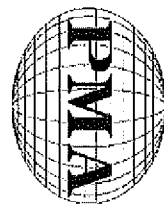


Gallons



# BARGE "1B 1322" ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
3 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4

(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)

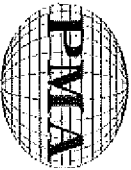
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

April 15, 2020

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

<http://www.pmacorp.net>



# BARGE "IB 1322"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	170,259	0	160,519	0	150,339	0	140,159	0	129,979	0	119,090	0	107,193	0	95,292	0	83,390	
1/4	1/4	170,191	1/4	160,307	1/4	150,127	1/4	139,947	1/4	129,767	1/4	118,882	1/4	106,945	1/4	95,044	1/4	83,142	
1/2	1/2	170,046	1/2	160,095	1/2	149,915	1/2	139,735	1/2	129,555	1/2	118,595	1/2	106,697	1/2	94,796	1/2	82,894	
3/4	3/4	169,902	3/4	159,883	3/4	149,703	3/4	139,523	3/4	129,342	3/4	118,347	3/4	106,449	3/4	94,548	3/4	82,646	
1	1	169,757	1	159,671	1	149,491	1	139,311	1	129,130	1	118,100	1	106,201	1	94,300	1	82,398	
1/4	1/4	169,612	1/4	159,459	1/4	149,279	1/4	139,098	1/4	128,918	1/4	117,852	1/4	105,954	1/4	94,052	1/4	82,150	
1/2	1/2	169,407	1/2	159,247	1/2	149,066	1/2	138,886	1/2	128,706	1/2	117,604	1/2	105,706	1/2	93,804	1/2	81,903	
3/4	3/4	169,201	3/4	159,034	3/4	148,854	3/4	138,674	3/4	128,484	3/4	117,357	3/4	105,458	3/4	93,556	3/4	81,656	
2	2	168,996	2	158,822	2	148,642	2	138,462	2	128,282	2	117,109	2	105,210	2	93,308	2	81,409	
1/4	1/4	168,791	1/4	158,610	1/4	148,430	1/4	138,250	1/4	128,070	1/4	116,862	1/4	104,962	1/4	93,060	1/4	81,162	
1/2	1/2	168,578	1/2	158,398	1/2	148,218	1/2	138,038	1/2	127,858	1/2	116,614	1/2	104,714	1/2	92,812	1/2	80,915	
3/4	3/4	168,365	3/4	158,186	3/4	148,006	3/4	137,826	3/4	127,646	3/4	116,366	3/4	104,466	3/4	92,564	3/4	80,668	
3	3	168,153	3	157,974	3	147,794	3	137,614	3	127,434	3	116,119	3	104,218	3	92,316	3	80,421	
1/4	1/4	167,940	1/4	157,762	1/4	147,582	1/4	137,402	1/4	127,222	1/4	115,871	1/4	103,970	1/4	92,068	1/4	80,174	
1/2	1/2	167,728	1/2	157,550	1/2	147,370	1/2	137,190	1/2	127,010	1/2	115,623	1/2	103,722	1/2	91,820	1/2	79,927	
3/4	3/4	167,517	3/4	157,338	3/4	147,158	3/4	136,978	3/4	126,797	3/4	115,376	3/4	103,474	3/4	91,572	3/4	79,680	
4	4	167,305	4	157,126	4	146,946	4	136,765	4	126,585	4	115,128	4	103,226	4	91,324	4	79,433	
1/4	1/4	167,093	1/4	156,914	1/4	146,734	1/4	136,553	1/4	126,373	1/4	114,880	1/4	102,978	1/4	91,076	1/4	79,186	
1/2	1/2	166,881	1/2	156,702	1/2	146,521	1/2	136,341	1/2	126,161	1/2	114,632	1/2	102,730	1/2	90,828	1/2	78,939	
3/4	3/4	166,669	3/4	156,489	3/4	146,309	3/4	136,129	3/4	125,949	3/4	114,384	3/4	102,482	3/4	90,581	3/4	78,693	
5	5	166,457	5	156,277	5	146,097	5	135,917	5	125,727	5	114,136	5	102,234	5	90,333	5	78,446	
1/4	1/4	166,245	1/4	156,065	1/4	145,885	1/4	135,705	1/4	125,525	1/4	113,888	1/4	101,986	1/4	90,085	1/4	78,199	
1/2	1/2	166,033	1/2	155,853	1/2	145,673	1/2	135,493	1/2	125,313	1/2	113,640	1/2	101,738	1/2	89,837	1/2	77,952	
3/4	3/4	165,821	3/4	155,641	3/4	145,461	3/4	135,281	3/4	125,101	3/4	113,392	3/4	101,490	3/4	89,589	3/4	77,705	
6	6	165,609	6	155,429	6	145,249	6	135,069	6	124,889	6	112,896	6	101,242	6	89,341	6	77,458	
1/4	1/4	165,397	1/4	155,217	1/4	145,037	1/4	134,857	1/4	124,677	1/4	112,896	1/4	100,994	1/4	89,093	1/4	77,211	
1/2	1/2	165,185	1/2	155,005	1/2	144,825	1/2	134,645	1/2	124,452	1/2	112,648	1/2	100,747	1/2	88,845	1/2	76,964	
3/4	3/4	164,973	3/4	154,793	3/4	144,613	3/4	134,433	3/4	124,226	3/4	112,400	3/4	100,499	3/4	88,597	3/4	76,717	
7	7	164,761	7	154,581	7	144,401	7	134,220	7	124,001	7	112,152	7	100,251	7	88,349	7	76,470	
1/4	1/4	164,549	1/4	154,369	1/4	144,188	1/4	134,008	1/4	123,776	1/4	111,904	1/4	100,003	1/4	88,101	1/4	76,224	
1/2	1/2	164,337	1/2	154,157	1/2	143,976	1/2	133,796	1/2	123,533	1/2	111,656	1/2	99,755	1/2	87,853	1/2	75,977	
3/4	3/4	164,125	3/4	153,944	3/4	143,764	3/4	133,584	3/4	123,280	3/4	111,408	3/4	99,507	3/4	87,605	3/4	75,730	
8	8	163,912	8	153,732	8	143,552	8	133,372	8	123,047	8	111,161	8	99,259	8	87,357	8	75,483	
1/4	1/4	163,700	1/4	153,520	1/4	143,340	1/4	133,160	1/4	122,804	1/4	110,913	1/4	99,011	1/4	87,109	1/4	75,236	
1/2	1/2	163,488	1/2	153,308	1/2	143,128	1/2	132,948	1/2	122,586	1/2	110,665	1/2	98,763	1/2	86,861	1/2	74,989	
3/4	3/4	163,276	3/4	153,096	3/4	142,916	3/4	132,736	3/4	122,309	3/4	110,417	3/4	98,515	3/4	86,613	3/4	74,742	
9	9	163,064	9	152,884	9	142,704	9	132,524	9	122,061	9	110,169	9	98,267	9	86,365	9	74,495	
1/4	1/4	162,852	1/4	152,672	1/4	142,492	1/4	132,312	1/4	121,814	1/4	109,921	1/4	98,019	1/4	86,117	1/4	74,248	
1/2	1/2	162,640	1/2	152,460	1/2	142,280	1/2	132,100	1/2	121,566	1/2	109,673	1/2	97,771	1/2	85,869	1/2	74,001	
3/4	3/4	162,428	3/4	152,248	3/4	142,068	3/4	131,888	3/4	121,318	3/4	109,425	3/4	97,523	3/4	85,622	3/4	73,755	
10	10	162,216	10	152,036	10	141,856	10	131,675	10	121,071	10	109,177	10	97,275	10	85,374	10	73,508	
1/4	1/4	162,004	1/4	151,824	1/4	141,633	1/4	131,463	1/4	120,823	1/4	108,929	1/4	97,027	1/4	85,126	1/4	73,261	
1/2	1/2	161,792	1/2	151,611	1/2	141,411	1/2	131,251	1/2	120,576	1/2	108,681	1/2	96,779	1/2	84,878	1/2	73,014	
3/4	3/4	161,580	3/4	151,399	3/4	141,219	3/4	131,039	3/4	120,328	3/4	108,433	3/4	96,531	3/4	84,630	3/4	72,767	
11	11	161,367	11	151,187	11	141,007	11	130,827	11	120,080	11	108,185	11	96,283	11	84,382	11	72,520	
1/4	1/4	161,155	1/4	150,975	1/4	140,795	1/4	130,615	1/4	119,833	1/4	107,937	1/4	96,035	1/4	84,134	1/4	72,273	
1/2	1/2	160,943	1/2	150,763	1/2	140,583	1/2	130,403	1/2	119,585	1/2	107,689	1/2	95,788	1/2	83,886	1/2	72,026	
3/4	3/4	160,731	3/4	150,551	3/4	140,371	3/4	130,191	3/4	119,338	3/4	107,441	3/4	95,540	3/4	83,638	3/4	71,778	

