	105,596	1/4	93,256	1/4	80,920	1/4	68,784	1/4	56,816
1/2	1/2	166,761	1/2	154,425	1/2	142,088	1/2	129,752	1/2	117,415	1/2	105,338	1/2	92,999	1/2	80,663	1/2	68,532	1/2	56,572
3/4	3/4	166,504	3/4	154,168	3/4	141,831	3/4	129,495	3/4	117,158	3/4	105,081	3/4	92,742	3/4	80,406	3/4	68,278	3/4	56,328
7	7	166,247	7	153,911	7	141,574	7	129,238	7	116,901	7	104,822	7	92,485	7	80,149	7	68,024	7	56,084
1/4	1/4	165,990	1/4	153,654	1/4	141,317	1/4	128,981	1/4	116,644	1/4	104,565	1/4	92,228	1/4	79,892	1/4	67,780	1/4	55,840
1/2	1/2	165,733	1/2	153,397	1/2	141,060	1/2	128,724	1/2	116,387	1/2	104,308	1/2	91,971	1/2	79,635	1/2	67,526	1/2	55,596
3/4	3/4	165,476	3/4	153,140	3/4	140,803	3/4	128,467	3/4	116,130	3/4	104,051	3/4	91,714	3/4	79,378	3/4	67,282	3/4	55,352
8	8	165,219	8	152,883	8	140,546	8	128,210	8	115,873	8	103,784	8	91,457	8	79,121	8	67,028	8	55,108
1/4	1/4	164,962	1/4	152,626	1/4	140,289	1/4	127,953	1/4	115,616	1/4	103,527	1/4	90,943	1/4	78,864	1/4	66,774	1/4	54,864
1/2	1/2	164,705	1/2	152,369	1/2	140,032	1/2	127,696	1/2	115,359	1/2	103,265	1/2	90,686	1/2	78,610	1/2	66,520	1/2	54,620
3/4	3/4	164,448	3/4	152,111	3/4	139,775	3/4	127,439	3/4	115,102	3/4	102,766	3/4	90,429	3/4	78,356	3/4	66,276	3/4	54,376
9	9	164,191	9	151,854	9	139,518	9	127,182	9	114,845	9	102,509	9	90,172	9	78,103	9	66,032	9	54,132
1/4	1/4	163,934	1/4	151,597	1/4	139,261	1/4	126,925	1/4	114,588	1/4	102,252	1/4	89,915	1/4	77,849	1/4	65,788	1/4	53,888
1/2	1/2	163,677	1/2	151,340	1/2	139,004	1/2	126,668	1/2	114,331	1/2	101,995	1/2	89,658	1/2	77,595	1/2	65,544	1/2	53,644
3/4	3/4	163,420	3/4	151,083	3/4	138,747	3/4	126,411	3/4	114,074	3/4	101,738	3/4	89,401	3/4	77,342	3/4	65,299	3/4	53,400
10	10	163,163	10	150,826	10	138,490	10	126,154	10	113,817	10	101,481	10	89,144	10	77,089	10	65,056	10	53,156
1/4	1/4	162,906	1/4	150,569	1/4	138,233	1/4	125,897	1/4	113,560	1/4	101,224	1/4	88,887	1/4	76,836	1/4	64,812	1/4	52,912
1/2	1/2	162,649	1/2	150,312	1/2	137,976	1/2	125,640	1/2	113,303	1/2	100,967	1/2	88,630	1/2	76,582	1/2	64,568	1/2	52,668
3/4	3/4	162,392	3/4	150,055	3/4	137,719	3/4	125,383	3/4	113,046	3/4	100,710	3/4	88,373	3/4	76,329	3/4	64,324	3/4	52,424
11	11	173,164	11	162,135	11	149,798	11	137,462	11	125,126	11	112,789	11	100,453	11	88,116	11	75,780	11	63,443
1/4	1/4	173,132	1/4	161,878	1/4	149,541	1/4	137,205	1/4	124,868	1/4	112,532	1/4	100,196	1/4	87,859	1/4	75,523	1/4	63,199
1/2	1/2	173,046	1/2	161,621	1/2	149,284	1/2	136,948	1/2	124,611	1/2	112,275	1/2	99,939	1/2	87,602	1/2	75,266	1/2	62,955
3/4	3/4	172,961	3/4	161,364	3/4	149,027	3/4	136,691	3/4	124,354	3/4	112,018	3/4	99,682	3/4	87,345	3/4	75,009	3/4	62,711

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.

