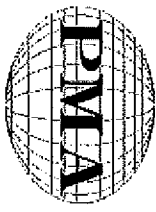


*G. Wilson*



# BARGE "IB 1910" 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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT	=	2'-00"
AFT DRAFT	=	<u>4'-00"</u>
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 INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 176'-09"

May 30, 2019

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

<http://www.pmacorp.net>



# BARGE "IB 1910"

## 1 CENTER INNAGE 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	26	0	11,296	0	24,214	0	36,987	0	49,767	0	62,676	0	75,566	0	88,481	0	101,393	0	114,304				
1/4	71	1/4	11,565	1/4	24,483	1/4	37,219	1/4	50,036	1/4	62,944	1/4	75,835	1/4	88,750	1/4	101,662	1/4	114,574				
1/2	116	1/2	11,834	1/2	24,752	1/2	37,481	1/2	50,305	1/2	63,213	1/2	76,104	1/2	89,019	1/2	101,931	1/2	114,842				
3/4	161	3/4	12,103	3/4	25,021	3/4	37,743	3/4	50,574	3/4	63,481	3/4	76,374	3/4	89,288	3/4	102,200	3/4	115,111				
1	206	1	12,372	1	25,290	1	38,005	1	50,843	1	63,750	1	76,643	1	89,557	1	102,469	1	115,380				
1 1/4	341	1 1/4	12,642	1 1/4	25,559	1 1/4	38,266	1 1/4	51,112	1 1/4	64,018	1 1/4	76,912	1 1/4	89,826	1 1/4	102,738	1 1/4	115,649				
1 1/2	476	1 1/2	12,911	1 1/2	25,828	1 1/2	38,528	1 1/2	51,381	1 1/2	64,287	1 1/2	77,181	1 1/2	90,095	1 1/2	103,006	1 1/2	115,918				
1 3/4	611	1 3/4	13,180	1 3/4	26,097	1 3/4	38,790	1 3/4	51,650	1 3/4	64,555	1 3/4	77,450	1 3/4	90,364	1 3/4	103,275	1 3/4	116,187				
2	745	2	13,449	2	26,367	2	39,052	2	51,919	2	64,823	2	77,719	2	90,633	2	103,544	2	116,456				
2 1/4	970	2 1/4	13,718	2 1/4	26,636	2 1/4	39,316	2 1/4	52,188	2 1/4	65,092	2 1/4	77,988	2 1/4	90,902	2 1/4	103,813	2 1/4	116,726				
2 1/2	1,194	2 1/2	13,987	2 1/2	26,905	2 1/2	39,579	2 1/2	52,457	2 1/2	65,360	2 1/2	78,257	2 1/2	91,171	2 1/2	104,082	2 1/2	116,995				
2 3/4	1,418	2 3/4	14,256	2 3/4	27,174	2 3/4	39,843	2 3/4	52,726	2 3/4	65,629	2 3/4	78,526	2 3/4	91,441	2 3/4	104,351	2 3/4	117,264				
3	1,643	3	14,525	3	27,443	3	40,107	3	52,994	3	65,897	3	78,795	3	91,710	3	104,620	3	117,533				
3 1/4	1,907	3 1/4	14,795	3 1/4	27,712	3 1/4	40,371	3 1/4	53,263	3 1/4	66,166	3 1/4	79,064	3 1/4	91,979	3 1/4	104,889	3 1/4	117,802				
3 1/2	2,171	3 1/2	15,064	3 1/2	27,981	3 1/2	40,634	3 1/2	53,532	3 1/2	66,434	3 1/2	79,333	3 1/2	92,248	3 1/2	105,157	3 1/2	118,071				
3 3/4	2,435	3 3/4	15,333	3 3/4	28,250	3 3/4	40,898	3 3/4	53,801	3 3/4	66,703	3 3/4	79,602	3 3/4	92,517	3 3/4	105,426	3 3/4	118,340				
4	2,699	4	15,602	4	28,520	4	41,162	4	54,070	4	66,971	4	79,871	4	92,786	4	105,695	4	118,609				
4 1/4	2,965	4 1/4	15,871	4 1/4	28,789	4 1/4	41,431	4 1/4	54,339	4 1/4	67,240	4 1/4	80,140	4 1/4	93,055	4 1/4	105,964	4 1/4	118,878				
4 1/2	3,232	4 1/2	16,140	4 1/2	29,058	4 1/2	41,700	4 1/2	54,608	4 1/2	67,508	4 1/2	80,409	4 1/2	93,324	4 1/2	106,233	4 1/2	119,147				
4 3/4	3,498	4 3/4	16,409	4 3/4	29,327	4 3/4	41,969	4 3/4	54,877	4 3/4	67,776	4 3/4	80,678	4 3/4	93,593	4 3/4	106,502	4 3/4	119,416				
5	3,765	5	16,678	5	29,596	5	42,237	5	55,146	5	68,045	5	80,947	5	93,862	5	106,771	5	119,685				
5 1/4	4,032	5 1/4	16,948	5 1/4	29,865	5 1/4	42,506	5 1/4	55,415	5 1/4	68,313	5 1/4	81,216	5 1/4	94,131	5 1/4	107,040	5 1/4	119,954				
5 1/2	4,300	5 1/2	17,217	5 1/2	30,134	5 1/2	42,775	5 1/2	55,684	5 1/2	68,582	5 1/2	81,486	5 1/2	94,400	5 1/2	107,309	5 1/2	120,223				
