



BARGE "IB 1971"

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	- 00-5/8	00-5/8	- 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 1971"

**1 CENTER
INNAGE TABLE**

GAUGE HEIGHT 15'-03 1/2"

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	10,176	0	22,178	0	34,020	0	45,911	0	57,907	0	69,885	0	81,886	0	93,888	0	105,889
1/4	68	1/4	10,426	1/4	22,428	1/4	34,264	1/4	46,161	1/4	58,156	1/4	70,135	1/4	82,136	1/4	94,138	1/4	106,139
1/2	110	1/2	10,676	1/2	22,678	1/2	34,507	1/2	46,411	1/2	58,406	1/2	70,385	1/2	82,387	1/2	94,388	1/2	106,389
3/4	152	3/4	10,926	3/4	22,928	3/4	34,750	3/4	46,661	3/4	58,655	3/4	70,635	3/4	82,637	3/4	94,638	3/4	106,639
1	193	1	11,176	1	23,178	1	34,994	1	46,911	1	58,905	1	70,885	1	82,887	1	94,888	1	106,889
1/4	285	1/4	11,426	1/4	23,429	1/4	35,237	1/4	47,161	1/4	59,154	1/4	71,135	1/4	83,137	1/4	95,138	1/4	107,139
1/2	377	1/2	11,676	1/2	23,679	1/2	35,480	1/2	47,411	1/2	59,404	1/2	71,385	1/2	83,387	1/2	95,388	1/2	107,389
3/4	469	3/4	11,926	3/4	23,929	3/4	35,724	3/4	47,661	3/4	59,653	3/4	71,635	3/4	83,637	3/4	95,638	3/4	107,639
1	561	1	12,176	1	24,179	1	35,967	1	47,911	1	59,902	1	71,885	1	83,887	1	95,888	1	107,889
1/4	726	1/4	12,426	1/4	24,429	1/4	36,211	1/4	48,161	1/4	60,152	1/4	72,135	1/4	84,137	1/4	96,138	1/4	108,139
1/2	890	1/2	12,677	1/2	24,679	1/2	36,454	1/2	48,411	1/2	60,401	1/2	72,385	1/2	84,387	1/2	96,388	1/2	108,389
3/4	1,054	3/4	12,927	3/4	24,929	3/4	36,698	3/4	48,660	3/4	60,651	3/4	72,635	3/4	84,637	3/4	96,638	3/4	108,639
1	1,219	1	13,177	1	25,179	1	36,941	1	48,910	1	60,900	1	72,885	1	84,887	1	96,888	1	108,889
1/4	1,456	1/4	13,427	1/4	25,429	1/4	37,184	1/4	49,160	1/4	61,150	1/4	73,135	1/4	85,137	1/4	97,138	1/4	109,140
1/2	1,693	1/2	13,677	1/2	25,679	1/2	37,428	1/2	49,410	1/2	61,399	1/2	73,385	1/2	85,387	1/2	97,388	1/2	109,390
3/4	1,930	3/4	13,927	3/4	25,929	3/4	37,671	3/4	49,660	3/4	61,649	3/4	73,635	3/4	85,637	3/4	97,638	3/4	109,640
1	2,168	1	14,177	1	26,179	1	37,914	1	49,910	1	61,898	1	73,885	1	85,887	1	97,888	1	109,890
1/4	2,418	1/4	14,427	1/4	26,429	1/4	38,164	1/4	50,160	1/4	62,147	1/4	74,135	1/4	86,137	1/4	98,138	1/4	110,140
1/2	2,668	1/2	14,677	1/2	26,679	1/2	38,414	1/2	50,410	1/2	62,397	1/2	74,385	1/2	86,387	1/2	98,388	1/2	110,390
3/4	2,917	3/4	14,927	3/4	26,929	3/4	38,664	3/4	50,660	3/4	62,646	3/4	74,635	3/4	86,637	3/4	98,638	3/4	110,640
1	3,167	1	15,177	1	27,179	1	38,914	1	50,910	1	62,896	1	74,885	1	86,887	1	98,888	1	110,890
1/4	3,418	1/4	15,427	1/4	27,429	1/4	39,164	1/4	51,160	1/4	63,145	1/4	75,135	1/4	87,137	1/4	99,138	1/4	111,140
1/2	3,668	1/2	15,677	1/2	27,679	1/2	39,414	1/2	51,409	1/2	63,395	1/2	75,385	1/2	87,387	1/2	99,388	1/2	111,390
3/4	3,919	3/4	15,927	3/4	27,929	3/4	39,664	3/4	51,659	3/4	63,644	3/4	75,636	3/4	87,637	3/4	99,638	3/4	111,640
