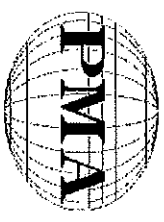


Gallons



BARGE "1B 1913"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
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"

June 14, 2019

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

<http://www.pmacorp.net>



BARGE "B 1913"

1 CENTER ULLAGE TABLE

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	160,772	0	153,172	0	144,820	0	136,468	0	128,115	0	117,489	0	104,581	0	91,675	0	78,766	
1/4	1/4	160,682	1/4	152,998	1/4	144,646	1/4	136,294	1/4	127,941	1/4	117,220	1/4	104,312	1/4	91,406	1/4	78,497	
1/2	1/2	160,592	1/2	152,824	1/2	144,472	1/2	136,119	1/2	127,767	1/2	116,951	1/2	104,043	1/2	91,137	1/2	78,228	
3/4	3/4	160,502	3/4	152,650	3/4	144,298	3/4	135,945	3/4	127,593	3/4	116,682	3/4	103,774	3/4	90,869	3/4	77,959	
1	1	160,412	1	152,476	1	144,124	1	135,771	1	127,419	1	116,413	1	103,506	1	90,600	1	77,690	
1/4	1/4	160,324	1/4	152,302	1/4	143,950	1/4	135,597	1/4	127,245	1/4	116,144	1/4	103,237	1/4	90,331	1/4	77,421	
1/2	1/2	160,244	1/2	152,128	1/2	143,776	1/2	135,423	1/2	127,071	1/2	115,875	1/2	102,968	1/2	90,062	1/2	77,152	
3/4	3/4	160,160	3/4	151,954	3/4	143,602	3/4	135,249	3/4	126,897	3/4	115,606	3/4	102,699	3/4	89,793	3/4	76,883	
2	2	160,076	2	151,780	2	143,428	2	135,075	2	126,723	2	115,337	2	102,430	2	89,524	2	76,614	
1/4	1/4	159,914	1/4	151,606	1/4	143,254	1/4	134,901	1/4	126,549	1/4	115,068	1/4	102,162	1/4	89,255	1/4	76,345	
1/2	1/2	159,753	1/2	151,432	1/2	143,080	1/2	134,727	1/2	126,375	1/2	114,799	1/2	101,893	1/2	88,986	1/2	76,076	
3/4	3/4	159,592	3/4	151,258	3/4	142,906	3/4	134,553	3/4	126,201	3/4	114,530	3/4	101,624	3/4	88,717	3/4	75,807	
3	3	159,430	3	151,084	3	142,732	3	134,379	3	126,027	3	114,261	3	101,355	3	88,448	3	75,538	
1/4	1/4	159,258	1/4	150,910	1/4	142,558	1/4	134,205	1/4	125,853	1/4	113,992	1/4	101,087	1/4	88,179	1/4	75,269	
1/2	1/2	159,085	1/2	150,736	1/2	142,384	1/2	134,031	1/2	125,679	1/2	113,724	1/2	100,818	1/2	87,910	1/2	75,000	
3/4	3/4	158,912	3/4	150,562	3/4	142,210	3/4	133,857	3/4	125,505	3/4	113,455	3/4	100,549	3/4	87,641	3/4	74,731	
4	4	158,739	4	150,388	4	142,036	4	133,683	4	125,331	4	113,186	4	100,280	4	87,372	4	74,462	
1/4	1/4	158,565	1/4	150,214	1/4	141,862	1/4	133,509	1/4	125,158	1/4	112,917	1/4	100,012	1/4	87,103	1/4	74,193	
1/2	1/2	158,392	1/2	150,040	1/2	141,688	1/2	133,335	1/2	124,984	1/2	112,648	1/2	99,743	1/2	86,834	1/2	73,924	
3/4	3/4	158,218	3/4	149,866	3/4	141,514	3/4	133,161	3/4	124,811	3/4	112,379	3/4	99,474	3/4	86,565	3/4	73,655	
5	5	158,044	5	149,692	5	141,340	5	132,987	5	124,638	5	112,110	5	99,205	5	86,296	5	73,387	
1/4	1/4	157,870	1/4	149,518	1/4	141,166	1/4	132,813	1/4	124,464	1/4	111,841	1/4	98,937	1/4	86,027	1/4	73,118	
1/2	1/2	157,696	1/2	149,344	1/2	140,992	1/2	132,639	1/2	124,291	1/2	111,572	1/2	98,668	1/2	85,758	1/2	72,849	
