



BARGE "1B 1914"

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	- 00-0/8	00-0/8	- 00-1/8	00-1/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 176'-09"

June 14, 2019

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

<http://www.pmacorp.net>



BARGE "IB 1914"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	160,896	0	153,443	0	145,086	0	136,728	0	128,370	0	120,012	0	111,654	0	103,296	0	94,938	0	86,580
1/4	160,873	1/4	153,269	1/4	144,911	1/4	136,554	1/4	128,196	1/4	119,838	1/4	111,480	1/4	103,122	1/4	94,764	1/4	86,406
1/2	160,783	1/2	153,095	1/2	144,737	1/2	136,380	1/2	128,022	1/2	119,664	1/2	111,306	1/2	102,954	1/2	94,596	1/2	86,240
3/4	160,694	3/4	152,921	3/4	144,559	3/4	136,206	3/4	127,848	3/4	119,496	3/4	111,144	3/4	102,798	3/4	94,440	3/4	86,084
1	160,604	1	152,747	1	144,389	1	136,032	1	127,674	1	119,336	1	110,984	1	102,642	1	94,284	1	85,878
1 1/4	160,514	1 1/4	152,573	1 1/4	144,215	1 1/4	135,857	1 1/4	127,500	1 1/4	119,170	1 1/4	110,818	1 1/4	102,486	1 1/4	94,078	1 1/4	85,672
1 1/2	160,430	1 1/2	152,398	1 1/2	144,041	1 1/2	135,683	1 1/2	127,326	1 1/2	118,944	1 1/2	110,592	1 1/2	102,280	1 1/2	93,872	1 1/2	85,466
1 3/4	160,345	1 3/4	152,224	1 3/4	143,867	1 3/4	135,509	1 3/4	127,152	1 3/4	118,768	1 3/4	110,416	1 3/4	102,074	1 3/4	93,666	1 3/4	85,260
2	160,261	2	152,050	2	143,693	2	135,335	2	126,977	2	118,592	2	110,240	2	101,868	2	93,460	2	85,054
2 1/4	160,177	2 1/4	151,876	2 1/4	143,519	2 1/4	135,161	2 1/4	126,803	2 1/4	118,416	2 1/4	110,064	2 1/4	101,662	2 1/4	93,254	2 1/4	84,848
2 1/2	160,095	2 1/2	151,702	2 1/2	143,344	2 1/2	134,987	2 1/2	126,629	2 1/2	118,240	2 1/2	109,888	2 1/2	101,456	2 1/2	93,048	2 1/2	84,642
2 3/4	159,984	2 3/4	151,528	2 3/4	143,170	2 3/4	134,813	2 3/4	126,455	2 3/4	118,064	2 3/4	109,682	2 3/4	101,250	2 3/4	92,842	2 3/4	84,436
3	159,893	3	151,354	3	142,996	3	134,639	3	126,281	3	117,888	3	109,496	3	101,044	3	92,636	3	84,230
3 1/4	159,831	3 1/4	151,180	3 1/4	142,822	3 1/4	134,464	3 1/4	126,107	3 1/4	117,712	3 1/4	109,312	3 1/4	100,838	3 1/4	92,430	3 1/4	84,024
3 1/2	159,766	3 1/2	151,006	3 1/2	142,648	3 1/2	134,290	3 1/2	125,933	3 1/2	117,536	3 1/2	109,136	3 1/2	100,632	3 1/2	92,224	3 1/2	83,818
3 3/4	159,685	3 3/4	150,831	3 3/4	142,474	3 3/4	134,116	3 3/4	125,759	3 3/4	117,360	3 3/4	108,960	3 3/4	100,426	3 3/4	92,018	3 3/4	83,612
4	159,613	4	150,657	4	142,300	4	133,942	4	125,585	4	117,184	4	108,784	4	100,220	4	91,812	4	83,406
4 1/4	159,531	4 1/4	150,483	4 1/4	142,126	4 1/4	133,768	4 1/4	125,411	4 1/4	117,008	4 1/4	108,598	4 1/4	100,014	4 1/4	91,606	4 1/4	83,200
4 1/2	159,448	4 1/2	150,309	4 1/2	141,951	4 1/2	133,594	4 1/2	125,237	4 1/2	116,832	4 1/2	108,416	4 1/2	99,808	4 1/2	91,400	4 1/2	83,000
4 3/4	159,366	4 3/4	150,135	4 3/4	141,777	4 3/4	133,420	4 3/4	125,064	4 3/4	116,656	4 3/4	108,240	4 3/4	99,602	4 3/4	91,194	4 3/4	82,794
5	159,284	5	149,961	5	141,603	5	133,246	5	124,890	5	116,480	5	108,064	5	99,396	5	90,988	5	82,588
5 1/4	159,202	5 1/4	149,787	5 1/4	141,429	5 1/4	133,072	5 1/4	124,716	5 1/4	116,304	5 1/4	107,888	5 1/4	99,192	5 1/4	90,782	5 1/4	82,382
5 1/2	159,120	5 1/2	149,613	5 1/2	141,255	5 1/2	132,897	5 1/2	124,543	5 1/2	116,128	5 1/2	107,704	5 1/2	98,986	5 1/2	90,576	5 1/2	82,176
5 3/4	159,038	5 3/4	149,439	5 3/4	141,081	5 3/4	132,723	5 3/4	124,369	5 3/4	115,952	5 3/4	107,520	5 3/4	98,780	5 3/4	90,370	5 3/4	81,970