5 3/4	4,568	5 3/4	17,486	5 3/4	30,403	5 3/4	43,044	5 3/4	55,953	5 3/4	68,850	5 3/4	81,755	5 3/4	94,669	5 3/4	107,578	5 3/4	120,492				
6	4,836	6	17,755	6	30,672	6	43,313	6	56,222	6	69,119	6	82,024	6	94,938	6	107,847	6	120,761				
6 1/4	5,105	6 1/4	18,024	6 1/4	30,941	6 1/4	43,582	6 1/4	56,491	6 1/4	69,387	6 1/4	82,293	6 1/4	95,207	6 1/4	108,116	6 1/4	121,030				
6 1/2	5,374	6 1/2	18,293	6 1/2	31,196	6 1/2	43,851	6 1/2	56,759	6 1/2	69,656	6 1/2	82,562	6 1/2	95,476	6 1/2	108,385	6 1/2	121,299				
6 3/4	5,643	6 3/4	18,562	6 3/4	31,458	6 3/4	44,120	6 3/4	57,028	6 3/4	69,924	6 3/4	82,831	6 3/4	95,745	6 3/4	108,654	6 3/4	121,569				
7	5,911	7	18,831	7	31,720	7	44,389	7	57,297	7	70,192	7	83,100	7	96,014	7	108,923	7	121,838				
7 1/4	6,180	7 1/4	19,100	7 1/4	31,982	7 1/4	44,658	7 1/4	57,566	7 1/4	70,461	7 1/4	83,369	7 1/4	96,284	7 1/4	109,192	7 1/4	122,107				
7 1/2	6,450	7 1/2	19,370	7 1/2	32,244	7 1/2	44,927	7 1/2	57,835	7 1/2	70,729	7 1/2	83,638	7 1/2	96,553	7 1/2	109,461	7 1/2	122,376				
7 3/4	6,719	7 3/4	19,639	7 3/4	32,505	7 3/4	45,196	7 3/4	58,104	7 3/4	70,998	7 3/4	83,907	7 3/4	96,822	7 3/4	109,730	7 3/4	122,645				
8	6,988	8	19,908	8	32,767	8	45,465	8	58,373	8	71,266	8	84,176	8	97,091	8	109,999	8	122,914				
8 1/4	7,257	8 1/4	20,177	8 1/4	33,029	8 1/4	45,734	8 1/4	58,642	8 1/4	71,535	8 1/4	84,445	8 1/4	97,360	8 1/4	110,268	8 1/4	123,183				
8 1/2	7,526	8 1/2	20,446	8 1/2	33,291	8 1/2	46,002	8 1/2	58,911	8 1/2	71,803	8 1/2	84,714	8 1/2	97,629	8 1/2	110,537	8 1/2	123,452				
8 3/4	7,795	8 3/4	20,715	8 3/4	33,553	8 3/4	46,271	8 3/4	59,180	8 3/4	72,072	8 3/4	84,983	8 3/4	97,898	8 3/4	110,806	8 3/4	123,721				
9	8,064	9	20,984	9	33,815	9	46,540	9	59,449	9	72,340	9	85,252	9	98,167	9	111,075	9	123,990				
9 1/4	8,334	9 1/4	21,253	9 1/4	34,077	9 1/4	46,809	9 1/4	59,718	9 1/4	72,609	9 1/4	85,521	9 1/4	98,436	9 1/4	111,344	9 1/4	124,264				
9 1/2	8,603	9 1/2	21,522	9 1/2	34,339	9 1/2	47,078	9 1/2	59,987	9 1/2	72,877	9 1/2	85,790	9 1/2	98,705	9 1/2	111,613	9 1/2	124,537				
9 3/4	8,873	9 3/4	21,792	9 3/4	34,600	9 3/4	47,347	9 3/4	60,255	9 3/4	73,145	9 3/4	86,059	9 3/4	98,973	9 3/4	111,883	9 3/4	124,811				
10	9,142	10	22,061	10	34,862	10	47,616	10	60,524	10	73,414	10	86,328	10	99,242	10	112,152	10	124,884				
10 1/4	9,411	10 1/4	22,330	10 1/4	35,124	10 1/4	47,885	10 1/4	60,793	10 1/4	73,683	10 1/4	86,598	10 1/4	99,511	10 1/4	112,421	10 1/4	124,856				
10 1/2	9,681	10 1/2	22,599	10 1/2	35,386	10 1/2	48,154	10 1/2	61,062	10 1/2	73,952	10 1/2	86,867	10 1/2	99,780	10 1/2	112,690	10 1/2	125,031				
10 3/4	9,950	10 3/4	22,868	10 3/4	35,648	10 3/4	48,423	10 3/4	61,331	10 3/4	74,221	10 3/4	87,136	10 3/4	100,049	10 3/4	112,959	10 3/4	125,205				
11	10,220	11	23,137	11	35,910	11	48,692	11	61,600	11	74,490	11	87,405	11	100,318	11	113,228	11	125,378				
11 1/4	10,489	11 1/4	23,406	11 1/4	36,172	11 1/4	48,961	11 1/4	61,869	11 1/4	74,759	11 1/4	87,674	11 1/4	100,587	11 1/4	113,497	11 1/4	125,552				
11 1/2	10,758	11 1/2	23,675	11 1/2	36,433	11 1/2	49,230	11 1/2	62,138	11 1/2	75,028	11 1/2	87,943	11 1/2	100,856	11 1/2	113,766	11 1/2	125,726				
11 3/4	11,027	11 3/4	23,945	11 3/4	36,695	11 3/4	49,498	11 3/4	62,407	11 3/4	75,297	11 3/4	88,212	11 3/4	101,124	11 3/4	114,035	11 3/4	125,900				

