



## BARGE "IB 1902"

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"

April 26, 2019

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

<http://www.pmacorp.net>



# BARGE "IB 1902"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	160,910	0	153,304	0	144,945	0	136,585	0	128,226	0	117,590	0	104,671	0	91,754	0	78,834	
1/4	1/4	160,820	1/4	153,130	1/4	144,770	1/4	136,411	1/4	128,051	1/4	117,321	1/4	104,402	1/4	91,485	1/4	78,564	
1/2	1/2	160,730	1/2	152,956	1/2	144,596	1/2	136,237	1/2	127,877	1/2	117,052	1/2	104,133	1/2	91,216	1/2	78,295	
3/4	3/4	160,640	3/4	152,782	3/4	144,422	3/4	136,063	3/4	127,703	3/4	116,783	3/4	103,864	3/4	90,947	3/4	78,026	
1	1	160,550	1	152,607	1	144,248	1	135,888	1	127,529	1	116,513	1	103,585	1	90,678	1	77,757	
1/4	1/4	160,466	1/4	152,433	1/4	144,074	1/4	135,714	1/4	127,355	1/4	116,244	1/4	103,326	1/4	90,409	1/4	77,488	
1/2	1/2	160,382	1/2	152,259	1/2	143,900	1/2	135,540	1/2	127,181	1/2	115,975	1/2	103,057	1/2	90,139	1/2	77,218	
3/4	3/4	160,298	3/4	152,085	3/4	143,725	3/4	135,366	3/4	127,007	3/4	115,706	3/4	102,788	3/4	89,870	3/4	76,949	
2	2	160,213	2	151,911	2	143,551	2	135,192	2	126,832	2	115,437	2	102,519	2	89,601	2	76,680	
1/4	1/4	160,052	1/4	151,737	1/4	143,377	1/4	135,018	1/4	126,658	1/4	115,167	1/4	102,250	1/4	89,332	1/4	76,411	
1/2	1/2	159,891	1/2	151,562	1/2	143,203	1/2	134,844	1/2	126,484	1/2	114,898	1/2	101,981	1/2	89,063	1/2	76,142	
3/4	3/4	159,729	3/4	151,388	3/4	143,029	3/4	134,669	3/4	126,310	3/4	114,629	3/4	101,712	3/4	88,793	3/4	75,873	
3	3	159,568	3	151,214	3	142,855	3	134,495	3	126,136	3	114,360	3	101,443	3	88,524	3	75,603	
1/4	1/4	159,395	1/4	151,040	1/4	142,681	1/4	134,321	1/4	125,962	1/4	114,091	1/4	101,174	1/4	88,255	1/4	75,334	
1/2	1/2	159,222	1/2	150,866	1/2	142,506	1/2	134,147	1/2	125,788	1/2	113,822	1/2	100,905	1/2	87,986	1/2	75,065	
3/4	3/4	159,049	3/4	150,692	3/4	142,332	3/4	133,973	3/4	125,613	3/4	113,552	3/4	100,636	3/4	87,717	3/4	74,796	
4	4	158,876	4	150,518	4	142,158	4	133,799	4	125,439	4	113,283	4	100,367	4	87,447	4	74,527	
1/4	1/4	158,702	1/4	150,343	1/4	141,984	1/4	133,624	1/4	125,266	1/4	113,014	1/4	100,098	1/4	87,178	1/4	74,257	
1/2	1/2	158,528	1/2	150,169	1/2	141,810	1/2	133,450	1/2	125,092	1/2	112,745	1/2	99,829	1/2	86,909	1/2	73,988	
3/4	3/4	158,354	3/4	149,995	3/4	141,636	3/4	133,276	3/4	124,919	3/4	112,476	3/4	99,560	3/4	86,640	3/4	73,719	
5	5	158,180	5	149,821	5	141,461	5	133,102	5	124,745	5	112,206	5	99,291	5	86,371	5	73,450	
1/4	1/4	158,006	1/4	149,647	1/4	141,287	1/4	132,928	1/4	124,571	1/4	111,937	1/4	99,022	1/4	86,102	1/4	73,181	
1/2	1/2	157,832	1/2	149,473	1/2	141,113	1/2	132,754	1/2	124,398	1/2	111,668	1/2	98,753	1/2	85,833	1/2	72,912	