6	158,956	6	149,264	6	140,907	6	132,549	6	124,196	6	115,776	6	107,344	6	98,574	6	90,164	6	81,764
6 1/4	158,874	6 1/4	149,090	6 1/4	140,733	6 1/4	132,375	6 1/4	124,022	6 1/4	115,600	6 1/4	107,160	6 1/4	98,368	6 1/4	89,958	6 1/4	81,558
6 1/2	158,792	6 1/2	148,916	6 1/2	140,559	6 1/2	132,201	6 1/2	123,848	6 1/2	115,424	6 1/2	106,984	6 1/2	98,162	6 1/2	89,752	6 1/2	81,352
6 3/4	158,710	6 3/4	148,742	6 3/4	140,384	6 3/4	132,027	6 3/4	123,674	6 3/4	115,248	6 3/4	106,798	6 3/4	97,956	6 3/4	89,546	6 3/4	81,146
7	158,628	7	148,568	7	140,210	7	131,853	7	123,500	7	115,072	7	106,582	7	97,750	7	89,340	7	80,940
7 1/4	158,546	7 1/4	148,394	7 1/4	140,036	7 1/4	131,679	7 1/4	122,946	7 1/4	114,896	7 1/4	106,376	7 1/4	97,544	7 1/4	89,134	7 1/4	80,734
7 1/2	158,464	7 1/2	148,220	7 1/2	139,862	7 1/2	131,505	7 1/2	122,772	7 1/2	114,720	7 1/2	106,168	7 1/2	97,338	7 1/2	88,928	7 1/2	80,528
7 3/4	158,382	7 3/4	148,046	7 3/4	139,688	7 3/4	131,330	7 3/4	122,600	7 3/4	114,544	7 3/4	105,962	7 3/4	97,132	7 3/4	88,722	7 3/4	80,322
8	158,300	8	147,871	8	139,514	8	131,156	8	122,426	8	114,368	8	105,756	8	96,926	8	88,516	8	80,116
8 1/4	158,218	8 1/4	147,697	8 1/4	139,340	8 1/4	130,982	8 1/4	122,252	8 1/4	114,192	8 1/4	105,550	8 1/4	96,720	8 1/4	88,310	8 1/4	79,910
8 1/2	158,136	8 1/2	147,523	8 1/2	139,166	8 1/2	130,808	8 1/2	122,078	8 1/2	114,016	8 1/2	105,344	8 1/2	96,514	8 1/2	88,104	8 1/2	79,704
8 3/4	158,054	8 3/4	147,349	8 3/4	138,991	8 3/4	130,634	8 3/4	121,904	8 3/4	113,840	8 3/4	105,138	8 3/4	96,308	8 3/4	87,898	8 3/4	79,498
9	157,972	9	147,175	9	138,817	9	130,460	9	121,730	9	113,664	9	104,932	9	96,102	9	87,692	9	79,292
9 1/4	157,890	9 1/4	147,001	9 1/4	138,643	9 1/4	130,286	9 1/4	121,556	9 1/4	113,488	9 1/4	104,726	9 1/4	95,896	9 1/4	87,486	9 1/4	79,086
9 1/2	157,808	9 1/2	146,827	9 1/2	138,469	9 1/2	130,112	9 1/2	121,382	9 1/2	113,312	9 1/2	104,520	9 1/2	95,690	9 1/2	87,280	9 1/2	78,880
9 3/4	157,726	9 3/4	146,653	9 3/4	138,295	9 3/4	129,937	9 3/4	121,208	9 3/4	113,136	9 3/4	104,314	9 3/4	95,484	9 3/4	87,074	9 3/4	78,674
10	157,644	10	146,478	10	138,121	10	129,763	10	121,034	10	112,960	10	104,108	10	95,278	10	86,868	10	78,468
10 1/4	157,562	10 1/4	146,304	10 1/4	137,947	10 1/4	129,589	10 1/4	120,860	10 1/4	112,784	10 1/4	103,902	10 1/4	95,072	10 1/4	86,662	10 1/4	78,262
10 1/2	157,480	10 1/2	146,130	10 1/2	137,773	10 1/2	129,415	10 1/2	120,686	10 1/2	112,608	10 1/2	103,696	10 1/2	94,866	10 1/2	86,456	10 1/2	78,056
10 3/4	157,398	10 3/4	145,956	10 3/4	137,599	10 3/4	129,241	10 3/4	120,512	10 3/4	112,432	10 3/4	103,490	10 3/4	94,660	10 3/4	86,250	10 3/4	77,850
11	157,316	11	145,782	11	137,424	11	129,067	11	120,338	11	112,256	11	103,284	11	94,454	11	86,044	11	77,644
11 1/4	157,234	11 1/4	145,608	11 1/4	137,250	11 1/4	128,893	11 1/4	120,164	11 1/4	112,080	11 1/4	103,078	11 1/4	94,248	11 1/4	85,838	11 1/4	77,438
11 1/2	157,152	11 1/2	145,434	11 1/2	137,076	11 1/2	128,719	11 1/2	119,990	11 1/2	111,904	11 1/2	102,872	11 1/2	94,042	11 1/2	85,632	11 1/2	77,232
11 3/4	157,070	11 3/4	145,260	11 3/4	136,902	11 3/4	128,545	11 3/4	119,816	11 3/4	111,728	11 3/4	102,666	11 3/4	93,836	11 3/4	85,426	11 3/4	77,026

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IPIWS 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.

