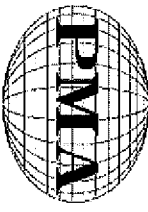


Gallop



# BARGE "IB 1303" INNAGE 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	01-1/8	- 01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

$$\begin{array}{l}
 \text{FWD. DRAFT} = 2'-00'' \\
 \text{AFT DRAFT} = \frac{4'-00''}{2'-00''} \\
 \text{DIFF.} = \text{2'-00'' (DOWN BY STERN)}
 \end{array}$$

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

LENGTH BETWEEN DRAFT MARKS: 163'-03"

August 19, 2019

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

<http://www.pmacorp.net>



# BARGE "IB 1303"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-0" 3/4"

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	230	0	11,113	0	23,043	0	34,759	0	46,540	0	58,448	0	70,356	0	82,225	0	94,138	0	106,050
1/4	305	1/4	11,361	1/4	23,291	1/4	34,999	1/4	46,788	1/4	58,696	1/4	70,604	1/4	82,473	1/4	94,386	1/4	106,298
1/2	380	1/2	11,610	1/2	23,539	1/2	35,238	1/2	47,036	1/2	58,944	1/2	70,852	1/2	82,722	1/2	94,634	1/2	106,547
3/4	454	3/4	11,859	3/4	23,787	3/4	35,478	3/4	47,284	3/4	59,192	3/4	71,100	3/4	82,970	3/4	94,882	3/4	106,795
1	529	1	12,108	1	24,035	1	35,718	1	47,532	1	59,440	1	71,348	1	83,218	1	95,130	1	107,043
1 1/4	700	1 1/4	12,356	1 1/4	24,284	1 1/4	35,957	1 1/4	47,780	1 1/4	59,688	1 1/4	71,596	1 1/4	83,466	1 1/4	95,379	1 1/4	107,291
1 1/2	870	1 1/2	12,605	1 1/2	24,532	1 1/2	36,197	1 1/2	48,029	1 1/2	59,936	1 1/2	71,844	1 1/2	83,714	1 1/2	95,627	1 1/2	107,539
1 3/4	1,041	1 3/4	12,854	1 3/4	24,780	1 3/4	36,437	1 3/4	48,277	1 3/4	60,184	1 3/4	72,091	1 3/4	83,962	1 3/4	95,875	1 3/4	107,787
2	1,211	2	13,103	2	25,028	2	36,676	2	48,525	2	60,432	2	72,339	2	84,211	2	96,123	2	108,036
1/4	1,449	1/4	13,351	1/4	25,277	1/4	36,916	1/4	48,773	1/4	60,681	1/4	72,586	1/4	84,459	1/4	96,371	1/4	108,284
1/2	1,687	1/2	13,600	1/2	25,525	1/2	37,155	1/2	49,021	1/2	60,939	1/2	72,834	1/2	84,707	1/2	96,620	1/2	108,532
3/4	1,925	3/4	13,849	3/4	25,773	3/4	37,395	3/4	49,269	3/4	61,177	3/4	73,081	3/4	84,955	3/4	96,868	3/4	108,780
3	2,163	3	14,097	3	26,021	3	37,635	3	49,517	3	61,425	3	73,328	3	85,203	3	97,116	3	109,028
1/4	2,411	1/4	14,346	1/4	26,270	1/4	37,876	1/4	49,765	1/4	61,673	1/4	73,575	1/4	85,452	1/4	97,364	1/4	109,277
1/2	2,659	1/2	14,595	1/2	26,518	1/2	38,118	1/2	50,013	1/2	61,921	1/2	73,822	1/2	85,700	1/2	97,612	1/2	109,525
3/4	2,907	3/4	14,843	3/4	26,766	3/4	38,360	3/4	50,261	3/4	62,169	3/4	74,069	3/4	85,948	3/4	97,860	3/4	109,773
4	3,154	4	15,092	4	27,014	4	38,602	4	50,509	4	62,417	4	74,316	4	86,196	4	98,109	4	110,021
1/4	3,403	1/4	15,341	1/4	27,262	1/4	38,850	1/4	50,757	1/4	62,665	1/4	74,563	1/4	86,444	1/4	98,357	1/4	110,269
1/2	3,651	1/2	15,589	1/2	27,511	1/2	39,098	1/2	51,005	1/2	62,913	1/2	74,810	1/2	86,692	1/2	98,605	1/2	110,517
3/4	3,900	3/4	15,838	3/4	27,759	3/4	39,346	3/4	51,254	3/4	63,161	3/4	75,058	3/4	86,941	3/4	98,853	3/4	110,766
5	4,148	5	16,087	5	28,007	5	39,594	5	51,502	5	63,409	5	75,305	5	87,189	5	99,101	5	111,014
1/4	4,397	1/4	16,335	1/4	28,254	1/4	39,842	1/4	51,750	1/4	63,657	1/4	75,552	1/4	87,437	1/4	99,349	1/4	111,262
1/2	4,646	1/2	16,584	1/2	28,500	1/2	40,090	1/2	51,998	1/2	63,906	1/2	75,799	1/2	87,685	1/2	99,598	1/2	111,510
3/4	4,895	3/4	16,832	3/4	28,747	3/4	40,338	3/4	52,246	3/4	64,154	3/4	76,046	3/4	87,933	3/4	99,846	3/4	111,758
6	5,143	6	17,082	6	28,994	6	40,586	6	52,494	6	64,402	6	76,293	6	88,181	6	100,094	6	112,006
1/4	5,392	1/4	17,330	1/4	29,235	1/4	40,834	1/4	52,742	1/4	64,650	1/4	76,540	1/4	88,430	1/4	100,342	1/4	112,255
1/2	5,641	1/2	17,579	1/2	29,477	1/2	41,082	1/2	52,990	1/2	64,898	1/2	76,787	1/2	88,678	1/2	100,590	1/2	112,503
3/4	5,889	3/4	17,828	3/4	29,719	3/4	41,330	3/4	53,238	3/4	65,146	3/4	77,035	3/4	88,926	3/4	100,837	3/4	112,751
7	6,138	7	18,076	7	29,961	7	41,578	7	53,486	7	65,394	7	77,282	7	89,174	7	101,087	7	112,999
1/4	6,387	1/4	18,325	1/4	30,202	1/4	41,827	1/4	53,734	1/4	65,642	1/4	77,529	1/4	89,422	1/4	101,335	1/4	113,247
1/2	6,636	1/2	18,574	1/2	30,443	1/2	42,075	1/2	53,982	1/2	65,890	1/2	77,776	1/2	89,671	1/2	101,583	1/2	113,495
3/4	6,884	3/4	18,822	3/4	30,684	3/4	42,323	3/4	54,230	3/4	66,138	3/4	78,023	3/4	89,919	3/4	101,831	3/4	113,744
8	7,133	8	19,071	8	30,925	8	42,571	8	54,479	8	66,386	8	78,270	8	90,167	8	102,079	8	113,992
1/4	7,382	1/4	19,319	1/4	31,165	1/4	42,819	1/4	54,727	1/4	66,634	1/4	78,517	1/4	90,415	1/4	102,328	1/4	114,240
1/2	7,631	1/2	19,567	1/2	31,405	1/2	43,067	1/2	54,975	1/2	66,882	1/2	78,764	1/2	90,663	1/2	102,576	1/2	114,488
3/4	7,879	3/4	19,815	3/4	31,644	3/4	43,315	3/4	55,223	3/4	67,131	3/4	79,012	3/4	90,911	3/4	102,824	3/4	114,736
9	8,128	9	20,064	9	31,884	9	43,563	9	55,471	9	67,379	9	79,259	9	91,160	9	103,072	9	114,985
1/4	8,377	1/4	20,312	1/4	32,124	1/4	43,811	1/4	55,719	1/4	67,627	1/4	79,506	1/4	91,408	1/4	103,320	1/4	115,233
1/2	8,625	1/2	20,560	1/2	32,363	1/2	44,059	1/2	55,967	1/2	67,875	1/2	79,753	1/2	91,656	1/2	103,568	1/2	115,481
3/4	8,874	3/4	20,808	3/4	32,603	3/4	44,307	3/4	56,215	3/4	68,123	3/4	80,000	3/4	91,904	3/4	103,817	3/4	115,729
10	9,123	10	21,057	10	32,842	10	44,555	10	56,463	10	68,371	10	80,247	10	92,152	10	104,065	10	115,977
1/4	9,372	1/4	21,305	1/4	33,082	1/4	44,803	1/4	56,711	1/4	68,619	1/4	80,494	1/4	92,400	1/4	104,313	1/4	116,225
1/2	9,620	1/2	21,553	1/2	33,322	1/2	45,052	1/2	56,959	1/2	68,867	1/2	80,741	1/2	92,649	1/2	104,561	1/2	116,473
3/4	9,869	3/4	21,801	3/4	33,561	3/4	45,300	3/4	57,207	3/4	69,115	3/4	80,989	3/4	92,897	3/4	104,809	3/4	116,720
11	10,118	11	22,050	11	33,801	11	45,548	11	57,456	11	69,363	11	81,236	11	93,145	11	105,058	11	116,968
1/4	10,367	1/4	22,298	1/4	34,040	1/4	45,796	1/4	57,704	1/4	69,611	1/4	81,483	1/4	93,393	1/4	105,306	1/4	117,216
1/2	10,615	1/2	22,546	1/2	34,280	1/2	46,044	1/2	57,952	1/2	69,859	1/2	81,730	1/2	93,641	1/2	105,554	1/2	117,464
3/4	10,864	3/4	22,794	3/4	34,520	3/4	46,292	3/4	58,200	3/4	70,108	3/4	81,978	3/4	93,890	3/4	105,802	3/4	117,712

