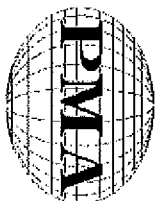


6/21



BARGE "IB 1911"

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>
1 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-3/8	- 00-3/8
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8

(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 8, 2019

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

<http://www.pmacorp.net>



BARGE "IB 191"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	161,178	0	153,712	0	145,340	0	136,968	0	128,596	0	118,039	0	106,100	0	92,164	0	79,223	0
1/4	1/4	161,155	1/4	153,538	1/4	145,166	1/4	136,793	1/4	128,421	1/4	117,769	1/4	104,830	1/4	91,894	1/4	78,954	1/4
1/2	1/2	161,065	1/2	153,363	1/2	144,911	1/2	136,619	1/2	128,247	1/2	117,500	1/2	104,561	1/2	91,625	1/2	78,684	1/2
3/4	3/4	160,975	3/4	153,189	3/4	144,817	3/4	136,444	3/4	128,072	3/4	117,230	3/4	104,291	3/4	91,355	3/4	78,414	3/4
1	1	160,885	1	153,015	1	144,642	1	136,270	1	127,898	1	116,961	1	104,022	1	91,085	1	78,145	1
1 1/4	1 1/4	160,795	1 1/4	152,840	1 1/4	144,468	1 1/4	136,096	1 1/4	127,723	1 1/4	116,691	1 1/4	103,753	1 1/4	90,816	1 1/4	77,875	1 1/4
1 1/2	1 1/2	160,711	1 1/2	152,666	1 1/2	144,293	1 1/2	135,921	1 1/2	127,549	1 1/2	116,421	1 1/2	103,483	1 1/2	90,546	1 1/2	77,606	1 1/2
3/4	3/4	160,626	3/4	152,491	3/4	144,119	3/4	135,747	3/4	127,375	3/4	116,152	3/4	103,214	3/4	90,277	3/4	77,336	3/4
2	2	160,542	2	152,317	2	143,945	2	135,572	2	127,200	2	115,882	2	102,944	2	90,007	2	77,066	2
1 1/4	1 1/4	160,458	1 1/4	152,142	1 1/4	143,770	1 1/4	135,398	1 1/4	127,026	1 1/4	115,613	1 1/4	102,675	1 1/4	89,737	1 1/4	76,797	1 1/4
1 1/2	1 1/2	160,374	1 1/2	151,968	1 1/2	143,596	1 1/2	135,224	1 1/2	126,851	1 1/2	115,343	1 1/2	102,406	1 1/2	89,468	1 1/2	76,527	1 1/2
3/4	3/4	160,294	3/4	151,794	3/4	143,421	3/4	135,049	3/4	126,677	3/4	115,073	3/4	102,136	3/4	89,198	3/4	76,258	3/4
3	3	159,973	3	151,619	3	143,247	3	134,875	3	126,502	3	114,804	3	101,867	3	88,929	3	75,988	3
1 1/4	1 1/4	159,811	1 1/4	151,445	1 1/4	143,072	1 1/4	134,700	1 1/4	126,328	1 1/4	114,534	1 1/4	101,597	1 1/4	88,659	1 1/4	75,719	1 1/4
1 1/2	1 1/2	159,638	1 1/2	151,270	1 1/2	142,898	1 1/2	134,526	1 1/2	126,154	1 1/2	114,265	1 1/2	101,328	1 1/2	88,390	1 1/2	75,449	1 1/2
3/4	3/4	159,465	3/4	151,096	3/4	142,724	3/4	134,351	3/4	125,979	3/4	113,995	3/4	101,059	3/4	88,120	3/4	75,179	3/4
4	4	159,291	4	150,921	4	142,549	4	134,177	4	125,805	4	113,725	4	100,789	4	87,850	4	74,910	4
1 1/4	1 1/4	159,118	1 1/4	150,747	1 1/4	142,375	1 1/4	134,003	1 1/4	125,631	1 1/4	113,456	1 1/4	100,520	1 1/4	87,581	1 1/4	74,640	1 1/4
1 1/2	1 1/2	158,944	1 1/2	150,573	1 1/2	142,200	1 1/2	133,828	1 1/2	125,457	1 1/2	113,186	1 1/2	100,250	1 1/2	87,311	1 1/2	74,371	1 1/2
3/4	3/4	158,770	3/4	150,398	3/4	142,026	3/4	133,654	3/4	125,283	3/4	112,917	3/4	99,981	3/4	87,042	3/4	74,101	3/4
5	5	158,596	5	150,224	5	141,852	5	133,479	5	125,109	5	112,647	5	99,712	5	86,772	5	73,831	5
1 1/4	1 1/4	158,422	1 1/4	150,049	1 1/4	141,677	1 1/4	133,305	1 1/4	124,935	1 1/4	112,377	1 1/4	99,442	1 1/4	86,502	1 1/4	73,562	1 1/4
1 1/2	1 1/2	158,247	1 1/2	149,875	1 1/2	141,503	1 1/2	133,130	1 1/2	124,761	1 1/2	112,108	1 1/2	99,173	1 1/2	86,233	1 1/2	73,293	1 1/2
3/4	3/4	158,073	3/4	149,701	3/4	141,328	3/4	132,956	3/4	124,587	3/4	111,838	3/4	98,903	3/4	85,963	3/4	73,024	3/4
6	6	157,898	6	149,526	6	141,154	6	132,782	6	124,414	6	111,569	6	98,634	6	85,694	6	72,754	6
1 1/4	1 1/4	157,724	1 1/4	149,352	1 1/4	140,979	1 1/4	132,607	1 1/4	124,240	1 1/4	111,299	1 1/4	98,365	1 1/4	85,424	1 1/4	72,486	1 1/4
1 1/2	1 1/2	157,549	1 1/2	149,177	1 1/2	140,805	1 1/2	132,433	1 1/2	123,970	1 1/2	111,029	1 1/2	98,095	1 1/2	85,154	1 1/2	72,217	1 1/2