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 30'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "IB 1322"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	71,530	0	59,634	0	47,737	0	35,924	0	24,261	0	12,345	0	699	0	0	0	0	0	0
1/4	71,283	1/4	59,386	1/4	47,489	1/4	35,675	1/4	24,013	1/4	12,096	1/4	528	1/4	0	1/4	0	1/4	0
1/2	71,035	1/2	59,138	1/2	47,241	1/2	35,446	1/2	23,765	1/2	11,848	1/2	454	1/2	0	1/2	0	1/2	0
3/4	70,787	3/4	58,890	3/4	46,993	3/4	35,206	3/4	23,517	3/4	11,599	3/4	379	3/4	0	3/4	0	3/4	0
1	70,539	1	58,642	1	46,745	1	34,957	1	23,269	1	11,351	1	304	1	0	1	0	1	0
1 1/4	70,291	1 1/4	58,394	1 1/4	46,497	1 1/4	34,717	1 1/4	23,021	1 1/4	11,102	1 1/4	230	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	70,043	1 1/2	58,147	1 1/2	46,250	1 1/2	34,488	1 1/2	22,773	1 1/2	10,854	1 1/2	155	1 1/2	0	1 1/2	0	1 1/2	0
3/2	69,795	3/2	57,899	3/2	46,002	3/2	34,259	3/2	22,525	3/2	10,605	3/2	80	3/2	0	3/2	0	3/2	0
2	69,548	2	57,651	2	45,754	2	34,009	2	22,277	2	10,357	2	5	2	0	2	0	2	0
1 1/2	69,300	1 1/2	57,403	1 1/2	45,506	1 1/2	33,770	1 1/2	22,029	1 1/2	10,108	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
1 1/2	69,052	1 1/2	57,155	1 1/2	45,258	1 1/2	33,530	1 1/2	21,781	1 1/2	9,860	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/2	68,804	3/2	56,907	3/2	45,010	3/2	33,281	3/2	21,533	3/2	9,611	3/2	0	3/2	0	3/2	0	3/2	0
3	68,556	3	56,659	3	44,762	3	33,032	3	21,285	3	9,363	3	0	3	0	3	0	3	0
1 1/4	68,309	1 1/4	56,412	1 1/4	44,515	1 1/4	32,812	1 1/4	21,037	1 1/4	9,114	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	68,061	1 1/2	56,164	1 1/2	44,267	1 1/2	32,573	1 1/2	20,789	1 1/2	8,866	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/2	67,813	3/2	55,916	3/2	44,019	3/2	32,333	3/2	20,541	3/2	8,617	3/2	0	3/2	0	3/2	0	3/2	0
4	67,565	4	55,668	4	43,771	4	32,094	4	20,293	4	8,369	4	0	4	0	4	0	4	0
1 1/2	67,317	1 1/2	55,420	1 1/2	43,523	1 1/2	31,855	1 1/2	20,045	1 1/2	8,120	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
1 1/2	67,069	1 1/2	55,172	1 1/2	43,275	1 1/2	31,615	1 1/2	19,797	1 1/2	7,872	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/2	66,821	3/2	54,924	3/2	43,028	3/2	31,376	3/2	19,549	3/2	7,623	3/2	0	3/2	0	3/2	0	3/2	0
5	66,574	5	54,677	5	42,780	5	31,136	5	19,301	5	7,375	5	0	5	0	5	0	5	0
1 1/4	66,326	1 1/4	54,429	1 1/4	42,532	1 1/4	30,897	1 1/4	19,053	1 1/4	7,126	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	66,078	1 1/2	54,181	1 1/2	42,284	1 1/2	30,656	1 1/2	18,805	1 1/2	6,878	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/2	65,830	3/2	53,933	3/2	42,036	3/2	30,415	3/2	18,556	3/2	6,629	3/2	0	3/2	0	3/2	0	3/2	0
6	65,582	6	53,685	6	41,788	6	30,174	6	18,308	6	6,381	6	0	6	0	6	0	6	0
1 1/4	65,334	1 1/4	53,437	1 1/4	41,540	1 1/4	29,933	1 1/4	18,060	1 1/4	6,132	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	65,086	1 1/2	53,189	1 1/2	41,293	1 1/2	29,692	1 1/2	17,811	1 1/2	5,884	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/2	64,839	3/2	52,942	3/2	41,045	3/2	29,450	3/2	17,563	3/2	5,635	3/2	0	3/2	0	3/2	0	3/2	0
7	64,591	7	52,694	7	40,797	7	29,208	7	17,314	7	5,387	7	0	7	0	7	0	7	0
1 1/2	64,343	1 1/2	52,446	1 1/2	40,549	1 1/2	28,967	1 1/2	17,066	1 1/2	5,138	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
1 1/2	64,095	1 1/2	52,198	1 1/2	40,301	1 1/2	28,721	1 1/2	16,817	1 1/2	4,890	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	63,847	3/4	51,950	3/4	40,053	3/4	28,474	3/4	16,569	3/4	4,641	3/4	0	3/4	0	3/4	0	3/4	0
8	63,599	8	51,702	8	39,805	8	28,228	8	16,320	8	4,393	8	0	8	0	8	0	8	0
1 1/4	63,351	1 1/4	51,455	1 1/4	39,558	1 1/4	27,981	1 1/4	16,072	1 1/4	4,144	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	63,104	1 1/2	51,207	1 1/2	39,310	1 1/2	27,733	1 1/2	15,823	1 1/2	3,896	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	62,856	3/4	50,959	3/4	39,062	3/4	27,485	3/4	15,575	3/4	3,648	3/4	0	3/4	0	3/4	0	3/4	0
9	62,608	9	50,711	9	38,814	9	27,237	9	15,326	9	3,399	9	0	9	0	9	0	9	0
1 1/4	62,360	1 1/4	50,463	1 1/4	38,566	1 1/4	26,989	1 1/4	15,078	1 1/4	3,151	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	62,112	1 1/2	50,215	1 1/2	38,325	1 1/2	26,741	1 1/2	14,830	1 1/2	2,904	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	61,864	3/4	49,967	3/4	38,083	3/4	26,493	3/4	14,581	3/4	2,656	3/4	0	3/4	0	3/4	0	3/4	0
10	61,616	10	49,720	10	37,842	10	26,245	10	14,333	10	2,409	10	0	10	0	10	0	10	0
1 1/4	61,369	1 1/4	49,472	1 1/4	37,600	1 1/4	25,997	1 1/4	14,084	1 1/4	2,161	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	61,121	1 1/2	49,224	1 1/2	37,361	1 1/2	25,749	1 1/2	13,835	1 1/2	1,923	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	60,873	3/4	48,976	3/4	37,121	3/4	25,501	3/4	13,587	3/4	1,686	3/4	0	3/4	0	3/4	0	3/4	0
11	60,625	11	48,728	11	36,882	11	25,253	11	13,339	11	1,448	11	0	11	0	11	0	11	0
1 1/4	60,377	1 1/4	48,480	1 1/4	36,643	1 1/4	25,005	1 1/4	13,090	1 1/4	1,210	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	60,129	1 1/2	48,232	1 1/2	36,403	1 1/2	24,757	1 1/2	12,842	1 1/2	1,040	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	59,882	3/4	47,985	3/4	36,164	3/4	24,509	3/4	12,593	3/4	869	3/4	0	3/4	0	3/4	0	3/4	0