3/4	3/4	157,522	3/4	149,170	3/4	140,818	3/4	132,465	3/4	124,117	3/4	111,303	3/4	98,399	3/4	85,489	3/4	72,581	
6	6	157,348	6	148,996	6	140,644	6	132,291	6	123,944	6	111,034	6	98,130	6	85,220	6	72,312	
1/4	1/4	157,174	1/4	148,822	1/4	140,470	1/4	132,117	1/4	123,770	1/4	110,765	1/4	97,861	1/4	84,952	1/4	72,043	
1/2	1/2	157,000	1/2	148,648	1/2	140,296	1/2	131,943	1/2	123,606	1/2	110,496	1/2	97,592	1/2	84,683	1/2	71,776	
3/4	3/4	156,826	3/4	148,474	3/4	140,122	3/4	131,769	3/4	123,432	3/4	110,227	3/4	97,323	3/4	84,414	3/4	71,508	
7	7	156,652	7	148,300	7	139,948	7	131,595	7	123,258	7	109,958	7	97,054	7	84,145	7	71,240	
1/4	1/4	156,478	1/4	148,126	1/4	139,774	1/4	131,421	1/4	123,084	1/4	109,689	1/4	96,785	1/4	83,876	1/4	70,971	
1/2	1/2	156,304	1/2	147,952	1/2	139,600	1/2	131,247	1/2	122,910	1/2	109,420	1/2	96,517	1/2	83,607	1/2	70,703	
3/4	3/4	156,130	3/4	147,778	3/4	139,426	3/4	131,073	3/4	122,736	3/4	109,151	3/4	96,248	3/4	83,338	3/4	70,435	
8	8	155,956	8	147,604	8	139,252	8	130,899	8	122,562	8	108,882	8	95,979	8	83,069	8	70,166	
1/4	1/4	155,782	1/4	147,430	1/4	139,078	1/4	130,725	1/4	122,388	1/4	108,613	1/4	95,710	1/4	82,800	1/4	69,898	
1/2	1/2	155,608	1/2	147,256	1/2	138,904	1/2	130,551	1/2	122,214	1/2	108,344	1/2	95,441	1/2	82,531	1/2	69,630	
3/4	3/4	155,434	3/4	147,082	3/4	138,730	3/4	130,377	3/4	122,040	3/4	108,075	3/4	95,172	3/4	82,262	3/4	69,361	
9	9	155,260	9	146,908	9	138,556	9	130,203	9	121,866	9	107,807	9	94,903	9	81,993	9	69,093	
1/4	1/4	155,086	1/4	146,734	1/4	138,382	1/4	130,029	1/4	121,692	1/4	107,538	1/4	94,634	1/4	81,724	1/4	68,825	
1/2	1/2	154,912	1/2	146,560	1/2	138,208	1/2	129,855	1/2	121,518	1/2	107,269	1/2	94,365	1/2	81,455	1/2	68,556	
3/4	3/4	154,738	3/4	146,386	3/4	138,034	3/4	129,681	3/4	121,344	3/4	107,000	3/4	94,096	3/4	81,186	3/4	68,288	
10	10	154,564	10	146,212	10	137,860	10	129,507	10	121,170	10	106,731	10	93,827	10	80,917	10	68,019	
1/4	1/4	154,390	1/4	146,038	1/4	137,686	1/4	129,333	1/4	121,000	1/4	106,462	1/4	93,558	1/4	80,648	1/4	67,751	
1/2	1/2	154,216	1/2	145,864	1/2	137,512	1/2	129,159	1/2	120,826	1/2	106,193	1/2	93,289	1/2	80,379	1/2	67,483	
3/4	3/4	154,042	3/4	145,690	3/4	137,338	3/4	128,985	3/4	120,652	3/4	105,924	3/4	93,020	3/4	80,110	3/4	67,214	
11	11	153,868	11	145,516	11	137,164	11	128,811	11	120,478	11	105,655	11	92,751	11	79,841	11	66,946	
1/4	1/4	153,694	1/4	145,342	1/4	136,990	1/4	128,637	1/4	120,304	1/4	105,387	1/4	92,482	1/4	79,572	1/4	66,678	
1/2	1/2	153,520	1/2	145,168	1/2	136,816	1/2	128,463	1/2	120,130	1/2	105,118	1/2	92,213	1/2	79,304	1/2	66,409	
3/4	3/4	153,346	3/4	144,994	3/4	136,642	3/4	128,289	3/4	119,956	3/4	104,849	3/4	91,944	3/4	79,035	3/4	66,141	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092
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http://www.pmaacorp.net