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NFPA 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 INNAGE 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.pmaoerp.net



# BARGE "IB 1303"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 3/4"

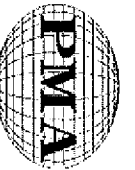
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,960	0	129,036	0	139,225	0	149,415	0	159,604	0	169,766	0		0					
1/4	118,207	1/4	129,248	1/4	139,438	1/4	149,627	1/4	159,816	1/4	169,911	1/4		1/4					
1/2	118,455	1/2	129,460	1/2	139,650	1/2	149,839	1/2	159,929	1/2	170,057	1/2		1/2					
3/4	118,703	3/4	129,673	3/4	139,862	3/4	150,052	3/4	160,241	3/4	170,202	3/4		3/4					
1	118,951	1	129,885	1	140,074	1	150,264	1	160,453	1	170,347	1		1					
1 1/4	119,199	1 1/4	130,097	1 1/4	140,287	1 1/4	150,476	1 1/4	160,665	1 1/4	170,414	1 1/4		1 1/4					
1 1/2	119,447	1 1/2	130,310	1 1/2	140,499	1 1/2	150,688	1 1/2	160,878	1 1/2	170,548	1 1/2		1 1/2					
3/4	119,694	3/4	130,522	3/4	140,711	3/4	150,901	3/4	161,090	3/4	170,548	3/4		3/4					
2	119,942	2	130,734	2	140,924	2	151,113	2	161,302	2	170,616	2		2					
1 1/4	120,190	1 1/4	130,946	1 1/4	141,136	1 1/4	151,325	1 1/4	161,515	1 1/4	170,636	1 1/4		1 1/4					
1 1/2	120,438	1 1/2	131,159	1 1/2	141,348	1 1/2	151,537	1 1/2	161,727	1 1/2				1 1/2					
3/4	120,686	3/4	131,371	3/4	141,560	3/4	151,750	3/4	161,939	3/4				3/4					
3	120,933	3	131,583	3	141,773	3	151,962	3	162,151	3				3					
1 1/4	121,181	1 1/4	131,796	1 1/4	141,985	1 1/4	152,174	1 1/4	162,364	1 1/4				1 1/4					
1 1/2	121,429	1 1/2	132,008	1 1/2	142,197	1 1/2	152,387	1 1/2	162,576	1 1/2				1 1/2					
3/4	121,677	3/4	132,220	3/4	142,409	3/4	152,599	3/4	162,788	3/4				3/4					
4	121,925	4	132,432	4	142,622	4	152,811	4	163,001	4				4					
1 1/4	122,173	1 1/4	132,645	1 1/4	142,834	1 1/4	153,023	1 1/4	163,213	1 1/4				1 1/4					
1 1/2	122,420	1 1/2	132,857	1 1/2	143,046	1 1/2	153,236	1 1/2	163,425	1 1/2				1 1/2					
3/4	122,668	3/4	133,069	3/4	143,259	3/4	153,448	3/4	163,637	3/4				3/4					
5	122,916	5	133,281	5	143,471	5	153,660	5	163,850	5				5					
1 1/4	123,164	1 1/4	133,494	1 1/4	143,683	1 1/4	153,873	1 1/4	164,062	1 1/4				1 1/4					
1 1/2	123,412	1 1/2	133,706	1 1/2	143,895	1 1/2	154,085	1 1/2	164,274	1 1/2				1 1/2					
3/4	123,660	3/4	133,918	3/4	144,108	3/4	154,297	3/4	164,486	3/4				3/4					
6	123,889	6	134,131	6	144,320	6	154,509	6	164,699	6				6					
1 1/4	124,114	1 1/4	134,343	1 1/4	144,532	1 1/4	154,722	1 1/4	164,911	1 1/4				1 1/4					
1 1/2	124,340	1 1/2	134,555	1 1/2	144,745	1 1/2	154,934	1 1/2	165,123	1 1/2				1 1/2					
3/4	124,565	3/4	134,767	3/4	144,957	3/4	155,146	3/4	165,336	3/4				3/4					
7	124,790	7	134,980	7	145,169	7	155,358	7	165,548	7				7					
1 1/4	125,003	1 1/4	135,192	1 1/4	145,381	1 1/4	155,571	1 1/4	165,760	1 1/4				1 1/4					
1 1/2	125,215	1 1/2	135,404	1 1/2	145,594	1 1/2	155,783	1 1/2	165,972	1 1/2				1 1/2					
3/4	125,427	3/4	135,617	3/4	145,806	3/4	155,995	3/4	166,185	3/4				3/4					
8	125,639	8	135,829	8	146,018	8	156,208	8	166,397	8				8					
1 1/4	125,852	1 1/4	136,041	1 1/4	146,230	1 1/4	156,420	1 1/4	166,609	1 1/4				1 1/4					
1 1/2	126,064	1 1/2	136,253	1 1/2	146,443	1 1/2	156,632	1 1/2	166,821	1 1/2				1 1/2					
3/4	126,276	3/4	136,466	3/4	146,655	3/4	156,844	3/4	167,034	3/4				3/4					
9	126,489	9	136,678	9	146,867	9	157,057	9	167,246	9				9					
1 1/4	126,701	1 1/4	136,890	1 1/4	147,080	1 1/4	157,269	1 1/4	167,458	1 1/4				1 1/4					
1 1/2	126,913	1 1/2	137,103	1 1/2	147,292	1 1/2	157,481	1 1/2	167,669	1 1/2				1 1/2					
3/4	127,125	3/4	137,315	3/4	147,504	3/4	157,694	3/4	167,881	3/4				3/4					
10	127,338	10	137,527	10	147,716	10	157,906	10	168,093	10				10					
1 1/4	127,550	1 1/4	137,739	1 1/4	147,929	1 1/4	158,118	1 1/4	168,306	1 1/4				1 1/4					
1 1/2	127,762	1 1/2	137,952	1 1/2	148,141	1 1/2	158,330	1 1/2	168,519	1 1/2				1 1/2					
3/4	127,975	3/4	138,164	3/4	148,353	3/4	158,543	3/4	168,732	3/4				3/4					
11	128,187	11	138,376	11	148,566	11	158,755	11	168,945	11				11					
1 1/4	128,399	1 1/4	138,588	1 1/4	148,778	1 1/4	158,967	1 1/4	169,150	1 1/4				1 1/4					
1 1/2	128,611	1 1/2	138,801	1 1/2	148,990	1 1/2	159,179	1 1/2	169,356	1 1/2				1 1/2					
3/4	128,824	3/4	139,013	3/4	149,202	3/4	159,392	3/4	169,561	3/4				3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/19/2019 JS  
CALCULATED: 08/19/2019 CL  
PRINTED: 08/19/2019 CL

