



# BARGE "JB 1972"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	-00-0/8	00-0/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/4	00-1/4	-00-1/4	00-1/4
2 CENTER	-00-1/8	00-1/8	-00-1/4	00-1/4	-00-3/8	00-3/8	-00-1/2	00-1/2	-00-5/8	00-5/8	-00-5/8	00-5/8
3 CENTER	-00-1/8	00-1/8	-00-1/4	00-1/4	-00-3/8	00-3/8	-00-1/2	00-1/2	-00-1/2	00-1/2	-00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

**EXAMPLE FOR ABOVE TRIM CORRECTIONS:**

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

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

LENGTH BETWEEN DRAFT MARKS: 182'-09"

May 5, 2016

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

<http://www.pmacorp.net>



# BARGE "IB 1972"

# 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	26	0	10,181	0	22,189	0	34,036	0	45,933	0	57,934	0	69,917	0	81,924	0	93,931	0	105,938
1/4	68	1/4	10,431	1/4	22,439	1/4	34,279	1/4	46,183	1/4	58,183	1/4	70,167	1/4	82,174	1/4	94,181	1/4	106,188
1/2	110	1/2	10,681	1/2	22,689	1/2	34,523	1/2	46,433	1/2	58,433	1/2	70,417	1/2	82,425	1/2	94,431	1/2	106,438
3/4	152	3/4	10,931	3/4	22,939	3/4	34,766	3/4	46,683	3/4	58,682	3/4	70,667	3/4	82,675	3/4	94,682	3/4	106,688
1	194	1	11,181	1	23,189	1	35,010	1	46,933	1	58,932	1	70,918	1	82,925	1	94,932	1	106,939
1/4	286	1/4	11,432	1/4	23,439	1/4	35,253	1/4	47,183	1/4	59,182	1/4	71,168	1/4	83,175	1/4	95,182	1/4	107,189
1/2	378	1/2	11,682	1/2	23,689	1/2	35,497	1/2	47,433	1/2	59,431	1/2	71,418	1/2	83,425	1/2	95,432	1/2	107,439
3/4	470	3/4	11,932	3/4	23,940	3/4	35,740	3/4	47,683	3/4	59,681	3/4	71,668	3/4	83,675	3/4	95,682	3/4	107,689
2	562	2	12,182	2	24,190	2	35,984	2	47,933	2	59,930	2	71,918	2	83,925	2	95,932	2	107,939
1/4	726	1/4	12,432	1/4	24,440	1/4	36,227	1/4	48,183	1/4	60,180	1/4	72,168	1/4	84,176	1/4	96,182	1/4	108,189
1/2	890	1/2	12,682	1/2	24,690	1/2	36,471	1/2	48,433	1/2	60,429	1/2	72,418	1/2	84,426	1/2	96,432	1/2	108,439
3/4	1,055	3/4	12,933	3/4	24,940	3/4	36,714	3/4	48,683	3/4	60,679	3/4	72,669	3/4	84,676	3/4	96,683	3/4	108,690
1	1,219	1	13,183	1	25,190	1	36,958	1	48,933	1	60,928	1	72,919	1	84,926	1	96,933	1	108,940
1/4	1,457	1/4	13,433	1/4	25,441	1/4	37,201	1/4	49,183	1/4	61,178	1/4	73,169	1/4	85,176	1/4	97,183	1/4	109,190
1/2	1,694	1/2	13,683	1/2	25,691	1/2	37,445	1/2	49,433	1/2	61,427	1/2	73,419	1/2	85,427	1/2	97,433	1/2	109,440
3/4	1,931	3/4	13,933	3/4	25,941	3/4	37,688	3/4	49,683	3/4	61,677	3/4	73,669	3/4	85,677	3/4	97,683	3/4	109,690
4	2,169	4	14,183	4	26,191	4	37,932	4	49,933	4	61,927	4	73,919	4	85,927	4	97,933	4	109,940
1/4	2,419	1/4	14,434	1/4	26,441	1/4	38,182	1/4	50,183	1/4	62,176	1/4	74,170	1/4	86,177	1/4	98,183	1/4	110,191
1/2	2,669	1/2	14,684	1/2	26,691	1/2	38,432	1/2	50,433	1/2	62,426	1/2	74,420	1/2	86,427	1/2	98,433	1/2	110,441
3/4	2,919	3/4	14,934	3/4	26,942	3/4	38,682	3/4	50,683	3/4	62,675	3/4	74,670	3/4	86,677	3/4	98,684	3/4	110,691
5	3,169	5	15,184	5	27,192	5	38,932	5	50,933	5	62,925	5	74,920	5	86,927	5	98,934	5	110,941