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2020 JS  
 CALCULATED: 04/14/2020 CL  
 PRINTED: 04/15/2020 SW  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 04/2020

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Portland, Texas 77588

http://www.dmaacorp.net



# BARGE "IB 1322"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	153,776	1/4	153,776	1/2	144,592	1/2	134,308	3/4	124,025	3/4	113,741	3/4	103,458	3/4	93,174	3/4	82,891	3/4	72,607	3/4
1/2	153,718	1/2	153,718	1	144,378	1	133,884	1 1/4	123,816	1 1/4	113,557	1 1/4	103,244	1 1/4	92,960	1 1/4	82,677	1 1/4	72,393	1 1/4
3/4	153,660	3/4	153,660	1 1/2	144,163	1 1/2	133,800	1 3/4	123,596	1 3/4	113,313	1 3/4	103,029	1 3/4	92,746	1 3/4	82,462	1 3/4	72,179	1 3/4
1	153,602	1	153,602	1 3/4	143,949	1 3/4	133,666	1 3/4	123,382	1 3/4	113,099	1 3/4	102,815	1 3/4	92,532	1 3/4	82,248	1 3/4	71,965	1 3/4
1 1/4	153,544	1 1/4	153,544	1 3/4	143,735	1 3/4	133,451	1 3/4	123,168	1 3/4	112,884	1 3/4	102,601	1 3/4	92,317	1 3/4	82,034	1 3/4	71,750	1 3/4
1 1/2	153,449	1 1/2	153,449	1 3/4	143,521	1 1/2	133,237	1 1/2	122,959	1 1/2	112,670	1 1/2	102,387	1 1/2	92,103	1 1/2	81,820	1 1/2	71,536	1 1/2
1 3/4	153,294	1 3/4	153,294	1 3/4	143,306	1 3/4	133,023	1 3/4	122,739	1 3/4	112,456	1 3/4	102,172	1 3/4	91,889	1 3/4	81,606	1 3/4	71,322	1 3/4
2	153,169	2	153,169	1 3/4	143,092	2	132,809	2	122,525	2	112,242	2	101,958	2	91,675	2	81,391	2	71,108	2
2 1/4	153,044	2 1/4	153,044	2	142,878	2 1/4	132,594	2 1/4	122,311	2 1/4	112,027	2 1/4	101,744	2 1/4	91,461	2 1/4	81,177	2 1/4	70,894	2 1/4
2 1/2	152,855	2 1/2	152,855	2 1/4	142,664	2 1/2	132,380	2 1/2	122,097	2 1/2	111,813	2 1/2	101,530	2 1/2	91,246	2 1/2	80,963	2 1/2	70,679	2 1/2
2 3/4	152,667	2 3/4	152,667	2 1/2	142,449	2 3/4	132,166	2 3/4	121,883	2 3/4	111,599	2 3/4	101,316	2 3/4	91,032	2 3/4	80,749	2 3/4	70,465	2 3/4
3	152,478	3	152,478	2 3/4	142,235	3	131,952	3	121,668	3	111,385	3	101,101	3	90,818	3	80,534	3	70,251	3
3 1/4	152,289	3 1/4	152,289	3	142,021	3 1/4	131,738	3 1/4	121,454	3 1/4	111,171	3 1/4	100,887	3 1/4	90,604	3 1/4	80,320	3 1/4	70,037	3 1/4
3 1/2	152,078	3 1/2	152,078	3 1/4	141,807	3 1/2	131,523	3 1/2	121,240	3 1/2	110,956	3 1/2	100,673	3 1/2	90,389	3 1/2	80,106	3 1/2	69,822	3 1/2
3 3/4	151,857	3 3/4	151,857	3 1/2	141,593	3 3/4	131,309	3 3/4	121,026	3 3/4	110,742	3 3/4	100,459	3 3/4	90,175	3 3/4	79,892	3 3/4	69,608	3 3/4
4	151,656	4	151,656	3 3/4	141,378	4	131,095	4	120,814	4	110,528	4	100,244	4	89,961	4	79,683	4	69,394	4
4 1/4	151,446	4 1/4	151,446	4	141,164	4 1/4	130,881	4 1/4	120,597	4 1/4	110,314	4 1/4	100,030	4 1/4	89,747	4 1/4	79,463	4 1/4	69,180	4 1/4
4 1/2	151,232	4 1/2	151,232	4 1/4	140,950	4 1/2	130,666	4 1/2	120,383	4 1/2	110,099	4 1/2	99,816	4 1/2	89,532	4 1/2	79,249	4 1/2	68,965	4 1/2
4 3/4	151,018	4 3/4	151,018	4 1/2	140,736	4 3/4	130,452	4 3/4	120,169	4 3/4	109,885	4 3/4	99,602	4 3/4	89,318	4 3/4	79,035	4 3/4	68,751	4 3/4
5	150,804	5	150,804	4 3/4	140,521	5	130,238	5	119,954	5	109,671	5	99,319	5	89,04	5	78,820	5	68,537	5
5 1/4	150,590	5 1/4	150,590	5	140,307	5 1/4	130,024	5 1/4	119,740	5 1/4	109,457	5 1/4	99,173	5 1/4	88,890	5 1/4	78,606	5 1/4	68,323	5 1/4
5 1/2	150,376	5 1/2	150,376	5 1/4	140,093	5 1/2	129,809	5 1/2	119,526	5 1/2	109,242	5 1/2	98,959	5 1/2	88,675	5 1/2	78,392	5 1/2	68,108	5 1/2
5 3/4	150,162	5 3/4	150,162	5 1/2	139,879	5 3/4	129,595	5 3/4	119,312	5 3/4	109,028	5 3/4	98,745	5 3/4	88,461	5 3/4	78,178	5 3/4	67,894	5 3/4
