



BARGE "IB 1901"

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 1901"

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	160,823	0	153,221	0	144,866	0	136,511	0	128,156	0	117,527	0	104,614	0	91,705	0	78,791	0
1/4		160,733	1/4	153,047	1/4	144,892	1/4	136,337	1/4	127,992	1/4	117,258	1/4	104,345	1/4	91,436	1/4	78,522	1/4
1/2		160,643	1/2	152,873	1/2	144,518	1/2	136,163	1/2	127,808	1/2	116,989	1/2	104,077	1/2	91,167	1/2	78,253	1/2
3/4		160,553	3/4	152,899	3/4	144,344	3/4	135,989	3/4	127,634	3/4	116,719	3/4	103,808	3/4	90,898	3/4	77,984	3/4
1	1	160,464	1	152,525	1	144,170	1	135,815	1	127,460	1	116,450	1	103,539	1	90,629	1	77,715	1
1 1/4		160,379	1 1/4	152,351	1 1/4	143,996	1 1/4	135,641	1 1/4	127,286	1 1/4	116,181	1 1/4	103,270	1 1/4	90,360	1 1/4	77,446	1 1/4
1 1/2		160,295	1 1/2	152,177	1 1/2	143,822	1 1/2	135,467	1 1/2	127,112	1 1/2	115,912	1 1/2	103,001	1 1/2	90,091	1 1/2	77,177	1 1/2
1 3/4		160,211	1 3/4	152,003	1 3/4	143,648	1 3/4	135,293	1 3/4	126,938	1 3/4	115,643	1 3/4	102,732	1 3/4	89,822	1 3/4	76,908	1 3/4
2	2	160,127	2	151,829	2	143,474	2	135,119	2	126,764	2	115,374	2	102,463	2	89,553	2	76,639	2
2 1/4		159,965	2 1/4	151,655	2 1/4	143,300	2 1/4	134,945	2 1/4	126,590	2 1/4	115,105	2 1/4	102,195	2 1/4	89,284	2 1/4	76,370	2 1/4
2 1/2		159,804	2 1/2	151,481	2 1/2	143,126	2 1/2	134,771	2 1/2	126,416	2 1/2	114,836	2 1/2	101,926	2 1/2	89,015	2 1/2	76,101	2 1/2
2 3/4		159,643	2 3/4	151,307	2 3/4	142,952	2 3/4	134,597	2 3/4	126,242	2 3/4	114,567	2 3/4	101,657	2 3/4	88,745	2 3/4	75,832	2 3/4
3	3	159,481	3	151,132	3	142,777	3	134,423	3	126,068	3	114,298	3	101,388	3	88,476	3	75,563	3
3 1/4		159,309	3 1/4	150,958	3 1/4	142,603	3 1/4	134,248	3 1/4	125,894	3 1/4	114,029	3 1/4	101,119	3 1/4	88,207	3 1/4	75,294	3 1/4
3 1/2		159,136	3 1/2	150,784	3 1/2	142,429	3 1/2	134,074	3 1/2	125,720	3 1/2	113,760	3 1/2	100,850	3 1/2	87,938	3 1/2	75,024	3 1/2
3 3/4		158,963	3 3/4	150,610	3 3/4	142,255	3 3/4	133,900	3 3/4	125,546	3 3/4	113,491	3 3/4	100,581	3 3/4	87,669	3 3/4	74,755	3 3/4
4	4	158,790	4	150,436	4	142,081	4	133,726	4	125,372	4	113,222	4	100,313	4	87,400	4	74,486	4
4 1/4		158,616	4 1/4	150,262	4 1/4	141,907	4 1/4	133,552	4 1/4	125,198	4 1/4	112,953	4 1/4	100,044	4 1/4	87,131	4 1/4	74,217	4 1/4
4 1/2		158,442	4 1/2	150,088	4 1/2	141,733	4 1/2	133,378	4 1/2	125,025	4 1/2	112,684	4 1/2	99,775	4 1/2	86,862	4 1/2	73,948	4 1/2
4 3/4		158,269	4 3/4	149,914	4 3/4	141,559	4 3/4	133,204	4 3/4	124,851	4 3/4	112,415	4 3/4	99,506	4 3/4	86,593	4 3/4	73,679	4 3/4
5	5	158,095	5	149,740	5	141,385	5	133,030	5	124,678	5	112,146	5	99,237	5	86,324	5	73,410	5
5 1/4		157,921	5 1/4	149,566	5 1/4	141,211	5 1/4	132,856	5 1/4	124,504	5 1/4	111,877	5 1/4	98,968	5 1/4	86,055	5 1/4	73,142	5 1/4
5 1/2		157,747	5 1/2	149,392	5 1/2	141,037	5 1/2	132,682	5 1/2	124,331	5 1/2	111,608	5 1/2	98,700	5 1/2	85,786	5 1/2	72,873	5 1/2
5 3/4		157,573	5 3/4	149,218	5 3/4	140,863	5 3/4	132,508	5 3/4	124,157	5 3/4	111,339	5 3/4	98,431	5 3/4	85,517	5 3/4	72,605	5 3/4
6	6	157,399	6	149,044	6	140,689	6	132,334	6	123,984	6	111,070	6	98,162	6	85,248	6	72,336	6
6 1/4		157,225	6 1/4	148,870	6 1/4	140,515	6 1/4	132,160	6 1/4	123,714	6 1/4	110,801	6 1/4	97,893	6 1/4	84,979	6 1/4	72,068	6 1/4
6 1/2		157,051	6 1/2	148,696	6 1/2	140,341	6 1/2	131,986	6 1/2	123,545	6 1/2	110,532	6 1/2	97,624	6 1/2	84,710	6 1/2	71,800	6 1/2
6 3/4		156,876	6 3/4	148,522	6 3/4	140,167	6 3/4	131,812	6 3/4	123,376	6 3/4	110,263	6 3/4	97,355	6 3/4	84,441	6 3/4	71,531	6 3/4
7	7	156,702	7	148,347	7	139,993	7	131,638	7	122,907	7	109,993	7	97,086	7	84,172	7	71,263	7
7 1/4		156,528	7 1/4	148,173	7 1/4	139,818	7 1/4	131,463	7 1/4	122,638	7 1/4	109,724	7 1/4	96,817	7 1/4	83,903	7 1/4	70,994	7 1/4
7 1/2		156,354	7 1/2	147,999	7 1/2	139,644	7 1/2	131,289	7 1/2	122,369	7 1/2	109,455	7 1/2	96,548	7 1/2	83,634	7 1/2	70,726	7 1/2