3/4	3/4	157,375	3/4	148,903	3/4	140,631	3/4	132,258	3/4	123,700	3/4	110,760	3/4	97,825	3/4	84,885	3/4	71,948	3/4
7	7	157,201	7	148,728	7	140,456	7	132,084	7	123,531	7	110,490	7	97,556	7	84,615	7	71,679	7
1 1/4	1 1/4	157,026	1 1/4	148,554	1 1/4	140,282	1 1/4	131,910	1 1/4	123,361	1 1/4	110,221	1 1/4	97,286	1 1/4	84,346	1 1/4	71,410	1 1/4
1 1/2	1 1/2	156,852	1 1/2	148,380	1 1/2	140,107	1 1/2	131,735	1 1/2	122,992	1 1/2	109,951	1 1/2	97,017	1 1/2	84,076	1 1/2	71,141	1 1/2
3/4	3/4	156,677	3/4	148,305	3/4	139,933	3/4	131,561	3/4	122,822	3/4	109,681	3/4	96,747	3/4	83,806	3/4	70,872	3/4
8	8	156,503	8	148,131	8	139,758	8	131,386	8	122,652	8	109,412	8	96,477	8	83,537	8	70,603	8
1 1/4	1 1/4	156,329	1 1/4	147,956	1 1/4	139,584	1 1/4	131,212	1 1/4	122,483	1 1/4	109,142	1 1/4	96,208	1 1/4	83,267	1 1/4	70,334	1 1/4
1 1/2	1 1/2	156,154	1 1/2	147,782	1 1/2	139,410	1 1/2	131,037	1 1/2	122,313	1 1/2	108,873	1 1/2	95,938	1 1/2	82,998	1 1/2	70,065	1 1/2
3/4	3/4	155,980	3/4	147,607	3/4	139,235	3/4	130,863	3/4	122,144	3/4	108,603	3/4	95,669	3/4	82,728	3/4	69,796	3/4
9	9	155,805	9	147,433	9	139,061	9	130,689	9	121,974	9	108,334	9	95,399	9	82,458	9	69,527	9
1 1/4	1 1/4	155,631	1 1/4	147,259	1 1/4	138,886	1 1/4	130,514	1 1/4	121,805	1 1/4	108,064	1 1/4	95,129	1 1/4	82,189	1 1/4	69,258	1 1/4
1 1/2	1 1/2	155,456	1 1/2	147,084	1 1/2	138,712	1 1/2	130,340	1 1/2	121,635	1 1/2	107,794	1 1/2	94,860	1 1/2	81,919	1 1/2	68,989	1 1/2
3/4	3/4	155,282	3/4	146,910	3/4	138,538	3/4	130,165	3/4	121,465	3/4	107,525	3/4	94,590	3/4	81,650	3/4	68,720	3/4
10	10	155,108	10	146,735	10	138,363	10	129,991	10	120,296	10	107,255	10	94,321	10	81,380	10	68,451	10
1 1/4	1 1/4	154,933	1 1/4	146,561	1 1/4	138,189	1 1/4	129,816	1 1/4	119,926	1 1/4	106,986	1 1/4	94,051	1 1/4	81,110	1 1/4	68,182	1 1/4
1 1/2	1 1/2	154,759	1 1/2	146,387	1 1/2	138,014	1 1/2	129,642	1 1/2	119,757	1 1/2	106,716	1 1/2	93,781	1 1/2	80,841	1 1/2	67,913	1 1/2
3/4	3/4	154,584	3/4	146,212	3/4	137,840	3/4	129,468	3/4	119,587	3/4	106,447	3/4	93,512	3/4	80,571	3/4	67,644	3/4
11	11	154,410	11	146,038	11	137,665	11	129,293	11	119,417	11	106,177	11	93,242	11	80,302	11	67,375	11
1 1/4	1 1/4	154,235	1 1/4	145,863	1 1/4	137,491	1 1/4	129,119	1 1/4	119,248	1 1/4	105,908	1 1/4	92,973	1 1/4	80,032	1 1/4	67,106	1 1/4
1 1/2	1 1/2	154,061	1 1/2	145,689	1 1/2	137,317	1 1/2	128,944	1 1/2	118,878	1 1/2	105,639	1 1/2	92,703	1 1/2	79,762	1 1/2	66,837	1 1/2
3/4	3/4	153,887	3/4	145,514	3/4	137,142	3/4	128,770	3/4	118,509	3/4	105,369	3/4	92,433	3/4	79,493	3/4	66,568	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2052
Pearland, Texas 77588
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BARGE "IB 1911"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 15'-03 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	66,299	0	53,371	0	40,452	0	27,768	0	14,824	0	1,910	0	0	0	0	0	0	0	0
1/4	66,030	1/4	53,101	1/4	40,188	1/4	27,498	1/4	14,555	1/4	1,646	1/4	1,646	1/4	1,646	1/4	1,646	1/4	1,646
1/2	65,761	1/2	52,832	1/2	39,923	1/2	27,229	1/2	14,285	1/2	1,421	1/2	1,421	1/2	1,421	1/2	1,421	1/2	1,421
3/4	65,492	3/4	52,562	3/4	39,659	3/4	26,959	3/4	14,015	3/4	1,196	3/4	1,196	3/4	1,196	3/4	1,196	3/4	1,196
1	65,223	1	52,293	1	39,395	1	26,689	1	13,746	1	972	1	972	1	972	1	972	1	972
1/4	64,954	1/4	52,023	1/4	39,131	1/4	26,420	1/4	13,476	1/4	747	1/4	747	1/4	747	1/4	747	1/4	747
1/2	64,685	1/2	51,754	1/2	38,868	1/2	26,150	1/2	13,206	1/2	612	1/2	612	1/2	612	1/2	612	1/2	612
3/4	64,416	3/4	51,484	3/4	38,606	3/4	25,880	3/4	12,937	3/4	477	3/4	477	3/4	477	3/4	477	3/4	477
2	64,147	2	51,215	2	38,343	2	25,611	2	12,667	2	342	2	342	2	342	2	342	2	342
1/4	63,878	1/4	50,945	1/4	38,081	1/4	25,341	1/4	12,397	1/4	207	1/4	207	1/4	207	1/4	207	1/4	207