3/4	3/4	157,658	3/4	149,298	3/4	140,939	3/4	132,580	3/4	124,224	3/4	111,399	3/4	98,484	3/4	85,563	3/4	72,644	
6	6	157,484	6	149,124	6	140,765	6	132,405	6	124,051	6	111,130	6	98,215	6	85,294	6	72,375	
1/4	1/4	157,310	1/4	148,950	1/4	140,591	1/4	132,231	1/4	123,781	1/4	110,860	1/4	97,946	1/4	85,025	1/4	72,107	
1/2	1/2	157,135	1/2	148,776	1/2	140,417	1/2	132,057	1/2	123,612	1/2	110,591	1/2	97,677	1/2	84,756	1/2	71,838	
3/4	3/4	156,961	3/4	148,602	3/4	140,242	3/4	131,883	3/4	123,243	3/4	110,322	3/4	97,407	3/4	84,486	3/4	71,570	
7	7	156,787	7	148,428	7	140,068	7	131,709	7	122,974	7	110,053	7	97,138	7	84,217	7	71,301	
1/4	1/4	156,613	1/4	148,254	1/4	139,894	1/4	131,535	1/4	122,705	1/4	109,784	1/4	96,869	1/4	83,948	1/4	71,033	
1/2	1/2	156,439	1/2	148,079	1/2	139,720	1/2	131,360	1/2	122,435	1/2	109,515	1/2	96,600	1/2	83,679	1/2	70,764	
3/4	3/4	156,265	3/4	147,905	3/4	139,546	3/4	131,186	3/4	122,166	3/4	109,245	3/4	96,331	3/4	83,410	3/4	70,495	
8	8	156,091	8	147,731	8	139,372	8	131,012	8	121,897	8	108,976	8	96,061	8	83,141	8	70,227	
1/4	1/4	155,916	1/4	147,557	1/4	139,197	1/4	130,838	1/4	121,628	1/4	108,707	1/4	95,792	1/4	82,871	1/4	69,958	
1/2	1/2	155,742	1/2	147,383	1/2	139,023	1/2	130,664	1/2	121,359	1/2	108,438	1/2	95,523	1/2	82,602	1/2	69,690	
3/4	3/4	155,568	3/4	147,209	3/4	138,849	3/4	130,490	3/4	121,090	3/4	108,169	3/4	95,254	3/4	82,333	3/4	69,421	
9	9	155,394	9	147,034	9	138,675	9	130,315	9	120,820	9	107,899	9	94,985	9	82,064	9	69,153	
1/4	1/4	155,220	1/4	146,860	1/4	138,501	1/4	130,141	1/4	120,551	1/4	107,630	1/4	94,715	1/4	81,795	1/4	68,884	
1/2	1/2	155,046	1/2	146,686	1/2	138,327	1/2	129,967	1/2	120,282	1/2	107,361	1/2	94,446	1/2	81,525	1/2	68,615	
3/4	3/4	154,871	3/4	146,512	3/4	138,152	3/4	129,793	3/4	120,013	3/4	107,092	3/4	94,177	3/4	81,256	3/4	68,347	
10	10	154,697	10	146,338	10	137,978	10	129,619	10	119,744	10	106,823	10	93,908	10	80,987	10	68,078	
1/4	1/4	154,523	1/4	146,164	1/4	137,804	1/4	129,445	1/4	119,474	1/4	106,554	1/4	93,639	1/4	80,718	1/4	67,810	
1/2	1/2	154,349	1/2	145,990	1/2	137,630	1/2	129,271	1/2	119,205	1/2	106,285	1/2	93,370	1/2	80,449	1/2	67,541	
3/4	3/4	154,175	3/4	145,815	3/4	137,456	3/4	129,096	3/4	118,936	3/4	106,016	3/4	93,100	3/4	80,179	3/4	67,272	
11	11	154,001	11	145,641	11	137,282	11	128,922	11	118,667	11	105,747	11	92,831	11	79,910	11	67,004	
1/4	1/4	153,827	1/4	145,467	1/4	137,108	1/4	128,748	1/4	118,398	1/4	105,478	1/4	92,562	1/4	79,641	1/4	66,735	
1/2	1/2	153,652	1/2	145,293	1/2	136,933	1/2	128,574	1/2	118,128	1/2	105,209	1/2	92,293	1/2	79,372	1/2	66,467	
3/4	3/4	153,478	3/4	145,119	3/4	136,759	3/4	128,400	3/4	117,859	3/4	104,940	3/4	92,024	3/4	79,103	3/4	66,198	