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MIPRS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 3'-03" FORWARD OF AFT BULKHEAD.



BARGE "1B 1913"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

IN	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	65,873	0	52,975	0	40,092	0	27,433	0	14,520	0	1,642	0								
1/4	65,804	1/4	52,706	1/4	39,828	1/4	27,164	1/4	14,251	1/4	1,418	1/4								
1/2	65,336	1/2	52,437	1/2	39,565	1/2	26,895	1/2	13,982	1/2	1,194	1/2								
3/4	65,088	3/4	52,168	3/4	39,301	3/4	26,626	3/4	13,713	3/4	969	3/4								
1	64,799	1	51,899	1	39,037	1	26,357	1	13,444	1	745	1								
1/4	64,531	1/4	51,631	1/4	38,776	1/4	26,088	1/4	13,175	1/4	610	1/4								
1/2	64,263	1/2	51,362	1/2	38,514	1/2	25,819	1/2	12,906	1/2	476	1/2								
3/4	63,994	3/4	51,093	3/4	38,252	3/4	25,550	3/4	12,637	3/4	341	3/4								
2	63,726	2	50,824	2	37,990	2	25,281	2	12,368	2	206	2								
1/4	63,457	1/4	50,555	1/4	37,729	1/4	25,012	1/4	12,099	1/4	161	1/4								
1/2	63,189	1/2	50,286	1/2	37,467	1/2	24,743	1/2	11,830	1/2	116	1/2								
3/4	62,921	3/4	50,018	3/4	37,205	3/4	24,474	3/4	11,561	3/4	71	3/4								
3	62,652	3	49,749	3	36,943	3	24,205	3	11,292	3	26	3								
1/4	62,384	1/4	49,480	1/4	36,682	1/4	23,936	1/4	11,023	1/4		1/4								
1/2	62,115	1/2	49,211	1/2	36,420	1/2	23,667	1/2	10,754	1/2		1/2								
3/4	61,846	3/4	48,942	3/4	36,158	3/4	23,398	3/4	10,485	3/4		3/4								
4	61,577	4	48,674	4	35,896	4	23,129	4	10,216	4		4								
1/4	61,308	1/4	48,405	1/4	35,634	1/4	22,860	1/4	9,946	1/4		1/4								
1/2	61,039	1/2	48,136	1/2	35,373	1/2	22,591	1/2	9,677	1/2		1/2								
3/4	60,771	3/4	47,867	3/4	35,111	3/4	22,322	3/4	9,408	3/4		3/4								
5	60,502	5	47,598	5	34,849	5	22,052	5	9,139	5		5								
1/4	60,233	1/4	47,329	1/4	34,587	1/4	21,783	1/4	8,869	1/4		1/4								
1/2	59,964	1/2	47,061	1/2	34,326	1/2	21,514	1/2	8,600	1/2		1/2								
3/4	59,695	3/4	46,792	3/4	34,064	3/4	21,245	3/4	8,331	3/4		3/4								
6	59,427	6	46,523	6	33,802	6	20,976	6	8,061	6		6								
1/4	59,158	1/4	46,254	1/4	33,540	1/4	20,707	1/4	7,792	1/4		1/4								
1/2	58,889	1/2	45,985	1/2	33,279	1/2	20,438	1/2	7,523	1/2		1/2								
3/4	58,620	3/4	45,716	3/4	33,017	3/4	20,169	3/4	7,254	3/4		3/4								
7	58,351	7	45,448	7	32,755	7	19,900	7	6,985	7		7								
1/4	58,082	1/4	45,179	1/4	32,493	1/4	19,631	1/4	6,716	1/4		1/4								
1/2	57,814	1/2	44,910	1/2	32,232	1/2	19,362	1/2	6,447	1/2		1/2								
3/4	57,545	3/4	44,641	3/4	31,970	3/4	19,093	3/4	6,178	3/4		3/4								
8	57,276	8	44,372	8	31,708	8	18,824	8	5,909	8		8								
1/4	57,007	1/4	44,104	1/4	31,446	1/4	18,555	1/4	5,640	1/4		1/4								
1/2	56,738	1/2	43,835	1/2	31,185	1/2	18,286	1/2	5,372	1/2		1/2								
3/4	56,469	3/4	43,566	3/4	30,923	3/4	18,017	3/4	5,103	3/4		3/4								
9	56,201	9	43,297	9	30,661	9	17,748	9	4,834	9		9								
1/4	55,932	1/4	43,028	1/4	30,392	1/4	17,479	1/4	4,567	1/4		1/4								
1/2	55,663	1/2	42,759	1/2	30,123	1/2	17,210	1/2	4,299	1/2		1/2								
3/4	55,394	3/4	42,491	3/4	29,854	3/4	16,941	3/4	4,031	3/4		3/4								
10	55,125	10	42,222	10	29,585	10	16,672	10	3,763	10		10								
1/4	54,856	1/4	41,953	1/4	29,316	1/4	16,403	1/4	3,497	1/4		1/4								
1/2	54,588	1/2	41,684	1/2	29,047	1/2	16,134	1/2	3,230	1/2		1/2								
3/4	54,319	3/4	41,415	3/4	28,778	3/4	15,865	3/4	2,964	3/4		3/4								
11	54,050	11	41,146	11	28,509	11	15,596	11	2,698	11		11								
1/4	53,781	1/4	40,883	1/4	28,240	1/4	15,327	1/4	2,434	1/4		1/4								
1/2	53,512	1/2	40,619	1/2	27,971	1/2	15,058	1/2	2,170	1/2		1/2								
3/4	53,244	3/4	40,356	3/4	27,702	3/4	14,789	3/4	1,906	3/4		3/4								

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/14/2019 JS
 CALCULATED: 06/14/2019 CL
 PRINTED: 06/14/2019 CL