7 3/4		156,180	7 3/4	147,825	7 3/4	139,470	7 3/4	131,115	7 3/4	122,100	7 3/4	109,186	7 3/4	96,279	7 3/4	83,365	7 3/4	70,457	7 3/4
8	8	156,006	8	147,651	8	139,296	8	130,941	8	121,831	8	108,917	8	96,010	8	83,096	8	70,189	8
8 1/4		155,832	8 1/4	147,477	8 1/4	139,122	8 1/4	130,767	8 1/4	121,562	8 1/4	108,648	8 1/4	95,740	8 1/4	82,827	8 1/4	69,921	8 1/4
8 1/2		155,658	8 1/2	147,303	8 1/2	138,948	8 1/2	130,593	8 1/2	121,293	8 1/2	108,379	8 1/2	95,471	8 1/2	82,558	8 1/2	69,652	8 1/2
8 3/4		155,484	8 3/4	147,129	8 3/4	138,774	8 3/4	130,419	8 3/4	121,024	8 3/4	108,110	8 3/4	95,202	8 3/4	82,289	8 3/4	69,384	8 3/4
9	9	155,310	9	146,955	9	138,600	9	130,245	9	120,755	9	107,841	9	94,933	9	82,019	9	69,115	9
9 1/4		155,136	9 1/4	146,781	9 1/4	138,426	9 1/4	130,071	9 1/4	120,486	9 1/4	107,572	9 1/4	94,664	9 1/4	81,750	9 1/4	68,847	9 1/4
9 1/2		154,962	9 1/2	146,607	9 1/2	138,252	9 1/2	129,897	9 1/2	120,217	9 1/2	107,303	9 1/2	94,395	9 1/2	81,481	9 1/2	68,578	9 1/2
9 3/4		154,788	9 3/4	146,433	9 3/4	138,078	9 3/4	129,723	9 3/4	119,948	9 3/4	107,034	9 3/4	94,126	9 3/4	81,212	9 3/4	68,310	9 3/4
10	10	154,614	10	146,259	10	137,904	10	129,549	10	119,679	10	106,765	10	93,857	10	80,943	10	68,041	10
10 1/4		154,440	10 1/4	146,085	10 1/4	137,730	10 1/4	129,375	10 1/4	119,410	10 1/4	106,496	10 1/4	93,588	10 1/4	80,674	10 1/4	67,773	10 1/4
10 1/2		154,266	10 1/2	145,911	10 1/2	137,556	10 1/2	129,201	10 1/2	119,141	10 1/2	106,227	10 1/2	93,319	10 1/2	80,405	10 1/2	67,505	10 1/2
10 3/4		154,091	10 3/4	145,737	10 3/4	137,382	10 3/4	129,027	10 3/4	118,872	10 3/4	105,958	10 3/4	93,050	10 3/4	80,136	10 3/4	67,236	10 3/4
11	11	153,917	11	145,562	11	137,208	11	128,853	11	118,603	11	105,690	11	92,781	11	79,867	11	66,968	11
11 1/4		153,743	11 1/4	145,388	11 1/4	137,033	11 1/4	128,679	11 1/4	118,334	11 1/4	105,421	11 1/4	92,512	11 1/4	79,598	11 1/4	66,699	11 1/4
11 1/2		153,569	11 1/2	145,214	11 1/2	136,859	11 1/2	128,504	11 1/2	118,065	11 1/2	105,152	11 1/2	92,243	11 1/2	79,329	11 1/2	66,431	11 1/2
11 3/4		153,395	11 3/4	145,040	11 3/4	136,685	11 3/4	128,330	11 3/4	117,796	11 3/4	104,883	11 3/4	91,974	11 3/4	79,060	11 3/4	66,162	11 3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.

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 77688

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BARGE "IB 1901"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	65,894	0	52,992	0	40,105	0	27,442	0	14,525	0	1,643	0		0					
1/4	65,626	1/4	52,723	1/4	39,841	1/4	27,173	1/4	14,256	1/4	1,418	1/4		1/4					
1/2	65,357	1/2	52,454	1/2	39,570	1/2	26,904	1/2	13,987	1/2	1,194	1/2		1/2					
3/4	65,089	3/4	52,185	3/4	39,314	3/4	26,635	3/4	13,718	3/4	970	3/4		3/4					
1	64,820	1	51,916	1	39,050	1	26,365	1	13,449	1	746	1		1					
1 1/4	64,552	1 1/4	51,647	1 1/4	38,788	1 1/4	26,096	1 1/4	13,179	1 1/4	611	1 1/4		1 1/4					
1 1/2	64,283	1 1/2	51,378	1 1/2	38,526	1 1/2	25,827	1 1/2	12,910	1 1/2	476	1 1/2		1 1/2					
1 3/4	64,015	1 3/4	51,110	1 3/4	38,265	1 3/4	25,558	1 3/4	12,641	1 3/4	341	1 3/4		1 3/4					
2	63,746	2	50,841	2	38,003	2	25,289	2	12,372	2	206	2		2					
2 1/4	63,478	2 1/4	50,572	2 1/4	37,741	2 1/4	25,020	2 1/4	12,103	2 1/4	162	2 1/4		2 1/4					
2 1/2	63,210	2 1/2	50,303	2 1/2	37,479	2 1/2	24,751	2 1/2	11,834	2 1/2	117	2 1/2		2 1/2					
2 3/4	62,941	2 3/4	50,034	2 3/4	37,217	2 3/4	24,482	2 3/4	11,565	2 3/4	72	2 3/4		2 3/4					
3	62,673	3	49,765	3	36,955	3	24,213	3	11,296	3	26	3		3					
3 1/4	62,404	3 1/4	49,496	3 1/4	36,694	3 1/4	23,944	3 1/4	11,027	3 1/4		3 1/4		3 1/4					
3 1/2	62,135	3 1/2	49,227	3 1/2	36,432	3 1/2	23,674	3 1/2	10,758	3 1/2		3 1/2		3 1/2					
3 3/4	61,866	3 3/4	48,958	3 3/4	36,170	3 3/4	23,405	3 3/4	10,488	3 3/4		3 3/4		3 3/4					
4	61,597	4	48,689	4	35,908	4	23,136	4	10,219	4		4		4					
4 1/4	61,328	4 1/4	48,420	4 1/4	35,646	4 1/4	22,867	4 1/4	9,950	4 1/4		4 1/4		4 1/4					
4 1/2	61,059	4 1/2	48,152	4 1/2	35,384	4 1/2	22,598	4 1/2	9,681	4 1/2		4 1/2		4 1/2					