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2082  
 Pearland, Texas 77588  
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# BARGE "IB 1902"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

	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	IN
0	65,930	0	53,020	0	40,127	0	27,457	0	14,533	0	1,644	0		0		0		0		0
1/4	65,661	1/4	52,751	1/4	39,863	1/4	27,187	1/4	14,263	1/4	1,419	1/4			1/4		1/4		1/4	
1/2	65,392	1/2	52,482	1/2	39,599	1/2	26,918	1/2	13,994	1/2	1,195	1/2			1/2		1/2		1/2	
3/4	65,124	3/4	52,213	3/4	39,335	3/4	26,649	3/4	13,725	3/4	970	3/4			3/4		3/4		3/4	
1	64,855	1	51,944	1	39,071	1	26,380	1	13,456	1	746	1			1		1		1	
1 1/4	64,587	1 1/4	51,675	1 1/4	38,809	1 1/4	26,110	1 1/4	13,186	1 1/4	611	1 1/4			1 1/4		1 1/4		1 1/4	
1 1/2	64,318	1 1/2	51,406	1 1/2	38,547	1 1/2	25,841	1 1/2	12,917	1 1/2	476	1 1/2			1 1/2		1 1/2		1 1/2	
1 3/4	64,049	1 3/4	51,137	1 3/4	38,285	1 3/4	25,572	1 3/4	12,648	1 3/4	341	1 3/4			1 3/4		1 3/4		1 3/4	
2	63,781	2	50,868	2	38,023	2	25,303	2	12,379	2	206	2			2		2		2	
2 1/4	63,512	2 1/4	50,599	2 1/4	37,761	2 1/4	25,033	2 1/4	12,109	2 1/4	162	2 1/4			2 1/4		2 1/4		2 1/4	
2 1/2	63,244	2 1/2	50,330	2 1/2	37,499	2 1/2	24,764	2 1/2	11,840	2 1/2	117	2 1/2			2 1/2		2 1/2		2 1/2	
2 3/4	62,975	2 3/4	50,061	2 3/4	37,237	2 3/4	24,495	2 3/4	11,571	2 3/4	72	2 3/4			2 3/4		2 3/4		2 3/4	
3	62,707	3	49,792	3	36,975	3	24,226	3	11,302	3	26	3			3		3		3	
3 1/4	62,437	3 1/4	49,523	3 1/4	36,713	3 1/4	23,956	3 1/4	11,032	3 1/4		3 1/4			3 1/4		3 1/4		3 1/4	
3 1/2	62,168	3 1/2	49,254	3 1/2	36,451	3 1/2	23,687	3 1/2	10,763	3 1/2		3 1/2			3 1/2		3 1/2		3 1/2	
3 3/4	61,899	3 3/4	48,985	3 3/4	36,189	3 3/4	23,418	3 3/4	10,494	3 3/4		3 3/4			3 3/4		3 3/4		3 3/4	
4	61,630	4	48,716	4	35,927	4	23,149	4	10,225	4		4			4		4		4	
4 1/4	61,361	4 1/4	48,447	4 1/4	35,665	4 1/4	22,879	4 1/4	9,955	4 1/4		4 1/4			4 1/4		4 1/4		4 1/4	
4 1/2	61,092	4 1/2	48,177	4 1/2	35,403	4 1/2	22,610	4 1/2	9,686	4 1/2		4 1/2			4 1/2		4 1/2		4 1/2	
4 3/4	60,823	4 3/4	47,908	4 3/4	35,141	4 3/4	22,341	4 3/4	9,416	4 3/4		4 3/4			4 3/4		4 3/4		4 3/4	
5	60,554	5	47,639	5	34,879	5	22,072	5	9,147	5		5			5		5		5	
5 1/4	60,285	5 1/4	47,370	5 1/4	34,617	5 1/4	21,802	5 1/4	8,877	5 1/4		5 1/4			5 1/4		5 1/4		5 1/4	
5 1/2	60,016	5 1/2	47,101	5 1/2	34,355	5 1/2	21,533	5 1/2	8,608	5 1/2		5 1/2			5 1/2		5 1/2		5 1/2	
5 3/4	59,747	5 3/4	46,832	5 3/4	34,093	5 3/4	21,264	5 3/4	8,338	5 3/4		5 3/4			5 3/4		5 3/4		5 3/4	
6	59,478	6	46,563	6	33,831	6	20,995	6	8,069	6		6			6		6		6	
6 1/4	59,209	6 1/4	46,294	6 1/4	33,569	6 1/4	20,725	6 1/4	7,799	6 1/4		6 1/4			6 1/4		6 1/4		6 1/4	
6 1/2	58,940	6 1/2	46,025	6 1/2	33,307	6 1/2	20,456	6 1/2	7,530	6 1/2		6 1/2			6 1/2		6 1/2		6 1/2	
6 3/4	58,671	6 3/4	45,756	6 3/4	33,045	6 3/4	20,187	6 3/4	7,261	6 3/4		6 3/4			6 3/4		6 3/4		6 3/4	
7	58,402	7	45,487	7	32,784	7	19,918	7	6,991	7		7			7		7		7	
7 1/4	58,133	7 1/4	45,218	7 1/4	32,522	7 1/4	19,648	7 1/4	6,722	7 1/4		7 1/4			7 1/4		7 1/4		7 1/4	
7 1/2	57,864	7 1/2	44,949	7 1/2	32,260	7 1/2	19,379	7 1/2	6,453	7 1/2		7 1/2			7 1/2		7 1/2		7 1/2	
7 3/4	57,594	7 3/4	44,680	7 3/4	31,998	7 3/4	19,110	7 3/4	6,184	7 3/4		7 3/4			7 3/4		7 3/4		7 3/4	
8	57,325	8	44,411	8	31,736	8	18,841	8	5,914	8		8			8		8		8	
8 1/4	57,056	8 1/4	44,142	8 1/4	31,474	8 1/4	18,571	8 1/4	5,646	8 1/4		8 1/4			8 1/4		8 1/4		8 1/4	
8 1/2	56,787	8 1/2	43,873	8 1/2	31,212	8 1/2	18,302	8 1/2	5,377	8 1/2		8 1/2			8 1/2		8 1/2		8 1/2	
8 3/4	56,518	8 3/4	43,604	8 3/4	30,950	8 3/4	18,033	8 3/4	5,108	8 3/4		8 3/4			8 3/4		8 3/4		8 3/4	
9	56,249	9	43,334	9	30,688	9	17,764	9	4,839	9		9			9		9		9	
9 1/4	55,980	9 1/4	43,065	9 1/4	30,418	9 1/4	17,494	9 1/4	4,571	9 1/4		9 1/4			9 1/4		9 1/4		9 1/4	
9 1/2	55,711	9 1/2	42,796	9 1/2	30,149	9 1/2	17,225	9 1/2	4,303	9 1/2		9 1/2			9 1/2		9 1/2		9 1/2	
9 3/4	55,442	9 3/4	42,527	9 3/4	29,880	9 3/4	16,956	9 3/4	4,035	9 3/4		9 3/4			9 3/4		9 3/4		9 3/4	
10	55,173	10	42,258	10	29,611	10	16,687	10	3,767	10		10			10		10		10	
10 1/4	54,904	10 1/4	41,989	10 1/4	29,341	10 1/4	16,417	10 1/4	3,500	10 1/4		10 1/4			10 1/4		10 1/4		10 1/4	
10 1/2	54,635	10 1/2	41,720	10 1/2	29,072	10 1/2	16,148	10 1/2	3,233	10 1/2		10 1/2			10 1/2		10 1/2		10 1/2	
10 3/4	54,366	10 3/4	41,451	10 3/4	28,803	10 3/4	15,879	10 3/4	2,967	10 3/4		10 3/4			10 3/4		10 3/4		10 3/4	
11	54,097	11	41,182	11	28,534	11	15,610	11	2,700	11		11			11		11		11	
11 1/4	53,828	11 1/4	40,918	11 1/4	28,264	11 1/4	15,340	11 1/4	2,436	11 1/4		11 1/4			11 1/4		11 1/4		11 1/4	
11 1/2	53,559	11 1/2	40,654	11 1/2	27,995	11 1/2	15,071	11 1/2	2,172	11 1/2		11 1/2			11 1/2		11 1/2		11 1/2	
11 3/4	53,290	11 3/4	40,390	11 3/4	27,726	11 3/4	14,802	11 3/4	1,908	11 3/4		11 3/4			11 3/4		11 3/4		11 3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2019 CL  
CALCULATED: 04/28/2019 CL  
PRINTED: 04/26/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "IB 1902"