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

CANCELLED AND SUPERCEDES  
ALL PRIOR TO 08/20/19



# BARGE "IB 1303"

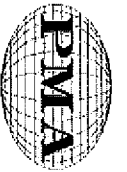
## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 16'-01 3/4"											
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	74	0	9,454	0	19,746	0	29,878	0	40,075	0	50,367	0	60,659	0	70,951	0	81,242	0	91,534				
1/4	138	1/4	9,669	1/4	19,960	1/4	30,086	1/4	40,280	1/4	50,582	1/4	60,873	1/4	71,165	1/4	81,457	1/4	91,749				
1/2	202	1/2	9,883	1/2	20,174	1/2	30,294	1/2	40,504	1/2	50,796	1/2	61,088	1/2	71,379	1/2	81,671	1/2	91,963				
3/4	267	3/4	10,098	3/4	20,389	3/4	30,502	3/4	40,719	3/4	51,016	3/4	61,302	3/4	71,594	3/4	81,886	3/4	92,177				
1	331	1	10,312	1	20,603	1	30,710	1	40,933	1	51,225	1	61,517	1	71,808	1	82,100	1	92,392				
1 1/4	478	1 1/4	10,526	1 1/4	20,818	1 1/4	30,918	1 1/4	41,147	1 1/4	51,439	1 1/4	61,731	1 1/4	72,023	1 1/4	82,314	1 1/4	92,606				
1 1/2	625	1 1/2	10,741	1 1/2	21,032	1 1/2	31,127	1 1/2	41,352	1 1/2	51,654	1 1/2	61,946	1 1/2	72,237	1 1/2	82,529	1 1/2	92,821				
1 3/4	772	1 3/4	10,955	1 3/4	21,246	1 3/4	31,335	1 3/4	41,576	1 3/4	51,868	1 3/4	62,160	1 3/4	72,452	1 3/4	82,744	1 3/4	93,035				
2	919	2	11,170	2	21,461	2	31,543	2	41,791	2	52,082	2	62,374	2	72,666	2	82,958	2	93,249				
1/4	1,125	1/4	11,384	1/4	21,675	1/4	31,751	1/4	42,005	1/4	52,297	1/4	62,589	1/4	72,880	1/4	83,172	1/4	93,464				
1/2	1,330	1/2	11,598	1/2	21,890	1/2	31,959	1/2	42,220	1/2	52,511	1/2	62,803	1/2	73,095	1/2	83,387	1/2	93,678				
3/4	1,535	3/4	11,813	3/4	22,104	3/4	32,167	3/4	42,434	3/4	52,726	3/4	63,017	3/4	73,309	3/4	83,601	3/4	93,893				
1	1,740	1	12,027	1	22,318	1	32,375	1	42,648	1	52,940	1	63,232	1	73,524	1	83,815	1	94,107				
1 1/4	1,953	1 1/4	12,242	1 1/4	22,533	1 1/4	32,585	1 1/4	42,863	1 1/4	53,155	1 1/4	63,446	1 1/4	73,738	1 1/4	84,030	1 1/4	94,321				
1 1/2	2,167	1 1/2	12,456	1 1/2	22,747	1 1/2	32,795	1 1/2	43,077	1 1/2	53,369	1 1/2	63,661	1 1/2	73,952	1 1/2	84,244	1 1/2	94,536				
1 3/4	2,381	1 3/4	12,670	1 3/4	22,962	1 3/4	33,005	1 3/4	43,292	1 3/4	53,583	1 3/4	63,875	1 3/4	74,167	1 3/4	84,459	1 3/4	94,750				
4	2,594	4	12,885	4	23,176	4	33,214	4	43,506	4	53,798	4	64,090	4	74,381	4	84,673	4	94,965				
1/4	2,808	1/4	13,099	1/4	23,390	1/4	33,429	1/4	43,720	1/4	54,012	1/4	64,304	1/4	74,596	1/4	84,887	1/4	95,179				
1/2	3,023	1/2	13,314	1/2	23,605	1/2	33,643	1/2	43,935	1/2	54,227	1/2	64,518	1/2	74,810	1/2	85,102	1/2	95,394				
3/4	3,237	3/4	13,528	3/4	23,819	3/4	33,858	3/4	44,149	3/4	54,441	3/4	64,733	3/4	75,024	3/4	85,316	3/4	95,608				
1	3,451	1	13,742	1	24,034	1	34,072	1	44,374	1	54,655	1	64,947	1	75,239	1	85,531	1	95,822				
1 1/4	3,665	1 1/4	13,957	1 1/4	24,246	1 1/4	34,286	1 1/4	44,578	1 1/4	54,870	1 1/4	65,162	1 1/4	75,453	1 1/4	85,745	1 1/4	96,037				
1 1/2	3,880	1 1/2	14,171	1 1/2	24,459	1 1/2	34,497	1 1/2	44,792	1 1/2	55,084	1 1/2	65,376	1 1/2	75,668	1 1/2	85,959	1 1/2	96,251				