6	149,948	6	149,948	5 3/4	139,664	6	129,381	6	119,097	6	108,814	6	98,530	6	88,247	6	77,963	6	67,680	6
6 1/4	149,734	6 1/4	149,734	6	139,450	6 1/4	129,167	6 1/4	118,883	6 1/4	108,600	6 1/4	98,316	6 1/4	88,033	6 1/4	77,749	6 1/4	67,466	6 1/4
6 1/2	149,519	6 1/2	149,519	6 1/4	139,236	6 1/2	128,952	6 1/2	118,669	6 1/2	108,385	6 1/2	98,102	6 1/2	87,818	6 1/2	77,535	6 1/2	67,251	6 1/2
6 3/4	149,305	6 3/4	149,305	6 1/2	139,022	6 3/4	128,738	6 3/4	118,455	6 3/4	108,171	6 3/4	97,888	6 3/4	87,604	6 3/4	77,321	6 3/4	67,037	6 3/4
7	149,091	7	149,091	6 3/4	138,807	7	128,524	7	118,240	7	107,957	7	97,673	7	87,390	7	77,106	7	66,823	7
7 1/4	148,877	7 1/4	148,877	7	138,593	7 1/4	128,310	7 1/4	118,026	7 1/4	107,743	7 1/4	97,459	7 1/4	87,176	7 1/4	76,892	7 1/4	66,609	7 1/4
7 1/2	148,662	7 1/2	148,662	7 1/4	138,379	7 1/2	128,095	7 1/2	117,812	7 1/2	107,528	7 1/2	97,245	7 1/2	86,961	7 1/2	76,678	7 1/2	66,395	7 1/2
7 3/4	148,448	7 3/4	148,448	7 1/2	138,165	7 3/4	127,881	7 3/4	117,598	7 3/4	107,314	7 3/4	97,031	7 3/4	86,747	7 3/4	76,464	7 3/4	66,180	7 3/4
8	148,234	8	148,234	7 3/4	137,950	8	127,667	8	117,383	8	107,100	8	96,817	8	86,533	8	76,250	8	65,966	8
8 1/4	148,020	8 1/4	148,020	8	137,736	8 1/4	127,453	8 1/4	117,169	8 1/4	106,886	8 1/4	96,602	8 1/4	86,319	8 1/4	76,035	8 1/4	65,752	8 1/4
8 1/2	147,805	8 1/2	147,805	8 1/4	137,522	8 1/2	127,238	8 1/2	116,955	8 1/2	106,672	8 1/2	96,388	8 1/2	86,105	8 1/2	75,821	8 1/2	65,538	8 1/2
8 3/4	147,591	8 3/4	147,591	8 1/2	137,308	8 3/4	127,024	8 3/4	116,741	8 3/4	106,457	8 3/4	96,174	8 3/4	85,890	8 3/4	75,607	8 3/4	65,323	8 3/4
9	147,377	9	147,377	8 3/4	137,094	9	126,810	9	116,527	9	106,243	9	95,960	9	85,676	9	75,393	9	65,109	9
9 1/4	147,163	9 1/4	147,163	9	136,879	9 1/4	126,596	9 1/4	116,312	9 1/4	106,029	9 1/4	95,745	9 1/4	85,462	9 1/4	75,178	9 1/4	64,895	9 1/4
9 1/2	146,949	9 1/2	146,949	9 1/4	136,665	9 1/2	126,382	9 1/2	116,098	9 1/2	105,815	9 1/2	95,531	9 1/2	85,248	9 1/2	74,964	9 1/2	64,681	9 1/2
9 3/4	146,734	9 3/4	146,734	9 1/2	136,451	9 3/4	126,167	9 3/4	115,884	9 3/4	105,600	9 3/4	95,317	9 3/4	85,033	9 3/4	74,750	9 3/4	64,466	9 3/4
10	146,520	10	146,520	9 3/4	136,237	10	125,953	10	115,670	10	105,386	10	95,103	10	84,819	10	74,536	10	64,252	10
10 1/4	146,306	10 1/4	146,306	10	136,022	10 1/4	125,739	10 1/4	115,455	10 1/4	105,172	10 1/4	94,888	10 1/4	84,605	10 1/4	74,321	10 1/4	64,038	10 1/4
10 1/2	146,092	10 1/2	146,092	10 1/4	135,808	10 1/2	125,525	10 1/2	115,241	10 1/2	104,958	10 1/2	94,674	10 1/2	84,391	10 1/2	74,107	10 1/2	63,824	10 1/2
10 3/4	145,877	10 3/4	145,877	10 1/2	135,594	10 3/4	125,310	10 3/4	115,027	10 3/4	104,743	10 3/4	94,460	10 3/4	84,176	10 3/4	73,893	10 3/4	63,609	10 3/4
11	145,663	11	145,663	10 3/4	135,380	11	125,096	11	114,813	11	104,529	11	94,246	11	83,962	11	73,679	11	63,395	11
11 1/4	145,449	11 1/4	145,449	11	135,165	11 1/4	124,882	11 1/4	114,598	11 1/4	104,315	11 1/4	94,031	11 1/4	83,748	11 1/4	73,464	11 1/4	63,181	11 1/4
11 1/2	145,235	11 1/2	145,235	11 1/4	134,951	11 1/2	124,668	11 1/2	114,384	11 1/2	104,101	11 1/2	93,817	11 1/2	83,534	11 1/2	73,250	11 1/2	62,967	11 1/2
11 3/4	145,020	11 3/4	145,020	11 1/2	134,737	11 3/4	124,453	11 3/4	114,170	11 3/4	103,886	11 3/4	93,603	11 3/4	83,319	11 3/4	73,036	11 3/4	62,752	11 3/4
12	144,806	12	144,806	11 3/4	134,523	12	124,239	12	113,956	12	103,672	12	93,389	12	83,105	12	72,822	12	62,538	12