## 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	174,148	0	162,275	0	149,829	0	137,383	0	124,937	0	112,490	0	100,044	0	87,598	0	75,152		
1/4	1/4	174,062	1/4	162,016	1/4	149,570	1/4	137,124	1/4	124,677	1/4	112,231	1/4	99,785	1/4	87,339	1/4	74,892		
1/2	1/2	173,889	1/2	161,757	1/2	149,311	1/2	136,864	1/2	124,418	1/2	111,972	1/2	99,526	1/2	87,079	1/2	74,633		
3/4	3/4	173,716	3/4	161,498	3/4	149,051	3/4	136,605	3/4	124,159	3/4	111,713	3/4	99,286	3/4	86,820	3/4	74,374		
1	1	173,543	1	161,238	1	148,792	1	136,346	1	123,900	1	111,453	1	99,007	1	86,561	1	74,115		
1/4	1/4	173,371	1/4	160,979	1/4	148,533	1/4	136,086	1/4	123,640	1/4	111,194	1/4	98,748	1/4	86,301	1/4	73,855		
1/2	1/2	173,124	1/2	160,720	1/2	148,273	1/2	135,827	1/2	123,381	1/2	110,935	1/2	98,488	1/2	86,042	1/2	73,598		
3/4	3/4	172,876	3/4	160,460	3/4	148,014	3/4	135,568	3/4	123,122	3/4	110,675	3/4	98,229	3/4	85,783	3/4	73,337		
2	2	172,629	2	160,201	2	147,755	2	135,309	2	122,862	2	110,416	2	97,970	2	85,524	2	73,077		
1/4	1/4	172,382	1/4	159,942	1/4	147,496	1/4	135,049	1/4	122,603	1/4	110,157	1/4	97,711	1/4	85,264	1/4	72,818		
1/2	1/2	172,124	1/2	159,682	1/2	147,236	1/2	134,790	1/2	122,344	1/2	109,897	1/2	97,451	1/2	85,005	1/2	72,559		
3/4	3/4	171,866	3/4	159,423	3/4	146,977	3/4	134,531	3/4	122,084	3/4	109,638	3/4	97,192	3/4	84,746	3/4	72,299		
3	3	171,608	3	159,164	3	146,718	3	134,271	3	121,825	3	109,379	3	96,933	3	84,486	3	72,040		
1/4	1/4	171,350	1/4	158,905	1/4	146,458	1/4	134,012	1/4	121,566	1/4	109,120	1/4	96,673	1/4	84,227	1/4	71,781		
1/2	1/2	171,091	1/2	158,645	1/2	146,199	1/2	133,753	1/2	121,307	1/2	108,860	1/2	96,414	1/2	83,968	1/2	71,522		
3/4	3/4	170,832	3/4	158,386	3/4	145,940	3/4	133,494	3/4	121,047	3/4	108,601	3/4	96,155	3/4	83,708	3/4	71,263		
4	4	170,573	4	158,127	4	145,680	4	133,234	4	120,788	4	108,342	4	95,895	4	83,449	4	71,002		
1/4	1/4	170,314	1/4	157,867	1/4	145,421	1/4	132,975	1/4	120,529	1/4	108,082	1/4	95,636	1/4	83,190	1/4	70,744		
1/2	1/2	170,054	1/2	157,608	1/2	145,162	1/2	132,716	1/2	120,269	1/2	107,823	1/2	95,377	1/2	82,931	1/2	70,485		
3/4	3/4	169,795	3/4	157,349	3/4	144,903	3/4	132,456	3/4	120,010	3/4	107,564	3/4	95,118	3/4	82,671	3/4	70,225		
5	5	169,536	5	157,090	5	144,643	5	132,197	5	119,751	5	107,305	5	94,858	5	82,412	5	69,966		
1/4	1/4	169,276	1/4	156,830	1/4	144,384	1/4	131,938	1/4	119,491	1/4	107,045	1/4	94,599	1/4	82,153	1/4	69,706		
1/2	1/2	169,017	1/2	156,571	1/2	144,125	1/2	131,678	1/2	119,232	1/2	106,786	1/2	94,340	1/2	81,893	1/2	69,447		
3/4	3/4	168,758	3/4	156,312	3/4	143,865	3/4	131,419	3/4	118,973	3/4	106,527	3/4	94,080	3/4	81,634	3/4	69,188		
6	6	168,499	6	156,052	6	143,606	6	131,160	6	118,714	6	106,267	6	93,821	6	81,375	6	68,929		
1/4	1/4	168,239	1/4	155,793	1/4	143,347	1/4	130,901	1/4	118,454	1/4	106,008	1/4	93,562	1/4	81,116	1/4	68,669		
1/2	1/2	167,980	1/2	155,534	1/2	143,087	1/2	130,641	1/2	118,195	1/2	105,749	1/2	93,302	1/2	80,856	1/2	68,410		
3/4	3/4	167,721	3/4	155,274	3/4	142,828	3/4	130,382	3/4	117,936	3/4	105,489	3/4	93,043	3/4	80,597	3/4	68,151		
7	7	167,461	7	155,015	7	142,569	7	130,123	7	117,676	7	105,230	7	92,784	7	80,338	7	67,891		
1/4	1/4	167,202	1/4	154,756	1/4	142,310	1/4	129,863	1/4	117,417	1/4	104,971	1/4	92,525	1/4	80,078	1/4	67,632		
1/2	1/2	166,943	1/2	154,497	1/2	142,050	1/2	129,604	1/2	117,158	1/2	104,712	1/2	92,265	1/2	79,819	1/2	67,373		
3/4	3/4	166,684	3/4	154,237	3/4	141,791	3/4	129,345	3/4	116,899	3/4	104,452	3/4	92,006	3/4	79,560	3/4	67,113		
8	8	166,424	8	153,976	8	141,532	8	129,085	8	116,639	8	104,193	8	91,747	8	79,300	8	66,854		
1/4	1/4	166,165	1/4	153,719	1/4	141,272	1/4	128,826	1/4	116,380	1/4	103,934	1/4	91,487	1/4	79,041	1/4	66,595		
1/2	1/2	165,906	1/2	153,459	1/2	141,013	1/2	128,567	1/2	116,121	1/2	103,674	1/2	91,228	1/2	78,782	1/2	66,336		
3/4	3/4	165,646	3/4	153,200	3/4	140,754	3/4	128,308	3/4	115,861	3/4	103,415	3/4	90,969	3/4	78,523	3/4	66,076		
9	9	165,387	9	152,941	9	140,495	9	128,048	9	115,602	9	103,156	9	90,710	9	78,263	9	65,817		
1/4	1/4	165,128	1/4	152,681	1/4	140,235	1/4	127,789	1/4	115,343	1/4	102,896	1/4	90,450	1/4	78,004	1/4	65,558		
1/2	1/2	164,868	1/2	152,422	1/2	139,976	1/2	127,530	1/2	115,083	1/2	102,637	1/2	90,191	1/2	77,745	1/2	65,298		
3/4	3/4	164,609	3/4	152,163	3/4	139,717	3/4	127,270	3/4	114,824	3/4	102,378	3/4	89,932	3/4	77,485	3/4	65,039		
10	10	164,350	10	151,904	10	139,457	10	127,011	10	114,565	10	102,119	10	89,672	10	77,226	10	64,780		
1/4	1/4	164,091	1/4	151,644	1/4	139,198	1/4	126,752	1/4	114,306	1/4	101,859	1/4	89,413	1/4	76,967	1/4	64,521		
1/2	1/2	163,831	1/2	151,385	1/2	138,939	1/2	126,492	1/2	114,046	1/2	101,600	1/2	89,154	1/2	76,707	1/2	64,261		
3/4	3/4	174,451	3/4	163,572	3/4	151,126	3/4	138,679	3/4	126,233	3/4	113,787	3/4	101,341	3/4	88,894	3/4	76,448	3/4	64,002
11	11	174,299	11	163,313	11	150,866	11	138,420	11	125,974	11	113,528	11	101,081	11	88,635	11	76,189	11	63,743
1/4	1/4	174,408	1/4	163,053	1/4	150,607	1/4	138,161	1/4	125,715	1/4	113,268	1/4	100,822	1/4	88,376	1/4	75,930	1/4	63,483
1/2	1/2	174,321	1/2	162,794	1/2	150,348	1/2	137,902	1/2	125,455	1/2	113,009	1/2	100,563	1/2	88,117	1/2	75,670	1/2	63,224
3/4	3/4	174,235	3/4	162,535	3/4	150,089	3/4	137,642	3/4	125,196	3/4	112,750	3/4	100,304	3/4	87,857	3/4	75,411	3/4	62,965