1 3/4	4,094	1 3/4	14,386	1 3/4	24,672	1 3/4	34,715	1 3/4	45,007	1 3/4	55,299	1 3/4	65,590	1 3/4	75,882	1 3/4	86,174	1 3/4	96,466				
6	4,309	6	14,600	6	24,885	6	34,930	6	45,221	6	55,513	6	65,805	6	76,097	6	86,388	6	96,680				
1/4	4,523	1/4	14,814	1/4	25,093	1/4	35,144	1/4	45,436	1/4	55,727	1/4	66,019	1/4	76,311	1/4	86,603	1/4	96,894				
1/2	4,737	1/2	15,029	1/2	25,300	1/2	35,358	1/2	45,650	1/2	55,942	1/2	66,234	1/2	76,525	1/2	86,817	1/2	97,109				
3/4	4,952	3/4	15,243	3/4	25,508	3/4	35,573	3/4	45,865	3/4	56,156	3/4	66,448	3/4	76,740	3/4	87,032	3/4	97,323				
7	5,166	7	15,458	7	25,716	7	35,787	7	46,079	7	56,371	7	66,662	7	76,954	7	87,246	7	97,538				
1/4	5,381	1/4	15,672	1/4	25,924	1/4	36,002	1/4	46,293	1/4	56,585	1/4	66,877	1/4	77,169	1/4	87,460	1/4	97,752				
1/2	5,595	1/2	15,886	1/2	26,132	1/2	36,216	1/2	46,508	1/2	56,800	1/2	67,091	1/2	77,383	1/2	87,675	1/2	97,966				
3/4	5,809	3/4	16,101	3/4	26,340	3/4	36,430	3/4	46,722	3/4	57,014	3/4	67,306	3/4	77,597	3/4	87,889	3/4	98,181				
8	6,024	8	16,315	8	26,548	8	36,645	8	46,937	8	57,228	8	67,520	8	77,812	8	88,104	8	98,395				
1/4	6,238	1/4	16,530	1/4	26,756	1/4	36,859	1/4	47,151	1/4	57,443	1/4	67,734	1/4	78,026	1/4	88,318	1/4	98,610				
1/2	6,453	1/2	16,744	1/2	26,964	1/2	37,074	1/2	47,365	1/2	57,657	1/2	67,949	1/2	78,241	1/2	88,532	1/2	98,824				
3/4	6,667	3/4	16,958	3/4	27,172	3/4	37,288	3/4	47,580	3/4	57,872	3/4	68,163	3/4	78,455	3/4	88,747	3/4	99,039				
9	6,881	9	17,173	9	27,380	9	37,502	9	47,794	9	58,086	9	68,378	9	78,669	9	88,961	9	99,253				
1/4	7,095	1/4	17,387	1/4	27,589	1/4	37,717	1/4	48,009	1/4	58,300	1/4	68,592	1/4	78,884	1/4	89,176	1/4	99,467				
1/2	7,310	1/2	17,602	1/2	27,797	1/2	37,931	1/2	48,223	1/2	58,515	1/2	68,807	1/2	79,098	1/2	89,390	1/2	99,681				
3/4	7,525	3/4	17,816	3/4	28,005	3/4	38,146	3/4	48,437	3/4	58,729	3/4	69,021	3/4	79,313	3/4	89,604	3/4	99,896				
10	7,739	10	18,030	10	28,213	10	38,360	10	48,652	10	58,944	10	69,235	10	79,527	10	89,819	10	100,111				
1/4	7,953	1/4	18,245	1/4	28,421	1/4	38,575	1/4	48,866	1/4	59,158	1/4	69,450	1/4	79,742	1/4	90,033	1/4	100,325				
1/2	8,168	1/2	18,459	1/2	28,629	1/2	38,789	1/2	49,081	1/2	59,372	1/2	69,664	1/2	79,956	1/2	90,248	1/2	100,539				
3/4	8,382	3/4	18,674	3/4	28,837	3/4	39,003	3/4	49,295	3/4	59,587	3/4	69,879	3/4	80,170	3/4	90,462	3/4	100,754				
11	8,597	11	18,888	11	29,045	11	39,218	11	49,510	11	59,801	11	70,093	11	80,385	11	90,677	11	100,968				
1/4	8,811	1/4	19,102	1/4	29,253	1/4	39,432	1/4	49,724	1/4	60,016	1/4	70,307	1/4	80,599	1/4	90,891	1/4	101,183				
1/2	9,026	1/2	19,317	1/2	29,462	1/2	39,647	1/2	49,938	1/2	60,230	1/2	70,522	1/2	80,814	1/2	91,105	1/2	101,397				
3/4	9,240	3/4	19,531	3/4	29,670	3/4	39,861	3/4	50,153	3/4	60,445	3/4	70,736	3/4	81,028	3/4	91,320	3/4	101,611				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
CAPACITY TABLE ONLY APPLIES WHEN BARGELS ON EVEN KEEL  
CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD