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

CANCELS AND SUPERCEDES
 ALL PRIOR TO 06/20/19



BARGE "IB 1913"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 15'-02 1/4"											
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	173,719	0	161,875	0	149,459	0	137,044	0	124,628	0	112,213	0	99,797	0	87,382	0	74,966	0	0			
1/4	1/4	173,632	1/4	161,616	1/4	149,201	1/4	136,785	1/4	124,370	1/4	111,954	1/4	99,539	1/4	87,123	1/4	74,707	1/4	1/4			
1/2	1/2	173,460	1/2	161,358	1/2	148,942	1/2	136,527	1/2	124,111	1/2	111,695	1/2	99,280	1/2	86,864	1/2	74,449	1/2	1/2			
3/4	3/4	173,288	3/4	161,099	3/4	148,683	3/4	136,268	3/4	123,852	3/4	111,437	3/4	99,021	3/4	86,606	3/4	74,190	3/4	3/4			
1	1	173,115	1	160,840	1	148,425	1	136,009	1	123,594	1	111,178	1	98,763	1	86,347	1	73,931	1	1			
1 1/4	1 1/4	172,943	1 1/4	160,582	1 1/4	148,166	1 1/4	135,751	1 1/4	123,335	1 1/4	110,919	1 1/4	98,504	1 1/4	86,088	1 1/4	73,673	1 1/4	1 1/4			
1 1/2	1 1/2	172,996	1 1/2	160,334	1 1/2	147,907	1 1/2	135,492	1 1/2	123,076	1 1/2	110,661	1 1/2	98,245	1 1/2	85,830	1 1/2	73,414	1 1/2	1 1/2			
1 3/4	1 3/4	172,450	1 3/4	160,066	1 3/4	147,649	1 3/4	135,233	1 3/4	122,818	1 3/4	110,402	1 3/4	97,987	1 3/4	85,571	1 3/4	73,156	1 3/4	1 3/4			
2	2	172,203	2	159,806	2	147,390	2	134,975	2	122,559	2	110,143	2	97,728	2	85,312	2	72,897	2	2			
2 1/4	2 1/4	171,957	2 1/4	159,547	2 1/4	147,131	2 1/4	134,716	2 1/4	122,300	2 1/4	109,885	2 1/4	97,469	2 1/4	85,054	2 1/4	72,638	2 1/4	2 1/4			
2 1/2	2 1/2	171,699	2 1/2	159,288	2 1/2	146,873	2 1/2	134,457	2 1/2	122,042	2 1/2	109,626	2 1/2	97,211	2 1/2	84,795	2 1/2	72,380	2 1/2	2 1/2			
2 3/4	2 3/4	171,442	2 3/4	159,030	2 3/4	146,614	2 3/4	134,199	2 3/4	121,783	2 3/4	109,368	2 3/4	96,952	2 3/4	84,536	2 3/4	72,121	2 3/4	2 3/4			
3	3	171,184	3	158,771	3	146,355	3	133,940	3	121,524	3	109,109	3	96,693	3	84,278	3	71,862	3	3			
3 1/4	3 1/4	170,927	3 1/4	158,512	3 1/4	146,097	3 1/4	133,681	3 1/4	121,266	3 1/4	108,850	3 1/4	96,435	3 1/4	84,019	3 1/4	71,604	3 1/4	3 1/4			
3 1/2	3 1/2	170,669	3 1/2	158,254	3 1/2	145,838	3 1/2	133,423	3 1/2	121,007	3 1/2	108,592	3 1/2	96,176	3 1/2	83,760	3 1/2	71,345	3 1/2	3 1/2			
3 3/4	3 3/4	170,410	3 3/4	157,995	3 3/4	145,580	3 3/4	133,164	3 3/4	120,748	3 3/4	108,333	3 3/4	95,917	3 3/4	83,502	3 3/4	71,086	3 3/4	3 3/4			
4	4	170,152	4	157,736	4	145,321	4	132,905	4	120,490	4	108,074	4	95,659	4	83,243	4	70,828	4	4			
4 1/4	4 1/4	169,893	4 1/4	157,478	4 1/4	145,062	4 1/4	132,647	4 1/4	120,231	4 1/4	107,816	4 1/4	95,400	4 1/4	82,984	4 1/4	70,569	4 1/4	4 1/4			
4 1/2	4 1/2	169,635	4 1/2	157,219	4 1/2	144,804	4 1/2	132,388	4 1/2	119,972	4 1/2	107,557	4 1/2	95,141	4 1/2	82,726	4 1/2	70,310	4 1/2	4 1/2			