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77698  
<http://www.pmacorp.net>



# BARGE "IB 1902"

## 2 CENTER 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	62,705	0	50,259	0	37,862	0	25,650	0	13,204	0	934	0	0	0	0	0	0	0	0
1/4	62,446	1/4	50,000	1/4	37,610	1/4	25,391	1/4	12,945	1/4	718	1/4		1/4		1/4		1/4	
1/2	62,187	1/2	49,741	1/2	37,358	1/2	25,131	1/2	12,686	1/2	588	1/2		1/2		1/2		1/2	
3/4	61,928	3/4	49,481	3/4	37,105	3/4	24,872	3/4	12,426	3/4	459	3/4		3/4		3/4		3/4	
1	61,668	1	49,222	1	36,853	1	24,613	1	12,167	1	329	1		1		1		1	
1 1/4	61,409	1 1/4	48,963	1 1/4	36,601	1 1/4	24,353	1 1/4	11,908	1 1/4	199	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	61,150	1 1/2	48,703	1 1/2	36,349	1 1/2	24,094	1 1/2	11,648	1 1/2	156	1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	60,890	1 3/4	48,444	1 3/4	36,097	1 3/4	23,835	1 3/4	11,389	1 3/4	113	1 3/4		1 3/4		1 3/4		1 3/4	
2	60,631	2	48,185	2	35,844	2	23,576	2	11,130	2	70	2		2		2		2	
2 1/4	60,372	2 1/4	47,926	2 1/4	35,592	2 1/4	23,316	2 1/4	10,871	2 1/4	26	2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	60,112	2 1/2	47,666	2 1/2	35,340	2 1/2	23,057	2 1/2	10,611	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
2 3/4	59,853	2 3/4	47,407	2 3/4	35,088	2 3/4	22,798	2 3/4	10,352	2 3/4		2 3/4		2 3/4		2 3/4		2 3/4	
3	59,594	3	47,148	3	34,836	3	22,539	3	10,093	3		3		3		3		3	
3 1/4	59,335	3 1/4	46,888	3 1/4	34,583	3 1/4	22,279	3 1/4	9,833	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	59,075	3 1/2	46,629	3 1/2	34,331	3 1/2	22,020	3 1/2	9,574	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
3 3/4	58,816	3 3/4	46,370	3 3/4	34,079	3 3/4	21,761	3 3/4	9,315	3 3/4		3 3/4		3 3/4		3 3/4		3 3/4	
4	58,557	4	46,110	4	33,827	4	21,501	4	9,056	4		4		4		4		4	
4 1/4	58,297	4 1/4	45,851	4 1/4	33,575	4 1/4	21,242	4 1/4	8,796	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	58,038	4 1/2	45,592	4 1/2	33,322	4 1/2	20,983	4 1/2	8,537	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
4 3/4	57,779	4 3/4	45,333	4 3/4	33,070	4 3/4	20,723	4 3/4	8,278	4 3/4		4 3/4		4 3/4		4 3/4		4 3/4	
5	57,520	5	45,073	5	32,818	5	20,464	5	8,018	5		5		5		5		5	
5 1/4	57,260	5 1/4	44,814	5 1/4	32,566	5 1/4	20,205	5 1/4	7,759	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	57,001	5 1/2	44,555	5 1/2	32,314	5 1/2	19,946	5 1/2	7,500	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
5 3/4	56,742	5 3/4	44,295	5 3/4	32,061	5 3/4	19,686	5 3/4	7,241	5 3/4		5 3/4		5 3/4		5 3/4		5 3/4	
6	56,482	6	44,036	6	31,809	6	19,427	6	6,981	6		6		6		6		6	
6 1/4	56,223	6 1/4	43,777	6 1/4	31,557	6 1/4	19,168	6 1/4	6,722	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	55,964	6 1/2	43,517	6 1/2	31,305	6 1/2	18,908	6 1/2	6,463	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
6 3/4	55,704	6 3/4	43,258	6 3/4	31,052	6 3/4	18,649	6 3/4	6,204	6 3/4		6 3/4		6 3/4		6 3/4		6 3/4	
7	55,445	7	42,999	7	30,800	7	18,390	7	5,945	7		7		7		7		7	
7 1/4	55,186	7 1/4	42,740	7 1/4	30,548	7 1/4	18,131	7 1/4	5,686	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	54,927	7 1/2	42,480	7 1/2	30,296	7 1/2	17,871	7 1/2	5,428	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
7 3/4	54,667	7 3/4	42,221	7 3/4	30,044	7 3/4	17,612	7 3/4	5,169	7 3/4		7 3/4		7 3/4		7 3/4		7 3/4	
8	54,408	8	41,962	8	29,791	8	17,353	8	4,911	8		8		8		8		8	
8 1/4	54,149	8 1/4	41,702	8 1/4	29,539	8 1/4	17,093	8 1/4	4,652	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	53,889	8 1/2	41,443	8 1/2	29,280	8 1/2	16,834	8 1/2	4,394	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
8 3/4	53,630	8 3/4	41,184	8 3/4	29,021	8 3/4	16,575	8 3/4	4,137	8 3/4		8 3/4		8 3/4		8 3/4		8 3/4	
9	53,371	9	40,925	9	28,761	9	16,316	9	3,879	9		9		9		9		9	
9 1/4	53,111	9 1/4	40,665	9 1/4	28,502	9 1/4	16,056	9 1/4	3,622	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	52,852	9 1/2	40,406	9 1/2	28,243	9 1/2	15,797	9 1/2	3,365	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
9 3/4	52,593	9 3/4	40,147	9 3/4	27,984	9 3/4	15,538	9 3/4	3,109	9 3/4		9 3/4		9 3/4		9 3/4		9 3/4	
10	52,334	10	39,887	10	27,724	10	15,278	10	2,853	10		10		10		10		10	
10 1/4	52,074	10 1/4	39,628	10 1/4	27,465	10 1/4	15,019	10 1/4	2,596	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	51,815	10 1/2	39,376	10 1/2	27,206	10 1/2	14,760	10 1/2	2,343	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	51,556	10 3/4	39,123	10 3/4	26,946	10 3/4	14,501	10 3/4	2,089	10 3/4		10 3/4		10 3/4		10 3/4		10 3/4	
11	51,296	11	38,871	11	26,687	11	14,241	11	1,835	11		11		11		11		11	
11 1/4	51,037	11 1/4	38,619	11 1/4	26,428	11 1/4	13,982	11 1/4	1,581	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	50,778	11 1/2	38,367	11 1/2	26,169	11 1/2	13,723	11 1/2	1,365	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	50,518	11 3/4	38,114	11 3/4	25,909	11 3/4	13,463	11 3/4	1,149	11 3/4		11 3/4		11 3/4		11 3/4		11 3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2019 CL  
CALCULATED: 04/28/2019 CL  
PRINTED: 04/28/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77688  
<http://www.omacorp.net>