1	4,169	1	16,177	1	28,179	1	39,914	1	51,909	1	63,893	1	75,886	1	87,887	1	99,888	1	111,890
1/4	4,420	1/4	16,427	1/4	28,429	1/4	40,164	1/4	52,159	1/4	64,143	1/4	76,136	1/4	88,137	1/4	100,138	1/4	112,140
1/2	4,670	1/2	16,677	1/2	28,679	1/2	40,414	1/2	52,409	1/2	64,392	1/2	76,386	1/2	88,387	1/2	100,388	1/2	112,390
3/4	4,921	3/4	16,927	3/4	28,929	3/4	40,663	3/4	52,659	3/4	64,642	3/4	76,636	3/4	88,637	3/4	100,638	3/4	112,640
1	5,171	1	17,177	1	29,179	1	40,913	1	52,909	1	64,891	1	76,886	1	88,887	1	100,888	1	112,890
1/4	5,422	1/4	17,427	1/4	29,429	1/4	41,163	1/4	53,159	1/4	65,141	1/4	77,136	1/4	89,138	1/4	101,138	1/4	113,140
1/2	5,672	1/2	17,677	1/2	29,679	1/2	41,413	1/2	53,409	1/2	65,390	1/2	77,386	1/2	89,388	1/2	101,388	1/2	113,390
3/4	5,923	3/4	17,927	3/4	29,929	3/4	41,663	3/4	53,659	3/4	65,640	3/4	77,636	3/4	89,638	3/4	101,638	3/4	113,640
1	6,173	1	18,178	1	30,179	1	41,913	1	53,908	1	65,889	1	77,886	1	89,888	1	101,888	1	113,890
1/4	6,423	1/4	18,428	1/4	30,429	1/4	42,163	1/4	54,158	1/4	66,138	1/4	78,136	1/4	90,138	1/4	102,139	1/4	114,140
1/2	6,673	1/2	18,678	1/2	30,679	1/2	42,413	1/2	54,408	1/2	66,388	1/2	78,386	1/2	90,388	1/2	102,389	1/2	114,390
3/4	6,923	3/4	18,928	3/4	30,886	3/4	42,663	3/4	54,658	3/4	66,637	3/4	78,636	3/4	90,638	3/4	102,639	3/4	114,640
1	7,173	1	19,178	1	31,100	1	42,913	1	54,908	1	66,887	1	78,886	1	90,888	1	102,889	1	114,890
1/4	7,424	1/4	19,428	1/4	31,343	1/4	43,162	1/4	55,158	1/4	67,136	1/4	79,136	1/4	91,138	1/4	103,139	1/4	115,140
1/2	7,674	1/2	19,678	1/2	31,587	1/2	43,412	1/2	55,408	1/2	67,386	1/2	79,386	1/2	91,388	1/2	103,389	1/2	115,390
3/4	7,924	3/4	19,928	3/4	31,830	3/4	43,662	3/4	55,658	3/4	67,635	3/4	79,636	3/4	91,638	3/4	103,639	3/4	115,640
1	8,175	1	20,178	1	32,073	1	43,912	1	55,908	1	67,884	1	79,886	1	91,888	1	103,889	1	115,890
1/4	8,425	1/4	20,428	1/4	32,317	1/4	44,162	1/4	56,158	1/4	68,134	1/4	80,136	1/4	92,138	1/4	104,139	1/4	116,141
1/2	8,675	1/2	20,678	1/2	32,560	1/2	44,412	1/2	56,408	1/2	68,385	1/2	80,386	1/2	92,388	1/2	104,389	1/2	116,391
3/4	8,925	3/4	20,928	3/4	32,803	3/4	44,662	3/4	56,657	3/4	68,635	3/4	80,636	3/4	92,638	3/4	104,639	3/4	116,641
1	9,176	1	21,178	1	33,047	1	44,912	1	56,907	1	68,885	1	80,886	1	92,888	1	104,889	1	116,891
1/4	9,426	1/4	21,428	1/4	33,290	1/4	45,162	1/4	57,157	1/4	69,135	1/4	81,136	1/4	93,138	1/4	105,139	1/4	117,141
1/2	9,676	1/2	21,678	1/2	33,534	1/2	45,412	1/2	57,407	1/2	69,385	1/2	81,386	1/2	93,388	1/2	105,389	1/2	117,392
3/4	9,926	3/4	21,928	3/4	33,777	3/4	45,662	3/4	57,657	3/4	69,635	3/4	81,636	3/4	93,638	3/4	105,639	3/4	117,642

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS 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 31'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1971"