1/2	63,609	1/2	50,676	1/2	37,819	1/2	25,071	1/2	12,128	1/2	162	1/2	162	1/2	162	1/2	162	1/2	162
3/4	63,340	3/4	50,407	3/4	37,556	3/4	24,802	3/4	11,858	3/4	117	3/4	117	3/4	117	3/4	117	3/4	117
3	63,071	3	50,137	3	37,292	3	24,532	3	11,588	3	72	3	72	3	72	3	72	3	72
1/4	62,802	1/4	49,868	1/4	37,022	1/4	24,262	1/4	11,319	1/4	26	1/4	26	1/4	26	1/4	26	1/4	26
1/2	62,533	1/2	49,598	1/2	36,759	1/2	23,993	1/2	11,049	1/2	21	1/2	21	1/2	21	1/2	21	1/2	21
3/4	62,263	3/4	49,329	3/4	36,507	3/4	23,723	3/4	10,779	3/4	16	3/4	16	3/4	16	3/4	16	3/4	16
4	61,994	4	49,059	4	36,244	4	23,453	4	10,510	4	11	4	11	4	11	4	11	4	11
1/4	61,724	1/4	48,790	1/4	35,982	1/4	23,184	1/4	10,240	1/4	6	1/4	6	1/4	6	1/4	6	1/4	6
1/2	61,455	1/2	48,520	1/2	35,720	1/2	22,914	1/2	9,970	1/2	1	1/2	1	1/2	1	1/2	1	1/2	1
3/4	61,185	3/4	48,251	3/4	35,457	3/4	22,644	3/4	9,700	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
5	60,916	5	47,981	5	35,195	5	22,375	5	9,430	5	0	5	0	5	0	5	0	5	0
1/4	60,646	1/4	47,712	1/4	34,932	1/4	22,105	1/4	9,160	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	60,377	1/2	47,442	1/2	34,670	1/2	21,835	1/2	8,891	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	60,107	3/4	47,173	3/4	34,408	3/4	21,565	3/4	8,621	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
6	59,838	6	46,903	6	34,145	6	21,296	6	8,351	6	0	6	0	6	0	6	0	6	0
1/4	59,568	1/4	46,634	1/4	33,883	1/4	21,027	1/4	8,081	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	59,299	1/2	46,365	1/2	33,620	1/2	20,757	1/2	7,811	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	59,029	3/4	46,095	3/4	33,358	3/4	20,487	3/4	7,541	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
7	58,760	7	45,826	7	33,096	7	20,218	7	7,272	7	0	7	0	7	0	7	0	7	0
1/4	58,491	1/4	45,556	1/4	32,833	1/4	19,948	1/4	7,002	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	58,221	1/2	45,287	1/2	32,571	1/2	19,678	1/2	6,732	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	57,952	3/4	45,017	3/4	32,309	3/4	19,409	3/4	6,463	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
8	57,682	8	44,748	8	32,046	8	19,139	8	6,193	8	0	8	0	8	0	8	0	8	0
1/4	57,413	1/4	44,478	1/4	31,784	1/4	18,869	1/4	5,923	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	57,143	1/2	44,209	1/2	31,521	1/2	18,600	1/2	5,654	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	56,874	3/4	43,939	3/4	31,259	3/4	18,330	3/4	5,385	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
9	56,604	9	43,670	9	30,997	9	18,060	9	5,115	9	0	9	0	9	0	9	0	9	0
1/4	56,335	1/4	43,400	1/4	30,734	1/4	17,791	1/4	4,846	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	56,065	1/2	43,131	1/2	30,465	1/2	17,521	1/2	4,577	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	55,796	3/4	42,861	3/4	30,195	3/4	17,251	3/4	4,309	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
10	55,526	10	42,592	10	29,925	10	16,982	10	4,041	10	0	10	0	10	0	10	0	10	0
1/4	55,257	1/4	42,323	1/4	29,656	1/4	16,712	1/4	3,772	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	54,987	1/2	42,053	1/2	29,386	1/2	16,442	1/2	3,505	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	54,718	3/4	41,784	3/4	29,116	3/4	16,173	3/4	3,238	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
11	54,449	11	41,514	11	28,847	11	15,903	11	2,971	11	0	11	0	11	0	11	0	11	0
1/4	54,179	1/4	41,245	1/4	28,577	1/4	15,633	1/4	2,704	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	53,910	1/2	40,980	1/2	28,307	1/2	15,364	1/2	2,440	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	53,640	3/4	40,716	3/4	28,038	3/4	15,094	3/4	2,175	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2019 JS
 CALCULATED: 06/07/2019 CL
 PRINTED: 06/08/2019 CL
 CANCELLED AND SUPERCEDES
 ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
 http://www.pmaacorp.net