# BARGE "IB 1322"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

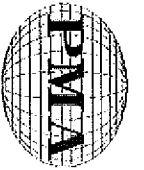
GAUGE HEIGHT 16'-02"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	62,324	0	52,040	0	41,757	0	31,517	0	21,443	0	11,160	0	918	0		0			
1/4	62,110	1/4	51,826	1/4	41,543	1/4	31,309	1/4	21,229	1/4	10,946	1/4	771	1/4		1/4			
1/2	61,895	1/2	51,612	1/2	41,328	1/2	31,101	1/2	21,015	1/2	10,732	1/2	624	1/2		1/2			
3/4	61,681	3/4	51,398	3/4	41,114	3/4	30,893	3/4	20,801	3/4	10,518	3/4	478	3/4		3/4			
1	61,467	1	51,184	1	40,900	1	30,685	1	20,586	1	10,303	1	331	1		1			
1/4	61,253	1/4	50,969	1/4	40,686	1/4	30,477	1/4	20,372	1/4	10,089	1/4	266	1/4		1/4			
1/2	61,039	1/2	50,755	1/2	40,472	1/2	30,270	1/2	20,158	1/2	9,875	1/2	202	1/2		1/2			
3/4	60,824	3/4	50,541	3/4	40,257	3/4	30,062	3/4	19,944	3/4	9,661	3/4	138	3/4		3/4			
1	60,610	1	50,327	1	40,043	1	29,854	1	19,730	1	9,446	1	74	1		1			
1/4	60,396	1/4	50,112	1/4	39,829	1/4	29,646	1/4	19,515	1/4	9,232	1/4		1/4		1/4			
1/2	60,182	1/2	49,898	1/2	39,615	1/2	29,438	1/2	19,301	1/2	9,018	1/2		1/2		1/2			
3/4	59,967	3/4	49,684	3/4	39,400	3/4	29,230	3/4	19,087	3/4	8,804	3/4		3/4		3/4			
1	59,753	1	49,470	1	39,186	1	29,022	1	18,873	1	8,590	1		1		1			
1/4	59,539	1/4	49,255	1/4	38,972	1/4	28,814	1/4	18,658	1/4	8,375	1/4		1/4		1/4			
1/2	59,325	1/2	49,041	1/2	38,758	1/2	28,606	1/2	18,444	1/2	8,161	1/2		1/2		1/2			
3/4	59,110	3/4	48,827	3/4	38,543	3/4	28,398	3/4	18,230	3/4	7,947	3/4		3/4		3/4			
1	58,896	1	48,613	1	38,329	1	28,190	1	18,016	1	7,733	1		1		1			
1/4	58,682	1/4	48,398	1/4	38,115	1/4	27,982	1/4	17,801	1/4	7,518	1/4		1/4		1/4			
1/2	58,468	1/2	48,184	1/2	37,901	1/2	27,774	1/2	17,587	1/2	7,304	1/2		1/2		1/2			
3/4	58,253	3/4	47,970	3/4	37,686	3/4	27,566	3/4	17,373	3/4	7,090	3/4		3/4		3/4			
1	58,039	1	47,756	1	37,472	1	27,358	1	17,159	1	6,876	1		1		1			
1/4	57,825	1/4	47,541	1/4	37,258	1/4	27,150	1/4	16,945	1/4	6,661	1/4		1/4		1/4			
1/2	57,611	1/2	47,327	1/2	37,044	1/2	26,942	1/2	16,730	1/2	6,447	1/2		1/2		1/2			
3/4	57,396	3/4	47,113	3/4	36,829	3/4	26,734	3/4	16,516	3/4	6,233	3/4		3/4		3/4			
1	57,182	1	46,899	1	36,615	1	26,526	1	16,302	1	6,019	1		1		1			
1/4	56,968	1/4	46,684	1/4	36,401	1/4	26,319	1/4	16,088	1/4	5,805	1/4		1/4		1/4			
1/2	56,754	1/2	46,470	1/2	36,187	1/2	26,111	1/2	15,873	1/2	5,590	1/2		1/2		1/2			
3/4	56,539	3/4	46,256	3/4	35,973	3/4	25,903	3/4	15,659	3/4	5,376	3/4		3/4		3/4			
1	56,325	1	46,042	1	35,758	1	25,695	1	15,445	1	5,162	1		1		1			
1/4	56,111	1/4	45,828	1/4	35,544	1/4	25,488	1/4	15,231	1/4	4,948	1/4		1/4		1/4			
1/2	55,897	1/2	45,613	1/2	35,330	1/2	25,280	1/2	15,016	1/2	4,733	1/2		1/2		1/2			
3/4	55,683	3/4	45,399	3/4	35,116	3/4	25,072	3/4	14,802	3/4	4,519	3/4		3/4		3/4			
1	55,468	1	45,185	1	34,901	1	24,865	1	14,588	1	4,305	1		1		1			
1/4	55,254	1/4	44,971	1/4	34,687	1/4	24,652	1/4	14,374	1/4	4,091	1/4		1/4		1/4			
1/2	55,040	1/2	44,756	1/2	34,473	1/2	24,439	1/2	14,160	1/2	3,877	1/2		1/2		1/2			
3/4	54,826	3/4	44,542	3/4	34,259	3/4	24,227	3/4	13,945	3/4	3,662	3/4		3/4		3/4			
1	54,611	1	44,328	1	34,044	1	24,014	1	13,731	1	3,448	1		1		1			
1/4	54,397	1/4	44,114	1/4	33,830	1/4	23,800	1/4	13,517	1/4	3,234	1/4		1/4		1/4			
1/2	54,183	1/2	43,899	1/2	33,616	1/2	23,586	1/2	13,303	1/2	3,020	1/2		1/2		1/2			
3/4	53,969	3/4	43,685	3/4	33,402	3/4	23,371	3/4	13,088	3/4	2,806	3/4		3/4		3/4			
1	53,754	1	43,471	1	33,187	1	23,157	1	12,874	1	2,592	1		1		1			
1/4	53,540	1/4	43,257	1/4	32,978	1/4	22,943	1/4	12,660	1/4	2,378	1/4		1/4		1/4			
1/2	53,326	1/2	43,042	1/2	32,768	1/2	22,729	1/2	12,446	1/2	2,165	1/2		1/2		1/2			
3/4	53,112	3/4	42,828	3/4	32,559	3/4	22,515	3/4	12,231	3/4	1,952	3/4		3/4		3/4			
1	52,897	1	42,614	1	32,349	1	22,300	1	12,017	1	1,738	1		1		1			
1/4	52,683	1/4	42,400	1/4	32,141	1/4	22,086	1/4	11,803	1/4	1,533	1/4		1/4		1/4			
1/2	52,469	1/2	42,185	1/2	31,933	1/2	21,872	1/2	11,589	1/2	1,328	1/2		1/2		1/2			
3/4	52,255	3/4	41,971	3/4	31,725	3/4	21,658	3/4	11,375	3/4	1,123	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2020 JS  
 CALCULATED: 04/14/2020 CL  
 PRINTED: 04/15/2020 SW  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 04/2020