4 3/4	60,790	4 3/4	47,883	4 3/4	35,122	4 3/4	22,329	4 3/4	9,411	4 3/4		4 3/4		4 3/4					
5	60,521	5	47,614	5	34,861	5	22,060	5	9,142	5		5		5					
5 1/4	60,252	5 1/4	47,345	5 1/4	34,599	5 1/4	21,791	5 1/4	8,873	5 1/4		5 1/4		5 1/4					
5 1/2	59,984	5 1/2	47,076	5 1/2	34,337	5 1/2	21,522	5 1/2	8,603	5 1/2		5 1/2		5 1/2					
5 3/4	59,715	5 3/4	46,807	5 3/4	34,075	5 3/4	21,253	5 3/4	8,334	5 3/4		5 3/4		5 3/4					
6	59,446	6	46,538	6	33,813	6	20,983	6	8,064	6		6		6					
6 1/4	59,177	6 1/4	46,269	6 1/4	33,551	6 1/4	20,714	6 1/4	7,795	6 1/4		6 1/4		6 1/4					
6 1/2	58,908	6 1/2	46,000	6 1/2	33,290	6 1/2	20,445	6 1/2	7,526	6 1/2		6 1/2		6 1/2					
6 3/4	58,639	6 3/4	45,731	6 3/4	33,028	6 3/4	20,176	6 3/4	7,257	6 3/4		6 3/4		6 3/4					
7	58,370	7	45,462	7	32,766	7	19,907	7	6,988	7		7		7					
7 1/4	58,101	7 1/4	45,194	7 1/4	32,504	7 1/4	19,638	7 1/4	6,719	7 1/4		7 1/4		7 1/4					
7 1/2	57,832	7 1/2	44,925	7 1/2	32,242	7 1/2	19,369	7 1/2	6,450	7 1/2		7 1/2		7 1/2					
7 3/4	57,563	7 3/4	44,656	7 3/4	31,980	7 3/4	19,100	7 3/4	6,180	7 3/4		7 3/4		7 3/4					
8	57,294	8	44,387	8	31,718	8	18,831	8	5,911	8		8		8					
8 1/4	57,026	8 1/4	44,118	8 1/4	31,457	8 1/4	18,562	8 1/4	5,643	8 1/4		8 1/4		8 1/4					
8 1/2	56,757	8 1/2	43,849	8 1/2	31,195	8 1/2	18,292	8 1/2	5,374	8 1/2		8 1/2		8 1/2					
8 3/4	56,488	8 3/4	43,580	8 3/4	30,933	8 3/4	18,023	8 3/4	5,105	8 3/4		8 3/4		8 3/4					
9	56,219	9	43,311	9	30,671	9	17,754	9	4,836	9		9		9					
9 1/4	55,950	9 1/4	43,042	9 1/4	30,402	9 1/4	17,485	9 1/4	4,568	9 1/4		9 1/4		9 1/4					
9 1/2	55,681	9 1/2	42,773	9 1/2	30,133	9 1/2	17,216	9 1/2	4,300	9 1/2		9 1/2		9 1/2					
9 3/4	55,412	9 3/4	42,504	9 3/4	29,864	9 3/4	16,947	9 3/4	4,033	9 3/4		9 3/4		9 3/4					
10	55,143	10	42,235	10	29,595	10	16,678	10	3,765	10		10		10					
10 1/4	54,874	10 1/4	41,967	10 1/4	29,326	10 1/4	16,409	10 1/4	3,498	10 1/4		10 1/4		10 1/4					
10 1/2	54,605	10 1/2	41,698	10 1/2	29,057	10 1/2	16,140	10 1/2	3,232	10 1/2		10 1/2		10 1/2					
10 3/4	54,336	10 3/4	41,429	10 3/4	28,787	10 3/4	15,870	10 3/4	2,965	10 3/4		10 3/4		10 3/4					
11	54,068	11	41,160	11	28,518	11	15,601	11	2,699	11		11		11					
11 1/4	53,799	11 1/4	40,896	11 1/4	28,249	11 1/4	15,332	11 1/4	2,435	11 1/4		11 1/4		11 1/4					
11 1/2	53,530	11 1/2	40,632	11 1/2	27,980	11 1/2	15,063	11 1/2	2,171	11 1/2		11 1/2		11 1/2					
11 3/4	53,261	11 3/4	40,369	11 3/4	27,711	11 3/4	14,794	11 3/4	1,907	11 3/4		11 3/4		11 3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "IB 1901"

2 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	174,038	0	162,707	0	150,288	0	137,868	0	125,448	0	113,028	0	100,608	0	88,188	0	75,768	
1/4	1/4	173,952	1/4	162,449	1/4	150,029	1/4	137,609	1/4	125,189	1/4	112,769	1/4	100,349	1/4	87,929	1/4	75,510	
1/2	1/2	173,865	1/2	162,190	1/2	149,770	1/2	137,350	1/2	124,930	1/2	112,510	1/2	100,091	1/2	87,671	1/2	75,251	
3/4	3/4	173,779	3/4	161,931	3/4	149,511	3/4	137,091	3/4	124,672	3/4	112,252	3/4	99,832	3/4	87,412	3/4	74,992	
1	1	173,693	1	161,672	1	149,253	1	136,833	1	124,413	1	111,993	1	99,573	1	87,153	1	74,733	
1 1/4	1 1/4	173,520	1 1/4	161,414	1 1/4	148,994	1 1/4	136,574	1 1/4	124,154	1 1/4	111,734	1 1/4	99,314	1 1/4	86,894	1 1/4	74,475	
1 1/2	1 1/2	173,348	1 1/2	161,155	1 1/2	148,735	1 1/2	136,315	1 1/2	123,895	1 1/2	111,475	1 1/2	99,056	1 1/2	86,636	1 1/2	74,216	
1 3/4	1 3/4	173,175	1 3/4	160,896	1 3/4	148,476	1 3/4	136,056	1 3/4	123,637	1 3/4	111,217	1 3/4	98,797	1 3/4	86,377	1 3/4	73,957	
2	2	173,003	2	160,638	2	148,218	2	135,798	2	123,378	2	110,958	2	98,538	2	86,118	2	73,698	
2 1/4	2 1/4	172,756	2 1/4	160,379	2 1/4	147,959	2 1/4	135,539	2 1/4	123,119	2 1/4	110,699	2 1/4	98,279	2 1/4	85,859	2 1/4	73,440	
2 1/2	2 1/2	172,510	2 1/2	160,120	2 1/2	147,700	2 1/2	135,280	2 1/2	122,860	2 1/2	110,440	2 1/2	98,020	2 1/2	85,600	2 1/2	73,181	
2 3/4	2 3/4	172,263	2 3/4	159,861	2 3/4	147,441	2 3/4	135,022	2 3/4	122,602	2 3/4	110,182	2 3/4	97,762	2 3/4	85,342	2 3/4	72,922	