BARGE "IB 1911"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	173,990	0	162,485	0	150,062	0	137,640	0	125,217	0	112,794	0	100,372	0	87,949	0	75,527	0
1/4	1/4	173,904	1/4	162,256	1/4	149,804	1/4	137,381	1/4	124,958	1/4	112,536	1/4	100,113	1/4	87,690	1/4	75,268	1/4
1/2	1/2	173,818	1/2	161,967	1/2	149,545	1/2	137,122	1/2	124,699	1/2	112,277	1/2	99,854	1/2	87,432	1/2	75,009	1/2
3/4	3/4	173,732	3/4	161,709	3/4	149,286	3/4	136,863	3/4	124,444	3/4	112,018	3/4	99,595	3/4	87,173	3/4	74,750	3/4
1	1	173,559	1	161,450	1	148,927	1	136,604	1	124,182	1	111,759	1	99,337	1	86,914	1	74,423	1
1/4	1/4	173,387	1/4	161,191	1/4	148,768	1/4	136,346	1/4	123,923	1/4	111,500	1/4	99,078	1/4	86,655	1/4	74,232	1/4
1/2	1/2	173,214	1/2	160,932	1/2	148,510	1/2	136,087	1/2	123,664	1/2	111,242	1/2	98,819	1/2	86,396	1/2	73,974	1/2
3/4	3/4	173,041	3/4	160,673	3/4	148,251	3/4	135,828	3/4	123,405	3/4	110,983	3/4	98,560	3/4	86,138	3/4	73,715	3/4
2	2	172,795	2	160,415	2	147,992	2	135,569	2	123,147	2	110,724	2	98,301	2	85,879	2	73,456	2
1/4	1/4	172,548	1/4	160,156	1/4	147,733	1/4	135,310	1/4	122,888	1/4	110,465	1/4	98,043	1/4	85,620	1/4	73,197	1/4
1/2	1/2	172,302	1/2	159,897	1/2	147,474	1/2	135,052	1/2	122,629	1/2	110,206	1/2	97,784	1/2	85,361	1/2	72,938	1/2
3/4	3/4	172,055	3/4	159,638	3/4	147,215	3/4	134,793	3/4	122,370	3/4	109,948	3/4	97,525	3/4	85,102	3/4	72,680	3/4
3	3	171,797	3	159,379	3	146,957	3	134,534	3	122,111	3	109,689	3	97,266	3	84,844	3	72,421	3
1/4	1/4	171,540	1/4	159,121	1/4	146,698	1/4	134,275	1/4	121,853	1/4	109,430	1/4	97,007	1/4	84,585	1/4	72,162	1/4
1/2	1/2	171,282	1/2	158,862	1/2	146,439	1/2	134,016	1/2	121,594	1/2	109,171	1/2	96,749	1/2	84,326	1/2	71,903	1/2
3/4	3/4	171,025	3/4	158,603	3/4	146,180	3/4	133,758	3/4	121,335	3/4	108,912	3/4	96,490	3/4	84,067	3/4	71,644	3/4
4	4	170,766	4	158,344	4	145,921	4	133,499	4	121,076	4	108,654	4	96,231	4	83,808	4	71,386	4
1/4	1/4	170,507	1/4	158,085	1/4	145,663	1/4	133,240	1/4	120,817	1/4	108,395	1/4	95,972	1/4	83,549	1/4	71,127	1/4
1/2	1/2	170,249	1/2	157,826	1/2	145,404	1/2	132,981	1/2	120,559	1/2	108,136	1/2	95,713	1/2	83,291	1/2	70,868	1/2
3/4	3/4	169,990	3/4	157,568	3/4	145,145	3/4	132,722	3/4	120,300	3/4	107,877	3/4	95,455	3/4	83,032	3/4	70,609	3/4
5	5	169,732	5	157,309	5	144,886	5	132,464	5	120,041	5	107,618	5	95,196	5	82,773	5	70,350	5
1/4	1/4	169,473	1/4	157,050	1/4	144,627	1/4	132,205	1/4	119,782	1/4	107,360	1/4	94,937	1/4	82,514	1/4	70,092	1/4
1/2	1/2	169,214	1/2	156,791	1/2	144,369	1/2	131,946	1/2	119,523	1/2	107,101	1/2	94,678	1/2	82,255	1/2	69,833	1/2
3/4	3/4	168,955	3/4	156,532	3/4	144,110	3/4	131,687	3/4	119,265	3/4	106,842	3/4	94,419	3/4	81,997	3/4	69,574	3/4
6	6	168,696	6	156,274	6	143,851	6	131,428	6	119,006	6	106,583	6	94,160	6	81,738	6	69,315	6
1/4	1/4	168,437	1/4	156,015	1/4	143,592	1/4	131,170	1/4	118,747	1/4	106,324	1/4	93,902	1/4	81,479	1/4	69,056	1/4
1/2	1/2	168,179	1/2	155,756	1/2	143,333	1/2	130,911	1/2	118,488	1/2	106,066	1/2	93,643	1/2	81,220	1/2	68,798	1/2
3/4	3/4	167,920	3/4	155,497	3/4	143,075	3/4	130,652	3/4	118,229	3/4	105,807	3/4	93,384	3/4	80,961	3/4	68,539	3/4
7	7	167,661	7	155,238	7	142,816	7	130,393	7	117,971	7	105,548	7	93,125	7	80,703	7	68,280	7
1/4	1/4	167,402	1/4	154,980	1/4	142,557	1/4	130,134	1/4	117,712	1/4	105,289	1/4	92,866	1/4	80,444	1/4	68,021	1/4
1/2	1/2	167,143	1/2	154,721	1/2	142,298	1/2	129,876	1/2	117,453	1/2	105,030	1/2	92,608	1/2	80,185	1/2	67,762	1/2
3/4	3/4	166,885	3/4	154,462	3/4	142,039	3/4	129,617	3/4	117,194	3/4	104,771	3/4	92,349	3/4	79,926	3/4	67,504	3/4
8	8	166,626	8	154,203	8	141,781	8	129,358	8	116,935	8	104,513	8	92,090	8	79,667	8	67,245	8
1/4	1/4	166,367	1/4	153,944	1/4	141,522	1/4	129,099	1/4	116,677	1/4	104,254	1/4	91,831	1/4	79,409	1/4	66,986	1/4
1/2	1/2	166,108	1/2	153,685	1/2	141,263	1/2	128,840	1/2	116,418	1/2	103,995	1/2	91,572	1/2	79,150	1/2	66,727	1/2
3/4	3/4	165,849	3/4	153,427	3/4	141,004	3/4	128,582	3/4	116,159	3/4	103,736	3/4	91,314	3/4	78,891	3/4	66,468	3/4
9	9	165,591	9	153,168	9	140,745	9	128,323	9	115,900	9	103,477	9	91,055	9	78,632	9	66,210	9
1/4	1/4	165,332	1/4	152,909	1/4	140,487	1/4	128,064	1/4	115,641	1/4	103,219	1/4	90,796	1/4	78,373	1/4	65,951	1/4
1/2	1/2	165,073	1/2	152,650	1/2	140,228	1/2	127,805	1/2	115,382	1/2	102,961	1/2	90,537	1/2	78,115	1/2	65,692	1/2
3/4	3/4	164,814	3/4	152,392	3/4	139,969	3/4	127,546	3/4	115,124	3/4	102,701	3/4	90,278	3/4	77,856	3/4	65,433	3/4
10	10	164,555	10	152,133	10	139,710	10	127,288	10	114,865	10	102,442	10	90,020	10	77,597	10	65,174	10
1/4	1/4	164,297	1/4	151,874	1/4	139,451	1/4	127,029	1/4	114,606	1/4	102,183	1/4	89,761	1/4	77,338	1/4	64,916	1/4
1/2	1/2	164,038	1/2	151,615	1/2	139,193	1/2	126,770	1/2	114,347	1/2	101,925	1/2	89,502	1/2	77,079	1/2	64,657	1/2
3/4	3/4	163,779	3/4	151,356	3/4	138,934	3/4	126,511	3/4	114,088	3/4	101,666	3/4	89,243	3/4	76,821	3/4	64,398	3/4
11	11	163,520	11	151,098	11	138,675	11	126,252	11	113,830	11	101,407	11	88,984	11	76,562	11	64,139	11
1/4	1/4	163,261	1/4	150,839	1/4	138,416	1/4	125,993	1/4	113,571	1/4	101,148	1/4	88,726	1/4	76,303	1/4	63,880	1/4
1/2	1/2	163,003	1/2	150,580	1/2	138,157	1/2	125,735	1/2	113,312	1/2	100,889	1/2	88,467	1/2	76,044	1/2	63,621	1/2
3/4	3/4	162,744	3/4	150,321	3/4	137,899	3/4	125,476	3/4	113,053	3/4	100,631	3/4	88,208	3/4	75,785	3/4	63,363	3/4