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



BARGE "IB 1914"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	66,183	0	53,277	0	40,381	0	27,719	0	14,798	0	1,907	0	0	0	0	0	0	0	0	0
1/4	65,914	1/4	53,008	1/4	40,117	1/4	27,450	1/4	14,529	1/4	1,643	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,646	1/2	52,742	1/2	39,853	1/2	27,181	1/2	14,260	1/2	1,419	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,377	3/4	52,476	3/4	39,590	3/4	26,912	3/4	13,991	3/4	1,194	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	65,109	1	52,210	1	39,326	1	26,643	1	13,722	1	970	1	1	1	1	1	1	1	1	1
1 1/4	64,840	1 1/4	51,932	1 1/4	39,062	1 1/4	26,373	1 1/4	13,452	1 1/4	746	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 1/4
1 1/2	64,572	1 1/2	51,663	1 1/2	38,800	1 1/2	26,104	1 1/2	13,183	1 1/2	611	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 1/2
3/4	64,303	3/4	51,394	3/4	38,538	3/4	25,835	3/4	12,914	3/4	476	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	64,035	2	51,125	2	38,276	2	25,566	2	12,645	2	341	2	2	2	2	2	2	2	2	2
1 1/4	63,766	1 1/4	50,856	1 1/4	38,014	1 1/4	25,297	1 1/4	12,376	1 1/4	206	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 1/4
1 1/2	63,498	1 1/2	50,587	1 1/2	37,752	1 1/2	25,028	1 1/2	12,107	1 1/2	161	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 1/2
3/4	63,229	3/4	50,318	3/4	37,491	3/4	24,758	3/4	11,837	3/4	116	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	62,961	3	50,049	3	37,229	3	24,489	3	11,568	3	71	3	3	3	3	3	3	3	3	3
1 1/4	62,692	1 1/4	49,780	1 1/4	36,967	1 1/4	24,220	1 1/4	11,299	1 1/4	26	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 1/4
1 1/2	62,423	1 1/2	49,511	1 1/2	36,705	1 1/2	23,951	1 1/2	11,030	1 1/2	0	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 1/2
3/4	62,154	3/4	49,242	3/4	36,443	3/4	23,682	3/4	10,761	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	61,885	4	48,973	4	36,181	4	23,412	4	10,491	4	0	4	4	4	4	4	4	4	4	4
1 1/4	61,616	1 1/4	48,704	1 1/4	35,919	1 1/4	23,143	1 1/4	10,222	1 1/4	0	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 1/4
1 1/2	61,347	1 1/2	48,435	1 1/2	35,657	1 1/2	22,874	1 1/2	9,953	1 1/2	0	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 1/2
3/4	61,078	3/4	48,166	3/4	35,395	3/4	22,605	3/4	9,683	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	60,809	5	47,897	5	35,133	5	22,336	5	9,414	5	0	5	5	5	5	5	5	5	5	5
1 1/4	60,540	1 1/4	47,628	1 1/4	34,871	1 1/4	22,066	1 1/4	9,144	1 1/4	0	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 1/4
1 1/2	60,271	1 1/2	47,359	1 1/2	34,609	1 1/2	21,797	1 1/2	8,875	1 1/2	0	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 1/2
3/4	60,002	3/4	47,090	3/4	34,347	3/4	21,528	3/4	8,606	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	59,733	6	46,821	6	34,085	6	21,259	6	8,336	6	0	6	6	6	6	6	6	6	6	6
1 1/4	59,464	1 1/4	46,552	1 1/4	33,824	1 1/4	20,990	1 1/4	8,067	1 1/4	0	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 1/4
1 1/2	59,195	1 1/2	46,283	1 1/2	33,562	1 1/2	20,721	1 1/2	7,797	1 1/2	0	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 1/2
3/4	58,926	3/4	46,014	3/4	33,300	3/4	20,451	3/4	7,528	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	58,657	7	45,745	7	33,038	7	20,182	7	7,259	7	0	7	7	7	7	7	7	7	7	7
1 1/4	58,388	1 1/4	45,476	1 1/4	32,776	1 1/4	19,913	1 1/4	6,990	1 1/4	0	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 1/4
1 1/2	58,119	1 1/2	45,207	1 1/2	32,514	1 1/2	19,644	1 1/2	6,720	1 1/2	0	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 1/2
3/4	57,850	3/4	44,938	3/4	32,252	3/4	19,375	3/4	6,451	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	57,581	8	44,669	8	31,990	8	19,105	8	6,182	8	0	8	8	8	8	8	8	8	8	8
1 1/4	57,312	1 1/4	44,400	1 1/4	31,728	1 1/4	18,836	1 1/4	5,913	1 1/4	0	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 1/4
1 1/2	57,043	1 1/2	44,131	1 1/2	31,466	1 1/2	18,567	1 1/2	5,644	1 1/2	0	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 1/2
3/4	56,774	3/4	43,862	3/4	31,204	3/4	18,298	3/4	5,375	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	56,505	9	43,593	9	30,942	9	18,029	9	5,106	9	0	9	9	9	9	9	9	9	9	9