# BARGE "IB 1902"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02"

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	173,067	0	161,099	0	149,743	0	138,388	0	127,032	0	115,677	0	104,321	0	92,966	0	81,610	0
1/4	1/4	172,885	1/4	160,841	1/4	148,486	1/4	136,130	1/4	124,775	1/4	113,419	1/4	102,064	1/4	90,708	1/4	79,353	1/4
1/2	1/2	172,714	1/2	160,584	1/2	148,228	1/2	135,873	1/2	123,517	1/2	111,162	1/2	99,806	1/2	88,451	1/2	77,096	1/2
3/4	3/4	172,542	3/4	160,327	3/4	147,971	3/4	135,616	3/4	123,260	3/4	110,905	3/4	99,549	3/4	88,193	3/4	76,838	3/4
1	1	172,370	1	160,069	1	147,714	1	135,358	1	123,003	1	110,647	1	99,292	1	87,936	1	76,581	1
1 1/4	1 1/4	172,125	1 1/4	159,812	1 1/4	147,456	1 1/4	135,101	1 1/4	122,745	1 1/4	110,390	1 1/4	99,034	1 1/4	87,678	1 1/4	76,323	1 1/4
1 1/2	1 1/2	171,880	1 1/2	159,554	1 1/2	147,199	1 1/2	134,843	1 1/2	122,488	1 1/2	110,132	1 1/2	97,777	1 1/2	86,421	1 1/2	75,066	1 1/2
3 1/4	3 1/4	171,635	3 1/4	159,297	3 1/4	146,941	3 1/4	134,586	3 1/4	122,230	3 1/4	109,875	3 1/4	97,519	3 1/4	85,164	3 1/4	72,808	3 1/4
2	2	171,389	2	159,040	2	146,684	2	134,329	2	121,973	2	109,617	2	97,262	2	84,906	2	72,551	2
1 3/4	1 3/4	171,133	1 3/4	158,782	1 3/4	146,427	1 3/4	134,071	1 3/4	121,716	1 3/4	109,360	1 3/4	97,005	1 3/4	84,649	1 3/4	72,294	1 3/4
1 1/2	1 1/2	170,877	1 1/2	158,525	1 1/2	146,169	1 1/2	133,814	1 1/2	121,458	1 1/2	109,103	1 1/2	96,747	1 1/2	84,392	1 1/2	72,036	1 1/2
3 1/4	3 1/4	170,621	3 1/4	158,267	3 1/4	145,912	3 1/4	133,556	3 1/4	121,201	3 1/4	108,845	3 1/4	96,490	3 1/4	84,134	3 1/4	71,779	3 1/4
3	3	170,364	3	158,010	3	145,654	3	133,299	3	120,943	3	108,588	3	96,232	3	83,877	3	71,521	3
1 3/4	1 3/4	170,107	1 3/4	157,753	1 3/4	145,397	1 3/4	133,041	1 3/4	120,685	1 3/4	108,330	1 3/4	95,975	1 3/4	83,619	1 3/4	71,264	1 3/4
1 1/2	1 1/2	169,850	1 1/2	157,495	1 1/2	145,140	1 1/2	132,784	1 1/2	120,429	1 1/2	108,073	1 1/2	95,718	1 1/2	83,362	1 1/2	71,006	1 1/2
3 1/4	3 1/4	169,593	3 1/4	157,238	3 1/4	144,882	3 1/4	132,527	3 1/4	120,171	3 1/4	107,816	3 1/4	95,460	3 1/4	83,105	3 1/4	70,749	3 1/4
4	4	169,336	4	156,980	4	144,625	4	132,269	4	119,914	4	107,558	4	95,203	4	82,847	4	70,492	4
1 3/4	1 3/4	169,078	1 3/4	156,723	1 3/4	144,367	1 3/4	132,012	1 3/4	119,656	1 3/4	107,301	1 3/4	94,945	1 3/4	82,590	1 3/4	70,234	1 3/4
1 1/2	1 1/2	168,821	1 1/2	156,465	1 1/2	144,110	1 1/2	131,754	1 1/2	119,399	1 1/2	107,043	1 1/2	94,688	1 1/2	82,332	1 1/2	69,977	1 1/2
3 1/4	3 1/4	168,564	3 1/4	156,208	3 1/4	143,853	3 1/4	131,497	3 1/4	119,142	3 1/4	106,786	3 1/4	94,430	3 1/4	82,075	3 1/4	69,719	3 1/4
5	5	168,306	5	155,951	5	143,595	5	131,240	5	118,884	5	106,529	5	94,173	5	81,818	5	69,462	5
1 3/4	1 3/4	168,049	1 3/4	155,693	1 3/4	143,338	1 3/4	130,982	1 3/4	118,627	1 3/4	106,271	1 3/4	93,916	1 3/4	81,560	1 3/4	69,205	1 3/4
1 1/2	1 1/2	167,791	1 1/2	155,436	1 1/2	143,080	1 1/2	130,725	1 1/2	118,369	1 1/2	106,014	1 1/2	93,658	1 1/2	81,303	1 1/2	68,947	1 1/2
3 1/4	3 1/4	167,534	3 1/4	155,178	3 1/4	142,823	3 1/4	130,467	3 1/4	118,112	3 1/4	105,756	3 1/4	93,401	3 1/4	81,045	3 1/4	68,690	3 1/4