GAUGE HEIGHT 15'-02 3/4"

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MEMS 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

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pasland, Texas 77588

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BARGE "IB 1911"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	63,104	0	50,661	0	38,294	0	26,119	0	13,696	0	1,362	0	0	0	0	0	0	0	0
1/4	62,845	1/4	50,422	1/4	38,042	1/4	25,860	1/4	13,438	1/4	1,147	1/4	1,147	1/4	1,147	1/4	1,147	1/4	1,147
1/2	62,586	1/2	50,164	1/2	37,790	1/2	25,601	1/2	13,179	1/2	932	1/2	932	1/2	932	1/2	932	1/2	932
3/4	62,327	3/4	49,905	3/4	37,538	3/4	25,342	3/4	12,920	3/4	716	3/4	716	3/4	716	3/4	716	3/4	716
1	62,069	1	49,646	1	37,287	1	25,083	1	12,661	1	507	1	507	1	507	1	507	1	507
1/4	61,810	1/4	49,387	1/4	37,035	1/4	24,835	1/4	12,402	1/4	458	1/4	458	1/4	458	1/4	458	1/4	458
1/2	61,551	1/2	49,128	1/2	36,783	1/2	24,586	1/2	12,144	1/2	338	1/2	338	1/2	338	1/2	338	1/2	338
3/4	61,292	3/4	48,870	3/4	36,531	3/4	24,337	3/4	11,885	3/4	199	3/4	199	3/4	199	3/4	199	3/4	199
2	61,033	2	48,611	2	36,280	2	24,048	2	11,626	2	156	2	156	2	156	2	156	2	156
1/4	60,775	1/4	48,352	1/4	36,028	1/4	23,790	1/4	11,367	1/4	113	1/4	113	1/4	113	1/4	113	1/4	113
1/2	60,516	1/2	48,093	1/2	35,776	1/2	23,531	1/2	11,109	1/2	69	1/2	69	1/2	69	1/2	69	1/2	69
3/4	60,257	3/4	47,834	3/4	35,524	3/4	23,272	3/4	10,850	3/4	26	3/4	26	3/4	26	3/4	26	3/4	26
3	59,998	3	47,576	3	35,273	3	23,013	3	10,591	3	3	3	3	3	3	3	3	3	3
1/4	59,739	1/4	47,317	1/4	35,021	1/4	22,754	1/4	10,332	1/4	3	1/4	3	1/4	3	1/4	3	1/4	3
1/2	59,481	1/2	47,058	1/2	34,769	1/2	22,496	1/2	10,073	1/2	3	1/2	3	1/2	3	1/2	3	1/2	3
3/4	59,222	3/4	46,799	3/4	34,518	3/4	22,237	3/4	9,815	3/4	3	3/4	3	3/4	3	3/4	3	3/4	3
4	58,963	4	46,540	4	34,266	4	21,978	4	9,556	4	4	4	4	4	4	4	4	4	4
1/4	58,704	1/4	46,282	1/4	34,014	1/4	21,719	1/4	9,297	1/4	4	1/4	4	1/4	4	1/4	4	1/4	4
1/2	58,445	1/2	46,023	1/2	33,762	1/2	21,460	1/2	9,038	1/2	4	1/2	4	1/2	4	1/2	4	1/2	4
3/4	58,187	3/4	45,764	3/4	33,511	3/4	21,202	3/4	8,779	3/4	4	3/4	4	3/4	4	3/4	4	3/4	4
5	57,928	5	45,505	5	33,259	5	20,943	5	8,521	5	5	5	5	5	5	5	5	5	5
1/4	57,669	1/4	45,246	1/4	33,007	1/4	20,684	1/4	8,262	1/4	5	1/4	5	1/4	5	1/4	5	1/4	5
1/2	57,410	1/2	44,988	1/2	32,755	1/2	20,425	1/2	8,003	1/2	5	1/2	5	1/2	5	1/2	5	1/2	5
3/4	57,151	3/4	44,729	3/4	32,504	3/4	20,166	3/4	7,744	3/4	5	3/4	5	3/4	5	3/4	5	3/4	5
6	56,893	6	44,470	6	32,252	6	19,908	6	7,485	6	6	6	6	6	6	6	6	6	6
1/4	56,634	1/4	44,211	1/4	32,000	1/4	19,649	1/4	7,227	1/4	6	1/4	6	1/4	6	1/4	6	1/4	6
1/2	56,375	1/2	43,952	1/2	31,749	1/2	19,390	1/2	6,968	1/2	6	1/2	6	1/2	6	1/2	6	1/2	6
3/4	56,116	3/4	43,694	3/4	31,497	3/4	19,131	3/4	6,709	3/4	6	3/4	6	3/4	6	3/4	6	3/4	6
7	55,857	7	43,435	7	31,245	7	18,872	7	6,451	7	7	7	7	7	7	7	7	7	7
1/4	55,599	1/4	43,176	1/4	30,993	1/4	18,614	1/4	6,192	1/4	7	1/4	7	1/4	7	1/4	7	1/4	7
1/2	55,340	1/2	42,917	1/2	30,742	1/2	18,355	1/2	5,934	1/2	7	1/2	7	1/2	7	1/2	7	1/2	7
3/4	55,081	3/4	42,658	3/4	30,490	3/4	18,096	3/4	5,675	3/4	7	3/4	7	3/4	7	3/4	7	3/4	7
8	54,822	8	42,399	8	30,238	8	17,837	8	5,417	8	8	8	8	8	8	8	8	8	8
1/4	54,563	1/4	42,141	1/4	29,986	1/4	17,578	1/4	5,159	1/4	8	1/4	8	1/4	8	1/4	8	1/4	8
1/2	54,305	1/2	41,882	1/2	29,735	1/2	17,320	1/2	4,901	1/2	8	1/2	8	1/2	8	1/2	8	1/2	8
3/4	54,046	3/4	41,623	3/4	29,483	3/4	17,061	3/4	4,643	3/4	8	3/4	8	3/4	8	3/4	8	3/4	8
9	53,787	9	41,364	9	29,224	9	16,802	9	4,386	9	9	9	9	9	9	9	9	9	9
1/4	53,528	1/4	41,105	1/4	28,965	1/4	16,543	1/4	4,129	1/4	9	1/4	9	1/4	9	1/4	9	1/4	9
1/2	53,269	1/2	40,847	1/2	28,707	1/2	16,284	1/2	3,872	1/2	9	1/2	9	1/2	9	1/2	9	1/2	9
3/4	53,010	3/4	40,588	3/4	28,448	3/4	16,026	3/4	3,615	3/4	9	3/4	9	3/4	9	3/4	9	3/4	9
10	52,752	10	40,329	10	28,189	10	15,767	10	3,359	10	10	10	10	10	10	10	10	10	10
1/4	52,493	1/4	40,070	1/4	27,930	1/4	15,508	1/4	3,103	1/4	10	1/4	10	1/4	10	1/4	10	1/4	10
1/2	52,234	1/2	39,811	1/2	27,671	1/2	15,249	1/2	2,847	1/2	10	1/2	10	1/2	10	1/2	10	1/2	10
3/4	51,975	3/4	39,553	3/4	27,413	3/4	14,990	3/4	2,591	3/4	10	3/4	10	3/4	10	3/4	10	3/4	10
11	51,716	11	39,301	11	27,154	11	14,732	11	2,338	11	11	11	11	11	11	11	11	11	11
1/4	51,458	1/4	39,049	1/4	26,895	1/4	14,473	1/4	2,084	1/4	11	1/4	11	1/4	11	1/4	11	1/4	11
1/2	51,199	1/2	38,797	1/2	26,636	1/2	14,214	1/2	1,831	1/2	11	1/2	11	1/2	11	1/2	11	1/2	11
3/4	50,940	3/4	38,545	3/4	26,377	3/4	13,955	3/4	1,578	3/4	11	3/4	11	3/4	11	3/4	11	3/4	11