3	3	172,017	3	159,603	3	147,183	3	134,763	3	122,343	3	109,923	3	97,503	3	85,083	3	72,663	
3 1/4	3 1/4	171,759	3 1/4	159,344	3 1/4	146,924	3 1/4	134,504	3 1/4	122,084	3 1/4	109,664	3 1/4	97,244	3 1/4	84,824	3 1/4	72,405	
3 1/2	3 1/2	171,502	3 1/2	159,085	3 1/2	146,665	3 1/2	134,245	3 1/2	121,825	3 1/2	109,406	3 1/2	96,986	3 1/2	84,566	3 1/2	72,146	
3 3/4	3 3/4	171,244	3 3/4	158,826	3 3/4	146,406	3 3/4	133,987	3 3/4	121,567	3 3/4	109,147	3 3/4	96,727	3 3/4	84,307	3 3/4	71,887	
4	4	170,986	4	158,568	4	146,148	4	133,728	4	121,308	4	108,888	4	96,468	4	84,048	4	71,628	
4 1/4	4 1/4	170,728	4 1/4	158,309	4 1/4	145,889	4 1/4	133,469	4 1/4	121,049	4 1/4	108,629	4 1/4	96,209	4 1/4	83,789	4 1/4	71,370	
4 1/2	4 1/2	170,469	4 1/2	158,050	4 1/2	145,630	4 1/2	133,210	4 1/2	120,790	4 1/2	108,371	4 1/2	95,951	4 1/2	83,531	4 1/2	71,111	
4 3/4	4 3/4	170,211	4 3/4	157,791	4 3/4	145,371	4 3/4	132,952	4 3/4	120,532	4 3/4	108,112	4 3/4	95,692	4 3/4	83,272	4 3/4	70,852	
5	5	169,952	5	157,533	5	145,113	5	132,693	5	120,273	5	107,853	5	95,433	5	83,013	5	70,593	
5 1/4	5 1/4	169,694	5 1/4	157,274	5 1/4	144,854	5 1/4	132,434	5 1/4	120,014	5 1/4	107,594	5 1/4	95,174	5 1/4	82,754	5 1/4	70,335	
5 1/2	5 1/2	169,435	5 1/2	157,015	5 1/2	144,595	5 1/2	132,175	5 1/2	119,755	5 1/2	107,336	5 1/2	94,916	5 1/2	82,496	5 1/2	70,076	
5 3/4	5 3/4	169,176	5 3/4	156,756	5 3/4	144,336	5 3/4	131,917	5 3/4	119,497	5 3/4	107,077	5 3/4	94,657	5 3/4	82,237	5 3/4	69,817	
6	6	168,917	6	156,498	6	144,078	6	131,658	6	119,238	6	106,818	6	94,398	6	81,978	6	69,558	
6 1/4	6 1/4	168,659	6 1/4	156,239	6 1/4	143,819	6 1/4	131,399	6 1/4	118,979	6 1/4	106,559	6 1/4	94,139	6 1/4	81,720	6 1/4	69,300	
6 1/2	6 1/2	168,400	6 1/2	155,980	6 1/2	143,560	6 1/2	131,140	6 1/2	118,720	6 1/2	106,301	6 1/2	93,881	6 1/2	81,461	6 1/2	69,041	
6 3/4	6 3/4	168,141	6 3/4	155,721	6 3/4	143,301	6 3/4	130,882	6 3/4	118,462	6 3/4	106,042	6 3/4	93,622	6 3/4	81,202	6 3/4	68,782	
7	7	167,882	7	155,463	7	143,043	7	130,623	7	118,203	7	105,783	7	93,363	7	80,943	7	68,523	
7 1/4	7 1/4	167,624	7 1/4	155,204	7 1/4	142,784	7 1/4	130,364	7 1/4	117,944	7 1/4	105,524	7 1/4	93,104	7 1/4	80,685	7 1/4	68,265	
7 1/2	7 1/2	167,365	7 1/2	154,945	7 1/2	142,525	7 1/2	130,105	7 1/2	117,685	7 1/2	105,266	7 1/2	92,846	7 1/2	80,426	7 1/2	68,006	
7 3/4	7 3/4	167,106	7 3/4	154,686	7 3/4	142,266	7 3/4	129,847	7 3/4	117,427	7 3/4	105,007	7 3/4	92,587	7 3/4	80,167	7 3/4	67,747	
8	8	166,847	8	154,428	8	142,008	8	129,588	8	117,168	8	104,748	8	92,328	8	79,908	8	67,488	
8 1/4	8 1/4	166,589	8 1/4	154,169	8 1/4	141,749	8 1/4	129,329	8 1/4	116,909	8 1/4	104,489	8 1/4	92,069	8 1/4	79,650	8 1/4	67,230	
8 1/2	8 1/2	166,330	8 1/2	153,910	8 1/2	141,490	8 1/2	129,070	8 1/2	116,650	8 1/2	104,231	8 1/2	91,811	8 1/2	79,391	8 1/2	66,971	
8 3/4	8 3/4	166,071	8 3/4	153,651	8 3/4	141,231	8 3/4	128,812	8 3/4	116,392	8 3/4	103,972	8 3/4	91,552	8 3/4	79,132	8 3/4	66,712	
9	9	165,812	9	153,393	9	140,973	9	128,553	9	116,133	9	103,713	9	91,293	9	78,873	9	66,453	
9 1/4	9 1/4	165,554	9 1/4	153,134	9 1/4	140,714	9 1/4	128,294	9 1/4	115,874	9 1/4	103,454	9 1/4	91,034	9 1/4	78,615	9 1/4	66,195	
9 1/2	9 1/2	165,295	9 1/2	152,875	9 1/2	140,455	9 1/2	128,035	9 1/2	115,615	9 1/2	103,196	9 1/2	90,776	9 1/2	78,356	9 1/2	65,936	
9 3/4	9 3/4	165,036	9 3/4	152,616	9 3/4	140,196	9 3/4	127,777	9 3/4	115,357	9 3/4	102,937	9 3/4	90,517	9 3/4	78,097	9 3/4	65,677	
10	10	164,777	10	152,358	10	139,938	10	127,518	10	115,098	10	102,678	10	90,258	10	77,838	10	65,418	
10 1/4	10 1/4	164,519	10 1/4	152,099	10 1/4	139,679	10 1/4	127,259	10 1/4	114,839	10 1/4	102,419	10 1/4	89,999	10 1/4	77,580	10 1/4	65,160	
10 1/2	10 1/2	164,260	10 1/2	151,840	10 1/2	139,420	10 1/2	127,000	10 1/2	114,580	10 1/2	102,161	10 1/2	89,741	10 1/2	77,321	10 1/2	64,901	