1/4	3,419	1/4	15,434	1/4	27,442	1/4	39,182	1/4	51,183	1/4	63,174	1/4	75,170	1/4	87,177	1/4	99,184	1/4	111,191
1/2	3,670	1/2	15,684	1/2	27,692	1/2	39,432	1/2	51,433	1/2	63,424	1/2	75,420	1/2	87,428	1/2	99,434	1/2	111,441
3/4	3,921	3/4	15,935	3/4	27,942	3/4	39,682	3/4	51,683	3/4	63,673	3/4	75,671	3/4	87,678	3/4	99,684	3/4	111,691
6	4,171	6	16,185	6	28,192	6	39,932	6	51,933	6	63,923	6	75,921	6	87,928	6	99,934	6	111,942
1/4	4,422	1/4	16,435	1/4	28,436	1/4	40,182	1/4	52,183	1/4	64,173	1/4	76,171	1/4	88,178	1/4	100,184	1/4	112,192
1/2	4,672	1/2	16,685	1/2	28,679	1/2	40,432	1/2	52,433	1/2	64,422	1/2	76,421	1/2	88,428	1/2	100,435	1/2	112,442
3/4	4,923	3/4	16,935	3/4	28,923	3/4	40,682	3/4	52,683	3/4	64,672	3/4	76,671	3/4	88,678	3/4	100,685	3/4	112,692
7	5,174	7	17,185	7	29,166	7	40,932	7	52,933	7	64,921	7	76,921	7	88,928	7	100,935	7	112,942
1/4	5,424	1/4	17,435	1/4	29,410	1/4	41,182	1/4	53,183	1/4	65,171	1/4	77,171	1/4	89,179	1/4	101,185	1/4	113,192
1/2	5,675	1/2	17,686	1/2	29,653	1/2	41,432	1/2	53,433	1/2	65,420	1/2	77,422	1/2	89,429	1/2	101,435	1/2	113,442
3/4	5,925	3/4	17,936	3/4	29,897	3/4	41,682	3/4	53,683	3/4	65,670	3/4	77,672	3/4	89,679	3/4	101,685	3/4	113,693
8	6,176	8	18,186	8	30,140	8	41,932	8	53,933	8	65,919	8	77,922	8	89,929	8	101,936	8	113,943
1/4	6,426	1/4	18,436	1/4	30,384	1/4	42,182	1/4	54,183	1/4	66,169	1/4	78,172	1/4	90,179	1/4	102,186	1/4	114,193
1/2	6,676	1/2	18,686	1/2	30,627	1/2	42,432	1/2	54,433	1/2	66,418	1/2	78,422	1/2	90,429	1/2	102,436	1/2	114,443
3/4	6,926	3/4	18,936	3/4	30,871	3/4	42,682	3/4	54,683	3/4	66,668	3/4	78,672	3/4	90,680	3/4	102,686	3/4	114,693
9	7,177	9	19,187	9	31,114	9	42,932	9	54,933	9	66,918	9	78,922	9	90,930	9	102,936	9	114,943
1/4	7,427	1/4	19,437	1/4	31,358	1/4	43,182	1/4	55,184	1/4	67,167	1/4	79,173	1/4	91,180	1/4	103,186	1/4	115,194
1/2	7,677	1/2	19,687	1/2	31,601	1/2	43,432	1/2	55,434	1/2	67,417	1/2	79,423	1/2	91,430	1/2	103,436	1/2	115,444
3/4	7,928	3/4	19,937	3/4	31,845	3/4	43,682	3/4	55,684	3/4	67,666	3/4	79,673	3/4	91,680	3/4	103,687	3/4	115,694
10	8,178	10	20,187	10	32,088	10	43,932	10	55,934	10	67,916	10	79,923	10	91,930	10	103,937	10	115,944
1/4	8,429	1/4	20,437	1/4	32,332	1/4	44,183	1/4	56,184	1/4	68,166	1/4	80,174	1/4	92,180	1/4	104,187	1/4	116,194
1/2	8,679	1/2	20,688	1/2	32,575	1/2	44,433	1/2	56,434	1/2	68,416	1/2	80,423	1/2	92,430	1/2	104,437	1/2	116,444
3/4	8,930	3/4	20,938	3/4	32,819	3/4	44,683	3/4	56,684	3/4	68,666	3/4	80,673	3/4	92,681	3/4	104,687	3/4	116,694
11	9,180	11	21,188	11	33,062	11	44,933	11	56,934	11	68,916	11	80,924	11	92,931	11	104,937	11	116,945
1/4	9,430	1/4	21,438	1/4	33,305	1/4	45,183	1/4	57,184	1/4	69,167	1/4	81,174	1/4	93,181	1/4	105,187	1/4	117,195
1/2	9,680	1/2	21,688	1/2	33,549	1/2	45,433	1/2	57,434	1/2	69,417	1/2	81,424	1/2	93,431	1/2	105,438	1/2	117,446
3/4	9,931	3/4	21,938	3/4	33,792	3/4	45,683	3/4	57,684	3/4	69,667	3/4	81,674	3/4	93,681	3/4	105,688	3/4	117,697