4 3/4	4 3/4	169,376	4 3/4	156,960	4 3/4	144,545	4 3/4	132,129	4 3/4	119,714	4 3/4	107,298	4 3/4	94,883	4 3/4	82,467	4 3/4	70,052	4 3/4	4 3/4			
5	5	169,117	5	156,702	5	144,286	5	131,871	5	119,455	5	107,040	5	94,624	5	82,209	5	69,793	5	5			
5 1/4	5 1/4	168,859	5 1/4	156,443	5 1/4	144,028	5 1/4	131,612	5 1/4	119,196	5 1/4	106,781	5 1/4	94,365	5 1/4	81,950	5 1/4	69,534	5 1/4	5 1/4			
5 1/2	5 1/2	168,600	5 1/2	156,184	5 1/2	143,769	5 1/2	131,353	5 1/2	118,938	5 1/2	106,522	5 1/2	94,107	5 1/2	81,691	5 1/2	69,276	5 1/2	5 1/2			
5 3/4	5 3/4	168,341	5 3/4	155,926	5 3/4	143,510	5 3/4	131,095	5 3/4	118,679	5 3/4	106,264	5 3/4	93,848	5 3/4	81,433	5 3/4	69,017	5 3/4	5 3/4			
6	6	168,083	6	155,667	6	143,252	6	130,836	6	118,421	6	106,006	6	93,589	6	81,174	6	68,758	6	6			
6 1/4	6 1/4	167,824	6 1/4	155,408	6 1/4	142,993	6 1/4	130,577	6 1/4	118,162	6 1/4	105,746	6 1/4	93,331	6 1/4	80,915	6 1/4	68,500	6 1/4	6 1/4			
6 1/2	6 1/2	167,565	6 1/2	155,150	6 1/2	142,734	6 1/2	130,319	6 1/2	117,903	6 1/2	105,488	6 1/2	93,072	6 1/2	80,657	6 1/2	68,241	6 1/2	6 1/2			
6 3/4	6 3/4	167,307	6 3/4	154,891	6 3/4	142,476	6 3/4	130,060	6 3/4	117,645	6 3/4	105,229	6 3/4	92,813	6 3/4	80,398	6 3/4	67,982	6 3/4	6 3/4			
7	7	167,048	7	154,633	7	142,217	7	129,801	7	117,386	7	104,970	7	92,555	7	80,139	7	67,724	7	7			
7 1/4	7 1/4	166,789	7 1/4	154,374	7 1/4	141,958	7 1/4	129,543	7 1/4	117,127	7 1/4	104,712	7 1/4	92,296	7 1/4	79,881	7 1/4	67,465	7 1/4	7 1/4			
7 1/2	7 1/2	166,531	7 1/2	154,115	7 1/2	141,700	7 1/2	129,284	7 1/2	116,869	7 1/2	104,453	7 1/2	92,037	7 1/2	79,622	7 1/2	67,206	7 1/2	7 1/2			
7 3/4	7 3/4	166,272	7 3/4	153,857	7 3/4	141,441	7 3/4	128,925	7 3/4	116,610	7 3/4	104,194	7 3/4	91,779	7 3/4	79,363	7 3/4	66,948	7 3/4	7 3/4			
8	8	166,013	8	153,598	8	141,182	8	128,667	8	116,351	8	103,936	8	91,520	8	79,105	8	66,689	8	8			
8 1/4	8 1/4	165,755	8 1/4	153,339	8 1/4	140,924	8 1/4	128,408	8 1/4	116,093	8 1/4	103,677	8 1/4	91,262	8 1/4	78,846	8 1/4	66,430	8 1/4	8 1/4			
8 1/2	8 1/2	165,496	8 1/2	153,081	8 1/2	140,665	8 1/2	128,149	8 1/2	115,834	8 1/2	103,418	8 1/2	91,003	8 1/2	78,587	8 1/2	66,172	8 1/2	8 1/2			
8 3/4	8 3/4	165,237	8 3/4	152,822	8 3/4	140,406	8 3/4	127,891	8 3/4	115,575	8 3/4	103,159	8 3/4	90,744	8 3/4	78,329	8 3/4	65,913	8 3/4	8 3/4			
9	9	164,979	9	152,563	9	140,148	9	127,632	9	115,317	9	102,901	9	90,486	9	78,070	9	65,654	9	9			
9 1/4	9 1/4	164,720	9 1/4	152,305	9 1/4	139,889	9 1/4	127,374	9 1/4	115,058	9 1/4	102,642	9 1/4	90,227	9 1/4	77,811	9 1/4	65,396	9 1/4	9 1/4			
9 1/2	9 1/2	164,462	9 1/2	152,046	9 1/2	139,630	9 1/2	127,115	9 1/2	114,799	9 1/2	102,384	9 1/2	89,968	9 1/2	77,553	9 1/2	65,137	9 1/2	9 1/2			