10 3/4	10 3/4	164,001	10 3/4	151,581	10 3/4	139,161	10 3/4	126,742	10 3/4	114,322	10 3/4	101,902	10 3/4	89,482	10 3/4	77,062	10 3/4	64,642	
11	11	163,742	11	151,323	11	138,903	11	126,483	11	114,063	11	101,643	11	89,223	11	76,803	11	64,383	
11 1/4	11 1/4	163,484	11 1/4	151,064	11 1/4	138,644	11 1/4	126,224	11 1/4	113,804	11 1/4	101,384	11 1/4	88,964	11 1/4	76,545	11 1/4	64,125	
11 1/2	11 1/2	163,225	11 1/2	150,805	11 1/2	138,385	11 1/2	125,965	11 1/2	113,545	11 1/2	101,126	11 1/2	88,706	11 1/2	76,286	11 1/2	63,866	
11 3/4	11 3/4	162,966	11 3/4	150,546	11 3/4	138,126	11 3/4	125,707	11 3/4	113,287	11 3/4	100,867	11 3/4	88,447	11 3/4	76,027	11 3/4	63,607	

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
Pasadena, Texas 77588
<http://www.pmacorp.net>



BARGE "IB 1901"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	63,348	0	50,929	0	38,537	0	26,371	0	13,952	0	1,577	0		0		0		0	
1/4	63,090	1/4	50,670	1/4	38,285	1/4	26,113	1/4	13,693	1/4	1,362	1/4		1/4		1/4		1/4	
1/2	62,831	1/2	50,411	1/2	38,033	1/2	25,854	1/2	13,434	1/2	1,147	1/2		1/2		1/2		1/2	
3/4	62,572	3/4	50,152	3/4	37,782	3/4	25,595	3/4	13,176	3/4	931	3/4		3/4		3/4		3/4	
1	62,313	1	49,894	1	37,530	1	25,336	1	12,917	1	716	1		1		1		1	
1 1/4	62,055	1 1/4	49,635	1 1/4	37,278	1 1/4	25,078	1 1/4	12,658	1 1/4	507	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	61,796	1 1/2	49,376	1 1/2	37,026	1 1/2	24,819	1 1/2	12,400	1 1/2	457	1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	61,537	1 3/4	49,117	1 3/4	36,775	1 3/4	24,560	1 3/4	12,141	1 3/4	328	1 3/4		1 3/4		1 3/4		1 3/4	
2	61,278	2	48,859	2	36,523	2	24,302	2	11,882	2	199	2		2		2		2	
2 1/4	61,020	2 1/4	48,600	2 1/4	36,271	2 1/4	24,043	2 1/4	11,623	2 1/4	155	2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	60,761	2 1/2	48,341	2 1/2	36,020	2 1/2	23,784	2 1/2	11,365	2 1/2	112	2 1/2		2 1/2		2 1/2		2 1/2	
2 3/4	60,502	2 3/4	48,082	2 3/4	35,768	2 3/4	23,525	2 3/4	11,106	2 3/4	69	2 3/4		2 3/4		2 3/4		2 3/4	
3	60,243	3	47,824	3	35,516	3	23,267	3	10,847	3	26	3		3		3		3	
3 1/4	59,985	3 1/4	47,565	3 1/4	35,265	3 1/4	23,008	3 1/4	10,588	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	59,726	3 1/2	47,306	3 1/2	35,013	3 1/2	22,749	3 1/2	10,330	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
3 3/4	59,467	3 3/4	47,047	3 3/4	34,761	3 3/4	22,490	3 3/4	10,071	3 3/4		3 3/4		3 3/4		3 3/4		3 3/4	
4	59,208	4	46,789	4	34,510	4	22,232	4	9,812	4		4		4		4		4	
4 1/4	58,950	4 1/4	46,530	4 1/4	34,258	4 1/4	21,973	4 1/4	9,553	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	58,691	4 1/2	46,271	4 1/2	34,006	4 1/2	21,714	4 1/2	9,295	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
4 3/4	58,432	4 3/4	46,012	4 3/4	33,755	4 3/4	21,455	4 3/4	9,036	4 3/4		4 3/4		4 3/4		4 3/4		4 3/4	
5	58,173	5	45,754	5	33,503	5	21,197	5	8,777	5		5		5		5		5	
5 1/4	57,915	5 1/4	45,495	5 1/4	33,251	5 1/4	20,938	5 1/4	8,518	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	57,656	5 1/2	45,236	5 1/2	33,000	5 1/2	20,679	5 1/2	8,260	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
5 3/4	57,397	5 3/4	44,977	5 3/4	32,748	5 3/4	20,420	5 3/4	8,001	5 3/4		5 3/4		5 3/4		5 3/4		5 3/4	
6	57,139	6	44,719	6	32,496	6	20,162	6	7,742	6		6		6		6		6	
6 1/4	56,880	6 1/4	44,460	6 1/4	32,245	6 1/4	19,903	6 1/4	7,484	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	56,621	6 1/2	44,201	6 1/2	31,993	6 1/2	19,644	6 1/2	7,225	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
6 3/4	56,362	6 3/4	43,942	6 3/4	31,741	6 3/4	19,385	6 3/4	6,966	6 3/4		6 3/4		6 3/4		6 3/4		6 3/4	
7	56,104	7	43,684	7	31,490	7	19,127	7	6,708	7		7		7		7		7	
7 1/4	55,845	7 1/4	43,425	7 1/4	31,238	7 1/4	18,868	7 1/4	6,449	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	55,586	7 1/2	43,166	7 1/2	30,986	7 1/2	18,609	7 1/2	6,191	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
7 3/4	55,327	7 3/4	42,907	7 3/4	30,735	7 3/4	18,351	7 3/4	5,932	7 3/4		7 3/4		7 3/4		7 3/4		7 3/4	