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 INNAGE 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.pmaonline.net



# BARGE "IB 1910"

## 1 CENTER INNAGE 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	126,074	0	134,430	0	142,785	0	151,140	0	159,490	0	167,840	0	176,190	0	184,540	0	192,890	0	201,240
1/4	126,248	1/4	134,604	1/4	142,959	1/4	151,314	1/4	159,664	1/4	168,014	1/4	176,364	1/4	184,714	1/4	193,064	1/4	201,414
1/2	126,422	1/2	134,778	1/2	143,133	1/2	151,488	1/2	159,838	1/2	168,188	1/2	176,538	1/2	184,888	1/2	193,238	1/2	201,588
3/4	126,596	3/4	134,952	3/4	143,307	3/4	151,663	3/4	159,974	3/4	168,284	3/4	176,594	3/4	184,904	3/4	193,214	3/4	201,524
1	126,770	1	135,126	1	143,481	1	151,837	1	160,135	1	168,433	1	176,731	1	185,029	1	193,327	1	201,625
1/4	126,944	1/4	135,300	1/4	143,655	1/4	152,011	1/4	160,219	1/4	168,304	1/4	176,389	1/4	184,474	1/4	192,559	1/4	200,644
1/2	127,119	1/2	135,474	1/2	143,829	1/2	152,185	1/2	160,304	1/2	168,388	1/2	176,473	1/2	184,558	1/2	192,643	1/2	200,728
3/4	127,293	3/4	135,648	3/4	144,003	3/4	152,359	3/4	160,388	3/4	168,402	3/4	176,416	3/4	184,430	3/4	192,444	3/4	200,458
1	127,467	1	135,822	1	144,178	1	152,533	1	160,472	1	168,466	1	176,460	1	184,454	1	192,448	1	200,442
1/4	127,641	1/4	135,996	1/4	144,352	1/4	152,707	1/4	160,562	1/4	168,526	1/4	176,490	1/4	184,454	1/4	192,418	1/4	200,376
1/2	127,815	1/2	136,170	1/2	144,526	1/2	152,881	1/2	160,652	1/2	168,586	1/2	176,520	1/2	184,454	1/2	192,382	1/2	200,290
3/4	127,989	3/4	136,344	3/4	144,700	3/4	153,055	3/4	160,742	3/4	168,636	3/4	176,530	3/4	184,424	3/4	192,316	3/4	200,194
1	128,163	1	136,518	1	144,874	1	153,229	1	160,832	1	168,686	1	176,540	1	184,394	1	192,248	1	200,098
1/4	128,337	1/4	136,693	1/4	145,048	1/4	153,403	1/4	160,854	1/4	168,708	1/4	176,562	1/4	184,416	1/4	192,202	1/4	200,002
1/2	128,511	1/2	136,867	1/2	145,222	1/2	153,577	1/2	160,876	1/2	168,730	1/2	176,578	1/2	184,426	1/2	192,156	1/2	200,006
3/4	128,685	3/4	137,041	3/4	145,396	3/4	153,751	3/4	160,886	3/4	168,740	3/4	176,588	3/4	184,436	3/4	192,166	3/4	200,016
1	128,859	1	137,215	1	145,570	1	153,926	1	160,896	1	168,750	1	176,598	1	184,446	1	192,176	1	200,026
1/4	129,033	1/4	137,389	1/4	145,744	1/4	154,100	1/4	160,906	1/4	168,760	1/4	176,608	1/4	184,456	1/4	192,186	1/4	200,036
1/2	129,207	1/2	137,563	1/2	145,918	1/2	154,274	1/2	160,916	1/2	168,770	1/2	176,618	1/2	184,466	1/2	192,196	1/2	200,046
3/4	129,382	3/4	137,737	3/4	146,092	3/4	154,448	3/4	160,926	3/4	168,780	3/4	176,628	3/4	184,476	3/4	192,206	3/4	200,056
1	129,556	1	137,911	1	146,266	1	154,622	1	160,936	1	168,790	1	176,638	1	184,486	1	192,216	1	200,066
1/4	129,730	1/4	138,085	1/4	146,440	1/4	154,796	1/4	160,946	1/4	168,800	1/4	176,648	1/4	184,496	1/4	192,226	1/4	200,076
1/2	129,904	1/2	138,259	1/2	146,615	1/2	154,970	1/2	160,956	1/2	168,810	1/2	176,658	1/2	184,506	1/2	192,236	1/2	200,086
3/4	130,078	3/4	138,433	3/4	146,789	3/4	155,144	3/4	160,966	3/4	168,820	3/4	176,668	3/4	184,516	3/4	192,246	3/4	200,096
1	130,252	1	138,607	1	146,963	1	155,318	1	160,976	1	168,830	1	176,678	1	184,526	1	192,256	1	200,106
1/4	130,426	1/4	138,781	1/4	147,137	1/4	155,492	1/4	160,986	1/4	168,840	1/4	176,688	1/4	184,536	1/4	192,266	1/4	200,116
1/2	130,600	1/2	138,955	1/2	147,311	1/2	155,666	1/2	160,996	1/2	168,850	1/2	176,698	1/2	184,546	1/2	192,276	1/2	200,126
3/4	130,774	3/4	139,130	3/4	147,485	3/4	155,840	3/4	161,006	3/4	168,860	3/4	176,708	3/4	184,556	3/4	192,286	3/4	200,136
1	130,948	1	139,304	1	147,659	1	156,014	1	161,016	1	168,870	1	176,718	1	184,566	1	192,296	1	200,146
1/4	131,122	1/4	139,478	1/4	147,833	1/4	156,188	1/4	161,026	1/4	168,880	1/4	176,728	1/4	184,576	1/4	192,306	1/4	200,156
1/2	131,296	1/2	139,652	1/2	148,007	1/2	156,363	1/2	161,036	1/2	168,890	1/2	176,738	1/2	184,586	1/2	192,316	1/2	200,166
3/4	131,470	3/4	139,826	3/4	148,181	3/4	156,537	3/4	161,046	3/4	168,900	3/4	176,748	3/4	184,596	3/4	192,326	3/4	200,176
1	131,644	1	140,000	1	148,355	1	156,711	1	161,056	1	168,910	1	176,758	1	184,606	1	192,336	1	200,186
1/4	131,819	1/4	140,174	1/4	148,529	1/4	156,885	1/4	161,066	1/4	168,920	1/4	176,768	1/4	184,616	1/4	192,346	1/4	200,196
1/2	131,993	1/2	140,348	1/2	148,703	1/2	157,059	1/2	161,076	1/2	168,930	1/2	176,778	1/2	184,626	1/2	192,356	1/2	200,206
3/4	132,167	3/4	140,522	3/4	148,877	3/4	157,233	3/4	161,086	3/4	168,940	3/4	176,788	3/4	184,636	3/4	192,366	3/4	200,216
1	132,341	1	140,696	1	149,052	1	157,407	1	161,096	1	168,950	1	176,798	1	184,646	1	192,376	1	200,226
1/4	132,515	1/4	140,870	1/4	149,226	1/4	157,581	1/4	161,106	1/4	168,960	1/4	176,808	1/4	184,656	1/4	192,386	1/4	200,236
1/2	132,689	1/2	141,044	1/2	149,400	1/2	157,755	1/2	161,116	1/2	168,970	1/2	176,818	1/2	184,666	1/2	192,396	1/2	200,246
3/4	132,863	3/4	141,218	3/4	149,574	3/4	157,929	3/4	161,126	3/4	168,980	3/4	176,828	3/4	184,676	3/4	192,406	3/4	200,256
1	133,037	1	141,392	1	149,748	1	158,103	1	161,136	1	168,990	1	176,838	1	184,686	1	192,416	1	200,266
1/4	133,211	1/4	141,567	1/4	149,922	1/4	158,277	1/4	161,146	1/4	169,000	1/4	176,848	1/4	184,696	1/4	192,426	1/4	200,276
1/2	133,385	1/2	141,741	1/2	150,096	1/2	158,451	1/2	161,156	1/2	169,010	1/2	176,858	1/2	184,706	1/2	192,436	1/2	200,286
3/4	133,559	3/4	141,915	3/4	150,270	3/4	158,625	3/4	161,166	3/4	169,020	3/4	176,868	3/4	184,716	3/4	192,446	3/4	200,296
1	133,733	1	142,089	1	150,444	1	158,798	1	161,176	1	169,030	1	176,878	1	184,726	1	192,456	1	200,306
1/4	133,907	1/4	142,263	1/4	150,618	1/4	158,971	1/4	161,186	1/4	169,040	1/4	176,888	1/4	184,736	1/4	192,466	1/4	200,316
1/2	134,081	1/2	142,437	1/2	150,792	1/2	159,144	1/2	161,196	1/2	169,050	1/2	176,898	1/2	184,746	1/2	192,476	1/2	200,326
3/4	134,256	3/4	142,611	3/4	150,966	3/4	159,317	3/4	161,206	3/4	169,060	3/4	176,908	3/4	184,756	3/4	192,486	3/4	200,336