1 1/4	56,236	1 1/4	43,324	1 1/4	30,680	1 1/4	17,759	1 1/4	4,837	1 1/4	0	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 1/4
1 1/2	55,967	1 1/2	43,055	1 1/2	30,411	1 1/2	17,490	1 1/2	4,569	1 1/2	0	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 1/2
3/4	55,698	3/4	42,786	3/4	30,142	3/4	17,221	3/4	4,301	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	55,429	10	42,517	10	29,873	10	16,952	10	4,034	10	0	10	10	10	10	10	10	10	10	10
1 1/4	55,160	1 1/4	42,248	1 1/4	29,604	1 1/4	16,683	1 1/4	3,766	1 1/4	0	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 1/4
1 1/2	54,891	1 1/2	41,979	1 1/2	29,335	1 1/2	16,414	1 1/2	3,499	1 1/2	0	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 1/2
3/4	54,622	3/4	41,710	3/4	29,065	3/4	16,144	3/4	3,232	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	54,353	11	41,441	11	28,796	11	15,875	11	2,966	11	0	11	11	11	11	11	11	11	11	11
1 1/4	54,084	1 1/4	41,172	1 1/4	28,527	1 1/4	15,606	1 1/4	2,699	1 1/4	0	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 1/4
1 1/2	53,815	1 1/2	40,909	1 1/2	28,258	1 1/2	15,337	1 1/2	2,435	1 1/2	0	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 1/2
3/4	53,546	3/4	40,645	3/4	27,989	3/4	15,068	3/4	2,171	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/14/2019 JS
 CALCULATED: 06/14/2019 CL
 PRINTED: 06/14/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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



BARGE "IB 1914"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	174,090	162,578	150,148	137,718	125,289	112,859	100,429	87,999	75,570	
1/4	174,003	162,319	149,889	137,459	125,030	112,600	100,170	87,740	75,311	
1/2	173,917	162,060	149,630	137,200	124,771	112,341	99,911	87,482	75,052	
3/4	173,831	161,801	149,371	136,941	124,512	112,082	99,652	87,223	74,793	
1	173,658	161,542	149,112	136,681	124,253	111,823	99,393	86,954	74,534	
1 1/4	173,486	161,283	148,853	136,424	123,994	111,564	99,134	86,705	74,275	
1 1/2	173,313	161,024	148,594	136,165	123,735	111,305	98,875	86,446	74,016	
3 1/4	173,140	160,765	148,335	135,906	123,476	111,046	98,616	86,187	73,757	
2	172,964	160,506	148,076	135,647	123,217	110,787	98,358	85,928	73,498	
1 1/4	172,847	160,247	147,818	135,388	122,958	110,528	98,099	85,669	73,239	
1 1/2	172,400	159,888	147,559	135,129	122,699	110,269	97,840	85,410	72,980	
3 1/4	172,153	159,729	147,300	134,870	122,440	110,010	97,581	85,151	72,721	
3	171,896	159,470	147,041	134,611	122,181	109,751	97,322	84,892	72,462	
1 1/4	171,638	159,211	146,782	134,352	121,922	109,493	97,063	84,633	72,203	
1 1/2	171,380	158,952	146,523	134,093	121,663	109,234	96,804	84,374	71,944	
3 1/4	171,122	158,694	146,264	133,834	121,404	108,975	96,545	84,115	71,685	
4	170,864	158,435	146,005	133,575	121,145	108,716	96,286	83,856	71,426	
1 1/4	170,605	158,176	145,746	133,316	120,886	108,457	96,027	83,597	71,167	
1 1/2	170,346	157,917	145,487	133,057	120,627	108,198	95,768	83,338	70,909	
3 1/4	170,087	157,658	145,228	132,798	120,369	107,939	95,509	83,079	70,650	
5	169,829	157,399	144,969	132,539	120,110	107,680	95,250	82,820	70,391	
1 1/4	169,570	157,140	144,710	132,280	119,851	107,421	94,991	82,561	70,132	
1 1/2	169,311	156,881	144,451	132,021	119,592	107,162	94,732	82,302	69,873	
3 1/4	169,052	156,622	144,192	131,762	119,333	106,903	94,473	82,043	69,614	
6	168,793	156,363	143,933	131,503	119,074	106,644	94,214	81,784	69,355	
1 1/4	168,534	156,104	143,674	131,244	118,815	106,385	93,955	81,525	69,096	
1 1/2	168,275	155,845	143,415	130,985	118,556	106,126	93,696	81,266	68,837	
3 1/4	168,016	155,586	143,156	130,726	118,297	105,867	93,437	81,007	68,578	
7	167,757	155,327	142,897	130,467	118,038	105,608	93,178	80,749	68,319	
1 1/4	167,498	155,068	142,638	130,209	117,779	105,349	92,920	80,490	68,060	
1 1/2	167,239	154,809	142,380	129,950	117,520	105,090	92,661	80,231	67,801	
3 1/4	166,980	154,550	142,121	129,691	117,261	104,831	92,402	79,972	67,542	
8	166,721	154,291	141,862	129,432	117,002	104,572	92,143	79,713	67,283	
1 1/4	166,462	154,032	141,603	129,173	116,743	104,313	91,884	79,454	67,024	