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



# BARGE "IB 1303"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 3/4"

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	101,826	0	112,118	0	122,409	0	132,701	0	142,993	0	153,167	0	163,341	0	173,515	0	183,689	0	193,863
1/4	102,040	1/4	112,532	1/4	122,824	1/4	133,116	1/4	143,408	1/4	153,700	1/4	163,992	1/4	174,284	1/4	184,576	1/4	194,868
1/2	102,255	1/2	112,646	1/2	122,938	1/2	133,230	1/2	143,522	1/2	153,814	1/2	164,106	1/2	174,398	1/2	184,690	1/2	194,982
3/4	102,469	3/4	112,761	3/4	123,053	3/4	133,344	3/4	143,636	3/4	153,928	3/4	164,220	3/4	174,512	3/4	184,804	3/4	195,096
1	102,684	1	112,975	1	123,267	1	133,559	1	143,851	1	154,143	1	164,435	1	174,727	1	185,019	1	195,311
1/4	102,898	1/4	113,190	1/4	123,481	1/4	133,773	1/4	144,065	1/4	154,357	1/4	164,649	1/4	174,941	1/4	185,233	1/4	195,525
1/2	103,112	1/2	113,404	1/2	123,696	1/2	133,988	1/2	144,279	1/2	154,571	1/2	164,863	1/2	175,155	1/2	185,447	1/2	195,739
3/4	103,327	3/4	113,619	3/4	123,910	3/4	134,202	3/4	144,494	3/4	154,786	3/4	165,078	3/4	175,370	3/4	185,662	3/4	195,954
2	103,541	2	113,833	2	124,125	2	134,416	2	144,708	2	155,000	2	165,292	2	175,584	2	185,876	2	196,168
1/4	103,756	1/4	114,047	1/4	124,339	1/4	134,631	1/4	144,923	1/4	155,215	1/4	165,507	1/4	175,799	1/4	186,091	1/4	196,383
1/2	103,970	1/2	114,262	1/2	124,553	1/2	134,845	1/2	145,137	1/2	155,429	1/2	165,721	1/2	176,013	1/2	186,305	1/2	196,597
3/4	104,184	3/4	114,476	3/4	124,768	3/4	135,060	3/4	145,352	3/4	155,644	3/4	165,936	3/4	176,228	3/4	186,520	3/4	196,812
3	104,399	3	114,691	3	124,982	3	135,274	3	145,566	3	155,858	3	166,150	3	176,442	3	186,734	3	197,026
1/4	104,613	1/4	114,905	1/4	125,197	1/4	135,488	1/4	145,780	1/4	156,072	1/4	166,364	1/4	176,656	1/4	186,948	1/4	197,239
1/2	104,828	1/2	115,119	1/2	125,411	1/2	135,703	1/2	146,005	1/2	156,297	1/2	166,589	1/2	176,881	1/2	187,173	1/2	197,465
3/4	105,042	3/4	115,334	3/4	125,626	3/4	135,917	3/4	146,209	3/4	156,501	3/4	166,793	3/4	177,085	3/4	187,377	3/4	197,669
4	105,256	4	115,548	4	125,840	4	136,132	4	146,424	4	156,716	4	167,008	4	177,300	4	187,592	4	197,884
1/4	105,471	1/4	115,763	1/4	126,054	1/4	136,346	1/4	146,638	1/4	156,930	1/4	167,222	1/4	177,514	1/4	187,806	1/4	198,098
1/2	105,685	1/2	115,977	1/2	126,269	1/2	136,561	1/2	146,853	1/2	157,145	1/2	167,437	1/2	177,729	1/2	188,021	1/2	198,313
3/4	105,900	3/4	116,191	3/4	126,483	3/4	136,775	3/4	147,067	3/4	157,359	3/4	167,651	3/4	177,943	3/4	188,235	3/4	198,527
5	106,114	5	116,406	5	126,698	5	136,989	5	147,281	5	157,573	5	167,865	5	178,157	5	188,449	5	198,741
1/4	106,329	1/4	116,620	1/4	126,912	1/4	137,204	1/4	147,495	1/4	157,787	1/4	168,079	1/4	178,371	1/4	188,663	1/4	198,955
1/2	106,543	1/2	116,835	1/2	127,126	1/2	137,418	1/2	147,710	1/2	158,002	1/2	168,294	1/2	178,586	1/2	188,878	1/2	199,170
3/4	106,757	3/4	117,049	3/4	127,341	3/4	137,633	3/4	147,924	3/4	158,215	3/4	168,507	3/4	178,799	3/4	189,091	3/4	199,383
6	106,972	6	117,264	6	127,555	6	137,847	6	148,139	6	158,431	6	168,723	6	179,015	6	189,307	6	199,599
1/4	107,186	1/4	117,478	1/4	127,770	1/4	138,061	1/4	148,353	1/4	158,645	1/4	168,937	1/4	179,229	1/4	189,521	1/4	199,813
1/2	107,401	1/2	117,692	1/2	127,984	1/2	138,276	1/2	148,568	1/2	158,860	1/2	169,152	1/2	179,444	1/2	189,736	1/2	199,925
3/4	107,615	3/4	117,907	3/4	128,198	3/4	138,490	3/4	148,782	3/4	159,074	3/4	169,366	3/4	179,658	3/4	189,950	3/4	200,115
7	107,829	7	118,121	7	128,413	7	138,705	7	148,997	7	159,289	7	169,581	7	179,873	7	190,165	7	200,405
1/4	108,044	1/4	118,336	1/4	128,627	1/4	138,919	1/4	149,211	1/4	159,503	1/4	169,795	1/4	180,087	1/4	190,379	1/4	200,619
1/2	108,258	1/2	118,550	1/2	128,842	1/2	139,133	1/2	149,425	1/2	159,717	1/2	170,009	1/2	180,301	1/2	190,593	1/2	200,833
3/4	108,473	3/4	118,764	3/4	129,056	3/4	139,348	3/4	149,640	3/4	159,932	3/4	170,224	3/4	180,516	3/4	190,808	3/4	201,048
8	108,687	8	118,979	8	129,271	8	139,562	8	149,854	8	160,146	8	170,438	8	180,730	8	191,022	8	201,285
1/4	108,901	1/4	119,193	1/4	129,485	1/4	139,777	1/4	150,068	1/4	160,360	1/4	170,652	1/4	180,944	1/4	191,236	1/4	201,527
1/2	109,116	1/2	119,408	1/2	129,699	1/2	139,991	1/2	150,283	1/2	160,575	1/2	170,867	1/2	181,159	1/2	191,451	1/2	201,715
3/4	109,330	3/4	119,622	3/4	129,914	3/4	140,206	3/4	150,497	3/4	160,789	3/4	171,081	3/4	181,373	3/4	191,665	3/4	201,905
9	109,545	9	119,836	9	130,128	9	140,420	9	150,711	9	161,003	9	171,295	9	181,587	9	191,879	9	202,121
1/4	109,759	1/4	120,051	1/4	130,343	1/4	140,634	1/4	150,925	1/4	161,217	1/4	171,509	1/4	181,801	1/4	192,093	1/4	202,335
1/2	109,974	1/2	120,265	1/2	130,557	1/2	140,849	1/2	151,139	1/2	161,431	1/2	171,723	1/2	182,015	1/2	192,307	1/2	202,549
3/4	110,188	3/4	120,480	3/4	130,771	3/4	141,063	3/4	151,353	3/4	161,645	3/4	171,937	3/4	182,229	3/4	192,521	3/4	202,763
10	110,402	10	120,694	10	130,986	10	141,278	10	151,567	10	161,859	10	172,151	10	182,443	10	192,735	10	203,005
1/4	110,617	1/4	120,908	1/4	131,200	1/4	141,492	1/4	151,778	1/4	162,070	1/4	172,362	1/4	182,654	1/4	192,946	1/4	203,237
1/2	110,831	1/2	121,123	1/2	131,415	1/2	141,706	1/2	151,990	1/2	162,282	1/2	172,574	1/2	182,866	1/2	193,158	1/2	203,449
3/4	111,046	3/4	121,337	3/4	131,629	3/4	141,921	3/4	152,201	3/4	162,493	3/4	172,785	3/4	183,077	3/4	193,369	3/4	203,631
11	111,260	11	121,552	11	131,843	11	142,135	11	152,412	11	162,694	11	172,976	11	183,258	11	193,540	11	203,823
1/4	111,474	1/4	121,766	1/4	132,058	1/4	142,350	1/4	152,601	1/4	162,883	1/4	173,165	1/4	183,447	1/4	193,729	1/4	204,005
1/2	111,689	1/2	121,981	1/2	132,272	1/2	142,564	1/2	152,789	1/2	163,071	1/2	173,353	1/2	183,635	1/2	193,917	1/2	204,191
3/4	111,903	3/4	122,195	3/4	132,487	3/4	142,778	3/4	153,070	3/4	163,362	3/4	173,644	3/4	183,926	3/4	194,208	3/4	204,477