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MIPMS 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'-09" FORWARD OF AFT BULKHEAD.

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# BARGE "IB 1972"

# 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	117,947	0	128,561	0	136,339	0	144,116	0	151,886	0	159,656	0	167,426	0	175,196	0	182,966	0	190,736
1/4	118,198	1/4	128,723	1/4	136,501	1/4	144,279	1/4	152,024	1/4	159,769	1/4	167,514	1/4	175,259	1/4	183,004	1/4	190,749
1/2	118,448	1/2	128,885	1/2	136,663	1/2	144,441	1/2	152,161	1/2	159,881	1/2	167,601	1/2	175,321	1/2	183,041	1/2	190,769
3/4	118,699	3/4	129,047	3/4	136,825	3/4	144,603	3/4	152,299	3/4	160,025	3/4	167,751	3/4	175,477	3/4	183,203	3/4	190,817
1	118,950	1	129,209	1	136,987	1	144,765	1	152,437	1	160,163	1	167,889	1	175,615	1	183,341	1	191,063
1 1/4	119,200	1 1/4	129,371	1 1/4	137,149	1 1/4	144,927	1 1/4	152,494	1 1/4	160,220	1 1/4	167,946	1 1/4	175,672	1 1/4	183,398	1 1/4	191,117
1 1/2	119,451	1 1/2	129,533	1 1/2	137,311	1 1/2	145,089	1 1/2	152,552	1 1/2	160,279	1 1/2	168,005	1 1/2	175,731	1 1/2	183,459	1 1/2	191,176
3/4	119,702	3/4	129,695	3/4	137,473	3/4	145,251	3/4	152,609	3/4	160,341	3/4	168,067	3/4	175,791	3/4	183,518	3/4	191,235
2	119,952	2	129,857	2	137,635	2	145,413	2	152,667	2	160,400	2	168,126	2	175,850	2	183,577	2	191,294
1 1/4	120,203	1 1/4	130,019	1 1/4	137,797	1 1/4	145,575	1 1/4	152,730	1 1/4	160,459	1 1/4	168,185	1 1/4	175,909	1 1/4	183,636	1 1/4	191,353
1 1/2	120,454	1 1/2	130,181	1 1/2	137,959	1 1/2	145,737	1 1/2	152,792	1 1/2	160,518	1 1/2	168,244	1 1/2	175,968	1 1/2	183,695	1 1/2	191,412
3/4	120,704	3/4	130,343	3/4	138,121	3/4	145,899	3/4	152,855	3/4	160,577	3/4	168,303	3/4	176,027	3/4	183,754	3/4	191,471
3	120,955	3	130,505	3	138,283	3	146,061	3	152,918	3	160,636	3	168,362	3	176,086	3	183,813	3	191,530
1 1/4	121,206	1 1/4	130,667	1 1/4	138,445	1 1/4	146,223	1 1/4	152,928	1 1/4	160,695	1 1/4	168,421	1 1/4	176,145	1 1/4	183,872	1 1/4	191,589
1 1/2	121,456	1 1/2	130,829	1 1/2	138,607	1 1/2	146,385	1 1/2	153,042	1 1/2	160,754	1 1/2	168,480	1 1/2	176,204	1 1/2	183,931	1 1/2	191,648
3/4	121,707	3/4	130,991	3/4	138,769	3/4	146,547	3/4	153,101	3/4	160,813	3/4	168,542	3/4	176,263	3/4	183,990	3/4	191,707
4	121,958	4	131,153	4	138,931	4	146,709	4	153,155	4	160,872	4	168,601	4	176,322	4	184,049	4	191,766
1 1/4	122,208	1 1/4	131,315	1 1/4	139,093	1 1/4	146,871	1 1/4	153,214	1 1/4	160,931	1 1/4	168,660	1 1/4	176,381	1 1/4	184,108	1 1/4	191,825
1 1/2	122,459	1 1/2	131,477	1 1/2	139,255	1 1/2	147,033	1 1/2	153,273	1 1/2	160,990	1 1/2	168,719	1 1/2	176,440	1 1/2	184,167	1 1/2	191,884
3/4	122,710	3/4	131,639	3/4	139,417	3/4	147,195	3/4	153,332	3/4	161,049	3/4	168,778	3/4	176,499	3/4	184,226	3/4	191,943
5	122,960	5	131,801	5	139,579	5	147,357	5	153,391	5	161,108	5	168,837	5	176,558	5	184,285	5	192,002
1 1/4	123,211	1 1/4	131,963	1 1/4	139,741	1 1/4	147,519	1 1/4	153,450	1 1/4	161,167	1 1/4	168,896	1 1/4	176,617	1 1/4	184,344	1 1/4	192,061
1 1/2	123,461	1 1/2	132,126	1 1/2	139,903	1 1/2	147,681	1 1/2	153,509	1 1/2	161,226	1 1/2	168,955	1 1/2	176,676	1 1/2	184,403	1 1/2	192,120
3/4	123,712	3/4	132,288	3/4	140,065	3/4	147,843	3/4	153,568	3/4	161,285	3/4	169,014	3/4	176,735	3/4	184,462	3/4	192,179