1 1/2	166,203	153,773	141,344	128,914	116,484	104,054	91,625	79,195	66,765	
3 1/4	165,944	153,514	141,085	128,655	116,225	103,796	91,366	78,936	66,506	
9	165,685	153,256	140,826	128,396	115,966	103,537	91,107	78,677	66,247	
1 1/4	165,426	152,997	140,567	128,137	115,707	103,278	90,848	78,418	65,988	
1 1/2	165,167	152,738	140,308	127,878	115,448	103,019	90,589	78,159	65,729	
3 1/4	164,908	152,479	140,049	127,619	115,189	102,760	90,330	77,900	65,471	
10	164,649	152,220	139,790	127,360	114,931	102,501	90,071	77,641	65,212	
1 1/4	164,390	151,961	139,531	127,101	114,672	102,242	89,812	77,382	64,953	
1 1/2	164,132	151,702	139,272	126,842	114,413	101,983	89,553	77,123	64,694	
3 1/4	163,873	151,443	139,013	126,583	114,154	101,724	89,294	76,864	64,435	
11	163,614	151,184	138,754	126,324	113,895	101,465	89,035	76,605	64,176	
1 1/4	163,355	150,925	138,495	126,065	113,636	101,206	88,776	76,346	63,917	
1 1/2	163,096	150,666	138,236	125,806	113,377	100,947	88,517	76,087	63,658	
3 1/4	162,837	150,407	137,977	125,548	113,118	100,688	88,258	75,829	63,399	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IAPMS 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
Pearland, Texas 77588
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BARGE "IB 1914"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	63,140	0	50,710	0	38,316	0	26,134	0	13,704	0	1,363	0	0	0	0	0	0	0	0	0
1/4	62,861	1/4	50,451	1/4	38,064	1/4	25,875	1/4	13,445	1/4	1,148	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,622	1/2	50,192	1/2	37,812	1/2	25,616	1/2	13,186	1/2	932	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,363	3/4	49,933	3/4	37,560	3/4	25,357	3/4	12,927	3/4	717	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	62,104	1	49,674	1	37,308	1	25,098	1	12,669	1	587	1	1	1	1	1	1	1	1	1
1 1/4	61,845	1 1/4	49,415	1 1/4	37,056	1 1/4	24,839	1 1/4	12,410	1 1/4	458	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 1/4
1 1/2	61,586	1 1/2	49,156	1 1/2	36,804	1 1/2	24,580	1 1/2	12,151	1 1/2	328	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 1/2
1 3/4	61,327	1 3/4	48,898	1 3/4	36,552	1 3/4	24,321	1 3/4	11,892	1 3/4	199	1 3/4	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	61,068	2	48,639	2	36,300	2	24,062	2	11,633	2	156	2	2	2	2	2	2	2	2	2
2 1/4	60,809	2 1/4	48,380	2 1/4	36,049	2 1/4	23,803	2 1/4	11,374	2 1/4	113	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 1/4
2 1/2	60,550	2 1/2	48,121	2 1/2	35,797	2 1/2	23,544	2 1/2	11,115	2 1/2	70	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 1/2
2 3/4	60,291	2 3/4	47,862	2 3/4	35,545	2 3/4	23,285	2 3/4	10,856	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	2 3/4
3	60,033	3	47,603	3	35,293	3	23,026	3	10,597	3	0	3	3	3	3	3	3	3	3	3
3 1/4	59,774	3 1/4	47,344	3 1/4	35,041	3 1/4	22,767	3 1/4	10,338	3 1/4	0	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 1/4
3 1/2	59,515	3 1/2	47,085	3 1/2	34,789	3 1/2	22,508	3 1/2	10,079	3 1/2	0	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 1/2
3 3/4	59,256	3 3/4	46,826	3 3/4	34,537	3 3/4	22,249	3 3/4	9,820	3 3/4	0	3 3/4	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	58,997	4	46,567	4	34,285	4	21,990	4	9,561	4	0	4	4	4	4	4	4	4	4	4
4 1/4	58,738	4 1/4	46,308	4 1/4	34,034	4 1/4	21,732	4 1/4	9,302	4 1/4	0	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 1/4
4 1/2	58,479	4 1/2	46,049	4 1/2	33,782	4 1/2	21,473	4 1/2	9,043	4 1/2	0	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 1/2
4 3/4	58,220	4 3/4	45,790	4 3/4	33,530	4 3/4	21,214	4 3/4	8,784	4 3/4	0	4 3/4	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	57,961	5	45,531	5	33,278	5	20,955	5	8,525	5	0	5	5	5	5	5	5	5	5	5
5 1/4	57,702	5 1/4	45,272	5 1/4	33,026	5 1/4	20,696	5 1/4	8,267	5 1/4	0	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 1/4
5 1/2	57,443	5 1/2	45,013	5 1/2	32,774	5 1/2	20,437	5 1/2	8,008	5 1/2	0	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 1/2
5 3/4	57,184	5 3/4	44,754	5 3/4	32,522	5 3/4	20,178	5 3/4	7,749	5 3/4	0	5 3/4	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	56,925	6	44,495	6	32,270	6	19,919	6	7,490	6	0	6	6	6	6	6	6	6	6	6