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/19/2019 JS  
 CALCULATED: 08/19/2019 CL  
 PRINTED: 08/19/2019 CL  
 CANCEL AND SUPERCEDES  
 ALL PRIOR TO 08/2019

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



# BARGE "IB 1303"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 3/4"

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	74	0	9,521	0	19,885	0	30,225	0	40,577	0	50,941	0	61,305	0	71,670	0	82,034	0	92,399
1/4	139	1/4	9,737	1/4	20,101	1/4	30,440	1/4	40,793	1/4	51,157	1/4	61,521	1/4	71,886	1/4	82,250	1/4	92,614
1/2	204	1/2	9,953	1/2	20,317	1/2	30,655	1/2	41,008	1/2	51,373	1/2	61,737	1/2	72,102	1/2	82,466	1/2	92,830
3/4	268	3/4	10,169	3/4	20,532	3/4	30,869	3/4	41,224	3/4	51,589	3/4	61,953	3/4	72,318	3/4	82,682	3/4	93,046
1	333	1	10,384	1	20,748	1	31,084	1	41,440	1	51,805	1	62,169	1	72,533	1	82,898	1	93,262
1 1/4	481	1 1/4	10,600	1 1/4	20,964	1 1/4	31,299	1 1/4	41,656	1 1/4	52,021	1 1/4	62,385	1 1/4	72,749	1 1/4	83,114	1 1/4	93,478
1 1/2	629	1 1/2	10,816	1 1/2	21,180	1 1/2	31,514	1 1/2	41,872	1 1/2	52,237	1 1/2	62,601	1 1/2	72,965	1 1/2	83,330	1 1/2	93,694
1 3/4	777	1 3/4	11,032	1 3/4	21,396	1 3/4	31,729	1 3/4	42,088	1 3/4	52,452	1 3/4	62,817	1 3/4	73,181	1 3/4	83,546	1 3/4	93,910
2	926	2	11,248	2	21,612	2	31,944	2	42,304	2	52,668	2	63,033	2	73,397	2	83,762	2	94,126
1/4	1,132	1/4	11,464	1/4	21,828	1/4	32,160	1/4	42,520	1/4	52,884	1/4	63,249	1/4	73,613	1/4	83,978	1/4	94,342
1/2	1,339	1/2	11,680	1/2	22,044	1/2	32,375	1/2	42,736	1/2	53,100	1/2	63,465	1/2	73,829	1/2	84,193	1/2	94,558
3/4	1,545	3/4	11,896	3/4	22,260	3/4	32,590	3/4	42,952	3/4	53,316	3/4	63,681	3/4	74,045	3/4	84,409	3/4	94,774
1	1,752	1	12,112	1	22,476	1	32,805	1	43,168	1	53,532	1	63,896	1	74,261	1	84,625	1	94,990
1 1/4	1,967	1 1/4	12,328	1 1/4	22,692	1 1/4	33,021	1 1/4	43,384	1 1/4	53,748	1 1/4	64,112	1 1/4	74,477	1 1/4	84,841	1 1/4	95,206
1 1/2	2,182	1 1/2	12,544	1 1/2	22,908	1 1/2	33,236	1 1/2	43,640	1 1/2	53,964	1 1/2	64,328	1 1/2	74,693	1 1/2	85,057	1 1/2	95,422
1 3/4	2,397	1 3/4	12,760	1 3/4	23,123	1 3/4	33,452	1 3/4	43,895	1 3/4	54,180	1 3/4	64,544	1 3/4	74,909	1 3/4	85,273	1 3/4	95,637
2	2,612	2	12,975	2	23,339	2	33,667	2	44,031	2	54,396	2	64,760	2	75,125	2	85,489	2	95,853
1/4	2,828	1/4	13,191	1/4	23,555	1/4	33,883	1/4	44,247	1/4	54,612	1/4	64,976	1/4	75,341	1/4	85,705	1/4	96,069
1/2	3,044	1/2	13,407	1/2	23,771	1/2	34,099	1/2	44,463	1/2	54,828	1/2	65,192	1/2	75,556	1/2	85,921	1/2	96,285
3/4	3,259	3/4	13,623	3/4	23,987	3/4	34,315	3/4	44,679	3/4	55,044	3/4	65,408	3/4	75,772	3/4	86,137	3/4	96,501
1	3,475	1	13,839	1	24,203	1	34,531	1	44,895	1	55,259	1	65,624	1	75,988	1	86,353	1	96,717
1 1/4	3,691	1 1/4	14,055	1 1/4	24,419	1 1/4	34,747	1 1/4	45,111	1 1/4	55,475	1 1/4	65,840	1 1/4	76,204	1 1/4	86,569	1 1/4	96,933
1 1/2	3,907	1 1/2	14,271	1 1/2	24,634	1 1/2	34,963	1 1/2	45,327	1 1/2	55,691	1 1/2	66,056	1 1/2	76,420	1 1/2	86,785	1 1/2	97,149