8	55,069	8	42,649	8	30,483	8	18,092	8	5,674	8		8		8		8		8	
8 1/4	54,810	8 1/4	42,390	8 1/4	30,231	8 1/4	17,833	8 1/4	5,416	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	54,551	8 1/2	42,131	8 1/2	29,980	8 1/2	17,574	8 1/2	5,158	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
8 3/4	54,292	8 3/4	41,872	8 3/4	29,728	8 3/4	17,316	8 3/4	4,900	8 3/4		8 3/4		8 3/4		8 3/4		8 3/4	
9	54,034	9	41,614	9	29,476	9	17,057	9	4,642	9		9		9		9		9	
9 1/4	53,775	9 1/4	41,355	9 1/4	29,218	9 1/4	16,798	9 1/4	4,385	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	53,516	9 1/2	41,096	9 1/2	28,959	9 1/2	16,539	9 1/2	4,128	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
9 3/4	53,257	9 3/4	40,837	9 3/4	28,700	9 3/4	16,281	9 3/4	3,871	9 3/4		9 3/4		9 3/4		9 3/4		9 3/4	
10	52,999	10	40,579	10	28,441	10	16,022	10	3,614	10		10		10		10		10	
10 1/4	52,740	10 1/4	40,320	10 1/4	28,183	10 1/4	15,763	10 1/4	3,358	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	52,481	10 1/2	40,061	10 1/2	27,924	10 1/2	15,504	10 1/2	3,102	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	52,222	10 3/4	39,802	10 3/4	27,665	10 3/4	15,246	10 3/4	2,846	10 3/4		10 3/4		10 3/4		10 3/4		10 3/4	
11	51,964	11	39,544	11	27,406	11	14,987	11	2,591	11		11		11		11		11	
11 1/4	51,705	11 1/4	39,282	11 1/4	27,148	11 1/4	14,728	11 1/4	2,337	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	51,446	11 1/2	39,040	11 1/2	26,889	11 1/2	14,469	11 1/2	2,084	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	51,187	11 3/4	38,788	11 3/4	26,630	11 3/4	14,211	11 3/4	1,830	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: 04/26/2019 CL
PRINTED: 04/26/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77688
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BARGE "IB 1901"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/2"

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	173,049	0	161,446	0	149,103	0	136,760	0	124,418	0	112,075	0	99,732	0	87,389	0	75,047
1/4	1/4	172,963	1/4	161,189	1/4	148,846	1/4	136,503	1/4	124,161	1/4	111,818	1/4	99,475	1/4	87,132	1/4	74,790	
1/2	1/2	172,877	1/2	160,932	1/2	148,589	1/2	136,246	1/2	123,903	1/2	111,561	1/2	99,218	1/2	86,875	1/2	74,532	
3/4	3/4	172,706	3/4	160,674	3/4	148,332	3/4	135,989	3/4	123,646	3/4	111,304	3/4	98,961	3/4	86,618	3/4	74,275	
1	1	172,534	1	160,417	1	148,075	1	135,732	1	123,389	1	111,046	1	98,704	1	86,361	1	74,018	
1 1/4	1 1/4	172,363	1 1/4	160,180	1 1/4	147,817	1 1/4	135,475	1 1/4	123,132	1 1/4	110,789	1 1/4	98,447	1 1/4	86,104	1 1/4	73,761	
1 1/2	1 1/2	172,192	1 1/2	159,903	1 1/2	147,560	1 1/2	135,218	1 1/2	122,875	1 1/2	110,532	1 1/2	98,189	1 1/2	85,847	1 1/2	73,504	
1 3/4	1 3/4	171,947	1 3/4	159,646	1 3/4	147,303	1 3/4	134,960	1 3/4	122,618	1 3/4	110,275	1 3/4	97,932	1 3/4	85,590	1 3/4	73,247	
2	2	171,702	2	159,389	2	147,046	2	134,703	2	122,361	2	110,018	2	97,675	2	85,332	2	72,990	
2 1/4	2 1/4	171,457	2 1/4	159,132	2 1/4	146,789	2 1/4	134,446	2 1/4	122,103	2 1/4	109,761	2 1/4	97,418	2 1/4	85,075	2 1/4	72,732	
2 1/2	2 1/2	171,212	2 1/2	158,874	2 1/2	146,532	2 1/2	134,189	2 1/2	121,846	2 1/2	109,504	2 1/2	97,161	2 1/2	84,818	2 1/2	72,475	
2 3/4	2 3/4	170,956	2 3/4	158,617	2 3/4	146,275	2 3/4	133,932	2 3/4	121,589	2 3/4	109,246	2 3/4	96,904	2 3/4	84,561	2 3/4	72,218	
3	3	170,700	3	158,360	3	146,017	3	133,675	3	121,332	3	108,989	3	96,647	3	84,304	3	71,961	
3 1/4	3 1/4	170,444	3 1/4	158,103	3 1/4	145,760	3 1/4	133,418	3 1/4	121,075	3 1/4	108,732	3 1/4	96,389	3 1/4	84,047	3 1/4	71,704	
3 1/2	3 1/2	170,188	3 1/2	157,846	3 1/2	145,503	3 1/2	133,160	3 1/2	120,818	3 1/2	108,475	3 1/2	96,132	3 1/2	83,790	3 1/2	71,447	
3 3/4	3 3/4	169,931	3 3/4	157,589	3 3/4	145,246	3 3/4	132,903	3 3/4	120,561	3 3/4	108,218	3 3/4	95,875	3 3/4	83,532	3 3/4	71,190	
4	4	169,674	4	157,332	4	144,989	4	132,646	4	120,303	4	107,961	4	95,618	4	83,275	4	70,933	