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2019 JS
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 CANCELLED AND SUPERCEDES
 ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P. O. Box 2082
 Pearland, Texas 77588
 http://www.pma.com.net



BARGE "IB 1911"

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	0	172,957	0	161,361	0	149,024	0	136,688	0	124,352	0	112,016	0	99,680	0	87,344	0	75,008				
1/4	1/4	1/4	172,872	1/4	161,104	1/4	148,767	1/4	136,431	1/4	124,095	1/4	111,759	1/4	99,423	1/4	87,086	1/4	74,750				
1/2	1/2	1/2	172,786	1/2	160,847	1/2	148,510	1/2	136,174	1/2	123,838	1/2	111,502	1/2	99,166	1/2	86,829	1/2	74,493				
3/4	3/4	3/4	172,645	3/4	160,530	3/4	148,253	3/4	135,917	3/4	123,581	3/4	111,245	3/4	98,909	3/4	86,572	3/4	74,236				
1	1	1	172,443	1	160,333	1	147,996	1	135,660	1	123,324	1	110,988	1	98,652	1	86,315	1	73,979				
1 1/4	1 1/4	1 1/4	172,272	1 1/4	160,076	1 1/4	147,739	1 1/4	135,403	1 1/4	123,067	1 1/4	110,731	1 1/4	98,395	1 1/4	86,058	1 1/4	73,722				
1 1/2	1 1/2	1 1/2	172,101	1 1/2	159,819	1 1/2	147,482	1 1/2	135,146	1 1/2	122,810	1 1/2	110,474	1 1/2	98,138	1 1/2	85,801	1 1/2	73,465				
1 3/4	1 3/4	1 3/4	171,856	1 3/4	159,562	1 3/4	147,225	1 3/4	134,889	1 3/4	122,553	1 3/4	110,217	1 3/4	97,881	1 3/4	85,544	1 3/4	73,208				
2	2	2	171,611	2	159,305	2	146,968	2	134,632	2	122,296	2	109,960	2	97,624	2	85,287	2	72,951				
1 1/4	1 1/4	1 1/4	171,366	1 1/4	159,048	1 1/4	146,711	1 1/4	134,375	1 1/4	122,039	1 1/4	109,703	1 1/4	97,367	1 1/4	85,030	1 1/4	72,694				
1 1/2	1 1/2	1 1/2	171,121	1 1/2	158,791	1 1/2	146,454	1 1/2	134,118	1 1/2	121,782	1 1/2	109,446	1 1/2	97,110	1 1/2	84,773	1 1/2	72,437				
1 3/4	1 3/4	1 3/4	170,865	1 3/4	158,534	1 3/4	146,197	1 3/4	133,861	1 3/4	121,525	1 3/4	109,189	1 3/4	96,853	1 3/4	84,516	1 3/4	72,180				
3	3	3	170,609	3	158,277	3	145,940	3	133,604	3	121,268	3	108,932	3	96,596	3	84,259	3	71,923				
1 1/4	1 1/4	1 1/4	170,354	1 1/4	158,020	1 1/4	145,683	1 1/4	133,347	1 1/4	121,011	1 1/4	108,675	1 1/4	96,338	1 1/4	84,002	1 1/4	71,666				
1 1/2	1 1/2	1 1/2	170,098	1 1/2	157,763	1 1/2	145,426	1 1/2	133,090	1 1/2	120,754	1 1/2	108,418	1 1/2	96,081	1 1/2	83,745	1 1/2	71,409				
1 3/4	1 3/4	1 3/4	169,841	1 3/4	157,505	1 3/4	145,169	1 3/4	132,833	1 3/4	120,497	1 3/4	108,161	1 3/4	95,824	1 3/4	83,488	1 3/4	71,152				
4	4	4	169,584	4	157,248	4	144,912	4	132,576	4	120,240	4	107,904	4	95,567	4	83,231	4	70,895				
1 1/4	1 1/4	1 1/4	169,327	1 1/4	156,991	1 1/4	144,655	1 1/4	132,319	1 1/4	119,983	1 1/4	107,647	1 1/4	95,310	1 1/4	82,974	1 1/4	70,638				
1 1/2	1 1/2	1 1/2	169,071	1 1/2	156,734	1 1/2	144,398	1 1/2	132,062	1 1/2	119,726	1 1/2	107,390	1 1/2	95,053	1 1/2	82,717	1 1/2	70,381				
1 3/4	1 3/4	1 3/4	168,814	1 3/4	156,477	1 3/4	144,141	1 3/4	131,805	1 3/4	119,469	1 3/4	107,133	1 3/4	94,796	1 3/4	82,460	1 3/4	70,124				
5	5	5	168,557	5	156,220	5	143,884	5	131,548	5	119,212	5	106,876	5	94,539	5	82,203	5	69,867				
1 1/4	1 1/4	1 1/4	168,300	1 1/4	155,963	1 1/4	143,627	1 1/4	131,291	1 1/4	118,955	1 1/4	106,619	1 1/4	94,282	1 1/4	81,946	1 1/4	69,610				
1 1/2	1 1/2	1 1/2	168,043	1 1/2	155,706	1 1/2	143,370	1 1/2	131,034	1 1/2	118,698	1 1/2	106,362	1 1/2	94,025	1 1/2	81,689	1 1/2	69,353				
1 3/4	1 3/4	1 3/4	167,786	1 3/4	155,449	1 3/4	143,113	1 3/4	130,777	1 3/4	118,441	1 3/4	106,105	1 3/4	93,768	1 3/4	81,432	1 3/4	69,096				