6	123,963	6	132,450	6	140,228	6	148,005	6	153,627	6	161,344	6	169,073	6	176,794	6	184,521	6	192,238
1 1/4	124,213	1 1/4	132,612	1 1/4	140,390	1 1/4	148,167	1 1/4	153,686	1 1/4	161,403	1 1/4	169,132	1 1/4	176,853	1 1/4	184,580	1 1/4	192,297
1 1/2	124,464	1 1/2	132,774	1 1/2	140,552	1 1/2	148,330	1 1/2	153,745	1 1/2	161,462	1 1/2	169,191	1 1/2	176,912	1 1/2	184,639	1 1/2	192,356
3/4	124,715	3/4	132,936	3/4	140,714	3/4	148,492	3/4	153,804	3/4	161,521	3/4	169,250	3/4	176,971	3/4	184,698	3/4	192,415
7	124,965	7	133,098	7	140,876	7	148,654	7	153,863	7	161,580	7	169,309	7	177,030	7	184,757	7	192,474
1 1/4	125,216	1 1/4	133,260	1 1/4	141,038	1 1/4	148,816	1 1/4	153,922	1 1/4	161,639	1 1/4	169,368	1 1/4	177,089	1 1/4	184,816	1 1/4	192,533
1 1/2	125,467	1 1/2	133,422	1 1/2	141,200	1 1/2	148,978	1 1/2	154,000	1 1/2	161,698	1 1/2	169,427	1 1/2	177,148	1 1/2	184,875	1 1/2	192,592
3/4	125,717	3/4	133,584	3/4	141,362	3/4	149,140	3/4	154,059	3/4	161,757	3/4	169,486	3/4	177,207	3/4	184,934	3/4	192,651
8	125,968	8	133,746	8	141,524	8	149,302	8	154,118	8	161,816	8	169,545	8	177,266	8	184,993	8	192,710
1 1/4	126,130	1 1/4	133,908	1 1/4	141,686	1 1/4	149,464	1 1/4	154,177	1 1/4	161,875	1 1/4	169,604	1 1/4	177,325	1 1/4	185,052	1 1/4	192,769
1 1/2	126,292	1 1/2	134,070	1 1/2	141,848	1 1/2	149,626	1 1/2	154,238	1 1/2	161,934	1 1/2	169,663	1 1/2	177,384	1 1/2	185,111	1 1/2	192,828
3/4	126,454	3/4	134,232	3/4	142,010	3/4	149,788	3/4	154,297	3/4	161,993	3/4	169,722	3/4	177,443	3/4	185,170	3/4	192,887
9	126,616	9	134,394	9	142,172	9	149,950	9	154,360	9	162,052	9	169,781	9	177,502	9	185,229	9	192,946
1 1/4	126,778	1 1/4	134,556	1 1/4	142,334	1 1/4	150,112	1 1/4	154,422	1 1/4	162,111	1 1/4	169,840	1 1/4	177,561	1 1/4	185,288	1 1/4	193,005
1 1/2	126,940	1 1/2	134,718	1 1/2	142,496	1 1/2	150,274	1 1/2	154,484	1 1/2	162,170	1 1/2	169,899	1 1/2	177,620	1 1/2	185,347	1 1/2	193,064
3/4	127,102	3/4	134,880	3/4	142,658	3/4	150,436	3/4	154,546	3/4	162,229	3/4	169,958	3/4	177,679	3/4	185,406	3/4	193,123
10	127,264	10	135,042	10	142,820	10	150,598	10	154,608	10	162,288	10	169,997	10	177,738	10	185,465	10	193,182
1 1/4	127,426	1 1/4	135,204	1 1/4	142,982	1 1/4	150,760	1 1/4	154,670	1 1/4	162,347	1 1/4	170,056	1 1/4	177,797	1 1/4	185,524	1 1/4	193,241
1 1/2	127,588	1 1/2	135,366	1 1/2	143,144	1 1/2	150,921	1 1/2	154,732	1 1/2	162,406	1 1/2	170,115	1 1/2	177,856	1 1/2	185,583	1 1/2	193,300
3/4	127,750	3/4	135,528	3/4	143,306	3/4	151,083	3/4	154,794	3/4	162,465	3/4	170,174	3/4	177,915	3/4	185,642	3/4	193,359
11	127,912	11	135,690	11	143,468	11	151,244	11	154,856	11	162,524	11	170,233	11	177,974	11	185,701	11	193,418
1 1/4	128,074	1 1/4	135,852	1 1/4	143,630	1 1/4	151,405	1 1/4	154,914	1 1/4	162,583	1 1/4	170,292	1 1/4	178,033	1 1/4	185,760	1 1/4	193,477
1 1/2	128,237	1 1/2	136,014	1 1/2	143,792	1 1/2	151,565	1 1/2	155,000	1 1/2	162,642	1 1/2	170,351	1 1/2	178,092	1 1/2	185,819	1 1/2	193,536
3/4	128,399	3/4	136,177	3/4	143,954	3/4	151,726	3/4	155,059	3/4	162,701	3/4	170,410	3/4	178,151	3/4	185,878	3/4	193,595

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2016 CL  
 CALCULATED: 05/05/2016 CL  
 PRINTED: 05/05/2016 JS  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 05/2016

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



# BARGE "JB 1972"

## 2 CENTER INNAGE TABLE

Gauge Height 15'-03 1/4"