GAUGE HEIGHT 15'-03 1/4"

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2019 JS  
 CALCULATED: 05/30/2018 CL  
 PRINTED: 05/30/2019 CL  
 CANCELS AND SUPERCEDS  
 ALL PRIOR TO 05/2019

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

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



# BARGE "IB 1910"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 15'-02 1/2"											
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.				
0	26	0	10,854	0	23,280	0	35,537	0	47,851	0	60,278	0	72,705	0	85,132	0	97,559	0	109,986				
1/4	69	1/4	11,112	1/4	23,539	1/4	35,789	1/4	48,110	1/4	60,537	1/4	72,964	1/4	85,391	1/4	97,818	1/4	110,245				
1/2	156	1/2	11,371	1/2	23,798	1/2	36,048	1/2	48,368	1/2	60,796	1/2	73,223	1/2	85,650	1/2	98,077	1/2	110,504				
3/4	156	3/4	11,630	3/4	24,057	3/4	36,307	3/4	48,628	3/4	61,055	3/4	73,482	3/4	85,909	3/4	98,336	3/4	110,763				
1	199	1	11,889	1	24,316	1	36,559	1	48,887	1	61,314	1	73,741	1	86,168	1	98,595	1	111,022				
1/4	328	1/4	12,148	1/4	24,574	1/4	36,796	1/4	49,146	1/4	61,573	1/4	74,000	1/4	86,427	1/4	98,854	1/4	111,281				
1/2	458	1/2	12,407	1/2	24,833	1/2	37,000	1/2	49,404	1/2	61,831	1/2	74,257	1/2	86,685	1/2	99,112	1/2	111,539				
3/4	587	3/4	12,666	3/4	25,092	3/4	37,300	3/4	49,663	3/4	62,090	3/4	74,517	3/4	86,944	3/4	99,371	3/4	111,798				
2	717	2	12,925	2	25,351	2	37,551	2	49,922	2	62,349	2	74,776	2	87,203	2	99,630	2	112,057				
1/4	932	1/4	13,183	1/4	25,610	1/4	37,803	1/4	50,181	1/4	62,608	1/4	75,035	1/4	87,462	1/4	99,889	1/4	112,316				
1/2	1,147	1/2	13,442	1/2	25,869	1/2	38,055	1/2	50,440	1/2	62,867	1/2	75,294	1/2	87,721	1/2	100,148	1/2	112,575				
3/4	1,363	3/4	13,701	3/4	26,128	3/4	38,307	3/4	50,699	3/4	63,126	3/4	75,553	3/4	87,980	3/4	100,407	3/4	112,834				
3	1,578	3	13,960	3	26,387	3	38,559	3	50,958	3	63,385	3	75,812	3	88,239	3	100,666	3	113,093				
1/4	1,832	1/4	14,219	1/4	26,646	1/4	38,811	1/4	51,217	1/4	63,644	1/4	76,071	1/4	88,498	1/4	100,925	1/4	113,352				
1/2	2,085	1/2	14,478	1/2	26,904	1/2	39,063	1/2	51,476	1/2	63,903	1/2	76,330	1/2	88,757	1/2	101,184	1/2	113,611				
3/4	2,339	3/4	14,737	3/4	27,163	3/4	39,315	3/4	51,735	3/4	64,162	3/4	76,589	3/4	89,015	3/4	101,442	3/4	113,869				
4	2,592	4	14,996	4	27,422	4	39,566	4	51,993	4	64,420	4	76,847	4	89,274	4	101,701	4	114,128				
1/4	2,848	1/4	15,255	1/4	27,681	1/4	39,825	1/4	52,252	1/4	64,679	1/4	77,106	1/4	89,533	1/4	101,960	1/4	114,387				
1/2	3,104	1/2	15,513	1/2	27,940	1/2	40,084	1/2	52,511	1/2	64,938	1/2	77,365	1/2	89,792	1/2	102,219	1/2	114,646				
3/4	3,360	3/4	15,772	3/4	28,199	3/4	40,343	3/4	52,770	3/4	65,197	3/4	77,624	3/4	90,051	3/4	102,478	3/4	114,905				
5	3,616	5	16,031	5	28,458	5	40,602	5	53,028	5	65,456	5	77,883	5	90,310	5	102,737	5	115,164				
1/4	3,873	1/4	16,290	1/4	28,717	1/4	40,861	1/4	53,287	1/4	65,715	1/4	78,142	1/4	90,569	1/4	102,996	1/4	115,423				
1/2	4,130	1/2	16,549	1/2	28,976	1/2	41,120	1/2	53,546	1/2	65,974	1/2	78,401	1/2	90,828	1/2	103,255	1/2	115,682				
3/4	4,388	3/4	16,808	3/4	29,234	3/4	41,379	3/4	53,806	3/4	66,233	3/4	78,660	3/4	91,087	3/4	103,514	3/4	115,941				
6	4,643	6	17,067	6	29,493	6	41,638	6	54,065	6	66,492	6	78,919	6	91,346	6	103,773	6	116,200				
1/4	4,903	1/4	17,326	1/4	29,752	1/4	41,897	1/4	54,324	1/4	66,750	1/4	79,177	1/4	91,604	1/4	104,031	1/4	116,458				
1/2	5,161	1/2	17,585	1/2	29,997	1/2	42,155	1/2	54,582	1/2	67,009	1/2	79,436	1/2	91,863	1/2	104,290	1/2	116,717				
3/4	5,419	3/4	17,843	3/4	30,249	3/4	42,414	3/4	54,841	3/4	67,268	3/4	79,695	3/4	92,122	3/4	104,549	3/4	116,976				
7	5,677	7	18,102	7	30,501	7	42,673	7	55,100	7	67,527	7	79,954	7	92,381	7	104,808	7	117,235				
1/4	5,936	1/4	18,361	1/4	30,752	1/4	42,932	1/4	55,359	1/4	67,786	1/4	80,213	1/4	92,640	1/4	105,067	1/4	117,494				
1/2	6,194	1/2	18,620	1/2	31,004	1/2	43,191	1/2	55,618	1/2	68,045	1/2	80,472	1/2	92,899	1/2	105,326	1/2	117,753				
3/4	6,453	3/4	18,879	3/4	31,256	3/4	43,450	3/4	55,877	3/4	68,304	3/4	80,731	3/4	93,158	3/4	105,585	3/4	118,012				
8	6,712	8	19,138	8	31,508	8	43,709	8	56,136	8	68,563	8	80,990	8	93,417	8	105,844	8	118,271				
1/4	6,970	1/4	19,397	1/4	31,760	1/4	43,968	1/4	56,395	1/4	68,822	1/4	81,249	1/4	93,676	1/4	106,103	1/4	118,530				
1/2	7,229	1/2	19,656	1/2	32,011	1/2	44,227	1/2	56,654	1/2	69,081	1/2	81,508	1/2	93,935	1/2	106,361	1/2	118,788				
3/4	7,488	3/4	19,915	3/4	32,263	3/4	44,485	3/4	56,912	3/4	69,339	3/4	81,766	3/4	94,193	3/4	106,620	3/4	119,047				
9	7,747	9	20,173	9	32,515	9	44,744	9	57,171	9	69,598	9	82,025	9	94,452	9	106,879	9	119,306				
1/4	8,006	1/4	20,432	1/4	32,767	1/4	45,003	1/4	57,430	1/4	69,857	1/4	82,284	1/4	94,711	1/4	107,138	1/4	119,565				
1/2	8,265	1/2	20,691	1/2	33,019	1/2	45,262	1/2	57,688	1/2	70,116	1/2	82,543	1/2	94,970	1/2	107,397	1/2	119,824				
3/4	8,524	3/4	20,950	3/4	33,272	3/4	45,521	3/4	57,948	3/4	70,375	3/4	82,802	3/4	95,229	3/4	107,656	3/4	120,083				
10	8,782	10	21,209	10	33,522	10	45,780	10	58,207	10	70,634	10	83,061	10	95,488	10	107,915	10	120,342				
1/4	9,041	1/4	21,468	1/4	33,774	1/4	46,039	1/4	58,466	1/4	70,893	1/4	83,320	1/4	95,747	1/4	108,174	1/4	120,601				
1/2	9,300	1/2	21,727	1/2	34,026	1/2	46,298	1/2	58,725	1/2	71,152	1/2	83,579	1/2	96,006	1/2	108,433	1/2	120,860				
3/4	9,559	3/4	21,986	3/4	34,278	3/4	46,557	3/4	58,984	3/4	71,411	3/4	83,838	3/4	96,265	3/4	108,692	3/4	121,119				
11	9,818	11	22,245	11	34,530	11	46,816	11	59,243	11	71,670	11	84,096	11	96,523	11	108,950	11	121,377				
1/4	10,077	1/4	22,503	1/4	34,781	1/4	47,074	1/4	59,501	1/4	71,928	1/4	84,355	1/4	96,782	1/4	109,209	1/4	121,636				
1/2	10,336	1/2	22,762	1/2	35,033	1/2	47,333	1/2	59,760	1/2	72,187	1/2	84,614	1/2	97,041	1/2	109,468	1/2	121,895				
3/4	10,595	3/4	23,021	3/4	35,285	3/4	47,592	3/4	60,019	3/4	72,446	3/4	84,873	3/4	97,300	3/4	109,727	3/4	122,154				