9 3/4	9 3/4	164,203	9 3/4	151,787	9 3/4	139,372	9 3/4	126,856	9 3/4	114,541	9 3/4	102,125	9 3/4	89,710	9 3/4	77,294	9 3/4	64,878	9 3/4	9 3/4			
10	10	163,944	10	151,529	10	139,113	10	126,598	10	114,282	10	101,868	10	89,451	10	77,035	10	64,620	10	10			
10 1/4	10 1/4	163,686	10 1/4	151,270	10 1/4	138,854	10 1/4	126,339	10 1/4	114,023	10 1/4	101,609	10 1/4	89,192	10 1/4	76,777	10 1/4	64,361	10 1/4	10 1/4			
10 1/2	10 1/2	163,427	10 1/2	151,011	10 1/2	138,596	10 1/2	126,080	10 1/2	113,765	10 1/2	101,350	10 1/2	88,934	10 1/2	76,518	10 1/2	64,103	10 1/2	10 1/2			
10 3/4	10 3/4	163,168	10 3/4	150,753	10 3/4	138,337	10 3/4	125,822	10 3/4	113,506	10 3/4	101,090	10 3/4	88,675	10 3/4	76,259	10 3/4	63,844	10 3/4	10 3/4			
11	11	162,910	11	150,494	11	138,078	11	125,563	11	113,247	11	100,832	11	88,416	11	76,001	11	63,585	11	11			
11 1/4	11 1/4	162,651	11 1/4	150,235	11 1/4	137,820	11 1/4	125,304	11 1/4	112,989	11 1/4	100,573	11 1/4	88,158	11 1/4	75,742	11 1/4	63,327	11 1/4	11 1/4			
11 1/2	11 1/2	162,392	11 1/2	149,977	11 1/2	137,561	11 1/2	125,046	11 1/2	112,730	11 1/2	100,315	11 1/2	87,899	11 1/2	75,483	11 1/2	63,069	11 1/2	11 1/2			
11 3/4	11 3/4	162,134	11 3/4	149,718	11 3/4	137,302	11 3/4	124,887	11 3/4	112,471	11 3/4	100,056	11 3/4	87,640	11 3/4	75,225	11 3/4	62,809	11 3/4	11 3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmaacorp.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 1913"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	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	62,551	0	50,135	0	37,759	0	25,586	0	13,171	0	931	0		0		0		0		0
1/4	62,292	1/4	49,876	1/4	37,517	1/4	25,328	1/4	12,913	1/4	716	1/4		1/4		1/4		1/4		1/4
1/2	62,033	1/2	49,618	1/2	37,255	1/2	25,069	1/2	12,654	1/2	587	1/2		1/2		1/2		1/2		1/2
3/4	61,775	3/4	49,359	3/4	37,014	3/4	24,811	3/4	12,395	3/4	457	3/4		3/4		3/4		3/4		3/4
1	61,516	1	49,100	1	36,752	1	24,552	1	12,137	1	328	1		1		1		1		1
1/4	61,257	1/4	48,842	1/4	36,511	1/4	24,293	1/4	11,878	1/4	199	1/4		1/4		1/4		1/4		1/4
1/2	60,999	1/2	48,583	1/2	36,259	1/2	24,035	1/2	11,619	1/2	156	1/2		1/2		1/2		1/2		1/2
3/4	60,740	3/4	48,324	3/4	36,007	3/4	23,776	3/4	11,361	3/4	113	3/4		3/4		3/4		3/4		3/4
2	60,481	2	48,066	2	35,756	2	23,517	2	11,102	2	69	2		2		2		2		2
1/4	60,223	1/4	47,807	1/4	35,504	1/4	23,259	1/4	10,844	1/4	26	1/4		1/4		1/4		1/4		1/4
1/2	59,964	1/2	47,548	1/2	35,253	1/2	23,000	1/2	10,585	1/2		1/2		1/2		1/2		1/2		1/2
3/4	59,705	3/4	47,290	3/4	35,001	3/4	22,741	3/4	10,326	3/4		3/4		3/4		3/4		3/4		3/4
3	59,447	3	47,031	3	34,749	3	22,483	3	10,068	3		3		3		3		3		3
1/4	59,188	1/4	46,772	1/4	34,498	1/4	22,224	1/4	9,809	1/4		1/4		1/4		1/4		1/4		1/4
1/2	58,929	1/2	46,514	1/2	34,246	1/2	21,965	1/2	9,550	1/2		1/2		1/2		1/2		1/2		1/2