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



# BARGE "IB 1322"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 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	155,086	0	145,515	0	135,150	0	124,786	0	114,422	0	104,058	0	93,693	0	83,329	0	72,965	
1/4	1/4	145,028	1/4	145,299	1/4	134,934	1/4	124,570	1/4	114,206	1/4	103,842	1/4	93,477	1/4	83,113	1/4	72,749	
1/2	1/2	154,969	1/2	145,083	1/2	134,719	1/2	124,354	1/2	113,990	1/2	103,626	1/2	93,261	1/2	82,897	1/2	72,533	
3/4	3/4	154,843	3/4	144,867	3/4	134,503	3/4	124,138	3/4	113,774	3/4	103,410	3/4	93,046	3/4	82,681	3/4	72,317	
1	1	154,717	1	144,651	1	134,287	1	123,922	1	113,558	1	103,194	1	92,830	1	82,465	1	72,101	
1/4	1/4	154,591	1/4	144,435	1/4	134,071	1/4	123,707	1/4	113,342	1/4	102,978	1/4	92,614	1/4	82,249	1/4	71,885	
1/2	1/2	154,465	1/2	144,219	1/2	133,855	1/2	123,491	1/2	113,126	1/2	102,762	1/2	92,398	1/2	81,982	1/2	71,669	
3/4	3/4	154,275	3/4	144,003	3/4	133,639	3/4	123,275	3/4	112,910	3/4	102,546	3/4	92,182	3/4	81,818	3/4	71,453	
2	2	154,085	2	143,787	2	133,423	2	123,059	2	112,694	2	102,330	2	91,966	2	81,602	2	71,237	
1/4	1/4	153,895	1/4	143,571	1/4	133,207	1/4	122,843	1/4	112,479	1/4	102,114	1/4	91,750	1/4	81,386	1/4	71,021	
1/2	1/2	153,704	1/2	143,355	1/2	132,991	1/2	122,627	1/2	112,263	1/2	101,898	1/2	91,534	1/2	81,170	1/2	70,806	
3/4	3/4	153,492	3/4	143,140	3/4	132,775	3/4	122,411	3/4	112,047	3/4	101,682	3/4	91,318	3/4	80,984	3/4	70,590	
3	3	153,279	3	142,924	3	132,559	3	122,195	3	111,831	3	101,466	3	91,102	3	80,738	3	70,374	
1/4	1/4	153,067	1/4	142,708	1/4	132,343	1/4	121,979	1/4	111,615	1/4	101,251	1/4	90,886	1/4	80,522	1/4	70,158	
1/2	1/2	152,854	1/2	142,492	1/2	132,127	1/2	121,763	1/2	111,399	1/2	101,035	1/2	90,670	1/2	80,306	1/2	69,942	
3/4	3/4	152,639	3/4	142,276	3/4	131,912	3/4	121,547	3/4	111,183	3/4	100,819	3/4	90,454	3/4	80,090	3/4	69,726	
4	4	152,423	4	142,060	4	131,696	4	121,331	4	110,967	4	100,603	4	90,239	4	80,239	4	69,510	
1/4	1/4	152,208	1/4	141,844	1/4	131,480	1/4	121,115	1/4	110,751	1/4	100,387	1/4	90,023	1/4	79,874	1/4	69,294	
1/2	1/2	151,992	1/2	141,628	1/2	131,264	1/2	120,900	1/2	110,535	1/2	100,171	1/2	89,807	1/2	79,642	1/2	69,078	
3/4	3/4	151,776	3/4	141,412	3/4	131,048	3/4	120,684	3/4	110,319	3/4	99,955	3/4	89,591	3/4	79,426	3/4	68,862	
5	5	151,560	5	141,196	5	130,832	5	120,468	5	110,103	5	99,739	5	89,375	5	79,211	5	68,646	
1/4	1/4	151,345	1/4	140,980	1/4	130,616	1/4	120,252	1/4	109,887	1/4	99,523	1/4	89,159	1/4	78,995	1/4	68,430	
1/2	1/2	151,129	1/2	140,764	1/2	130,400	1/2	120,036	1/2	109,672	1/2	99,307	1/2	88,943	1/2	78,781	1/2	68,214	
3/4	3/4	150,913	3/4	140,548	3/4	130,184	3/4	119,820	3/4	109,456	3/4	99,091	3/4	88,727	3/4	78,565	3/4	67,999	
6	6	150,697	6	140,333	6	129,968	6	119,604	6	109,240	6	98,875	6	88,511	6	78,349	6	67,783	
1/4	1/4	150,481	1/4	140,117	1/4	129,752	1/4	119,388	1/4	109,024	1/4	98,660	1/4	88,295	1/4	78,133	1/4	67,567	
1/2	1/2	150,265	1/2	139,901	1/2	129,536	1/2	119,172	1/2	108,808	1/2	98,444	1/2	88,079	1/2	77,917	1/2	67,351	
3/4	3/4	150,049	3/4	139,685	3/4	129,320	3/4	118,956	3/4	108,592	3/4	98,228	3/4	87,863	3/4	77,701	3/4	67,135	
7	7	149,833	7	139,469	7	129,105	7	118,740	7	108,376	7	98,012	7	87,647	7	77,485	7	66,919	
1/4	1/4	149,617	1/4	139,253	1/4	128,889	1/4	118,524	1/4	108,160	1/4	97,796	1/4	87,432	1/4	77,269	1/4	66,703	
1/2	1/2	149,401	1/2	139,037	1/2	128,673	1/2	118,308	1/2	107,944	1/2	97,580	1/2	87,216	1/2	77,053	1/2	66,487	
3/4	3/4	149,185	3/4	138,821	3/4	128,457	3/4	118,093	3/4	107,728	3/4	97,364	3/4	87,000	3/4	76,837	3/4	66,271	
8	8	148,969	8	138,605	8	128,241	8	117,877	8	107,512	8	97,148	8	86,784	8	76,621	8	66,055	
1/4	1/4	148,754	1/4	138,389	1/4	128,025	1/4	117,661	1/4	107,296	1/4	96,932	1/4	86,568	1/4	76,405	1/4	65,839	
1/2	1/2	148,538	1/2	138,173	1/2	127,809	1/2	117,445	1/2	107,080	1/2	96,716	1/2	86,352	1/2	76,189	1/2	65,623	
3/4	3/4	148,322	3/4	137,957	3/4	127,593	3/4	117,229	3/4	106,865	3/4	96,500	3/4	86,136	3/4	75,973	3/4	65,407	
9	9	148,106	9	137,741	9	127,377	9	117,013	9	106,649	9	96,284	9	85,920	9	75,757	9	65,192	
1/4	1/4	147,890	1/4	137,525	1/4	127,161	1/4	116,797	1/4	106,433	1/4	96,068	1/4	85,704	1/4	75,541	1/4	64,976	
1/2	1/2	147,674	1/2	137,310	1/2	126,945	1/2	116,581	1/2	106,217	1/2	95,853	1/2	85,488	1/2	75,325	1/2	64,760	
3/4	3/4	147,458	3/4	137,094	3/4	126,729	3/4	116,365	3/4	106,001	3/4	95,637	3/4	85,272	3/4	75,109	3/4	64,544	
10	10	147,242	10	136,878	10	126,514	10	116,149	10	105,785	10	95,421	10	85,056	10	74,892	10	64,328	
1/4	1/4	147,026	1/4	136,662	1/4	126,298	1/4	115,933	1/4	105,569	1/4	95,205	1/4	84,840	1/4	74,676	1/4	64,112	
1/2	1/2	146,810	1/2	136,446	1/2	126,082	1/2	115,717	1/2	105,353	1/2	94,989	1/2	84,625	1/2	74,460	1/2	63,896	
3/4	3/4	146,594	3/4	136,230	3/4	125,866	3/4	115,501	3/4	105,137	3/4	94,773	3/4	84,409	3/4	74,244	3/4	63,680	
11	11	146,378	11	136,014	11	125,650	11	115,286	11	104,921	11	94,557	11	84,193	11	74,028	11	63,464	
1/4	1/4	146,162	1/4	135,798	1/4	125,434	1/4	115,070	1/4	104,705	1/4	94,341	1/4	83,971	1/4	73,812	1/4	63,248	
1/2	1/2	145,947	1/2	135,582	1/2	125,218	1/2	114,854	1/2	104,489	1/2	94,125	1/2	83,755	1/2	73,596	1/2	63,032	
3/4	3/4	145,731	3/4	135,366	3/4	125,002	3/4	114,638	3/4	104,273	3/4	93,909	3/4	83,545	3/4	73,380	3/4	62,816	