Capacities Given in Whole Gallons

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	26	0	10,098	0	21,622	0	32,976	0	44,388	0	55,912	0	67,436	0	78,960	0	90,484	0	102,008
1/4	66	1/4	10,338	1/4	21,862	1/4	33,209	1/4	44,628	1/4	56,152	1/4	67,676	1/4	79,200	1/4	90,724	1/4	102,248
1/2	106	1/2	10,578	1/2	22,102	1/2	33,442	1/2	44,868	1/2	56,392	1/2	67,916	1/2	79,440	1/2	90,964	1/2	102,488
3/4	146	3/4	10,818	3/4	22,342	3/4	33,675	3/4	45,108	3/4	56,632	3/4	68,156	3/4	79,680	3/4	91,204	3/4	102,728
1	186	1	11,058	1	22,582	1	33,908	1	45,348	1	56,872	1	68,396	1	79,920	1	91,444	1	102,968
1/4	306	1/4	11,298	1/4	22,822	1/4	34,141	1/4	45,588	1/4	57,112	1/4	68,636	1/4	80,160	1/4	91,684	1/4	103,209
1/2	426	1/2	11,538	1/2	23,062	1/2	34,374	1/2	45,828	1/2	57,352	1/2	68,876	1/2	80,400	1/2	91,925	1/2	103,449
3/4	546	3/4	11,778	3/4	23,302	3/4	34,607	3/4	46,068	3/4	57,592	3/4	69,116	3/4	80,641	3/4	92,165	3/4	103,689
2	666	2	12,018	2	23,542	2	34,840	2	46,308	2	57,832	2	69,357	2	80,881	2	92,405	2	103,929
1/4	866	1/4	12,259	1/4	23,782	1/4	35,073	1/4	46,548	1/4	58,072	1/4	69,597	1/4	81,121	1/4	92,645	1/4	104,169
1/2	1,066	1/2	12,499	1/2	24,022	1/2	35,306	1/2	46,788	1/2	58,313	1/2	69,837	1/2	81,361	1/2	92,885	1/2	104,409
3/4	1,266	3/4	12,739	3/4	24,262	3/4	35,539	3/4	47,029	3/4	58,553	3/4	70,077	3/4	81,601	3/4	93,125	3/4	104,649
3	1,466	3	12,979	3	24,502	3	35,772	3	47,269	3	58,793	3	70,317	3	81,841	3	93,365	3	104,889
1/4	1,704	1/4	13,219	1/4	24,743	1/4	36,006	1/4	47,509	1/4	59,033	1/4	70,557	1/4	82,081	1/4	93,605	1/4	105,129
1/2	1,942	1/2	13,459	1/2	24,983	1/2	36,239	1/2	47,749	1/2	59,273	1/2	70,797	1/2	82,321	1/2	93,845	1/2	105,369
3/4	2,180	3/4	13,699	3/4	25,223	3/4	36,472	3/4	47,989	3/4	59,513	3/4	71,037	3/4	82,561	3/4	94,085	3/4	105,609
4	2,418	4	13,939	4	25,463	4	36,705	4	48,229	4	59,753	4	71,277	4	82,801	4	94,325	4	105,850
1/4	2,658	1/4	14,179	1/4	25,703	1/4	36,945	1/4	48,469	1/4	59,993	1/4	71,517	1/4	83,041	1/4	94,566	1/4	106,090
1/2	2,897	1/2	14,419	1/2	25,943	1/2	37,185	1/2	48,709	1/2	60,233	1/2	71,757	1/2	83,281	1/2	94,806	1/2	106,330
3/4	3,137	3/4	14,659	3/4	26,183	3/4	37,425	3/4	48,949	3/4	60,473	3/4	71,997	3/4	83,522	3/4	95,046	3/4	106,570
5	3,376	5	14,899	5	26,423	5	37,665	5	49,189	5	60,713	5	72,238	5	83,762	5	95,286	5	106,810
1/4	3,616	1/4	15,139	1/4	26,663	1/4	37,905	1/4	49,429	1/4	60,954	1/4	72,478	1/4	84,002	1/4	95,526	1/4	107,050
1/2	3,856	1/2	15,380	1/2	26,903	1/2	38,145	1/2	49,669	1/2	61,194	1/2	72,718	1/2	84,242	1/2	95,766	1/2	107,290
3/4	4,096	3/4	15,620	3/4	27,143	3/4	38,385	3/4	49,910	3/4	61,434	3/4	72,958	3/4	84,482	3/4	96,006	3/4	107,530
6	4,336	6	15,860	6	27,383	6	38,626	6	50,150	6	61,674	6	73,198	6	84,722	6	96,246	6	107,770
1/4	4,576	1/4	16,100	1/4	27,616	1/4	38,866	1/4	50,390	1/4	61,914	1/4	73,438	1/4	84,962	1/4	96,486	1/4	108,010
1/2	4,816	1/2	16,340	1/2	27,849	1/2	39,106	1/2	50,630	1/2	62,154	1/2	73,678	1/2	85,202	1/2	96,726	1/2	108,250
3/4	5,056	3/4	16,580	3/4	28,082	3/4	39,346	3/4	50,870	3/4	62,394	3/4	73,918	3/4	85,442	3/4	96,966	3/4	108,490
7	5,297	7	16,820	7	28,315	7	39,586	7	51,110	7	62,634	7	74,158	7	85,682	7	97,206	7	108,731
1/4	5,537	1/4	17,060	1/4	28,548	1/4	39,822	1/4	51,350	1/4	62,874	1/4	74,398	1/4	85,922	1/4	97,447	1/4	108,971
1/2	5,777	1/2	17,300	1/2	28,782	1/2	40,066	1/2	51,590	1/2	63,114	1/2	74,638	1/2	86,163	1/2	97,687	1/2	109,211
3/4	6,017	3/4	17,540	3/4	29,015	3/4	40,306	3/4	51,830	3/4	63,354	3/4	74,878	3/4	86,403	3/4	97,927	3/4	109,451
8	6,257	8	17,780	8	29,248	8	40,546	8	52,070	8	63,594	8	75,119	8	86,643	8	98,167	8	109,691
1/4	6,497	1/4	18,020	1/4	29,481	1/4	40,786	1/4	52,310	1/4	63,835	1/4	75,359	1/4	86,883	1/4	98,407	1/4	109,931
1/2	6,737	1/2	18,260	1/2	29,714	1/2	41,026	1/2	52,551	1/2	64,075	1/2	75,599	1/2	87,123	1/2	98,647	1/2	110,171
3/4	6,977	3/4	18,501	3/4	29,947	3/4	41,266	3/4	52,791	3/4	64,315	3/4	75,839	3/4	87,363	3/4	98,887	3/4	110,411
9	7,217	9	18,741	9	30,180	9	41,507	9	53,031	9	64,555	9	76,079	9	87,603	9	99,127	9	110,651
1/4	7,457	1/4	18,981	1/4	30,413	1/4	41,747	1/4	53,271	1/4	64,795	1/4	76,319	1/4	87,843	1/4	99,367	1/4	110,891
1/2	7,697	1/2	19,221	1/2	30,646	1/2	41,987	1/2	53,511	1/2	65,035	1/2	76,559	1/2	88,083	1/2	99,607	1/2	111,131
3/4	7,937	3/4	19,461	3/4	30,879	3/4	42,227	3/4	53,751	3/4	65,275	3/4	76,799	3/4	88,323	3/4	99,847	3/4	111,372
10	8,177	10	19,701	10	31,112	10	42,467	10	53,991	10	65,515	10	77,039	10	88,563	10	100,087	10	111,612
1/4	8,417	1/4	19,941	1/4	31,345	1/4	42,707	1/4	54,231	1/4	65,755	1/4	77,279	1/4	88,803	1/4	100,328	1/4	111,852
1/2	8,657	1/2	20,181	1/2	31,578	1/2	42,947	1/2	54,471	1/2	65,995	1/2	77,519	1/2	89,044	1/2	100,568	1/2	112,092
3/4	8,897	3/4	20,421	3/4	31,811	3/4	43,187	3/4	54,711	3/4	66,235	3/4	77,760	3/4	89,284	3/4	100,808	3/4	112,332
11	9,138	11	20,661	11	32,044	11	43,427	11	54,951	11	66,475	11	78,000	11	89,524	11	101,048	11	112,572
1/4	9,378	1/4	20,901	1/4	32,277	1/4	43,667	1/4	55,191	1/4	66,716	1/4	78,240	1/4	89,764	1/4	101,288	1/4	112,812
1/2	9,618	1/2	21,141	1/2	32,510	1/2	43,907	1/2	55,432	1/2	66,956	1/2	78,480	1/2	90,004	1/2	101,528	1/2	113,052
3/4	9,858	3/4	21,381	3/4	32,743	3/4	44,147	3/4	55,672	3/4	67,196	3/4	78,720	3/4	90,244	3/4	101,768	3/4	113,292