4 1/4	4 1/4	169,417	4 1/4	157,074	4 1/4	144,732	4 1/4	132,389	4 1/4	120,046	4 1/4	107,704	4 1/4	95,361	4 1/4	83,018	4 1/4	70,675	
4 1/2	4 1/2	169,160	4 1/2	156,817	4 1/2	144,475	4 1/2	132,132	4 1/2	119,789	4 1/2	107,446	4 1/2	95,104	4 1/2	82,761	4 1/2	70,418	
4 3/4	4 3/4	168,903	4 3/4	156,560	4 3/4	144,217	4 3/4	131,875	4 3/4	119,532	4 3/4	107,189	4 3/4	94,847	4 3/4	82,504	4 3/4	70,161	
5	5	168,646	5	156,303	5	143,960	5	131,618	5	119,275	5	106,932	5	94,589	5	82,247	5	69,904	
5 1/4	5 1/4	168,389	5 1/4	156,046	5 1/4	143,703	5 1/4	131,360	5 1/4	119,018	5 1/4	106,675	5 1/4	94,332	5 1/4	81,990	5 1/4	69,647	
5 1/2	5 1/2	168,132	5 1/2	155,789	5 1/2	143,446	5 1/2	131,103	5 1/2	118,761	5 1/2	106,418	5 1/2	94,075	5 1/2	81,732	5 1/2	69,390	
5 3/4	5 3/4	167,874	5 3/4	155,532	5 3/4	143,189	5 3/4	130,846	5 3/4	118,503	5 3/4	106,161	5 3/4	93,818	5 3/4	81,475	5 3/4	69,133	
6	6	167,617	6	155,274	6	142,932	6	130,589	6	118,246	6	105,904	6	93,561	6	81,218	6	68,875	
6 1/4	6 1/4	167,360	6 1/4	155,017	6 1/4	142,675	6 1/4	130,332	6 1/4	117,989	6 1/4	105,646	6 1/4	93,304	6 1/4	80,961	6 1/4	68,618	
6 1/2	6 1/2	167,103	6 1/2	154,760	6 1/2	142,417	6 1/2	130,075	6 1/2	117,732	6 1/2	105,389	6 1/2	93,047	6 1/2	80,704	6 1/2	68,361	
6 3/4	6 3/4	166,846	6 3/4	154,503	6 3/4	142,160	6 3/4	129,818	6 3/4	117,475	6 3/4	105,132	6 3/4	92,789	6 3/4	80,447	6 3/4	68,104	
7	7	166,589	7	154,246	7	141,903	7	129,560	7	117,218	7	104,875	7	92,532	7	80,190	7	67,847	
7 1/4	7 1/4	166,332	7 1/4	153,989	7 1/4	141,646	7 1/4	129,303	7 1/4	116,961	7 1/4	104,618	7 1/4	92,275	7 1/4	79,932	7 1/4	67,590	
7 1/2	7 1/2	166,074	7 1/2	153,732	7 1/2	141,389	7 1/2	129,046	7 1/2	116,703	7 1/2	104,361	7 1/2	92,018	7 1/2	79,675	7 1/2	67,333	
7 3/4	7 3/4	165,817	7 3/4	153,475	7 3/4	141,132	7 3/4	128,789	7 3/4	116,446	7 3/4	104,104	7 3/4	91,761	7 3/4	79,418	7 3/4	67,075	
8	8	165,560	8	153,217	8	140,875	8	128,532	8	116,189	8	103,846	8	91,504	8	79,161	8	66,818	
8 1/4	8 1/4	165,303	8 1/4	152,960	8 1/4	140,618	8 1/4	128,275	8 1/4	115,932	8 1/4	103,589	8 1/4	91,247	8 1/4	78,904	8 1/4	66,561	
8 1/2	8 1/2	165,046	8 1/2	152,703	8 1/2	140,360	8 1/2	128,018	8 1/2	115,675	8 1/2	103,332	8 1/2	90,989	8 1/2	78,647	8 1/2	66,304	
8 3/4	8 3/4	164,789	8 3/4	152,446	8 3/4	140,103	8 3/4	127,760	8 3/4	115,418	8 3/4	103,075	8 3/4	90,732	8 3/4	78,390	8 3/4	66,047	
9	9	164,532	9	152,189	9	139,846	9	127,503	9	115,161	9	102,818	9	90,475	9	78,132	9	65,790	
9 1/4	9 1/4	164,274	9 1/4	151,932	9 1/4	139,589	9 1/4	127,246	9 1/4	114,903	9 1/4	102,561	9 1/4	90,218	9 1/4	77,875	9 1/4	65,533	
9 1/2	9 1/2	164,017	9 1/2	151,675	9 1/2	139,332	9 1/2	126,989	9 1/2	114,646	9 1/2	102,304	9 1/2	89,961	9 1/2	77,618	9 1/2	65,275	
9 3/4	9 3/4	163,760	9 3/4	151,417	9 3/4	139,075	9 3/4	126,732	9 3/4	114,389	9 3/4	102,046	9 3/4	89,704	9 3/4	77,361	9 3/4	65,018	
10	10	163,503	10	151,160	10	138,818	10	126,475	10	114,132	10	101,789	10	89,447	10	77,104	10	64,761	
10 1/4	10 1/4	163,246	10 1/4	150,903	10 1/4	138,560	10 1/4	126,218	10 1/4	113,875	10 1/4	101,532	10 1/4	89,189	10 1/4	76,847	10 1/4	64,504	
10 1/2	10 1/2	162,989	10 1/2	150,646	10 1/2	138,303	10 1/2	125,961	10 1/2	113,618	10 1/2	101,275	10 1/2	88,932	10 1/2	76,590	10 1/2	64,247	
10 3/4	10 3/4	162,732	10 3/4	150,389	10 3/4	138,046	10 3/4	125,703	10 3/4	113,361	10 3/4	101,018	10 3/4	88,675	10 3/4	76,332	10 3/4	63,990	
11	173,263	11	162,474	11	150,132	11	137,789	11	125,446	11	113,104	11	100,761	11	88,418	11	76,075	11	63,733
11 1/4	173,242	11 1/4	162,217	11 1/4	149,875	11 1/4	137,532	11 1/4	125,189	11 1/4	112,846	11 1/4	100,504	11 1/4	88,161	11 1/4	75,818	11 1/4	63,475
11 1/2	173,220	11 1/2	161,960	11 1/2	149,617	11 1/2	137,275	11 1/2	124,932	11 1/2	112,589	11 1/2	100,246	11 1/2	87,904	11 1/2	75,561	11 1/2	63,218
11 3/4	173,134	11 3/4	161,703	11 3/4	149,360	11 3/4	137,018	11 3/4	124,675	11 3/4	112,332	11 3/4	99,989	11 3/4	87,647	11 3/4	75,304	11 3/4	62,961

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.