1 3/4	4,123	1 3/4	14,487	1 3/4	24,850	1 3/4	35,178	1 3/4	45,543	1 3/4	55,907	1 3/4	66,272	1 3/4	76,636	1 3/4	87,000	1 3/4	97,365
2	4,339	2	14,703	2	25,066	2	35,394	2	45,759	2	56,123	2	66,488	2	76,852	2	87,216	2	97,581
1/4	4,555	1/4	14,919	1/4	25,281	1/4	35,610	1/4	45,975	1/4	56,339	1/4	66,704	1/4	77,068	1/4	87,432	1/4	97,797
1/2	4,771	1/2	15,135	1/2	25,496	1/2	35,826	1/2	46,191	1/2	56,555	1/2	66,919	1/2	77,284	1/2	87,648	1/2	98,013
3/4	4,987	3/4	15,351	3/4	25,711	3/4	36,042	3/4	46,407	3/4	56,771	3/4	67,135	3/4	77,500	3/4	87,864	3/4	98,229
1	5,202	1	15,566	1	25,926	1	36,258	1	46,622	1	56,987	1	67,351	1	77,716	1	88,080	1	98,444
1 1/4	5,418	1 1/4	15,782	1 1/4	26,141	1 1/4	36,474	1 1/4	46,838	1 1/4	57,203	1 1/4	67,567	1 1/4	77,932	1 1/4	88,296	1 1/4	98,660
1 1/2	5,634	1 1/2	15,998	1 1/2	26,355	1 1/2	36,690	1 1/2	47,054	1 1/2	57,419	1 1/2	67,783	1 1/2	78,148	1 1/2	88,528	1 1/2	98,876
1 3/4	5,850	1 3/4	16,214	1 3/4	26,570	1 3/4	36,906	1 3/4	47,270	1 3/4	57,635	1 3/4	67,999	1 3/4	78,363	1 3/4	88,748	1 3/4	99,092
2	6,066	2	16,430	2	26,785	2	37,122	2	47,486	2	57,851	2	68,215	2	78,579	2	88,944	2	99,308
1/4	6,282	1/4	16,646	1/4	27,000	1/4	37,338	1/4	47,702	1/4	58,067	1/4	68,431	1/4	78,795	1/4	89,160	1/4	99,524
1/2	6,498	1/2	16,862	1/2	27,215	1/2	37,554	1/2	47,918	1/2	58,282	1/2	68,647	1/2	79,011	1/2	89,376	1/2	99,740
3/4	6,714	3/4	17,078	3/4	27,430	3/4	37,770	3/4	48,134	3/4	58,498	3/4	68,863	3/4	79,227	3/4	89,592	3/4	99,956
1	6,930	1	17,294	1	27,645	1	37,985	1	48,350	1	58,714	1	69,079	1	79,443	1	89,807	1	100,172
1 1/4	7,146	1 1/4	17,510	1 1/4	27,860	1 1/4	38,201	1 1/4	48,566	1 1/4	58,930	1 1/4	69,295	1 1/4	79,659	1 1/4	90,023	1 1/4	100,388
1 1/2	7,362	1 1/2	17,726	1 1/2	28,075	1 1/2	38,417	1 1/2	48,821	1 1/2	59,146	1 1/2	69,511	1 1/2	79,875	1 1/2	90,239	1 1/2	100,604
1 3/4	7,578	1 3/4	17,942	1 3/4	28,290	1 3/4	38,633	1 3/4	49,098	1 3/4	59,362	1 3/4	69,726	1 3/4	80,091	1 3/4	90,455	1 3/4	100,820
2	7,793	2	18,157	2	28,505	2	38,849	2	49,214	2	59,578	2	69,942	2	80,307	2	90,671	2	101,036
1/4	8,009	1/4	18,373	1/4	28,720	1/4	39,065	1/4	49,430	1/4	59,794	1/4	70,158	1/4	80,523	1/4	90,887	1/4	101,251
1/2	8,225	1/2	18,589	1/2	28,935	1/2	39,281	1/2	49,645	1/2	60,010	1/2	70,374	1/2	80,739	1/2	91,103	1/2	101,467
3/4	8,441	3/4	18,805	3/4	29,150	3/4	39,497	3/4	49,861	3/4	60,226	3/4	70,590	3/4	80,955	3/4	91,319	3/4	101,683
1	8,657	1	19,021	1	29,365	1	39,713	1	50,077	1	60,442	1	70,806	1	81,170	1	91,535	1	101,899
1 1/4	8,873	1 1/4	19,237	1 1/4	29,580	1 1/4	39,929	1 1/4	50,293	1 1/4	60,668	1 1/4	71,022	1 1/4	81,386	1 1/4	91,751	1 1/4	102,115
1 1/2	9,089	1 1/2	19,453	1 1/2	29,795	1 1/2	40,145	1 1/2	50,509	1 1/2	60,874	1 1/2	71,238	1 1/2	81,602	1 1/2	91,967	1 1/2	102,331
1 3/4	9,305	1 3/4	19,669	1 3/4	30,010	1 3/4	40,361	1 3/4	50,725	1 3/4	61,089	1 3/4	71,454	1 3/4	81,818	1 3/4	92,183	1 3/4	102,547