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2082  
Pasadena, Texas 77588  
<http://www.pmacorp.net>



# BARGE "IB 1972"

# 2 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	113,532	0	125,056	0	136,581	0	148,105	0	159,621	0	171,145	0	182,669	0	194,193	0	205,717	0	217,241
1/4	113,772	1/4	125,296	1/4	136,821	1/4	148,345	1/4	159,869	1/4	171,393	1/4	182,917	1/4	194,441	1/4	205,965	1/4	217,489
1/2	114,012	1/2	125,537	1/2	137,061	1/2	148,585	1/2	160,109	1/2	171,633	1/2	183,157	1/2	194,681	1/2	206,205	1/2	217,729
3/4	114,253	3/4	125,777	3/4	137,301	3/4	148,825	3/4	160,271	3/4	171,825	3/4	183,379	3/4	194,933	3/4	206,487	3/4	218,041
1	114,493	1	126,017	1	137,541	1	149,065	1	160,489	1	172,013	1	183,537	1	195,061	1	206,585	1	218,109
1/4	114,733	1/4	126,257	1/4	137,781	1/4	149,305	1/4	160,629	1/4	172,153	1/4	183,677	1/4	195,201	1/4	206,725	1/4	218,249
1/2	114,973	1/2	126,497	1/2	138,021	1/2	149,545	1/2	160,769	1/2	172,293	1/2	183,817	1/2	195,345	1/2	206,873	1/2	218,393
3/4	115,213	3/4	126,737	3/4	138,261	3/4	149,785	3/4	160,909	3/4	172,537	3/4	184,061	3/4	195,585	3/4	207,107	3/4	218,633
2	115,453	2	126,977	2	138,501	2	150,025	2	161,049	2	172,573	2	184,101	2	195,637	2	207,161	2	218,687
1/4	115,693	1/4	127,217	1/4	138,741	1/4	150,265	1/4	161,109	1/4	172,633	1/4	184,161	1/4	195,701	1/4	207,215	1/4	218,741
1/2	115,933	1/2	127,457	1/2	138,981	1/2	150,505	1/2	161,169	1/2	172,693	1/2	184,213	1/2	195,755	1/2	207,269	1/2	218,795
3/4	116,173	3/4	127,697	3/4	139,221	3/4	150,745	3/4	161,229	3/4	172,745	3/4	184,265	3/4	195,809	3/4	207,323	3/4	218,849
3	116,413	3	127,937	3	139,462	3	150,986	3	161,289	3	172,797	3	184,317	3	195,863	3	207,377	3	218,903
1/4	116,653	1/4	128,178	1/4	139,702	1/4	151,226	1/4	161,298	1/4	172,849	1/4	184,369	1/4	195,917	1/4	207,431	1/4	218,957
1/2	116,893	1/2	128,418	1/2	139,942	1/2	151,466	1/2	161,308	1/2	172,899	1/2	184,421	1/2	195,971	1/2	207,485	1/2	219,011
3/4	117,134	3/4	128,658	3/4	140,182	3/4	151,706	3/4	161,318	3/4	172,951	3/4	184,473	3/4	196,025	3/4	207,539	3/4	219,065
4	117,374	4	128,898	4	140,422	4	151,946	4	161,328	4	173,003	4	184,525	4	196,079	4	207,593	4	219,119
1/4	117,614	1/4	129,138	1/4	140,662	1/4	152,186	1/4	161,338	1/4	173,055	1/4	184,577	1/4	196,133	1/4	207,647	1/4	219,173
1/2	117,854	1/2	129,378	1/2	140,902	1/2	152,426	1/2	161,348	1/2	173,107	1/2	184,629	1/2	196,187	1/2	207,701	1/2	219,227
3/4	118,094	3/4	129,618	3/4	141,142	3/4	152,666	3/4	161,358	3/4	173,157	3/4	184,681	3/4	196,241	3/4	207,755	3/4	219,281
5	118,334	5	129,858	5	141,382	5	152,906	5	161,368	5	173,207	5	184,733	5	196,295	5	207,809	5	219,335
1/4	118,574	1/4	130,098	1/4	141,622	1/4	153,146	1/4	161,378	1/4	173,257	1/4	184,785	1/4	196,349	1/4	207,863	1/4	219,389
1/2	118,814	1/2	130,338	1/2	141,862	1/2	153,387	1/2	161,388	1/2	173,307	1/2	184,837	1/2	196,403	1/2	207,917	1/2	219,443
3/4	119,054	3/4	130,578	3/4	142,103	3/4	153,627	3/4	161,398	3/4	173,357	3/4	184,889	3/4	196,457	3/4	207,971	3/4	219,497
6	119,294	6	130,818	6	142,343	6	153,867	6	161,408	6	173,407	6	184,941	6	196,511	6	208,025	6	219,551
1/4	119,534	1/4	131,059	1/4	142,583	1/4	154,107	1/4	161,418	1/4	173,457	1/4	184,993	1/4	196,565	1/4	208,079	1/4	219,605
1/2	119,775	1/2	131,299	1/2	142,823	1/2	154,347	1/2	161,428	1/2	173,507	1/2	185,045	1/2	196,619	1/2	208,133	1/2	219,659
3/4	120,015	3/4	131,539	3/4	143,063	3/4	154,587	3/4	161,438	3/4	173,557	3/4	185,101	3/4	196,673	3/4	208,187	3/4	219,713
7	120,255	7	131,779	7	143,303	7	154,827	7	161,448	7	173,607	7	185,155	7	196,727	7	208,241	7	219,767
1/4	120,495	1/4	132,019	1/4	143,543	1/4	155,067	1/4	161,458	1/4	173,657	1/4	185,209	1/4	196,781	1/4	208,295	1/4	219,821
1/2	120,735	1/2	132,259	1/2	143,783	1/2	155,307	1/2	161,468	1/2	173,707	1/2	185,263	1/2	196,835	1/2	208,349	1/2	219,875
3/4	120,975	3/4	132,499	3/4	144,023	3/4	155,547	3/4	161,478	3/4	173,757	3/4	185,317	3/4	196,889	3/4	208,403	3/4	219,929
8	121,215	8	132,739	8	144,263	8	155,787	8	161,488	8	173,807	8	185,371	8	196,943	8	208,457	8	219,983
1/4	121,455	1/4	132,979	1/4	144,503	1/4	156,027	1/4	161,498	1/4	173,857	1/4	185,425	1/4	197,001	1/4	208,511	1/4	220,037
1/2	121,695	1/2	133,219	1/2	144,743	1/2	156,268	1/2	161,508	1/2	173,907	1/2	185,479	1/2	197,055	1/2	208,565	1/2	220,091
3/4	121,935	3/4	133,459	3/4	144,984	3/4	156,508	3/4	161,518	3/4	173,957	3/4	185,533	3/4	197,109	3/4	208,619	3/4	220,145
9	122,175	9	133,700	9	145,224	9	156,748	9	161,528	9	174,007	9	185,587	9	197,163	9	208,673	9	220,200
1/4	122,415	1/4	133,940	1/4	145,464	1/4	156,988	1/4	161,538	1/4	174,057	1/4	185,641	1/4	197,217	1/4	208,727	1/4	220,254
1/2	122,656	1/2	134,180	1/2	145,704	1/2	157,228	1/2	161,548	1/2	174,107	1/2	185,695	1/2	197,271	1/2	208,781	1/2	220,308
3/4	122,896	3/4	134,420	3/4	145,944	3/4	157,468	3/4	161,558	3/4	174,157	3/4	185,749	3/4	197,325	3/4	208,835	3/4	220,362
10	123,136	10	134,660	10	146,184	10	157,708	10	161,568	10	174,207	10	185,803	10	197,379	10	208,889	10	220,416
1/4	123,376	1/4	134,900	1/4	146,424	1/4	157,948	1/4	161,578	1/4	174,257	1/4	185,857	1/4	197,433	1/4	208,943	1/4	220,470
1/2	123,616	1/2	135,140	1/2	146,664	1/2	158,187	1/2	161,588	1/2	174,307	1/2	185,911	1/2	197,487	1/2	209,001	1/2	220,524
3/4	123,856	3/4	135,380	3/4	146,904	3/4	158,427	3/4	161,598	3/4	174,357	3/4	185,965	3/4	197,541	3/4	209,055	3/4	220,578
11	124,096	11	135,620	11	147,144	11	158,667	11	161,608	11	174,407	11	186,019	11	197,595	11	209,109	11	220,632
1/4	124,336	1/4	135,860	1/4	147,384	1/4	158,905	1/4	161,618	1/4	174,457	1/4	186,073	1/4	197,649	1/4	209,163	1/4	220,686
1/2	124,576	1/2	136,100	1/2	147,624	1/2	159,144	1/2	161,628	1/2	174,507	1/2	186,127	1/2	197,703	1/2	209,217	1/2	220,740
3/4	124,816	3/4	136,340	3/4	147,865	3/4	159,382	3/4	161,638	3/4	174,557	3/4	186,181	3/4	197,757	3/4	209,271	3/4	220,794