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 24'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77888

http://www.pma.com



# BARGE "IB 1322"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN VEHICLE GALLONS

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
1/4	62,600	1/4	52,236	1/4	41,872	1/4	31,514	1/4	21,180	1/4	10,816	1/4	481	1/4	0	1/4	0	1/4	0
1/2	62,385	1/2	52,020	1/2	41,656	1/2	31,299	1/2	20,964	1/2	10,600	1/2	481	1/2	0	1/2	0	1/2	0
3/4	62,169	3/4	51,804	3/4	41,440	3/4	31,084	3/4	20,748	3/4	10,385	3/4	481	3/4	0	3/4	0	3/4	0
1	61,953	1	51,588	1	41,224	1	30,869	1	20,532	1	10,169	1	481	1	0	1	0	1	0
1 1/4	61,737	1 1/4	51,372	1 1/4	41,008	1 1/4	30,654	1 1/4	20,317	1 1/4	9,953	1 1/4	204	1 1/4	1	1 1/4	1	1 1/4	1
1 1/2	61,521	1 1/2	51,157	1 1/2	40,792	1 1/2	30,439	1 1/2	20,101	1 1/2	9,737	1 1/2	139	1 1/2	1	1 1/2	1	1 1/2	1
1 3/4	61,305	1 3/4	50,941	1 3/4	40,576	1 3/4	30,224	1 3/4	19,885	1 3/4	9,521	1 3/4	74	1 3/4	1	1 3/4	1	1 3/4	1
2	61,089	2	50,725	2	40,360	2	30,010	2	19,669	2	9,305	2	74	2	1	2	1	2	1
2 1/4	60,873	2 1/4	50,509	2 1/4	40,145	2 1/4	29,795	2 1/4	19,453	2 1/4	9,089	2 1/4	74	2 1/4	1	2 1/4	1	2 1/4	1
2 1/2	60,657	2 1/2	50,293	2 1/2	39,929	2 1/2	29,580	2 1/2	19,237	2 1/2	8,873	2 1/2	74	2 1/2	1	2 1/2	1	2 1/2	1
2 3/4	60,441	2 3/4	50,077	2 3/4	39,713	2 3/4	29,365	2 3/4	19,021	2 3/4	8,657	2 3/4	74	2 3/4	1	2 3/4	1	2 3/4	1
3	60,225	3	49,861	3	39,497	3	29,150	3	18,805	3	8,441	3	74	3	1	3	1	3	1
3 1/4	60,009	3 1/4	49,645	3 1/4	39,281	3 1/4	28,935	3 1/4	18,589	3 1/4	8,225	3 1/4	74	3 1/4	1	3 1/4	1	3 1/4	1
3 1/2	59,793	3 1/2	49,429	3 1/2	39,065	3 1/2	28,720	3 1/2	18,373	3 1/2	8,009	3 1/2	74	3 1/2	1	3 1/2	1	3 1/2	1
3 3/4	59,578	3 3/4	49,213	3 3/4	38,849	3 3/4	28,505	3 3/4	18,157	3 3/4	7,794	3 3/4	74	3 3/4	1	3 3/4	1	3 3/4	1
4	59,362	4	48,997	4	38,633	4	28,290	4	17,942	4	7,578	4	74	4	1	4	1	4	1
4 1/4	59,146	4 1/4	48,781	4 1/4	38,417	4 1/4	28,075	4 1/4	17,726	4 1/4	7,362	4 1/4	74	4 1/4	1	4 1/4	1	4 1/4	1
4 1/2	58,930	4 1/2	48,565	4 1/2	38,201	4 1/2	27,860	4 1/2	17,510	4 1/2	7,146	4 1/2	74	4 1/2	1	4 1/2	1	4 1/2	1
4 3/4	58,714	4 3/4	48,350	4 3/4	37,985	4 3/4	27,645	4 3/4	17,294	4 3/4	6,930	4 3/4	74	4 3/4	1	4 3/4	1	4 3/4	1
5	58,498	5	48,134	5	37,769	5	27,430	5	17,078	5	6,714	5	74	5	1	5	1	5	1
5 1/4	58,282	5 1/4	47,918	5 1/4	37,553	5 1/4	27,215	5 1/4	16,862	5 1/4	6,498	5 1/4	74	5 1/4	1	5 1/4	1	5 1/4	1
5 1/2	58,066	5 1/2	47,702	5 1/2	37,338	5 1/2	27,000	5 1/2	16,646	5 1/2	6,282	5 1/2	74	5 1/2	1	5 1/2	1	5 1/2	1
5 3/4	57,850	5 3/4	47,486	5 3/4	37,122	5 3/4	26,785	5 3/4	16,430	5 3/4	6,066	5 3/4	74	5 3/4	1	5 3/4	1	5 3/4	1
6	57,634	6	47,270	6	36,906	6	26,570	6	16,214	6	5,850	6	74	6	1	6	1	6	1
6 1/4	57,418	6 1/4	47,054	6 1/4	36,690	6 1/4	26,355	6 1/4	15,998	6 1/4	5,634	6 1/4	74	6 1/4	1	6 1/4	1	6 1/4	1