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

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MMPS 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 1907"

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	62,415	0	50,079	0	37,745	0	25,424	0	13,088	0	925	0	0	0	0	0	0	0	0
1/4	62,158	1/4	49,822	1/4	37,488	1/4	25,167	1/4	12,831	1/4	712	1/4	0	1/4	0	1/4	0	1/4	0
1/2	61,901	1/2	49,565	1/2	37,232	1/2	24,910	1/2	12,574	1/2	583	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,644	3/4	49,308	3/4	36,975	3/4	24,653	3/4	12,317	3/4	455	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	61,387	1	49,051	1	36,719	1	24,396	1	12,060	1	326	1	1	1	1	1	1	1	1
1/4	61,130	1/4	48,794	1/4	36,462	1/4	24,139	1/4	11,803	1/4	198	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,873	1/2	48,537	1/2	36,206	1/2	23,882	1/2	11,546	1/2	155	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,616	3/4	48,280	3/4	35,949	3/4	23,625	3/4	11,289	3/4	112	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	60,359	2	48,023	2	35,693	2	23,368	2	11,032	2	69	2	2	2	2	2	2	2	2
1/4	60,102	1/4	47,766	1/4	35,436	1/4	23,111	1/4	10,775	1/4	26	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,845	1/2	47,509	1/2	35,179	1/2	22,854	1/2	10,518	1/2	26	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,588	3/4	47,252	3/4	34,923	3/4	22,597	3/4	10,261	3/4	26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	59,331	3	46,995	3	34,666	3	22,340	3	10,004	3	3	3	3	3	3	3	3	3	3
1/4	59,074	1/4	46,738	1/4	34,410	1/4	22,083	1/4	9,747	1/4	3	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,817	1/2	46,481	1/2	34,153	1/2	21,826	1/2	9,490	1/2	3	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,560	3/4	46,224	3/4	33,897	3/4	21,569	3/4	9,233	3/4	3	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	58,303	4	45,967	4	33,640	4	21,312	4	8,976	4	4	4	4	4	4	4	4	4	4
1/4	58,046	1/4	45,710	1/4	33,384	1/4	21,055	1/4	8,719	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,789	1/2	45,453	1/2	33,127	1/2	20,798	1/2	8,462	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,532	3/4	45,196	3/4	32,870	3/4	20,541	3/4	8,205	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	57,275	5	44,939	5	32,614	5	20,284	5	7,948	5	5	5	5	5	5	5	5	5	5
1/4	57,018	1/4	44,682	1/4	32,357	1/4	20,027	1/4	7,691	1/4	5	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,761	1/2	44,425	1/2	32,101	1/2	19,770	1/2	7,434	1/2	5	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,504	3/4	44,168	3/4	31,844	3/4	19,513	3/4	7,177	3/4	5	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	56,247	6	43,911	6	31,588	6	19,256	6	6,920	6	6	6	6	6	6	6	6	6	6
1/4	55,990	1/4	43,654	1/4	31,331	1/4	18,999	1/4	6,663	1/4	6	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,733	1/2	43,397	1/2	31,075	1/2	18,742	1/2	6,406	1/2	6	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,476	3/4	43,140	3/4	30,818	3/4	18,485	3/4	6,149	3/4	6	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	55,219	7	42,882	7	30,561	7	18,228	7	5,893	7	7	7	7	7	7	7	7	7	7
1/4	54,962	1/4	42,625	1/4	30,305	1/4	17,971	1/4	5,636	1/4	7	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,705	1/2	42,368	1/2	30,048	1/2	17,714	1/2	5,380	1/2	7	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,448	3/4	42,111	3/4	29,792	3/4	17,457	3/4	5,124	3/4	7	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	54,191	8	41,854	8	29,535	8	17,200	8	4,867	8	8	8	8	8	8	8	8	8	8
1/4	53,934	1/4	41,597	1/4	29,279	1/4	16,943	1/4	4,611	1/4	8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,677	1/2	41,340	1/2	29,022	1/2	16,686	1/2	4,356	1/2	8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,420	3/4	41,083	3/4	28,765	3/4	16,429	3/4	4,100	3/4	8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	53,163	9	40,826	9	28,508	9	16,172	9	3,845	9	9	9	9	9	9	9	9	9	9
1/4	52,906	1/4	40,569	1/4	28,251	1/4	15,915	1/4	3,590	1/4	9	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,649	1/2	40,312	1/2	27,994	1/2	15,658	1/2	3,332	1/2	9	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,392	3/4	40,055	3/4	27,737	3/4	15,401	3/4	3,082	3/4	9	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	52,135	10	39,798	10	27,480	10	15,144	10	2,827	10	10	10	10	10	10	10	10	10	10
1/4	51,878	1/4	39,541	1/4	27,223	1/4	14,887	1/4	2,573	1/4	10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,621	1/2	39,284	1/2	26,966	1/2	14,630	1/2	2,322	1/2	10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,364	3/4	39,028	3/4	26,709	3/4	14,373	3/4	2,070	3/4	10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	51,107	11	38,771	11	26,452	11	14,116	11	1,818	11	11	11	11	11	11	11	11	11	11
1/4	50,850	1/4	38,514	1/4	26,195	1/4	13,859	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	50,593	1/2	38,258	1/2	25,938	1/2	13,602	1/2	1,315	1/2	11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,336	3/4	38,002	3/4	25,681	3/4	13,345	3/4	1,139	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
 CANCEL S AND SUPERCEDES
 ALL PRIOR TO 05/2019

PRECISION MEASUREMENT
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