6	6	6	167,529	6	155,192	6	142,856	6	130,520	6	118,184	6	105,848	6	93,511	6	81,175	6	68,839				
1 1/4	1 1/4	1 1/4	167,272	1 1/4	154,935	1 1/4	142,599	1 1/4	130,263	1 1/4	117,927	1 1/4	105,591	1 1/4	93,254	1 1/4	80,918	1 1/4	68,582				
1 1/2	1 1/2	1 1/2	167,015	1 1/2	154,678	1 1/2	142,342	1 1/2	130,006	1 1/2	117,670	1 1/2	105,334	1 1/2	92,997	1 1/2	80,661	1 1/2	68,325				
1 3/4	1 3/4	1 3/4	166,758	1 3/4	154,421	1 3/4	142,085	1 3/4	129,749	1 3/4	117,413	1 3/4	105,077	1 3/4	92,740	1 3/4	80,404	1 3/4	68,068				
7	7	7	166,501	7	154,164	7	141,828	7	129,492	7	117,156	7	104,820	7	92,483	7	80,147	7	67,811				
1 1/4	1 1/4	1 1/4	166,244	1 1/4	153,907	1 1/4	141,571	1 1/4	129,235	1 1/4	116,899	1 1/4	104,563	1 1/4	92,226	1 1/4	79,890	1 1/4	67,554				
1 1/2	1 1/2	1 1/2	165,987	1 1/2	153,650	1 1/2	141,314	1 1/2	128,978	1 1/2	116,642	1 1/2	104,306	1 1/2	91,969	1 1/2	79,633	1 1/2	67,297				
1 3/4	1 3/4	1 3/4	165,730	1 3/4	153,393	1 3/4	141,057	1 3/4	128,721	1 3/4	116,385	1 3/4	104,049	1 3/4	91,712	1 3/4	79,376	1 3/4	67,040				
8	8	8	165,473	8	153,136	8	140,800	8	128,464	8	116,128	8	103,792	8	91,455	8	79,119	8	66,783				
1 1/4	1 1/4	1 1/4	165,216	1 1/4	152,879	1 1/4	140,543	1 1/4	128,207	1 1/4	115,871	1 1/4	103,535	1 1/4	91,198	1 1/4	78,862	1 1/4	66,526				
1 1/2	1 1/2	1 1/2	164,959	1 1/2	152,622	1 1/2	140,286	1 1/2	127,950	1 1/2	115,614	1 1/2	103,278	1 1/2	90,941	1 1/2	78,605	1 1/2	66,269				
1 3/4	1 3/4	1 3/4	164,702	1 3/4	152,365	1 3/4	140,029	1 3/4	127,693	1 3/4	115,357	1 3/4	103,021	1 3/4	90,684	1 3/4	78,348	1 3/4	66,012				
9	9	9	164,445	9	152,108	9	139,772	9	127,436	9	115,100	9	102,764	9	90,427	9	78,091	9	65,755				
1 1/4	1 1/4	1 1/4	164,188	1 1/4	151,851	1 1/4	139,515	1 1/4	127,179	1 1/4	114,843	1 1/4	102,507	1 1/4	90,170	1 1/4	77,834	1 1/4	65,498				
1 1/2	1 1/2	1 1/2	163,931	1 1/2	151,594	1 1/2	139,258	1 1/2	126,922	1 1/2	114,586	1 1/2	102,250	1 1/2	89,913	1 1/2	77,577	1 1/2	65,241				
1 3/4	1 3/4	1 3/4	163,674	1 3/4	151,337	1 3/4	139,001	1 3/4	126,665	1 3/4	114,329	1 3/4	101,993	1 3/4	89,656	1 3/4	77,320	1 3/4	64,984				
10	10	10	163,417	10	151,080	10	138,744	10	126,408	10	114,072	10	101,736	10	89,399	10	77,063	10	64,727				
1 1/4	1 1/4	1 1/4	163,160	1 1/4	150,823	1 1/4	138,487	1 1/4	126,151	1 1/4	113,815	1 1/4	101,479	1 1/4	89,142	1 1/4	76,806	1 1/4	64,470				
1 1/2	1 1/2	1 1/2	162,903	1 1/2	150,566	1 1/2	138,230	1 1/2	125,894	1 1/2	113,558	1 1/2	101,222	1 1/2	88,885	1 1/2	76,549	1 1/2	64,213				
1 3/4	1 3/4	1 3/4	162,646	1 3/4	150,309	1 3/4	137,973	1 3/4	125,637	1 3/4	113,301	1 3/4	100,965	1 3/4	88,628	1 3/4	76,292	1 3/4	63,956				
11	11	11	162,389	11	150,052	11	137,716	11	125,380	11	113,044	11	100,708	11	88,371	11	76,035	11	63,699				
1 1/4	1 1/4	1 1/4	162,132	1 1/4	149,795	1 1/4	137,459	1 1/4	125,123	1 1/4	112,787	1 1/4	100,451	1 1/4	88,114	1 1/4	75,778	1 1/4	63,442				
1 1/2	1 1/2	1 1/2	161,875	1 1/2	149,538	1 1/2	137,202	1 1/2	124,866	1 1/2	112,530	1 1/2	100,194	1 1/2	87,857	1 1/2	75,521	1 1/2	63,185				
1 3/4	1 3/4	1 3/4	161,618	1 3/4	149,281	1 3/4	136,945	1 3/4	124,609	1 3/4	112,273	1 3/4	99,937	1 3/4	87,600	1 3/4	75,264	1 3/4	62,928				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IMPMS 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'-0" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "IB 1911"