6	6	167,277	6	154,921	6	142,566	6	130,210	6	117,854	6	105,499	6	93,143	6	80,788	6	68,432	6
1 3/4	1 3/4	167,019	1 3/4	154,664	1 3/4	142,308	1 3/4	129,953	1 3/4	117,597	1 3/4	105,242	1 3/4	92,886	1 3/4	80,531	1 3/4	68,175	1 3/4
1 1/2	1 1/2	166,762	1 1/2	154,406	1 1/2	142,051	1 1/2	129,695	1 1/2	117,340	1 1/2	104,984	1 1/2	92,629	1 1/2	80,273	1 1/2	67,918	1 1/2
3 1/4	3 1/4	166,504	3 1/4	154,149	3 1/4	141,793	3 1/4	129,438	3 1/4	117,082	3 1/4	104,727	3 1/4	92,371	3 1/4	80,016	3 1/4	67,660	3 1/4
7	7	166,247	7	153,891	7	141,536	7	129,180	7	116,825	7	104,469	7	92,114	7	79,758	7	67,403	7
1 3/4	1 3/4	165,990	1 3/4	153,634	1 3/4	141,278	1 3/4	128,923	1 3/4	116,567	1 3/4	104,212	1 3/4	91,856	1 3/4	79,501	1 3/4	67,145	1 3/4
1 1/2	1 1/2	165,732	1 1/2	153,377	1 1/2	141,021	1 1/2	128,666	1 1/2	116,310	1 1/2	103,955	1 1/2	91,599	1 1/2	79,243	1 1/2	66,888	1 1/2
3 1/4	3 1/4	165,475	3 1/4	153,119	3 1/4	140,764	3 1/4	128,408	3 1/4	116,053	3 1/4	103,697	3 1/4	91,342	3 1/4	78,986	3 1/4	66,631	3 1/4
8	8	165,217	8	152,862	8	140,506	8	128,151	8	115,795	8	103,440	8	91,084	8	78,729	8	66,373	8
1 3/4	1 3/4	164,960	1 3/4	152,604	1 3/4	140,249	1 3/4	127,893	1 3/4	115,538	1 3/4	103,182	1 3/4	90,827	1 3/4	78,471	1 3/4	66,116	1 3/4
1 1/2	1 1/2	164,703	1 1/2	152,347	1 1/2	139,991	1 1/2	127,636	1 1/2	115,280	1 1/2	102,925	1 1/2	90,569	1 1/2	78,214	1 1/2	65,858	1 1/2
3 1/4	3 1/4	164,445	3 1/4	152,090	3 1/4	139,734	3 1/4	127,379	3 1/4	115,023	3 1/4	102,667	3 1/4	90,312	3 1/4	77,956	3 1/4	65,601	3 1/4
9	9	164,188	9	151,832	9	139,477	9	127,121	9	114,766	9	102,410	9	90,055	9	77,699	9	65,344	9
1 3/4	1 3/4	163,930	1 3/4	151,575	1 3/4	139,219	1 3/4	126,864	1 3/4	114,508	1 3/4	102,153	1 3/4	89,797	1 3/4	77,442	1 3/4	65,086	1 3/4
1 1/2	1 1/2	163,673	1 1/2	151,317	1 1/2	138,962	1 1/2	126,606	1 1/2	114,251	1 1/2	101,895	1 1/2	89,540	1 1/2	77,184	1 1/2	64,829	1 1/2
3 1/4	3 1/4	163,415	3 1/4	151,060	3 1/4	138,704	3 1/4	126,349	3 1/4	113,993	3 1/4	101,638	3 1/4	89,282	3 1/4	76,927	3 1/4	64,571	3 1/4
10	10	163,158	10	150,803	10	138,447	10	126,092	10	113,736	10	101,380	10	89,025	10	76,669	10	64,314	10
1 3/4	1 3/4	162,901	1 3/4	150,545	1 3/4	138,190	1 3/4	125,834	1 3/4	113,479	1 3/4	101,123	1 3/4	88,768	1 3/4	76,412	1 3/4	64,056	1 3/4
1 1/2	1 1/2	162,643	1 1/2	150,288	1 1/2	137,932	1 1/2	125,577	1 1/2	113,221	1 1/2	100,866	1 1/2	88,510	1 1/2	76,155	1 1/2	63,799	1 1/2
3 1/4	3 1/4	162,386	3 1/4	150,030	3 1/4	137,675	3 1/4	125,319	3 1/4	112,964	3 1/4	100,608	3 1/4	88,253	3 1/4	75,897	3 1/4	63,542	3 1/4
11	11	162,128	11	149,773	11	137,417	11	125,062	11	112,706	11	100,351	11	87,995	11	75,640	11	63,284	11
1 3/4	1 3/4	161,871	1 3/4	149,516	1 3/4	137,160	1 3/4	124,804	1 3/4	112,449	1 3/4	100,093	1 3/4	87,738	1 3/4	75,382	1 3/4	63,027	1 3/4
1 1/2	1 1/2	161,614	1 1/2	149,258	1 1/2	136,903	1 1/2	124,547	1 1/2	112,192	1 1/2	99,835	1 1/2	87,480	1 1/2	75,125	1 1/2	62,769	1 1/2
3 1/4	3 1/4	161,356	3 1/4	149,001	3 1/4	136,645	3 1/4	124,290	3 1/4	111,934	3 1/4	99,579	3 1/4	87,223	3 1/4	74,868	3 1/4	62,512	3 1/4