6 1/4	56,666	6 1/4	44,236	6 1/4	32,019	6 1/4	19,660	6 1/4	7,231	6 1/4	0	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 1/4
6 1/2	56,407	6 1/2	43,977	6 1/2	31,767	6 1/2	19,401	6 1/2	6,972	6 1/2	0	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 1/2
6 3/4	56,148	6 3/4	43,718	6 3/4	31,515	6 3/4	19,142	6 3/4	6,713	6 3/4	0	6 3/4	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	55,889	7	43,460	7	31,263	7	18,883	7	6,454	7	0	7	7	7	7	7	7	7	7	7
7 1/4	55,630	7 1/4	43,201	7 1/4	31,011	7 1/4	18,624	7 1/4	6,196	7 1/4	0	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 1/4
7 1/2	55,371	7 1/2	42,942	7 1/2	30,759	7 1/2	18,365	7 1/2	5,937	7 1/2	0	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 1/2
7 3/4	55,112	7 3/4	42,683	7 3/4	30,507	7 3/4	18,106	7 3/4	5,678	7 3/4	0	7 3/4	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	54,853	8	42,424	8	30,255	8	17,847	8	5,420	8	0	8	8	8	8	8	8	8	8	8
8 1/4	54,594	8 1/4	42,165	8 1/4	30,004	8 1/4	17,588	8 1/4	5,162	8 1/4	0	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 1/4
8 1/2	54,336	8 1/2	41,906	8 1/2	29,752	8 1/2	17,330	8 1/2	4,904	8 1/2	0	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 1/2
8 3/4	54,077	8 3/4	41,647	8 3/4	29,500	8 3/4	17,071	8 3/4	4,646	8 3/4	0	8 3/4	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	53,818	9	41,388	9	29,241	9	16,812	9	4,388	9	0	9	9	9	9	9	9	9	9	9
9 1/4	53,559	9 1/4	41,129	9 1/4	28,982	9 1/4	16,553	9 1/4	4,131	9 1/4	0	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 1/4
9 1/2	53,300	9 1/2	40,870	9 1/2	28,723	9 1/2	16,294	9 1/2	3,874	9 1/2	0	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 1/2
9 3/4	53,041	9 3/4	40,611	9 3/4	28,464	9 3/4	16,035	9 3/4	3,617	9 3/4	0	9 3/4	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	52,782	10	40,352	10	28,205	10	15,776	10	3,361	10	0	10	10	10	10	10	10	10	10	10
10 1/4	52,523	10 1/4	40,093	10 1/4	27,946	10 1/4	15,517	10 1/4	3,105	10 1/4	0	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 1/4
10 1/2	52,264	10 1/2	39,834	10 1/2	27,687	10 1/2	15,258	10 1/2	2,849	10 1/2	0	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 1/2
10 3/4	52,005	10 3/4	39,575	10 3/4	27,428	10 3/4	14,999	10 3/4	2,593	10 3/4	0	10 3/4	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	51,746	11	39,323	11	27,169	11	14,740	11	2,339	11	0	11	11	11	11	11	11	11	11	11
11 1/4	51,487	11 1/4	39,071	11 1/4	26,910	11 1/4	14,481	11 1/4	2,086	11 1/4	0	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 1/4
11 1/2	51,228	11 1/2	38,819	11 1/2	26,651	11 1/2	14,222	11 1/2	1,832	11 1/2	0	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 1/2
11 3/4	50,969	11 3/4	38,568	11 3/4	26,393	11 3/4	13,963	11 3/4	1,578	11 3/4	0	11 3/4	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: 06/14/2019 JS
 CALCULATED: 06/14/2019 CL
 PRINTED: 06/14/2019 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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



BARGE "IB 1914"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS			GAUGE HEIGHT 15'-03 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	173,304	0	162,513	0	150,167	0	137,822	0	125,476	0	113,130	0	100,785	0	88,439	0	76,093	0	63,747
1/4	173,283	1/4	162,256	1/4	149,910	1/4	137,565	1/4	125,219	1/4	112,873	1/4	100,528	1/4	88,182	1/4	75,836	1/4	63,490
1/2	173,261	1/2	161,999	1/2	149,653	1/2	137,307	1/2	124,962	1/2	112,616	1/2	100,270	1/2	87,925	1/2	75,579	1/2	63,173
3/4	173,176	3/4	161,741	3/4	149,396	3/4	137,050	3/4	124,704	3/4	112,359	3/4	100,013	3/4	87,668	3/4	75,262	3/4	62,857
1	173,090	1	161,484	1	149,139	1	136,793	1	124,447	1	112,102	1	99,756	1	87,357	1	75,055	1	62,546
1 1/4	173,004	1 1/4	161,227	1 1/4	148,881	1 1/4	136,536	1 1/4	124,190	1 1/4	111,844	1 1/4	99,499	1 1/4	87,153	1 1/4	74,807	1 1/4	62,235
1 1/2	172,918	1 1/2	160,970	1 1/2	148,624	1 1/2	136,279	1 1/2	123,933	1 1/2	111,587	1 1/2	99,242	1 1/2	86,956	1 1/2	74,550	1 1/2	61,924
1 3/4	172,747	1 3/4	160,713	1 3/4	148,367	1 3/4	136,021	1 3/4	123,676	1 3/4	111,330	1 3/4	98,984	1 3/4	86,755	1 3/4	74,293	1 3/4	61,613
2	172,575	2	160,455	2	148,110	2	135,764	2	123,418	2	111,073	2	98,727	2	86,554	2	74,036	2	61,292