3/4	58,671	3/4	46,255	3/4	33,995	3/4	21,707	3/4	9,292	3/4		3/4		3/4		3/4		3/4		3/4
4	58,412	4	45,997	4	33,743	4	21,448	4	9,033	4		4		4		4		4		4
1/4	58,153	1/4	45,738	1/4	33,492	1/4	21,189	1/4	8,774	1/4		1/4		1/4		1/4		1/4		1/4
1/2	57,895	1/2	45,479	1/2	33,240	1/2	20,931	1/2	8,516	1/2		1/2		1/2		1/2		1/2		1/2
3/4	57,636	3/4	45,221	3/4	32,988	3/4	20,672	3/4	8,257	3/4		3/4		3/4		3/4		3/4		3/4
5	57,377	5	44,962	5	32,737	5	20,414	5	7,998	5		5		5		5		5		5
1/4	57,119	1/4	44,703	1/4	32,485	1/4	20,155	1/4	7,740	1/4		1/4		1/4		1/4		1/4		1/4
1/2	56,860	1/2	44,445	1/2	32,234	1/2	19,896	1/2	7,481	1/2		1/2		1/2		1/2		1/2		1/2
3/4	56,601	3/4	44,186	3/4	31,982	3/4	19,638	3/4	7,223	3/4		3/4		3/4		3/4		3/4		3/4
6	56,343	6	43,927	6	31,730	6	19,379	6	6,964	6		6		6		6		6		6
1/4	56,084	1/4	43,669	1/4	31,479	1/4	19,120	1/4	6,705	1/4		1/4		1/4		1/4		1/4		1/4
1/2	55,825	1/2	43,410	1/2	31,227	1/2	18,862	1/2	6,447	1/2		1/2		1/2		1/2		1/2		1/2
3/4	55,567	3/4	43,151	3/4	30,976	3/4	18,603	3/4	6,189	3/4		3/4		3/4		3/4		3/4		3/4
7	55,308	7	42,893	7	30,724	7	18,344	7	5,930	7		7		7		7		7		7
1/4	55,050	1/4	42,634	1/4	30,473	1/4	18,086	1/4	5,672	1/4		1/4		1/4		1/4		1/4		1/4
1/2	54,791	1/2	42,375	1/2	30,221	1/2	17,827	1/2	5,414	1/2		1/2		1/2		1/2		1/2		1/2
3/4	54,532	3/4	42,117	3/4	29,969	3/4	17,568	3/4	5,156	3/4		3/4		3/4		3/4		3/4		3/4
8	54,274	8	41,858	8	29,718	8	17,310	8	4,898	8		8		8		8		8		8
1/4	54,015	1/4	41,599	1/4	29,466	1/4	17,051	1/4	4,640	1/4		1/4		1/4		1/4		1/4		1/4
1/2	53,756	1/2	41,341	1/2	29,208	1/2	16,792	1/2	4,383	1/2		1/2		1/2		1/2		1/2		1/2
3/4	53,498	3/4	41,082	3/4	28,949	3/4	16,534	3/4	4,126	3/4		3/4		3/4		3/4		3/4		3/4
9	53,239	9	40,823	9	28,690	9	16,275	9	3,869	9		9		9		9		9		9
1/4	52,980	1/4	40,565	1/4	28,432	1/4	16,016	1/4	3,612	1/4		1/4		1/4		1/4		1/4		1/4
1/2	52,722	1/2	40,306	1/2	28,173	1/2	15,758	1/2	3,357	1/2		1/2		1/2		1/2		1/2		1/2
3/4	52,463	3/4	40,047	3/4	27,914	3/4	15,499	3/4	3,101	3/4		3/4		3/4		3/4		3/4		3/4
10	52,204	10	39,789	10	27,656	10	15,241	10	2,845	10		10		10		10		10		10
1/4	51,946	1/4	39,530	1/4	27,397	1/4	14,982	1/4	2,590	1/4		1/4		1/4		1/4		1/4		1/4
1/2	51,687	1/2	39,272	1/2	27,138	1/2	14,723	1/2	2,337	1/2		1/2		1/2		1/2		1/2		1/2
3/4	51,428	3/4	39,027	3/4	26,880	3/4	14,465	3/4	2,083	3/4		3/4		3/4		3/4		3/4		3/4
11	51,170	11	38,775	11	26,621	11	14,206	11	1,830	11		11		11		11		11		11
1/4	50,911	1/4	38,523	1/4	26,362	1/4	13,947	1/4	1,577	1/4		1/4		1/4		1/4		1/4		1/4
1/2	50,652	1/2	38,272	1/2	26,104	1/2	13,689	1/2	1,362	1/2		1/2		1/2		1/2		1/2		1/2
3/4	50,394	3/4	38,020	3/4	25,845	3/4	13,430	3/4	1,146	3/4		3/4		3/4		3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/14/2019 JS
 CALCULATED: 06/14/2019 CL
 PRINTED: 06/14/2019 CL