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 EXTENDS TO EXTREME HEIGHT OF TANK  
CAPACITY TABLE ONLY APPLIES TO INNAGE 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.  
Pearland, Texas 77588  
http://www.pmatc.com

*[Signature]*  
SHEET NO. 5 OF 6



# BARGE "IB 1303"

3 CENTER  
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 3/4"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	102,763	113,127	123,492	133,856	144,221	154,587	0	0	0	0
1/4	102,975	113,343	123,708	134,072	144,436	154,800	1/4	1/4	1/4	1/4
1/2	103,195	113,559	123,924	134,288	144,652	154,979	1/2	1/2	1/2	1/2
3/4	103,411	113,775	124,140	134,504	144,868	154,845	3/4	3/4	3/4	3/4
1	103,627	113,991	124,355	134,720	145,084	154,971	1	1	1	1
1/4	103,843	114,207	124,571	134,936	145,300	155,029	1/4	1/4	1/4	1/4
1/2	104,059	114,423	124,787	135,152	145,516	155,088	1/2	1/2	1/2	1/2
3/4	104,274	114,639	125,003	135,368	145,732	155,146	3/4	3/4	3/4	3/4
2	104,490	114,855	125,219	135,584	145,948	155,205	2	2	2	2
1/4	104,706	115,071	125,435	135,799	146,164	155,223	1/4	1/4	1/4	1/4
1/2	104,922	115,287	125,651	136,015	146,380	155,223	1/2	1/2	1/2	1/2
3/4	105,138	115,503	125,867	136,231	146,596	155,223	3/4	3/4	3/4	3/4
3	105,354	115,718	126,083	136,447	146,812	155,223	3	3	3	3
1/4	105,570	115,934	126,299	136,663	147,028	155,223	1/4	1/4	1/4	1/4
1/2	105,786	116,150	126,515	136,879	147,243	155,223	1/2	1/2	1/2	1/2
3/4	106,002	116,366	126,731	137,095	147,459	155,223	3/4	3/4	3/4	3/4
4	106,218	116,582	126,947	137,311	147,675	155,223	4	4	4	4
1/4	106,434	116,798	127,162	137,527	147,891	155,223	1/4	1/4	1/4	1/4
1/2	106,650	117,014	127,378	137,743	148,107	155,223	1/2	1/2	1/2	1/2
3/4	106,866	117,230	127,594	137,959	148,323	155,223	3/4	3/4	3/4	3/4
5	107,081	117,446	127,810	138,175	148,539	155,223	5	5	5	5
1/4	107,297	117,662	128,026	138,391	148,755	155,223	1/4	1/4	1/4	1/4
1/2	107,513	117,878	128,242	138,607	148,971	155,223	1/2	1/2	1/2	1/2
3/4	107,729	118,094	128,458	138,822	149,187	155,223	3/4	3/4	3/4	3/4
6	107,945	118,310	128,674	139,038	149,403	155,223	6	6	6	6
1/4	108,161	118,525	128,890	139,254	149,619	155,223	1/4	1/4	1/4	1/4
1/2	108,377	118,741	129,106	139,470	149,835	155,223	1/2	1/2	1/2	1/2
3/4	108,593	118,957	129,322	139,686	150,051	155,223	3/4	3/4	3/4	3/4
7	108,809	119,173	129,538	139,902	150,266	155,223	7	7	7	7
1/4	109,025	119,389	129,754	140,118	150,482	155,223	1/4	1/4	1/4	1/4
1/2	109,241	119,605	129,970	140,334	150,698	155,223	1/2	1/2	1/2	1/2
3/4	109,457	119,821	130,185	140,550	150,914	155,223	3/4	3/4	3/4	3/4
8	109,673	120,037	130,401	140,766	151,130	155,223	8	8	8	8
1/4	109,888	120,253	130,617	140,982	151,346	155,223	1/4	1/4	1/4	1/4
1/2	110,104	120,469	130,833	141,198	151,562	155,223	1/2	1/2	1/2	1/2
3/4	110,320	120,685	131,049	141,414	151,778	155,223	3/4	3/4	3/4	3/4
9	110,536	120,901	131,265	141,629	151,994	155,223	9	9	9	9
1/4	110,752	121,117	131,481	141,845	152,209	155,223	1/4	1/4	1/4	1/4
1/2	110,968	121,333	131,697	142,061	152,425	155,223	1/2	1/2	1/2	1/2
3/4	111,184	121,548	131,913	142,277	152,640	155,223	3/4	3/4	3/4	3/4
10	111,400	121,764	132,129	142,493	152,856	155,223	10	10	10	10
1/4	111,616	121,980	132,345	142,709	153,068	155,223	1/4	1/4	1/4	1/4
1/2	111,832	122,196	132,561	142,925	153,281	155,223	1/2	1/2	1/2	1/2
3/4	112,048	122,412	132,777	143,141	153,493	155,223	3/4	3/4	3/4	3/4
11	112,264	122,628	132,992	143,357	153,706	155,223	11	11	11	11
1/4	112,480	122,844	133,208	143,573	153,918	155,223	1/4	1/4	1/4	1/4
1/2	112,696	123,060	133,424	143,789	154,086	155,223	1/2	1/2	1/2	1/2
3/4	112,911	123,275	133,640	144,005	154,277	155,223	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STAMPED: 08/19/2019 JS  
CALCULATED: 08/19/2019 CL  
PRINTED: 08/19/2019 CL  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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