1/4	172,404	1/4	160,198	1/4	147,853	1/4	135,507	1/4	123,161	1/4	110,816	1/4	98,470	1/4	86,353	1/4	73,779	1/4	60,981
1/2	172,233	1/2	159,941	1/2	147,595	1/2	135,250	1/2	122,904	1/2	110,559	1/2	98,213	1/2	86,152	1/2	73,521	1/2	60,670
3/4	171,967	3/4	159,684	3/4	147,338	3/4	134,993	3/4	122,647	3/4	110,301	3/4	97,956	3/4	85,951	3/4	73,264	3/4	60,369
1	171,742	1	159,427	1	147,081	1	134,735	1	122,390	1	110,044	1	97,698	1	85,750	1	73,007	1	60,068
1 1/4	171,497	1 1/4	159,169	1 1/4	146,824	1 1/4	134,478	1 1/4	122,132	1 1/4	109,787	1 1/4	97,441	1 1/4	85,549	1 1/4	72,750	1 1/4	59,767
1 1/2	171,252	1 1/2	158,912	1 1/2	146,567	1 1/2	134,221	1 1/2	121,875	1 1/2	109,530	1 1/2	97,184	1 1/2	85,348	1 1/2	72,493	1 1/2	59,466
1 3/4	170,996	1 3/4	158,655	1 3/4	146,309	1 3/4	133,964	1 3/4	121,618	1 3/4	109,272	1 3/4	96,927	1 3/4	85,147	1 3/4	72,235	1 3/4	59,165
2	170,740	2	158,398	2	146,052	2	133,707	2	121,361	2	109,015	2	96,670	2	84,946	2	71,978	2	58,864
1/4	170,484	1/4	158,141	1/4	145,795	1/4	133,449	1/4	121,104	1/4	108,758	1/4	96,412	1/4	84,745	1/4	71,721	1/4	58,562
1/2	170,228	1/2	157,883	1/2	145,538	1/2	133,192	1/2	120,846	1/2	108,501	1/2	96,155	1/2	84,544	1/2	71,464	1/2	58,260
3/4	169,971	3/4	157,626	3/4	145,281	3/4	132,935	3/4	120,589	3/4	108,244	3/4	95,898	3/4	84,342	3/4	71,207	3/4	57,958
1	169,714	1	157,369	1	145,023	1	132,678	1	120,332	1	107,986	1	95,641	1	84,140	1	70,949	1	57,656
1 1/4	169,457	1 1/4	157,112	1 1/4	144,765	1 1/4	132,421	1 1/4	120,075	1 1/4	107,729	1 1/4	95,384	1 1/4	83,938	1 1/4	70,692	1 1/4	57,354
1 1/2	169,200	1 1/2	156,855	1 1/2	144,508	1 1/2	132,163	1 1/2	119,818	1 1/2	107,472	1 1/2	95,126	1 1/2	83,736	1 1/2	70,435	1 1/2	57,052
1 3/4	168,943	1 3/4	156,597	1 3/4	144,252	1 3/4	131,906	1 3/4	119,560	1 3/4	107,215	1 3/4	94,869	1 3/4	83,534	1 3/4	70,178	1 3/4	56,750
2	168,686	2	156,340	2	144,000	2	131,649	2	119,303	2	106,958	2	94,612	2	83,332	2	69,921	2	56,448
1/4	168,429	1/4	156,083	1/4	143,743	1/4	131,392	1/4	119,046	1/4	106,700	1/4	94,355	1/4	83,130	1/4	69,663	1/4	56,146
1/2	168,171	1/2	155,826	1/2	143,486	1/2	131,135	1/2	118,789	1/2	106,443	1/2	94,098	1/2	82,928	1/2	68,860	1/2	55,844
3/4	167,914	3/4	155,569	3/4	143,229	3/4	130,877	3/4	118,532	3/4	106,186	3/4	93,840	3/4	82,726	3/4	68,557	3/4	55,542
1	167,657	1	155,311	1	142,972	1	130,620	1	118,274	1	105,929	1	93,583	1	82,524	1	68,250	1	55,240
1 1/4	167,400	1 1/4	155,054	1 1/4	142,715	1 1/4	130,363	1 1/4	118,017	1 1/4	105,672	1 1/4	93,326	1 1/4	82,322	1 1/4	67,948	1 1/4	54,938
1 1/2	167,143	1 1/2	154,797	1 1/2	142,458	1 1/2	130,106	1 1/2	117,760	1 1/2	105,414	1 1/2	93,069	1 1/2	82,120	1 1/2	67,646	1 1/2	54,636
1 3/4	166,885	1 3/4	154,540	1 3/4	142,201	1 3/4	129,849	1 3/4	117,503	1 3/4	105,157	1 3/4	92,812	1 3/4	81,918	1 3/4	67,344	1 3/4	54,334
2	166,628	2	154,283	2	141,937	2	129,591	2	117,246	2	104,900	2	92,554	2	81,716	2	67,042	2	54,032
1/4	166,371	1/4	154,025	1/4	141,680	1/4	129,334	1/4	116,988	1/4	104,643	1/4	92,297	1/4	81,514	1/4	66,740	1/4	53,730
1/2	166,114	1/2	153,768	1/2	141,423	1/2	129,077	1/2	116,731	1/2	104,386	1/2	92,040	1/2	81,312	1/2	66,438	1/2	53,428
3/4	165,857	3/4	153,511	3/4	141,165	3/4	128,820	3/4	116,474	3/4	104,128	3/4	91,783	3/4	81,110	3/4	66,136	3/4	53,126
1	165,599	1	153,254	1	140,908	1	128,562	1	116,217	1	103,871	1	91,526	1	80,908	1	65,834	1	52,824
1 1/4	165,342	1 1/4	152,997	1 1/4	140,651	1 1/4	128,305	1 1/4	115,960	1 1/4	103,614	1 1/4	91,268	1 1/4	80,706	1 1/4	65,532	1 1/4	52,522
1 1/2	165,085	1 1/2	152,739	1 1/2	140,394	1 1/2	128,048	1 1/2	115,702	1 1/2	103,357	1 1/2	91,011	1 1/2	80,504	1 1/2	65,230	1 1/2	52,220
1 3/4	164,828	1 3/4	152,482	1 3/4	140,137	1 3/4	127,791	1 3/4	115,445	1 3/4	103,100	1 3/4	90,754	1 3/4	80,302	1 3/4	64,928	1 3/4	51,918
2	164,571	2	152,225	2	139,879	2	127,534	2	115,188	2	102,842	2	90,497	2	80,100	2	64,626	2	51,616
1/4	164,313	1/4	151,968	1/4	139,622	1/4	127,278	1/4	114,931	1/4	102,585	1/4	90,240	1/4	79,898	1/4	64,324	1/4	51,314
1/2	164,056	1/2	151,711	1/2	139,365	1/2	127,019	1/2	114,674	1/2	102,328	1/2	89,982	1/2	79,696	1/2	64,022	1/2	51,012
3/4	163,799	3/4	151,453	3/4	139,108	3/4	126,762	3/4	114,416	3/4	102,071	3/4	89,725	3/4	79,494	3/4	63,720	3/4	50,710