1 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-03 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	117,893	0	128,501	0	136,276	0	144,050	0	151,816	0
1/4	118,143	1/4	128,663	1/4	136,438	1/4	144,212	1/4	151,954	1/4
1/2	118,394	1/2	128,825	1/2	136,600	1/2	144,374	1/2	152,091	1/2
3/4	118,644	3/4	128,987	3/4	136,762	3/4	144,536	3/4	152,229	3/4
1	118,895	1	129,149	1	136,924	1	144,698	1	152,366	1
1/4	119,145	1/4	129,311	1/4	137,085	1/4	144,860	1/4	152,424	1/4
1/2	119,396	1/2	129,473	1/2	137,247	1/2	145,022	1/2	152,481	1/2
3/4	119,646	3/4	129,635	3/4	137,409	3/4	145,184	3/4	152,539	3/4
2	119,897	2	129,797	2	137,571	2	145,346	2	152,597	2
1/4	120,148	1/4	129,959	1/4	137,733	1/4	145,508	1/4	152,659	1/4
1/2	120,398	1/2	130,121	1/2	137,895	1/2	145,670	1/2	152,722	1/2
3/4	120,649	3/4	130,283	3/4	138,057	3/4	145,832	3/4	152,785	3/4
3	120,899	3	130,445	3	138,219	3	145,994	3	152,847	3
1/4	121,150	1/4	130,607	1/4	138,381	1/4	146,156	1/4	152,858	1/4
1/2	121,400	1/2	130,769	1/2	138,543	1/2	146,318	1/2	152,858	1/2
3/4	121,651	3/4	130,931	3/4	138,705	3/4	146,479	3/4	152,858	3/4
4	121,901	4	131,093	4	138,867	4	146,641	4	152,858	4
1/4	122,152	1/4	131,255	1/4	139,029	1/4	146,803	1/4	152,858	1/4
1/2	122,402	1/2	131,417	1/2	139,191	1/2	146,965	1/2	152,858	1/2
3/4	122,653	3/4	131,579	3/4	139,353	3/4	147,127	3/4	152,858	3/4
5	122,903	5	131,741	5	139,515	5	147,289	5	152,858	5
1/4	123,154	1/4	131,903	1/4	139,677	1/4	147,451	1/4	152,858	1/4
1/2	123,404	1/2	132,065	1/2	139,839	1/2	147,613	1/2	152,858	1/2
3/4	123,655	3/4	132,227	3/4	140,001	3/4	147,775	3/4	152,858	3/4
6	123,906	6	132,388	6	140,163	6	147,937	6	152,858	6
1/4	124,156	1/4	132,550	1/4	140,325	1/4	148,099	1/4	152,858	1/4
1/2	124,407	1/2	132,712	1/2	140,487	1/2	148,261	1/2	152,858	1/2
3/4	124,657	3/4	132,874	3/4	140,649	3/4	148,423	3/4	152,858	3/4
7	124,908	7	133,036	7	140,811	7	148,585	7	152,858	7
1/4	125,158	1/4	133,198	1/4	140,973	1/4	148,747	1/4	152,858	1/4
1/2	125,409	1/2	133,360	1/2	141,135	1/2	148,909	1/2	152,858	1/2
3/4	125,659	3/4	133,522	3/4	141,297	3/4	149,071	3/4	152,858	3/4
8	125,910	8	133,684	8	141,459	8	149,233	8	152,858	8
1/4	126,072	1/4	133,846	1/4	141,621	1/4	149,395	1/4	152,858	1/4
1/2	126,234	1/2	134,008	1/2	141,782	1/2	149,557	1/2	152,858	1/2
3/4	126,396	3/4	134,170	3/4	141,944	3/4	149,719	3/4	152,858	3/4
9	126,558	9	134,332	9	142,106	9	149,881	9	152,858	9
1/4	126,720	1/4	134,494	1/4	142,268	1/4	150,043	1/4	152,858	1/4
1/2	126,882	1/2	134,656	1/2	142,430	1/2	150,205	1/2	152,858	1/2
3/4	127,044	3/4	134,818	3/4	142,592	3/4	150,367	3/4	152,858	3/4
10	127,206	10	134,980	10	142,754	10	150,528	10	152,858	10
1/4	127,368	1/4	135,142	1/4	142,916	1/4	150,690	1/4	152,858	1/4
1/2	127,530	1/2	135,304	1/2	143,078	1/2	150,852	1/2	152,858	1/2
3/4	127,691	3/4	135,466	3/4	143,240	3/4	151,013	3/4	152,858	3/4
11	127,853	11	135,628	11	143,402	11	151,175	11	152,858	11
1/4	128,015	1/4	135,790	1/4	143,564	1/4	151,335	1/4	152,858	1/4
1/2	128,177	1/2	135,952	1/2	143,726	1/2	151,495	1/2	152,858	1/2
3/4	128,339	3/4	136,114	3/4	143,888	3/4	151,656	3/4	152,858	3/4