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2016 CL  
 CALCULATED: 05/05/2016 CL  
 PRINTED: 05/06/2016 JS  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 05/2016

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



# BARGE "IB 1972"

# 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	26	0	21,454	0	32,878	0	44,306	0	55,741	0	67,176	0	78,611	0	90,046	0	101,481
1/4	66	1/4	21,693	1/4	33,116	1/4	44,544	1/4	55,979	1/4	67,414	1/4	78,849	1/4	90,284	1/4	101,719
1/2	106	1/2	21,931	1/2	33,354	1/2	44,782	1/2	56,218	1/2	67,652	1/2	79,087	1/2	90,522	1/2	101,957
3/4	145	3/4	22,169	3/4	33,591	3/4	45,021	3/4	56,456	3/4	67,891	3/4	79,325	3/4	90,760	3/4	102,195
1	185	1	22,407	1	33,829	1	45,259	1	56,694	1	68,129	1	79,564	1	90,999	1	102,433
1/4	304	1/4	22,645	1/4	34,067	1/4	45,497	1/4	56,932	1/4	68,367	1/4	79,802	1/4	91,237	1/4	102,672
1/2	423	1/2	22,884	1/2	34,305	1/2	45,736	1/2	57,170	1/2	68,605	1/2	80,040	1/2	91,475	1/2	102,910
3/4	542	3/4	23,122	3/4	34,542	3/4	45,974	3/4	57,409	3/4	68,844	3/4	80,278	3/4	91,713	3/4	103,148
2	661	2	23,360	2	34,780	2	46,212	2	57,647	2	69,082	2	80,517	2	91,951	2	103,386
1/4	860	1/4	23,598	1/4	35,018	1/4	46,450	1/4	57,885	1/4	69,320	1/4	80,755	1/4	92,190	1/4	103,625
1/2	1,058	1/2	23,837	1/2	35,256	1/2	46,688	1/2	58,123	1/2	69,558	1/2	80,993	1/2	92,428	1/2	103,863
3/4	1,257	3/4	24,075	3/4	35,494	3/4	46,927	3/4	58,362	3/4	69,796	3/4	81,231	3/4	92,666	3/4	104,101
3	1,455	3	24,313	3	35,732	3	47,165	3	58,600	3	70,035	3	81,470	3	92,904	3	104,339
1/4	1,691	1/4	24,551	1/4	35,969	1/4	47,403	1/4	58,838	1/4	70,273	1/4	81,708	1/4	93,143	1/4	104,578
1/2	1,927	1/2	24,789	1/2	36,207	1/2	47,641	1/2	59,076	1/2	70,511	1/2	81,946	1/2	93,381	1/2	104,816
3/4	2,164	3/4	25,028	3/4	36,445	3/4	47,880	3/4	59,314	3/4	70,749	3/4	82,184	3/4	93,619	3/4	105,054
4	2,400	4	25,266	4	36,683	4	48,118	4	59,553	4	70,988	4	82,422	4	93,857	4	105,292
1/4	2,637	1/4	25,504	1/4	36,921	1/4	48,356	1/4	59,791	1/4	71,226	1/4	82,661	1/4	94,096	1/4	105,530
1/2	2,875	1/2	25,742	1/2	37,159	1/2	48,594	1/2	60,029	1/2	71,464	1/2	82,899	1/2	94,334	1/2	105,769
3/4	3,113	3/4	25,980	3/4	37,398	3/4	48,832	3/4	60,267	3/4	71,702	3/4	83,137	3/4	94,572	3/4	106,007
5	3,350	5	26,219	5	37,636	5	49,071	5	60,506	5	71,940	5	83,375	5	94,810	5	106,245
1/4	3,588	1/4	26,457	1/4	37,874	1/4	49,309	1/4	60,744	1/4	72,179	1/4	83,614	1/4	95,048	1/4	106,483
1/2	3,827	1/2	26,695	1/2	38,112	1/2	49,547	1/2	60,982	1/2	72,417	1/2	83,852	1/2	95,287	1/2	106,722
3/4	4,065	3/4	26,933	3/4	38,351	3/4	49,785	3/4	61,220	3/4	72,655	3/4	84,090	3/4	95,525	3/4	106,960
6	4,303	6	27,172	6	38,589	6	50,024	6	61,458	6	72,893	6	84,328	6	95,763	6	107,198
1/4	4,541	1/4	27,409	1/4	38,827	1/4	50,262	1/4	61,697	1/4	73,132	1/4	84,566	1/4	96,001	1/4	107,436
1/2	4,779	1/2	27,647	1/2	39,065	1/2	50,500	1/2	61,935	1/2	73,370	1/2	84,805	1/2	96,240	1/2	107,674
3/4	5,017	3/4	27,885	3/4	39,303	3/4	50,738	3/4	62,173	3/4	73,608	3/4	85,043	3/4	96,478	3/4	107,913
7	5,256	7	28,123	7	39,542	7	50,977	7	62,411	7	73,846	7	85,281	7	96,716	7	108,151
1/4	5,494	1/4	28,360	1/4	39,780	1/4	51,215	1/4	62,650	1/4	74,085	1/4	85,519	1/4	96,954	1/4	108,389
1/2	5,732	1/2	28,598	1/2	40,018	1/2	51,453	1/2	62,888	1/2	74,323	1/2	85,758	1/2	97,192	1/2	108,627
3/4	5,970	3/4	28,836	3/4	40,256	3/4	51,691	3/4	63,126	3/4	74,561	3/4	85,996	3/4	97,431	3/4	108,866
8	6,209	8	29,074	8	40,495	8	51,929	8	63,364	8	74,799	8	86,234	8	97,669	8	109,104
1/4	6,447	1/4	29,312	1/4	40,733	1/4	52,168	1/4	63,603	1/4	75,037	1/4	86,472	1/4	97,907	1/4	109,342
1/2	6,685	1/2	29,549	1/2	40,971	1/2	52,406	1/2	63,841	1/2	75,276	1/2	86,711	1/2	98,145	1/2	109,580
3/4	6,923	3/4	29,787	3/4	41,209	3/4	52,644	3/4	64,079	3/4	75,514	3/4	86,949	3/4	98,384	3/4	109,818
9	7,161	9	30,025	9	41,447	9	52,882	9	64,317	9	75,752	9	87,187	9	98,622	9	110,057
1/4	7,400	1/4	30,263	1/4	41,686	1/4	53,121	1/4	64,555	1/4	75,990	1/4	87,425	1/4	98,860	1/4	110,295
1/2	7,638	1/2	30,500	1/2	41,924	1/2	53,359	1/2	64,793	1/2	76,229	1/2	87,663	1/2	99,098	1/2	110,533
3/4	7,876	3/4	30,738	3/4	42,162	3/4	53,597	3/4	65,032	3/4	76,467	3/4	87,902	3/4	99,337	3/4	110,771
10	8,114	10	30,976	10	42,400	10	53,835	10	65,270	10	76,705	10	88,140	10	99,575	10	111,010
1/4	8,352	1/4	31,214	1/4	42,639	1/4	54,073	1/4	65,508	1/4	76,943	1/4	88,378	1/4	99,813	1/4	111,248
1/2	8,591	1/2	31,451	1/2	42,877	1/2	54,312	1/2	65,747	1/2	77,181	1/2	88,616	1/2	100,051	1/2	111,486
3/4	8,829	3/4	31,689	3/4	43,115	3/4	54,550	3/4	65,985	3/4	77,420	3/4	88,855	3/4	100,289	3/4	111,724
11	9,067	11	31,927	11	43,353	11	54,788	11	66,223	11	77,658	11	89,093	11	100,528	11	111,963
1/4	9,305	1/4	32,165	1/4	43,591	1/4	55,026	1/4	66,461	1/4	77,896	1/4	89,331	1/4	100,766	1/4	112,201
1/2	9,543	1/2	32,403	1/2	43,830	1/2	55,265	1/2	66,699	1/2	78,134	1/2	89,569	1/2	101,004	1/2	112,439
3/4	9,782	3/4	32,640	3/4	44,068	3/4	55,503	3/4	66,938	3/4	78,373	3/4	89,807	3/4	101,242	3/4	112,677

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'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "IB 1972"