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2692  
Pearland, Texas 77888  
<http://www.pmacorp.net>



# BARGE "IB 1902"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02"

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	62,255	0	49,899	0	37,547	0	25,206	0	12,851	0	713	0		0					0
1/4	61,997	1/4	49,642	1/4	37,290	1/4	24,948	1/4	12,593	1/4	584	1/4		1/4					1/4
1/2	61,740	1/2	49,384	1/2	37,033	1/2	24,691	1/2	12,336	1/2	456	1/2		1/2					1/2
3/4	61,482	3/4	49,127	3/4	36,776	3/4	24,434	3/4	12,079	3/4	327	3/4		3/4					3/4
1	61,225	1	48,869	1	36,519	1	24,176	1	11,821	1	198	1		1					1
1 1/4	60,968	1 1/4	48,612	1 1/4	36,262	1 1/4	23,919	1 1/4	11,564	1 1/4	165	1 1/4		1 1/4					1 1/4
1 1/2	60,710	1 1/2	48,355	1 1/2	36,005	1 1/2	23,662	1 1/2	11,306	1 1/2	112	1 1/2		1 1/2					1 1/2
3/2	60,453	3/2	48,097	3/2	35,748	3/2	23,404	3/2	11,049	3/2	70	3/2		3/2					3/2
2	60,195	2	47,840	2	35,491	2	23,147	2	10,792	2	26	2		2					2
2 1/4	59,938	2 1/4	47,582	2 1/4	35,234	2 1/4	22,889	2 1/4	10,534	2 1/4		2 1/4		2 1/4					2 1/4
2 1/2	59,681	2 1/2	47,325	2 1/2	34,977	2 1/2	22,632	2 1/2	10,277	2 1/2		2 1/2		2 1/2					2 1/2
3/2	59,423	3/2	47,068	3/2	34,720	3/2	22,375	3/2	10,019	3/2		3/2		3/2					3/2
3	59,166	3	46,810	3	34,463	3	22,117	3	9,762	3		3		3					3
3 1/4	58,908	3 1/4	46,553	3 1/4	34,206	3 1/4	21,860	3 1/4	9,505	3 1/4		3 1/4		3 1/4					3 1/4
3 1/2	58,651	3 1/2	46,295	3 1/2	33,949	3 1/2	21,602	3 1/2	9,247	3 1/2		3 1/2		3 1/2					3 1/2
4	58,394	4	46,038	4	33,692	4	21,345	4	8,990	4		4		4					4
4 1/4	58,136	4 1/4	45,781	4 1/4	33,435	4 1/4	21,088	4 1/4	8,732	4 1/4		4 1/4		4 1/4					4 1/4
4 1/2	57,879	4 1/2	45,523	4 1/2	33,179	4 1/2	20,830	4 1/2	8,475	4 1/2		4 1/2		4 1/2					4 1/2
5	57,621	5	45,266	5	32,922	5	20,573	5	8,218	5		5		5					5
5 1/4	57,364	5 1/4	45,008	5 1/4	32,665	5 1/4	20,315	5 1/4	7,960	5 1/4		5 1/4		5 1/4					5 1/4
5 1/2	57,107	5 1/2	44,751	5 1/2	32,408	5 1/2	20,058	5 1/2	7,703	5 1/2		5 1/2		5 1/2					5 1/2
6	56,849	6	44,494	6	32,151	6	19,801	6	7,446	6		6		6					6
6 1/4	56,592	6 1/4	44,236	6 1/4	31,894	6 1/4	19,543	6 1/4	7,188	6 1/4		6 1/4		6 1/4					6 1/4
6 1/2	56,334	6 1/2	44,037	6 1/2	31,637	6 1/2	19,286	6 1/2	6,931	6 1/2		6 1/2		6 1/2					6 1/2
7	56,077	7	43,721	7	31,380	7	19,028	7	6,674	7		7		7					7
7 1/4	55,819	7 1/4	43,464	7 1/4	31,123	7 1/4	18,771	7 1/4	6,416	7 1/4		7 1/4		7 1/4					7 1/4
7 1/2	55,562	7 1/2	43,207	7 1/2	30,866	7 1/2	18,514	7 1/2	6,159	7 1/2		7 1/2		7 1/2					7 1/2
8	55,305	8	42,949	8	30,609	8	18,256	8	5,902	8		8		8					8
8 1/4	55,047	8 1/4	42,692	8 1/4	30,352	8 1/4	17,999	8 1/4	5,645	8 1/4		8 1/4		8 1/4					8 1/4
8 1/2	54,790	8 1/2	42,434	8 1/2	30,095	8 1/2	17,741	8 1/2	5,388	8 1/2		8 1/2		8 1/2					8 1/2
9	54,532	9	42,177	9	29,838	9	17,484	9	5,132	9		9		9					9
9 1/4	54,275	9 1/4	41,920	9 1/4	29,581	9 1/4	17,227	9 1/4	4,875	9 1/4		9 1/4		9 1/4					9 1/4
9 1/2	54,018	9 1/2	41,662	9 1/2	29,324	9 1/2	16,969	9 1/2	4,619	9 1/2		9 1/2		9 1/2					9 1/2
10	53,760	10	41,405	10	29,067	10	16,712	10	4,363	10		10		10					10
10 1/4	53,503	10 1/4	41,147	10 1/4	28,809	10 1/4	16,454	10 1/4	4,107	10 1/4		10 1/4		10 1/4					10 1/4
10 1/2	53,245	10 1/2	40,890	10 1/2	28,552	10 1/2	16,197	10 1/2	3,851	10 1/2		10 1/2		10 1/2					10 1/2
11	52,988	11	40,632	11	28,295	11	15,940	11	3,595	11		11		11					11
11 1/4	52,731	11 1/4	40,375	11 1/4	28,037	11 1/4	15,682	11 1/4	3,341	11 1/4		11 1/4		11 1/4					11 1/4
11 1/2	52,473	11 1/2	40,118	11 1/2	27,780	11 1/2	15,425	11 1/2	3,087	11 1/2		11 1/2		11 1/2					11 1/2
12	52,216	12	39,860	12	27,522	12	15,167	12	2,832	12		12		12					12
12 1/4	51,958	12 1/4	39,603	12 1/4	27,265	12 1/4	14,910	12 1/4	2,578	12 1/4		12 1/4		12 1/4					12 1/4
12 1/2	51,701	12 1/2	39,346	12 1/2	27,008	12 1/2	14,653	12 1/2	2,326	12 1/2		12 1/2		12 1/2					12 1/2
13	51,444	13	39,089	13	26,750	13	14,395	13	2,074	13		13		13					13
13 1/4	51,186	13 1/4	38,832	13 1/4	26,493	13 1/4	14,138	13 1/4	1,822	13 1/4		13 1/4		13 1/4					13 1/4
13 1/2	50,929	13 1/2	38,575	13 1/2	26,235	13 1/2	13,880	13 1/2	1,569	13 1/2		13 1/2		13 1/2					13 1/2
14	50,671	14	38,318	14	25,978	14	13,623	14	1,355	14		14		14					14
14 1/4	50,414	14 1/4	38,061	14 1/4	25,721	14 1/4	13,366	14 1/4	1,141	14 1/4		14 1/4		14 1/4					14 1/4
14 1/2	50,157	14 1/2	37,804	14 1/2	25,463	14 1/2	13,108	14 1/2	927	14 1/2		14 1/2		14 1/2					14 1/2

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2019 CL  
CALCULATED: 04/28/2019 CL  
PRINTED: 04/28/2019 SW

CANCELLED AND SUPERCEDES  
ALL PRIOR TO 04/2019

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