1	163,542	1	151,196	1	138,851	1	126,505	1	114,159	1	101,814	1	89,468	1	79,292	1	63,418	1	50,408
1 1/4	163,285	1 1/4	150,939	1 1/4	138,593	1 1/4	126,248	1 1/4	113,902	1 1/4	101,556	1 1/4	89,211	1 1/4	79,090	1 1/4	63,116	1 1/4	50,106
1 1/2	163,027	1 1/2	150,682	1 1/2	138,336	1 1/2	125,990	1 1/2	113,645	1 1/2	101,299	1 1/2	88,954	1 1/2	78,888	1 1/2	62,814	1 1/2	49,804
1 3/4	162,770	1 3/4	150,425	1 3/4	138,079	1 3/4	125,733	1 3/4	113,388	1 3/4	101,042	1 3/4	88,696	1 3/4	78,686	1 3/4	62,512	1 3/4	49,502

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IAPMO 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
Pearland, Texas 77588
http://www.pma.com.net



BARGE "IB 1914"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS				GAUGE HEIGHT 15'-03 1/2"						
IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	63,748	0	51,402	0	39,057	0	26,729	0	14,383	0
1/4	63,491	1/4	51,145	1/4	38,800	1/4	26,471	1/4	14,126	1/4
1/2	63,233	1/2	50,888	1/2	38,544	1/2	26,214	1/2	13,869	1/2
3/4	62,976	3/4	50,631	3/4	38,287	3/4	25,957	3/4	13,612	3/4
1	62,719	1	50,373	1	38,030	1	25,700	1	13,355	1
1 1/4	62,462	1 1/4	50,116	1 1/4	37,773	1 1/4	25,443	1 1/4	13,097	1 1/4
1 1/2	62,205	1 1/2	49,859	1 1/2	37,516	1 1/2	25,185	1 1/2	12,840	1 1/2
1 3/4	61,947	1 3/4	49,602	1 3/4	37,259	1 3/4	24,928	1 3/4	12,583	1 3/4
2	61,690	2	49,345	2	37,003	2	24,671	2	12,326	2
2 1/4	61,433	2 1/4	49,087	2 1/4	36,746	2 1/4	24,414	2 1/4	12,069	2 1/4
2 1/2	61,176	2 1/2	48,830	2 1/2	36,489	2 1/2	24,157	2 1/2	11,811	2 1/2
2 3/4	60,919	2 3/4	48,573	2 3/4	36,233	2 3/4	23,899	2 3/4	11,554	2 3/4
3	60,661	3	48,316	3	35,976	3	23,642	3	11,297	3
3 1/4	60,404	3 1/4	48,059	3 1/4	35,719	3 1/4	23,385	3 1/4	11,040	3 1/4
3 1/2	60,147	3 1/2	47,801	3 1/2	35,462	3 1/2	23,128	3 1/2	10,783	3 1/2
3 3/4	59,890	3 3/4	47,544	3 3/4	35,206	3 3/4	22,871	3 3/4	10,526	3 3/4
4	59,633	4	47,287	4	34,949	4	22,613	4	10,268	4
4 1/4	59,375	4 1/4	47,030	4 1/4	34,692	4 1/4	22,356	4 1/4	10,011	4 1/4
4 1/2	59,118	4 1/2	46,773	4 1/2	34,435	4 1/2	22,099	4 1/2	9,754	4 1/2
4 3/4	58,861	4 3/4	46,515	4 3/4	34,179	4 3/4	21,842	4 3/4	9,497	4 3/4
5	58,604	5	46,258	5	33,922	5	21,585	5	9,239	5
5 1/4	58,347	5 1/4	46,001	5 1/4	33,665	5 1/4	21,328	5 1/4	8,982	5 1/4
5 1/2	58,089	5 1/2	45,744	5 1/2	33,408	5 1/2	21,070	5 1/2	8,725	5 1/2
5 3/4	57,832	5 3/4	45,487	5 3/4	33,152	5 3/4	20,813	5 3/4	8,468	5 3/4
6	57,575	6	45,229	6	32,895	6	20,556	6	8,211	6
6 1/4	57,318	6 1/4	44,972	6 1/4	32,638	6 1/4	20,299	6 1/4	7,954	6 1/4
6 1/2	57,061	6 1/2	44,715	6 1/2	32,381	6 1/2	20,042	6 1/2	7,696	6 1/2
6 3/4	56,803	6 3/4	44,458	6 3/4	32,125	6 3/4	19,784	6 3/4	7,439	6 3/4
7	56,546	7	44,201	7	31,868	7	19,527	7	7,182	7
7 1/4	56,289	7 1/4	43,943	7 1/4	31,611	7 1/4	19,270	7 1/4	6,925	7 1/4
7 1/2	56,032	7 1/2	43,686	7 1/2	31,354	7 1/2	19,013	7 1/2	6,668	7 1/2
7 3/4	55,775	7 3/4	43,429	7 3/4	31,098	7 3/4	18,756	7 3/4	6,411	7 3/4
8	55,517	8	43,172	8	30,841	8	18,498	8	6,154	8
8 1/4	55,260	8 1/4	42,914	8 1/4	30,584	8 1/4	18,241	8 1/4	5,897	8 1/4
8 1/2	55,003	8 1/2	42,657	8 1/2	30,327	8 1/2	17,984	8 1/2	5,640	8 1/2
8 3/4	54,746	8 3/4	42,400	8 3/4	30,071	8 3/4	17,727	8 3/4	5,384	8 3/4
9	54,489	9	42,143	9	29,814	9	17,470	9	5,127	9
9 1/4	54,231	9 1/4	41,886	9 1/4	29,557	9 1/4	17,212	9 1/4	4,871	9 1/4
9 1/2	53,974	9 1/2	41,628	9 1/2	29,300	9 1/2	16,955	9 1/2	4,615	9 1/2
9 3/4	53,717	9 3/4	41,371	9 3/4	29,043	9 3/4	16,698	9 3/4	4,359	9 3/4
10	53,460	10	41,114	10	28,786	10	16,441	10	4,103	10
10 1/4	53,203	10 1/4	40,857	10 1/4	28,529	10 1/4	16,184	10 1/4	3,848	10 1/4
10 1/2	52,945	10 1/2	40,600	10 1/2	28,272	10 1/2	15,926	10 1/2	3,592	10 1/2
10 3/4	52,688	10 3/4	40,342	10 3/4	28,015	10 3/4	15,669	10 3/4	3,338	10 3/4
11	52,431	11	40,085	11	27,757	11	15,412	11	3,084	11
11 1/4	52,174	11 1/4	39,828	11 1/4	27,500	11 1/4	15,155	11 1/4	2,830	11 1/4
11 1/2	51,917	11 1/2	39,571	11 1/2	27,243	11 1/2	14,898	11 1/2	2,575	11 1/2
11 3/4	51,659	11 3/4	39,314	11 3/4	26,986	11 3/4	14,641	11 3/4	2,323	11 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
 & ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
 ALL PRIOR TO 06/2019