6 1/2	57,202	6 1/2	46,838	6 1/2	36,474	6 1/2	26,140	6 1/2	15,782	6 1/2	5,419	6 1/2	74	6 1/2	1	6 1/2	1	6 1/2	1
6 3/4	56,986	6 3/4	46,622	6 3/4	36,258	6 3/4	25,925	6 3/4	15,566	6 3/4	5,203	6 3/4	74	6 3/4	1	6 3/4	1	6 3/4	1
7	56,771	7	46,406	7	36,042	7	25,711	7	15,351	7	4,987	7	74	7	1	7	1	7	1
7 1/4	56,555	7 1/4	46,190	7 1/4	35,826	7 1/4	25,496	7 1/4	15,135	7 1/4	4,771	7 1/4	74	7 1/4	1	7 1/4	1	7 1/4	1
7 1/2	56,339	7 1/2	45,974	7 1/2	35,610	7 1/2	25,281	7 1/2	14,919	7 1/2	4,555	7 1/2	74	7 1/2	1	7 1/2	1	7 1/2	1
7 3/4	56,123	7 3/4	45,758	7 3/4	35,394	7 3/4	25,066	7 3/4	14,703	7 3/4	4,339	7 3/4	74	7 3/4	1	7 3/4	1	7 3/4	1
8	55,907	8	45,543	8	35,178	8	24,850	8	14,487	8	4,123	8	74	8	1	8	1	8	1
8 1/4	55,691	8 1/4	45,327	8 1/4	34,962	8 1/4	24,634	8 1/4	14,271	8 1/4	3,907	8 1/4	74	8 1/4	1	8 1/4	1	8 1/4	1
8 1/2	55,475	8 1/2	45,111	8 1/2	34,746	8 1/2	24,419	8 1/2	14,055	8 1/2	3,691	8 1/2	74	8 1/2	1	8 1/2	1	8 1/2	1
8 3/4	55,259	8 3/4	44,895	8 3/4	34,531	8 3/4	24,203	8 3/4	13,839	8 3/4	3,475	8 3/4	74	8 3/4	1	8 3/4	1	8 3/4	1
9	55,043	9	44,679	9	34,315	9	23,987	9	13,623	9	3,260	9	74	9	1	9	1	9	1
9 1/4	54,827	9 1/4	44,463	9 1/4	34,099	9 1/4	23,771	9 1/4	13,407	9 1/4	3,044	9 1/4	74	9 1/4	1	9 1/4	1	9 1/4	1
9 1/2	54,611	9 1/2	44,247	9 1/2	33,883	9 1/2	23,555	9 1/2	13,191	9 1/2	2,828	9 1/2	74	9 1/2	1	9 1/2	1	9 1/2	1
9 3/4	54,395	9 3/4	44,031	9 3/4	33,667	9 3/4	23,339	9 3/4	12,976	9 3/4	2,612	9 3/4	74	9 3/4	1	9 3/4	1	9 3/4	1
10	54,179	10	43,815	10	33,451	10	23,123	10	12,760	10	2,397	10	74	10	1	10	1	10	1
10 1/4	53,964	10 1/4	43,599	10 1/4	33,236	10 1/4	22,908	10 1/4	12,544	10 1/4	2,182	10 1/4	74	10 1/4	1	10 1/4	1	10 1/4	1
10 1/2	53,748	10 1/2	43,383	10 1/2	33,021	10 1/2	22,692	10 1/2	12,328	10 1/2	1,967	10 1/2	74	10 1/2	1	10 1/2	1	10 1/2	1
10 3/4	53,532	10 3/4	43,167	10 3/4	32,805	10 3/4	22,476	10 3/4	12,112	10 3/4	1,752	10 3/4	74	10 3/4	1	10 3/4	1	10 3/4	1
11	53,316	11	42,951	11	32,590	11	22,260	11	11,896	11	1,546	11	74	11	1	11	1	11	1
11 1/4	53,100	11 1/4	42,736	11 1/4	32,375	11 1/4	22,044	11 1/4	11,680	11 1/4	1,339	11 1/4	74	11 1/4	1	11 1/4	1	11 1/4	1
11 1/2	52,884	11 1/2	42,520	11 1/2	32,160	11 1/2	21,828	11 1/2	11,464	11 1/2	1,132	11 1/2	74	11 1/2	1	11 1/2	1	11 1/2	1
11 3/4	52,668	11 3/4	42,304	11 3/4	31,944	11 3/4	21,612	11 3/4	11,248	11 3/4	926	11 3/4	74	11 3/4	1	11 3/4	1	11 3/4	1
12	52,452	12	42,088	12	31,729	12	21,396	12	11,032	12	778	12	74	12	1	12	1	12	1

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2020 JS  
 CALCULATED: 04/14/2020 CL  
 PRINTED: 04/15/2020 SW  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 04/2020

PRECISION MEASUREMENT  
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