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 31'-00" FORWARD OF AFT BULKHEAD

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

http://www.pma.com



# BARGE "IB 1910"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS				GAUGE HEIGHT 15'-02 1/2"						
IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	122,473	0	134,840	0	147,267	0	159,694	0	172,115	0
1/4	122,672	1/4	135,099	1/4	147,526	1/4	159,953	1/4	172,362	1/4
1/2	122,931	1/2	135,358	1/2	147,785	1/2	160,212	1/2	172,609	1/2
3/4	123,190	3/4	135,617	3/4	148,044	3/4	160,471	3/4	172,855	3/4
1	123,449	1	135,876	1	148,303	1	160,730	1	173,102	1
1 1/4	123,707	1 1/4	136,134	1 1/4	148,561	1 1/4	160,988	1 1/4	173,375	1 1/4
1 1/2	123,966	1 1/2	136,393	1 1/2	148,820	1 1/2	161,247	1 1/2	173,447	1 1/2
3/4	124,225	3/4	136,652	3/4	149,079	3/4	161,506	3/4	173,620	3/4
2	124,484	2	136,911	2	149,338	2	161,765	2	173,792	2
1 1/4	124,743	1 1/4	137,170	1 1/4	149,597	1 1/4	162,024	1 1/4	173,879	1 1/4
1 1/2	125,002	1 1/2	137,429	1 1/2	149,856	1 1/2	162,283	1 1/2	173,965	1 1/2
3/4	125,261	3/4	137,688	3/4	150,115	3/4	162,542	3/4	174,051	3/4
3	125,520	3	137,947	3	150,374	3	162,801	3	174,138	3
1 1/4	125,779	1 1/4	138,206	1 1/4	150,633	1 1/4	163,060	1 1/4	174,159	1 1/4
1 1/2	126,038	1 1/2	138,465	1 1/2	150,891	1 1/2	163,318	1 1/2	174,181	1 1/2
3/4	126,296	3/4	138,723	3/4	151,150	3/4	163,577	3/4	174,181	3/4
4	126,555	4	138,982	4	151,409	4	163,836	4	174,181	4
1 1/4	126,814	1 1/4	139,241	1 1/4	151,668	1 1/4	164,095	1 1/4	174,181	1 1/4
1 1/2	127,073	1 1/2	139,500	1 1/2	151,927	1 1/2	164,354	1 1/2	174,181	1 1/2
3/4	127,332	3/4	139,759	3/4	152,186	3/4	164,613	3/4	174,181	3/4
5	127,591	5	140,018	5	152,445	5	164,872	5	174,181	5
1 1/4	127,850	1 1/4	140,277	1 1/4	152,704	1 1/4	165,131	1 1/4	174,181	1 1/4
1 1/2	128,109	1 1/2	140,536	1 1/2	152,963	1 1/2	165,390	1 1/2	174,181	1 1/2
3/4	128,368	3/4	140,795	3/4	153,222	3/4	165,649	3/4	174,181	3/4
6	128,626	6	141,053	6	153,480	6	165,907	6	174,181	6
1 1/4	128,885	1 1/4	141,312	1 1/4	153,739	1 1/4	166,166	1 1/4	174,181	1 1/4
1 1/2	129,144	1 1/2	141,571	1 1/2	153,998	1 1/2	166,425	1 1/2	174,181	1 1/2
3/4	129,403	3/4	141,830	3/4	154,257	3/4	166,684	3/4	174,181	3/4
7	129,662	7	142,089	7	154,516	7	166,943	7	174,181	7
1 1/4	129,921	1 1/4	142,348	1 1/4	154,775	1 1/4	167,202	1 1/4	174,181	1 1/4
1 1/2	130,180	1 1/2	142,607	1 1/2	155,034	1 1/2	167,461	1 1/2	174,181	1 1/2
3/4	130,439	3/4	142,866	3/4	155,293	3/4	167,720	3/4	174,181	3/4
8	130,698	8	143,125	8	155,552	8	167,979	8	174,181	8
1 1/4	130,957	1 1/4	143,384	1 1/4	155,811	1 1/4	168,237	1 1/4	174,181	1 1/4
1 1/2	131,215	1 1/2	143,642	1 1/2	156,069	1 1/2	168,496	1 1/2	174,181	1 1/2
3/4	131,474	3/4	143,901	3/4	156,328	3/4	168,755	3/4	174,181	3/4
9	131,733	9	144,160	9	156,587	9	169,014	9	174,181	9
1 1/4	131,992	1 1/4	144,419	1 1/4	156,846	1 1/4	169,273	1 1/4	174,181	1 1/4
1 1/2	132,251	1 1/2	144,678	1 1/2	157,105	1 1/2	169,532	1 1/2	174,181	1 1/2
3/4	132,510	3/4	144,937	3/4	157,364	3/4	169,791	3/4	174,181	3/4
10	132,769	10	145,196	10	157,623	10	170,050	10	174,181	10
1 1/4	133,028	1 1/4	145,455	1 1/4	157,882	1 1/4	170,308	1 1/4	174,181	1 1/4
1 1/2	133,287	1 1/2	145,714	1 1/2	158,141	1 1/2	170,567	1 1/2	174,181	1 1/2
3/4	133,546	3/4	145,972	3/4	158,399	3/4	170,826	3/4	174,181	3/4
11	133,804	11	146,231	11	158,658	11	171,084	11	174,181	11
1 1/4	134,063	1 1/4	146,490	1 1/4	158,917	1 1/4	171,342	1 1/4	174,181	1 1/4
1 1/2	134,322	1 1/2	146,749	1 1/2	159,176	1 1/2	171,600	1 1/2	174,181	1 1/2
3/4	134,581	3/4	147,008	3/4	159,435	3/4	171,858	3/4	174,181	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/29/2019 JS  
 CALCULATED: 05/30/2019 CL  
 PRINTED: 05/30/2019 CL  
 CANCELS AND SUPPERCEDES  
 ALL PRIOR TO 05/2019