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 77588
<http://www.pmacorp.net>



BARGE "IB 1901"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	62,704	0	50,361	0	38,021	0	25,694	0	13,351	0	1,140	0		0					0
1/4	62,447	1/4	50,104	1/4	37,764	1/4	25,436	1/4	13,094	1/4	926	1/4		1/4					1/4
1/2	62,190	1/2	49,847	1/2	37,507	1/2	25,179	1/2	12,837	1/2	712	1/2		1/2					1/2
3/4	61,933	3/4	49,590	3/4	37,251	3/4	24,922	3/4	12,580	3/4	583	3/4		3/4					3/4
1	61,875	1	49,333	1	36,994	1	24,665	1	12,323	1	455	1		1					1
1 1/4	61,418	1 1/4	49,076	1 1/4	36,737	1 1/4	24,408	1 1/4	12,066	1 1/4	326	1 1/4		1 1/4					1 1/4
1 1/2	61,161	1 1/2	48,818	1 1/2	36,481	1 1/2	24,151	1 1/2	11,809	1 1/2	198	1 1/2		1 1/2					1 1/2
1 3/4	60,904	1 3/4	48,561	1 3/4	36,224	1 3/4	23,894	1 3/4	11,551	1 3/4	155	1 3/4		1 3/4					1 3/4
2	60,647	2	48,304	2	35,967	2	23,637	2	11,294	2	112	2		2					2
2 1/4	60,390	2 1/4	48,047	2 1/4	35,711	2 1/4	23,379	2 1/4	11,037	2 1/4	69	2 1/4		2 1/4					2 1/4
2 1/2	60,133	2 1/2	47,790	2 1/2	35,454	2 1/2	23,122	2 1/2	10,780	2 1/2	26	2 1/2		2 1/2					2 1/2
2 3/4	59,875	2 3/4	47,533	2 3/4	35,197	2 3/4	22,865	2 3/4	10,523	2 3/4		2 3/4		2 3/4					2 3/4
3	59,818	3	47,276	3	34,941	3	22,608	3	10,266	3		3		3					3
3 1/4	59,361	3 1/4	47,018	3 1/4	34,684	3 1/4	22,351	3 1/4	10,009	3 1/4		3 1/4		3 1/4					3 1/4
3 1/2	59,104	3 1/2	46,761	3 1/2	34,427	3 1/2	22,094	3 1/2	9,751	3 1/2		3 1/2		3 1/2					3 1/2
3 3/4	58,847	3 3/4	46,504	3 3/4	34,170	3 3/4	21,837	3 3/4	9,494	3 3/4		3 3/4		3 3/4					3 3/4
4	58,590	4	46,247	4	33,914	4	21,580	4	9,237	4		4		4					4
4 1/4	58,333	4 1/4	45,990	4 1/4	33,657	4 1/4	21,322	4 1/4	8,980	4 1/4		4 1/4		4 1/4					4 1/4
4 1/2	58,076	4 1/2	45,733	4 1/2	33,400	4 1/2	21,065	4 1/2	8,723	4 1/2		4 1/2		4 1/2					4 1/2
4 3/4	57,818	4 3/4	45,476	4 3/4	33,144	4 3/4	20,808	4 3/4	8,466	4 3/4		4 3/4		4 3/4					4 3/4
5	57,561	5	45,218	5	32,887	5	20,551	5	8,209	5		5		5					5
5 1/4	57,304	5 1/4	44,961	5 1/4	32,630	5 1/4	20,294	5 1/4	7,952	5 1/4		5 1/4		5 1/4					5 1/4
5 1/2	57,047	5 1/2	44,704	5 1/2	32,374	5 1/2	20,037	5 1/2	7,694	5 1/2		5 1/2		5 1/2					5 1/2
5 3/4	56,790	5 3/4	44,447	5 3/4	32,117	5 3/4	19,780	5 3/4	7,437	5 3/4		5 3/4		5 3/4					5 3/4
6	56,533	6	44,190	6	31,860	6	19,522	6	7,180	6		6		6					6
6 1/4	56,276	6 1/4	43,933	6 1/4	31,604	6 1/4	19,265	6 1/4	6,923	6 1/4		6 1/4		6 1/4					6 1/4
6 1/2	56,018	6 1/2	43,676	6 1/2	31,347	6 1/2	19,008	6 1/2	6,666	6 1/2		6 1/2		6 1/2					6 1/2
6 3/4	55,761	6 3/4	43,419	6 3/4	31,090	6 3/4	18,751	6 3/4	6,409	6 3/4		6 3/4		6 3/4					6 3/4
7	55,504	7	43,161	7	30,834	7	18,494	7	6,152	7		7		7					7
7 1/4	55,247	7 1/4	42,904	7 1/4	30,577	7 1/4	18,237	7 1/4	5,896	7 1/4		7 1/4		7 1/4					7 1/4
7 1/2	54,990	7 1/2	42,647	7 1/2	30,320	7 1/2	17,980	7 1/2	5,639	7 1/2		7 1/2		7 1/2					7 1/2
7 3/4	54,733	7 3/4	42,390	7 3/4	30,064	7 3/4	17,723	7 3/4	5,382	7 3/4		7 3/4		7 3/4					7 3/4
8	54,476	8	42,133	8	29,807	8	17,466	8	5,126	8		8		8					8
8 1/4	54,218	8 1/4	41,876	8 1/4	29,550	8 1/4	17,208	8 1/4	4,870	8 1/4		8 1/4		8 1/4					8 1/4
8 1/2	53,961	8 1/2	41,619	8 1/2	29,293	8 1/2	16,951	8 1/2	4,613	8 1/2		8 1/2		8 1/2					8 1/2
8 3/4	53,704	8 3/4	41,361	8 3/4	29,036	8 3/4	16,694	8 3/4	4,356	8 3/4		8 3/4		8 3/4					8 3/4
9	53,447	9	41,104	9	28,779	9	16,437	9	4,100	9		9		9					9
9 1/4	53,190	9 1/4	40,847	9 1/4	28,522	9 1/4	16,180	9 1/4	3,847	9 1/4		9 1/4		9 1/4					9 1/4
9 1/2	52,933	9 1/2	40,590	9 1/2	28,265	9 1/2	15,923	9 1/2	3,591	9 1/2		9 1/2		9 1/2					9 1/2
9 3/4	52,676	9 3/4	40,333	9 3/4	28,008	9 3/4	15,665	9 3/4	3,337	9 3/4		9 3/4		9 3/4					9 3/4
10	52,418	10	40,076	10	27,751	10	15,408	10	3,083	10		10		10					10
10 1/4	52,161	10 1/4	39,819	10 1/4	27,494	10 1/4	15,151	10 1/4	2,829	10 1/4		10 1/4		10 1/4					10 1/4
10 1/2	51,904	10 1/2	39,561	10 1/2	27,236	10 1/2	14,894	10 1/2	2,575	10 1/2		10 1/2		10 1/2					10 1/2
10 3/4	51,647	10 3/4	39,305	10 3/4	26,979	10 3/4	14,637	10 3/4	2,323	10 3/4		10 3/4		10 3/4					10 3/4
11	51,390	11	39,048	11	26,722	11	14,380	11	2,071	11		11		11					11
11 1/4	51,133	11 1/4	38,791	11 1/4	26,465	11 1/4	14,123	11 1/4	1,819	11 1/4		11 1/4		11 1/4					11 1/4
11 1/2	50,876	11 1/2	38,534	11 1/2	26,208	11 1/2	13,866	11 1/2	1,567	11 1/2		11 1/2		11 1/2					11 1/2
11 3/4	50,618	11 3/4	38,278	11 3/4	25,951	11 3/4	13,608	11 3/4	1,354	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: 04/26/2019 CL
PRINTED: 04/26/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019

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