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

Tom Brown

CANCEL S AND SUPERCEDS
 ALL PRIOR TO 06/2019



BARGE "IB 1913"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/2"

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	62,661	0	50,327	0	37,995	0	25,676	0	13,342	0	1,139	0	0	0	0	0	0	0	0
1/4	62,404	1/4	50,070	1/4	37,738	1/4	25,419	1/4	13,085	1/4	925	1/4	14	1/4	14	1/4	14	1/4	14
1/2	62,147	1/2	49,813	1/2	37,482	1/2	25,162	1/2	12,828	1/2	711	1/2	14	1/2	14	1/2	14	1/2	14
3/4	61,890	3/4	49,556	3/4	37,225	3/4	24,905	3/4	12,571	3/4	583	3/4	14	3/4	14	3/4	14	3/4	14
1	61,633	1	49,299	1	36,969	1	24,648	1	12,314	1	454	1	14	1	14	1	14	1	14
1/4	61,376	1/4	49,042	1/4	36,712	1/4	24,391	1/4	12,057	1/4	326	1/4	14	1/4	14	1/4	14	1/4	14
1/2	61,119	1/2	48,785	1/2	36,456	1/2	24,134	1/2	11,801	1/2	198	1/2	14	1/2	14	1/2	14	1/2	14
3/4	60,862	3/4	48,528	3/4	36,199	3/4	23,877	3/4	11,544	3/4	155	3/4	14	3/4	14	3/4	14	3/4	14
2	60,605	2	48,271	2	35,943	2	23,620	2	11,287	2	112	2	14	2	14	2	14	2	14
1/4	60,348	1/4	48,014	1/4	35,686	1/4	23,364	1/4	11,030	1/4	69	1/4	14	1/4	14	1/4	14	1/4	14
1/2	60,092	1/2	47,757	1/2	35,430	1/2	23,107	1/2	10,773	1/2	26	1/2	14	1/2	14	1/2	14	1/2	14
3/4	59,835	3/4	47,500	3/4	35,173	3/4	22,850	3/4	10,516	3/4	3	3/4	14	3/4	14	3/4	14	3/4	14
3	59,578	3	47,243	3	34,917	3	22,593	3	10,259	3	3	3	14	3	14	3	14	3	14
1/4	59,321	1/4	46,986	1/4	34,660	1/4	22,336	1/4	10,002	1/4	3	1/4	14	1/4	14	1/4	14	1/4	14
1/2	59,064	1/2	46,729	1/2	34,404	1/2	22,079	1/2	9,745	1/2	3	1/2	14	1/2	14	1/2	14	1/2	14
3/4	58,807	3/4	46,472	3/4	34,147	3/4	21,822	3/4	9,488	3/4	3	3/4	14	3/4	14	3/4	14	3/4	14
4	58,550	4	46,215	4	33,891	4	21,565	4	9,231	4	4	4	14	4	14	4	14	4	14
1/4	58,293	1/4	45,958	1/4	33,634	1/4	21,308	1/4	8,974	1/4	4	1/4	14	1/4	14	1/4	14	1/4	14
1/2	58,036	1/2	45,702	1/2	33,378	1/2	21,051	1/2	8,717	1/2	4	1/2	14	1/2	14	1/2	14	1/2	14
3/4	57,779	3/4	45,445	3/4	33,121	3/4	20,794	3/4	8,460	3/4	4	3/4	14	3/4	14	3/4	14	3/4	14
5	57,522	5	45,188	5	32,865	5	20,537	5	8,203	5	5	5	14	5	14	5	14	5	14
1/4	57,265	1/4	44,931	1/4	32,608	1/4	20,280	1/4	7,946	1/4	5	1/4	14	1/4	14	1/4	14	1/4	14
1/2	57,008	1/2	44,674	1/2	32,352	1/2	20,023	1/2	7,689	1/2	5	1/2	14	1/2	14	1/2	14	1/2	14
3/4	56,751	3/4	44,417	3/4	32,095	3/4	19,766	3/4	7,432	3/4	5	3/4	14	3/4	14	3/4	14	3/4	14
6	56,494	6	44,160	6	31,839	6	19,509	6	7,175	6	6	6	14	6	14	6	14	6	14
1/4	56,237	1/4	43,903	1/4	31,582	1/4	19,252	1/4	6,919	1/4	6	1/4	14	1/4	14	1/4	14	1/4	14
1/2	55,980	1/2	43,646	1/2	31,326	1/2	18,995	1/2	6,662	1/2	6	1/2	14	1/2	14	1/2	14	1/2	14
3/4	55,723	3/4	43,389	3/4	31,069	3/4	18,738	3/4	6,405	3/4	6	3/4	14	3/4	14	3/4	14	3/4	14
7	55,466	7	43,132	7	30,813	7	18,481	7	6,148	7	7	7	14	7	14	7	14	7	14
1/4	55,209	1/4	42,875	1/4	30,556	1/4	18,224	1/4	5,892	1/4	7	1/4	14	1/4	14	1/4	14	1/4	14
1/2	54,952	1/2	42,618	1/2	30,300	1/2	17,967	1/2	5,635	1/2	7	1/2	14	1/2	14	1/2	14	1/2	14
3/4	54,695	3/4	42,361	3/4	30,043	3/4	17,710	3/4	5,379	3/4	7	3/4	14	3/4	14	3/4	14	3/4	14
8	54,438	8	42,104	8	29,786	8	17,454	8	5,123	8	8	8	14	8	14	8	14	8	14
1/4	54,181	1/4	41,847	1/4	29,530	1/4	17,197	1/4	4,866	1/4	8	1/4	14	1/4	14	1/4	14	1/4	14
1/2	53,924	1/2	41,590	1/2	29,273	1/2	16,940	1/2	4,610	1/2	8	1/2	14	1/2	14	1/2	14	1/2	14
3/4	53,667	3/4	41,333	3/4	29,017	3/4	16,683	3/4	4,355	3/4	8	3/4	14	3/4	14	3/4	14	3/4	14
9	53,410	9	41,076	9	28,760	9	16,426	9	4,100	9	9	9	14	9	14	9	14	9	14
1/4	53,153	1/4	40,819	1/4	28,503	1/4	16,169	1/4	3,844	1/4	9	1/4	14	1/4	14	1/4	14	1/4	14
1/2	52,897	1/2	40,562	1/2	28,246	1/2	15,912	1/2	3,589	1/2	9	1/2	14	1/2	14	1/2	14	1/2	14
3/4	52,640	3/4	40,305	3/4	27,989	3/4	15,655	3/4	3,335	3/4	9	3/4	14	3/4	14	3/4	14	3/4	14
10	52,383	10	40,048	10	27,732	10	15,398	10	3,081	10	10	10	14	10	14	10	14	10	14
1/4	52,126	1/4	39,791	1/4	27,475	1/4	15,141	1/4	2,827	1/4	10	1/4	14	1/4	14	1/4	14	1/4	14
1/2	51,869	1/2	39,534	1/2	27,218	1/2	14,884	1/2	2,573	1/2	10	1/2	14	1/2	14	1/2	14	1/2	14
3/4	51,612	3/4	39,278	3/4	26,961	3/4	14,627	3/4	2,321	3/4	10	3/4	14	3/4	14	3/4	14	3/4	14
11	51,355	11	39,021	11	26,704	11	14,370	11	2,070	11	11	11	14	11	14	11	14	11	14
1/4	51,098	1/4	38,765	1/4	26,447	1/4	14,113	1/4	1,818	1/4	11	1/4	14	1/4	14	1/4	14	1/4	14
1/2	50,841	1/2	38,508	1/2	26,190	1/2	13,856	1/2	1,566	1/2	11	1/2	14	1/2	14	1/2	14	1/2	14
3/4	50,584	3/4	38,252	3/4	25,933	3/4	13,599	3/4	1,353	3/4	11	3/4	14	3/4	14	3/4	14	3/4	14

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/14/2019 JS
 CALCULATED: 06/14/2019 CL
 PRINTED: 06/14/2019 CL

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

CANCELLED AND SUPERCEDES
 ALL PRIOR TO 06/20/19