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



# BARGE "IB 1910"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	26	0	10,778	0	23,118	0	35,448	0	47,782	0	60,122	0	72,463	0	84,803	0	97,144	0	109,484
1/4	69	1/4	11,035	1/4	23,375	1/4	35,704	1/4	48,039	1/4	60,379	1/4	72,720	1/4	85,060	1/4	97,401	1/4	109,741
1/2	112	1/2	11,292	1/2	23,632	1/2	35,961	1/2	48,296	1/2	60,636	1/2	72,977	1/2	85,317	1/2	97,658	1/2	109,998
3/4	155	3/4	11,549	3/4	23,890	3/4	36,218	3/4	48,553	3/4	60,893	3/4	73,234	3/4	85,574	3/4	97,915	3/4	110,256
1	198	1	11,807	1	24,147	1	36,474	1	48,810	1	61,150	1	73,491	1	85,832	1	98,172	1	110,513
1 1/4	326	1 1/4	12,064	1 1/4	24,404	1 1/4	36,731	1 1/4	49,067	1 1/4	61,408	1 1/4	73,748	1 1/4	86,089	1 1/4	98,429	1 1/4	110,770
1 1/2	453	1 1/2	12,321	1 1/2	24,661	1 1/2	36,988	1 1/2	49,324	1 1/2	61,665	1 1/2	74,005	1 1/2	86,346	1 1/2	98,686	1 1/2	111,027
3/4	583	3/4	12,578	3/4	24,918	3/4	37,244	3/4	49,581	3/4	61,922	3/4	74,262	3/4	86,603	3/4	98,943	3/4	111,284
1 3/4	712	1 3/4	12,835	1 3/4	25,175	1 3/4	37,501	1 3/4	49,838	1 3/4	62,179	1 3/4	74,519	1 3/4	86,860	1 3/4	99,201	1 3/4	111,541
1 1/2	926	1 1/2	13,092	1 1/2	25,432	1 1/2	37,758	1 1/2	50,095	1 1/2	62,436	1 1/2	74,776	1 1/2	87,117	1 1/2	99,458	1 1/2	111,798
1 1/2	1,139	1 1/2	13,349	1 1/2	25,689	1 1/2	38,014	1 1/2	50,352	1 1/2	62,693	1 1/2	75,034	1 1/2	87,374	1 1/2	99,715	1 1/2	112,055
3/4	1,353	3/4	13,606	3/4	25,946	3/4	38,271	3/4	50,610	3/4	62,950	3/4	75,291	3/4	87,631	3/4	99,972	3/4	112,312
3	1,567	3	13,863	3	26,203	3	38,528	3	50,867	3	63,207	3	75,548	3	87,888	3	100,229	3	112,569
1 1/2	1,819	1 1/2	14,120	1 1/2	26,460	1 1/2	38,784	1 1/2	51,124	1 1/2	63,464	1 1/2	75,805	1 1/2	88,145	1 1/2	100,486	1 1/2	112,827
1 1/2	2,071	1 1/2	14,377	1 1/2	26,718	1 1/2	39,041	1 1/2	51,387	1 1/2	63,721	1 1/2	76,062	1 1/2	88,403	1 1/2	100,743	1 1/2	113,084
3/4	2,323	3/4	14,634	3/4	26,975	3/4	39,298	3/4	51,638	3/4	63,979	3/4	76,319	3/4	88,660	3/4	101,000	3/4	113,341
1 1/4	2,574	1 1/4	14,892	1 1/4	27,232	1 1/4	39,555	1 1/4	51,895	1 1/4	64,236	1 1/4	76,576	1 1/4	88,917	1 1/4	101,257	1 1/4	113,598
1 1/4	2,828	1 1/4	15,149	1 1/4	27,489	1 1/4	39,812	1 1/4	52,152	1 1/4	64,493	1 1/4	76,833	1 1/4	89,174	1 1/4	101,514	1 1/4	113,855
1 1/2	3,083	1 1/2	15,406	1 1/2	27,746	1 1/2	40,069	1 1/2	52,409	1 1/2	64,750	1 1/2	77,090	1 1/2	89,431	1 1/2	101,771	1 1/2	114,112
3/4	3,337	3/4	15,663	3/4	28,003	3/4	40,326	3/4	52,666	3/4	65,007	3/4	77,347	3/4	89,688	3/4	102,029	3/4	114,369
5	3,591	5	15,920	5	28,260	5	40,583	5	52,923	5	65,264	5	77,605	5	89,945	5	102,286	5	114,626
1 1/4	3,846	1 1/4	16,177	1 1/4	28,517	1 1/4	40,840	1 1/4	53,181	1 1/4	65,521	1 1/4	77,862	1 1/4	90,202	1 1/4	102,543	1 1/4	114,883
1 1/2	4,102	1 1/2	16,434	1 1/2	28,774	1 1/2	41,097	1 1/2	53,438	1 1/2	65,778	1 1/2	78,119	1 1/2	90,459	1 1/2	102,800	1 1/2	115,140
3/4	4,357	3/4	16,691	3/4	29,031	3/4	41,354	3/4	53,695	3/4	66,035	3/4	78,376	3/4	90,716	3/4	103,057	3/4	115,397