3 CENTER ULLAGE TABLE

GAUGE HEIGHT 15'-02 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2
0	62,671	0	50,335	0	38,001	0	25,660	0	13,344	0	1,139	0	0	0	0	0	0	0	0
1/4	62,414	1/4	50,078	1/4	37,744	1/4	25,423	1/4	13,087	1/4	925	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,157	1/2	49,821	1/2	37,488	1/2	25,166	1/2	12,830	1/2	712	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,900	3/4	49,564	3/4	37,231	3/4	24,909	3/4	12,573	3/4	583	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	61,643	1	49,307	1	36,975	1	24,652	1	12,316	1	455	1	1	1	1	1	1	1	1
1 1/4	61,386	1 1/4	49,050	1 1/4	36,718	1 1/4	24,395	1 1/4	12,059	1 1/4	326	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	61,129	1 1/2	48,793	1 1/2	36,461	1 1/2	24,138	1 1/2	11,802	1 1/2	198	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	60,872	1 3/4	48,536	1 3/4	36,205	1 3/4	23,909	1 3/4	11,545	1 3/4	155	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	60,615	2	48,279	2	35,948	2	23,624	2	11,288	2	112	2	2	2	2	2	2	2	2
2 1/4	60,358	2 1/4	48,022	2 1/4	35,692	2 1/4	23,367	2 1/4	11,031	2 1/4	69	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	60,101	2 1/2	47,765	2 1/2	35,435	2 1/2	23,110	2 1/2	10,774	2 1/2	26	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	59,844	2 3/4	47,508	2 3/4	35,179	2 3/4	22,853	2 3/4	10,517	2 3/4	26	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	59,587	3	47,251	3	34,922	3	22,596	3	10,260	3	26	3	3	3	3	3	3	3	3
3 1/4	59,330	3 1/4	46,994	3 1/4	34,666	3 1/4	22,339	3 1/4	10,003	3 1/4	26	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	59,073	3 1/2	46,737	3 1/2	34,409	3 1/2	22,082	3 1/2	9,746	3 1/2	26	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	58,816	3 3/4	46,480	3 3/4	34,153	3 3/4	21,825	3 3/4	9,489	3 3/4	26	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	58,559	4	46,223	4	33,896	4	21,568	4	9,232	4	26	4	4	4	4	4	4	4	4
4 1/4	58,302	4 1/4	45,966	4 1/4	33,639	4 1/4	21,311	4 1/4	8,975	4 1/4	26	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	58,045	4 1/2	45,709	4 1/2	33,383	4 1/2	21,054	4 1/2	8,718	4 1/2	26	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	57,788	4 3/4	45,452	4 3/4	33,126	4 3/4	20,797	4 3/4	8,461	4 3/4	26	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	57,531	5	45,195	5	32,870	5	20,540	5	8,204	5	26	5	5	5	5	5	5	5	5
5 1/4	57,274	5 1/4	44,938	5 1/4	32,613	5 1/4	20,283	5 1/4	7,947	5 1/4	26	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	57,017	5 1/2	44,681	5 1/2	32,357	5 1/2	20,026	5 1/2	7,690	5 1/2	26	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	56,760	5 3/4	44,424	5 3/4	32,100	5 3/4	19,769	5 3/4	7,434	5 3/4	26	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	56,503	6	44,167	6	31,844	6	19,512	6	7,177	6	26	6	6	6	6	6	6	6	6
6 1/4	56,246	6 1/4	43,910	6 1/4	31,587	6 1/4	19,255	6 1/4	6,920	6 1/4	26	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	55,989	6 1/2	43,653	6 1/2	31,330	6 1/2	18,998	6 1/2	6,663	6 1/2	26	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	55,732	6 3/4	43,396	6 3/4	31,074	6 3/4	18,741	6 3/4	6,406	6 3/4	26	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	55,475	7	43,139	7	30,817	7	18,484	7	6,149	7	26	7	7	7	7	7	7	7	7
7 1/4	55,218	7 1/4	42,882	7 1/4	30,561	7 1/4	18,227	7 1/4	5,893	7 1/4	26	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	54,961	7 1/2	42,625	7 1/2	30,304	7 1/2	17,970	7 1/2	5,636	7 1/2	26	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	54,704	7 3/4	42,368	7 3/4	30,048	7 3/4	17,713	7 3/4	5,380	7 3/4	26	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	54,447	8	42,111	8	29,791	8	17,456	8	5,123	8	26	8	8	8	8	8	8	8	8
8 1/4	54,190	8 1/4	41,854	8 1/4	29,535	8 1/4	17,199	8 1/4	4,867	8 1/4	26	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	53,933	8 1/2	41,597	8 1/2	29,278	8 1/2	16,942	8 1/2	4,611	8 1/2	26	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	53,676	8 3/4	41,340	8 3/4	29,021	8 3/4	16,685	8 3/4	4,356	8 3/4	26	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	53,419	9	41,083	9	28,764	9	16,428	9	4,100	9	26	9	9	9	9	9	9	9	9
9 1/4	53,162	9 1/4	40,826	9 1/4	28,507	9 1/4	16,171	9 1/4	3,845	9 1/4	26	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	52,905	9 1/2	40,569	9 1/2	28,250	9 1/2	15,914	9 1/2	3,590	9 1/2	26	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	52,648	9 3/4	40,312	9 3/4	27,993	9 3/4	15,657	9 3/4	3,333	9 3/4	26	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	52,391	10	40,055	10	27,736	10	15,400	10	3,081	10	26	10	10	10	10	10	10	10	10
10 1/4	52,134	10 1/4	39,798	10 1/4	27,479	10 1/4	15,143	10 1/4	2,827	10 1/4	26	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	51,877	10 1/2	39,541	10 1/2	27,222	10 1/2	14,886	10 1/2	2,573	10 1/2	26	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	51,620	10 3/4	39,284	10 3/4	26,965	10 3/4	14,629	10 3/4	2,322	10 3/4	26	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	51,363	11	39,027	11	26,708	11	14,372	11	2,070	11	26	11	11	11	11	11	11	11	11
11 1/4	51,106	11 1/4	38,771	11 1/4	26,451	11 1/4	14,115	11 1/4	1,818	11 1/4	26	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	50,849	11 1/2	38,514	11 1/2	26,194	11 1/2	13,858	11 1/2	1,567	11 1/2	26	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	50,592	11 3/4	38,258	11 3/4	25,937	11 3/4	13,601	11 3/4	1,353	11 3/4	26	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2019 JS
 CALCULATED: 06/07/2019 CL
 PRINTED: 06/08/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
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