# 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	112,915	0	124,350	0	135,785	0	147,220	0	158,647	0	170,074	0	181,501	0	192,928	0	204,355	0	215,782
1/4	113,154	1/4	124,589	1/4	136,023	1/4	147,458	1/4	158,862	1/4	170,276	1/4	181,680	1/4	193,084	1/4	204,488	1/4	215,892
1/2	113,392	1/2	124,827	1/2	136,262	1/2	147,697	1/2	159,077	1/2	170,452	1/2	181,822	1/2	193,192	1/2	204,562	1/2	215,932
3/4	113,630	3/4	125,065	3/4	136,500	3/4	147,935	3/4	159,292	3/4	170,717	3/4	182,087	3/4	193,457	3/4	204,827	3/4	216,172
1	113,868	1	125,303	1	136,738	1	148,173	1	159,507	1	170,942	1	182,312	1	193,682	1	205,052	1	216,417
1/4	114,107	1/4	125,541	1/4	136,976	1/4	148,411	1/4	159,745	1/4	171,180	1/4	182,550	1/4	193,920	1/4	205,292	1/4	216,662
1/2	114,345	1/2	125,780	1/2	137,215	1/2	148,649	1/2	159,985	1/2	171,418	1/2	182,788	1/2	194,158	1/2	205,527	1/2	216,907
3/4	114,583	3/4	126,018	3/4	137,453	3/4	148,888	3/4	159,924	3/4	171,656	3/4	183,026	3/4	194,396	3/4	205,762	3/4	217,152
2	114,821	2	126,256	2	137,691	2	149,126	2	160,063	2	171,894	2	183,264	2	194,634	2	206,000	2	217,397
1/4	115,059	1/4	126,494	1/4	137,929	1/4	149,364	1/4	160,123	1/4	172,132	1/4	183,402	1/4	194,872	1/4	206,245	1/4	217,642
1/2	115,298	1/2	126,733	1/2	138,167	1/2	149,602	1/2	160,182	1/2	172,370	1/2	183,540	1/2	195,110	1/2	206,490	1/2	217,887
3/4	115,536	3/4	126,971	3/4	138,406	3/4	149,841	3/4	160,242	3/4	172,608	3/4	183,678	3/4	195,348	3/4	206,735	3/4	218,132
3	115,774	3	127,209	3	138,644	3	150,079	3	160,301	3	172,846	3	183,816	3	195,586	3	206,980	3	218,377
1/4	116,012	1/4	127,447	1/4	138,882	1/4	150,317	1/4	160,311	1/4	173,084	1/4	184,054	1/4	195,824	1/4	207,225	1/4	218,622
1/2	116,251	1/2	127,685	1/2	139,120	1/2	150,555	1/2	160,311	1/2	173,322	1/2	184,292	1/2	196,062	1/2	207,470	1/2	218,867
3/4	116,489	3/4	127,924	3/4	139,359	3/4	150,793	3/4	160,311	3/4	173,560	3/4	184,530	3/4	196,300	3/4	207,715	3/4	219,112
4	116,727	4	128,162	4	139,597	4	151,032	4	160,311	4	173,798	4	184,768	4	196,538	4	207,960	4	219,357
1/4	116,965	1/4	128,400	1/4	139,835	1/4	151,270	1/4	160,311	1/4	174,036	1/4	185,006	1/4	196,776	1/4	208,208	1/4	219,602
1/2	117,204	1/2	128,638	1/2	140,073	1/2	151,508	1/2	160,311	1/2	174,274	1/2	185,244	1/2	197,014	1/2	208,453	1/2	219,847
3/4	117,442	3/4	128,877	3/4	140,311	3/4	151,746	3/4	160,311	3/4	174,512	3/4	185,482	3/4	197,252	3/4	208,703	3/4	220,092
5	117,680	5	129,115	5	140,550	5	151,985	5	160,311	5	174,750	5	185,720	5	197,490	5	208,953	5	220,337
1/4	117,918	1/4	129,353	1/4	140,788	1/4	152,223	1/4	160,311	1/4	175,000	1/4	185,958	1/4	197,730	1/4	209,203	1/4	220,582
1/2	118,156	1/2	129,591	1/2	141,026	1/2	152,461	1/2	160,311	1/2	175,238	1/2	186,206	1/2	197,970	1/2	209,453	1/2	220,827
3/4	118,395	3/4	129,830	3/4	141,264	3/4	152,699	3/4	160,311	3/4	175,476	3/4	186,444	3/4	198,210	3/4	209,703	3/4	221,072
6	118,633	6	130,068	6	141,503	6	152,938	6	160,311	6	175,714	6	186,682	6	198,450	6	209,953	6	221,317
1/4	118,871	1/4	130,306	1/4	141,741	1/4	153,176	1/4	160,311	1/4	175,952	1/4	186,920	1/4	198,690	1/4	210,203	1/4	221,562
1/2	119,109	1/2	130,544	1/2	141,979	1/2	153,414	1/2	160,311	1/2	176,190	1/2	187,158	1/2	198,930	1/2	210,453	1/2	221,807
3/4	119,348	3/4	130,782	3/4	142,217	3/4	153,652	3/4	160,311	3/4	176,428	3/4	187,406	3/4	199,170	3/4	210,703	3/4	222,052
7	119,586	7	131,021	7	142,456	7	153,890	7	160,311	7	176,666	7	187,644	7	199,410	7	210,953	7	222,297
1/4	119,824	1/4	131,259	1/4	142,694	1/4	154,129	1/4	160,311	1/4	176,904	1/4	187,882	1/4	199,650	1/4	211,203	1/4	222,542
1/2	120,062	1/2	131,497	1/2	142,932	1/2	154,367	1/2	160,311	1/2	177,142	1/2	188,120	1/2	199,890	1/2	211,453	1/2	222,787
3/4	120,300	3/4	131,735	3/4	143,170	3/4	154,605	3/4	160,311	3/4	177,380	3/4	188,358	3/4	200,130	3/4	211,703	3/4	223,032
8	120,539	8	131,974	8	143,408	8	154,843	8	160,311	8	177,618	8	188,596	8	200,370	8	211,953	8	223,277
1/4	120,777	1/4	132,212	1/4	143,647	1/4	155,082	1/4	160,311	1/4	177,856	1/4	188,834	1/4	200,610	1/4	212,203	1/4	223,522
1/2	121,015	1/2	132,450	1/2	143,885	1/2	155,320	1/2	160,311	1/2	178,094	1/2	189,072	1/2	200,850	1/2	212,453	1/2	223,767
3/4	121,253	3/4	132,688	3/4	144,123	3/4	155,558	3/4	160,311	3/4	178,332	3/4	189,310	3/4	201,090	3/4	212,703	3/4	224,012
9	121,492	9	132,926	9	144,361	9	155,796	9	160,311	9	178,570	9	189,548	9	201,330	9	212,953	9	224,257
1/4	121,730	1/4	133,165	1/4	144,600	1/4	156,034	1/4	160,311	1/4	178,808	1/4	189,786	1/4	201,570	1/4	213,203	1/4	224,502
1/2	121,968	1/2	133,403	1/2	144,838	1/2	156,273	1/2	160,311	1/2	179,046	1/2	190,024	1/2	201,810	1/2	213,453	1/2	224,747
3/4	122,206	3/4	133,641	3/4	145,076	3/4	156,511	3/4	160,311	3/4	179,284	3/4	190,262	3/4	202,050	3/4	213,703	3/4	224,992
10	122,445	10	133,879	10	145,314	10	156,749	10	160,311	10	179,522	10	190,500	10	202,290	10	213,953	10	225,237
1/4	122,683	1/4	134,118	1/4	145,552	1/4	156,987	1/4	160,311	1/4	179,760	1/4	190,738	1/4	202,530	1/4	214,203	1/4	225,482
1/2	122,921	1/2	134,356	1/2	145,791	1/2	157,225	1/2	160,311	1/2	180,000	1/2	191,000	1/2	202,780	1/2	214,453	1/2	225,727
3/4	123,159	3/4	134,594	3/4	146,029	3/4	157,462	3/4	160,311	3/4	180,240	3/4	191,240	3/4	203,030	3/4	214,703	3/4	225,972
11	123,397	11	134,832	11	146,267	11	157,700	11	160,311	11	180,480	11	191,480	11	203,280	11	214,953	11	226,217
1/4	123,636	1/4	135,071	1/4	146,505	1/4	157,937	1/4	160,311	1/4	180,720	1/4	191,720	1/4	203,530	1/4	215,203	1/4	226,462
1/2	123,874	1/2	135,309	1/2	146,744	1/2	158,174	1/2	160,311	1/2	180,960	1/2	191,960	1/2	203,780	1/2	215,453	1/2	226,707
3/4	124,112	3/4	135,547	3/4	146,982	3/4	158,410	3/4	160,311	3/4	181,200	3/4	192,200	3/4	204,030	3/4	215,703	3/4	226,952

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2016 CL  
CALCULATED: 05/05/2016 CL  
PRINTED: 05/06/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2016

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