6	4,613	6	16,948	6	29,288	6	41,611	6	53,952	6	66,292	6	78,633	6	90,973	6	103,314	6	115,655
1 1/4	4,869	1 1/4	17,205	1 1/4	29,545	1 1/4	41,868	1 1/4	54,209	1 1/4	66,549	1 1/4	78,890	1 1/4	91,231	1 1/4	103,571	1 1/4	115,912
1 1/2	5,125	1 1/2	17,462	1 1/2	29,802	1 1/2	42,125	1 1/2	54,466	1 1/2	66,807	1 1/2	79,147	1 1/2	91,488	1 1/2	103,828	1 1/2	116,169
3/4	5,382	3/4	17,720	3/4	30,058	3/4	42,383	3/4	54,723	3/4	67,064	3/4	79,404	3/4	91,745	3/4	104,085	3/4	116,426
7	5,638	7	17,977	7	30,315	7	42,640	7	54,980	7	67,321	7	79,661	7	92,002	7	104,342	7	116,683
1 1/4	5,895	1 1/4	18,234	1 1/4	30,572	1 1/4	42,897	1 1/4	55,237	1 1/4	67,578	1 1/4	79,918	1 1/4	92,259	1 1/4	104,599	1 1/4	116,940
1 1/2	6,151	1 1/2	18,491	1 1/2	30,828	1 1/2	43,154	1 1/2	55,494	1 1/2	67,835	1 1/2	80,175	1 1/2	92,516	1 1/2	104,857	1 1/2	117,197
3/4	6,408	3/4	18,748	3/4	31,085	3/4	43,411	3/4	55,751	3/4	68,092	3/4	80,433	3/4	92,773	3/4	105,114	3/4	117,454
8	6,665	8	19,005	8	31,341	8	43,668	8	56,009	8	68,349	8	80,690	8	93,030	8	105,371	8	117,711
1 1/4	6,922	1 1/4	19,262	1 1/4	31,598	1 1/4	43,925	1 1/4	56,266	1 1/4	68,606	1 1/4	80,947	1 1/4	93,287	1 1/4	105,628	1 1/4	117,968
1 1/2	7,179	1 1/2	19,519	1 1/2	31,855	1 1/2	44,182	1 1/2	56,523	1 1/2	68,863	1 1/2	81,204	1 1/2	93,544	1 1/2	105,885	1 1/2	118,225
3/4	7,436	3/4	19,776	3/4	32,111	3/4	44,439	3/4	56,780	3/4	69,120	3/4	81,461	3/4	93,802	3/4	106,142	3/4	118,483
9	7,693	9	20,033	9	32,368	9	44,696	9	57,037	9	69,378	9	81,718	9	94,059	9	106,399	9	118,740
1 1/4	7,950	1 1/4	20,290	1 1/4	32,625	1 1/4	44,954	1 1/4	57,294	1 1/4	69,635	1 1/4	81,975	1 1/4	94,316	1 1/4	106,656	1 1/4	118,997
1 1/2	8,207	1 1/2	20,547	1 1/2	32,881	1 1/2	45,211	1 1/2	57,551	1 1/2	69,892	1 1/2	82,232	1 1/2	94,573	1 1/2	106,913	1 1/2	119,254
3/4	8,464	3/4	20,805	3/4	33,138	3/4	45,468	3/4	57,808	3/4	70,149	3/4	82,489	3/4	94,830	3/4	107,170	3/4	119,511
10	8,722	10	21,062	10	33,395	10	45,725	10	58,065	10	70,406	10	82,746	10	95,087	10	107,428	10	119,768
1 1/4	8,979	1 1/4	21,319	1 1/4	33,651	1 1/4	45,982	1 1/4	58,322	1 1/4	70,663	1 1/4	83,004	1 1/4	95,344	1 1/4	107,685	1 1/4	120,025
1 1/2	9,236	1 1/2	21,576	1 1/2	33,908	1 1/2	46,239	1 1/2	58,580	1 1/2	70,920	1 1/2	83,261	1 1/2	95,601	1 1/2	107,942	1 1/2	120,282
3/4	9,493	3/4	21,833	3/4	34,165	3/4	46,496	3/4	58,837	3/4	71,177	3/4	83,521	3/4	95,858	3/4	108,199	3/4	120,539
11	9,750	11	22,090	11	34,421	11	46,753	11	59,094	11	71,434	11	83,775	11	96,115	11	108,456	11	120,796
1 1/4	10,007	1 1/4	22,347	1 1/4	34,678	1 1/4	47,010	1 1/4	59,351	1 1/4	71,691	1 1/4	84,032	1 1/4	96,372	1 1/4	108,713	1 1/4	121,054
1 1/2	10,264	1 1/2	22,604	1 1/2	34,934	1 1/2	47,267	1 1/2	59,608	1 1/2	71,948	1 1/2	84,289	1 1/2	96,630	1 1/2	108,970	1 1/2	121,311
3/4	10,521	3/4	22,861	3/4	35,191	3/4	47,524	3/4	59,865	3/4	72,206	3/4	84,548	3/4	96,887	3/4	109,227	3/4	121,568

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IAPWS 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 31'-0" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "IB 1910"

3 CENTER  
INNAGE 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	121,825	0	134,165	0	146,506	0	158,846	0	171,181	0	171,181	0	0	0	0	0	0	0	0
1/4	122,082	1/4	134,422	1/4	146,763	1/4	159,104	1/4	171,426	1/4	171,426	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,339	1/2	134,680	1/2	147,020	1/2	159,361	1/2	171,671	1/2	171,671	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,596	3/4	134,937	3/4	147,277	3/4	159,618	3/4	171,916	3/4	171,916	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	122,853	1	135,194	1	147,534	1	159,875	1	172,161	1	172,161	1	1	1	1	1	1	1	1
1/4	123,110	1/4	135,451	1/4	147,791	1/4	160,132	1/4	172,333	1/4	172,333	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,367	1/2	135,708	1/2	148,049	1/2	160,389	1/2	172,504	1/2	172,504	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,625	3/4	135,965	3/4	148,306	3/4	160,646	3/4	172,675	3/4	172,675	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	123,882	2	136,222	2	148,563	2	160,903	2	172,847	2	172,847	2	2	2	2	2	2	2	2
1/4	124,139	1/4	136,479	1/4	148,820	1/4	161,160	1/4	172,933	1/4	172,933	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,396	1/2	136,736	1/2	149,077	1/2	161,417	1/2	173,018	1/2	173,018	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,653	3/4	136,993	3/4	149,334	3/4	161,675	3/4	173,104	3/4	173,104	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	124,910	3	137,251	3	149,591	3	161,932	3	173,190	3	173,190	3	3	3	3	3	3	3	3
1/4	125,167	1/4	137,508	1/4	149,848	1/4	162,189	1/4	173,211	1/4	173,211	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,424	1/2	137,765	1/2	150,105	1/2	162,446	1/2	173,233	1/2	173,233	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,681	3/4	138,022	3/4	150,362	3/4	162,703	3/4	173,254	3/4	173,254	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	125,938	4	138,279	4	150,619	4	162,960	4	173,275	4	173,275	4	4	4	4	4	4	4	4
1/4	126,195	1/4	138,536	1/4	150,877	1/4	163,217	1/4	173,296	1/4	173,296	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,453	1/2	138,793	1/2	151,134	1/2	163,474	1/2	173,317	1/2	173,317	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,710	3/4	139,050	3/4	151,391	3/4	163,731	3/4	173,338	3/4	173,338	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	126,967	5	139,307	5	151,648	5	163,988	5	173,359	5	173,359	5	5	5	5	5	5	5	5
1/4	127,224	1/4	139,564	1/4	151,905	1/4	164,245	1/4	173,380	1/4	173,380	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,481	1/2	139,821	1/2	152,162	1/2	164,503	1/2	173,401	1/2	173,401	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,738	3/4	140,079	3/4	152,419	3/4	164,760	3/4	173,422	3/4	173,422	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	127,995	6	140,336	6	152,676	6	165,017	6	173,443	6	173,443	6	6	6	6	6	6	6	6
1/4	128,252	1/4	140,593	1/4	152,933	1/4	165,274	1/4	173,464	1/4	173,464	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,509	1/2	140,850	1/2	153,190	1/2	165,531	1/2	173,485	1/2	173,485	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,766	3/4	141,107	3/4	153,448	3/4	165,788	3/4	173,506	3/4	173,506	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	129,024	7	141,364	7	153,705	7	166,045	7	173,527	7	173,527	7	7	7	7	7	7	7	7
1/4	129,281	1/4	141,621	1/4	153,962	1/4	166,302	1/4	173,548	1/4	173,548	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,538	1/2	141,878	1/2	154,219	1/2	166,559	1/2	173,569	1/2	173,569	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,795	3/4	142,135	3/4	154,476	3/4	166,816	3/4	173,590	3/4	173,590	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	130,052	8	142,392	8	154,733	8	167,073	8	173,611	8	173,611	8	8	8	8	8	8	8	8
1/4	130,309	1/4	142,650	1/4	154,990	1/4	167,331	1/4	173,632	1/4	173,632	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	130,566	1/2	142,907	1/2	155,247	1/2	167,588	1/2	173,653	1/2	173,653	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	130,823	3/4	143,164	3/4	155,504	3/4	167,845	3/4	173,674	3/4	173,674	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	131,080	9	143,421	9	155,761	9	168,102	9	173,695	9	173,695	9	9	9	9	9	9	9	9
1/4	131,337	1/4	143,678	1/4	156,018	1/4	168,359	1/4	173,716	1/4	173,716	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	131,594	1/2	143,935	1/2	156,276	1/2	168,616	1/2	173,737	1/2	173,737	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	131,852	3/4	144,192	3/4	156,533	3/4	168,873	3/4	173,758	3/4	173,758	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	132,109	10	144,449	10	156,790	10	169,130	10	173,779	10	173,779	10	10	10	10	10	10	10	10
1/4	132,366	1/4	144,706	1/4	157,047	1/4	169,387	1/4	173,800	1/4	173,800	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	132,623	1/2	144,963	1/2	157,304	1/2	169,644	1/2	173,821	1/2	173,821	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	132,880	3/4	145,220	3/4	157,561	3/4	169,901	3/4	173,842	3/4	173,842	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	133,137	11	145,478	11	157,818	11	170,158	11	173,863	11	173,863	11	11	11	11	11	11	11	11
1/4	133,394	1/4	145,735	1/4	158,075	1/4	170,414	1/4	173,884	1/4	173,884	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	133,651	1/2	145,992	1/2	158,332	1/2	170,670	1/2	173,905	1/2	173,905	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	133,908	3/4	146,249	3/4	158,589	3/4	170,925	3/4	173,926	3/4	173,926	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

GAUGE HEIGHT 15'-02 1/4"

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/29/2019 JS  
CALCULATED: 05/30/2019 CL  
PRINTED: 05/30/2019 CL  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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