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.
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BARGE "IB 1971"

2 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	26	10,104	21,635	32,997	44,416	55,947	67,478	79,010	90,541	102,072
1/4	66	10,344	21,875	33,230	44,656	56,187	67,719	79,250	90,781	102,313
1/2	106	10,585	22,116	33,463	44,896	56,427	67,959	79,490	91,022	102,553
3/4	146	10,825	22,356	33,696	45,136	56,668	68,199	79,730	91,262	102,793
1	186	11,065	22,596	33,929	45,377	56,908	68,439	79,971	91,502	103,033
1/4	406	11,305	22,836	34,163	45,617	57,148	68,680	80,211	91,742	103,274
1/2	427	11,546	23,077	34,396	45,857	57,388	68,920	80,451	91,983	103,514
3/4	547	11,786	23,317	34,629	46,097	57,629	69,160	80,691	92,223	103,754
2	667	12,026	23,557	34,862	46,337	57,869	69,400	80,932	92,463	103,994
1/4	867	12,266	23,797	35,095	46,578	58,109	69,640	81,172	92,703	104,235
1/2	1,067	12,506	24,037	35,329	46,818	58,349	69,881	81,412	92,943	104,475
3/4	1,267	12,747	24,278	35,562	47,058	58,590	70,121	81,652	93,184	104,715
3	1,467	12,987	24,518	35,795	47,298	58,830	70,361	81,893	93,424	104,955
1/4	1,705	13,227	24,758	36,028	47,539	59,070	70,601	82,133	93,664	105,196
1/2	1,943	13,467	24,998	36,262	47,779	59,310	70,842	82,373	93,904	105,436
3/4	2,182	13,708	25,239	36,495	48,019	59,551	71,082	82,613	94,145	105,676
4	2,420	13,948	25,479	36,728	48,259	59,791	71,322	82,854	94,385	105,916
1/4	2,659	14,188	25,719	36,968	48,500	60,031	71,562	83,094	94,625	106,157
1/2	2,899	14,428	25,959	37,208	48,740	60,271	71,803	83,334	94,865	106,397
3/4	3,139	14,669	26,199	37,449	48,980	60,511	72,043	83,574	95,106	106,637
5	3,378	14,909	26,440	37,689	49,220	60,752	72,283	83,814	95,346	106,877
1/4	3,618	15,149	26,680	37,929	49,461	60,992	72,523	84,055	95,586	107,117
1/2	3,859	15,389	26,920	38,169	49,701	61,232	72,764	84,295	95,826	107,358
3/4	4,099	15,629	27,160	38,410	49,941	61,472	73,004	84,535	96,067	107,598
6	4,339	15,870	27,401	38,650	50,181	61,713	73,244	84,775	96,307	107,838
1/4	4,579	16,110	27,634	38,890	50,421	61,954	73,484	85,016	96,547	108,078
1/2	4,819	16,350	27,867	39,130	50,662	62,193	73,725	85,256	96,787	108,319
3/4	5,060	16,590	28,100	39,371	50,902	62,433	73,965	85,496	97,028	108,559
7	5,300	16,831	28,333	39,611	51,142	62,674	74,205	85,736	97,268	108,799
1/4	5,540	17,071	28,566	39,851	51,382	62,914	74,445	85,977	97,508	109,039
1/2	5,780	17,311	28,800	40,091	51,623	63,154	74,685	86,217	97,748	109,280
3/4	6,020	17,551	29,033	40,332	51,863	63,394	74,926	86,457	97,988	109,520
8	6,261	17,792	29,266	40,572	52,103	63,635	75,166	86,697	98,229	109,760
1/4	6,501	18,032	29,499	40,812	52,343	63,875	75,406	86,938	98,469	110,000
1/2	6,741	18,272	29,732	41,052	52,584	64,115	75,646	87,178	98,709	110,241
3/4	6,981	18,512	29,966	41,292	52,824	64,355	75,887	87,418	98,949	110,481
9	7,222	18,752	30,199	41,533	53,064	64,595	76,127	87,658	99,190	110,721
1/4	7,462	18,993	30,432	41,773	53,304	64,836	76,367	87,899	99,430	110,961
1/2	7,702	19,233	30,665	42,013	53,545	65,076	76,607	88,139	99,670	111,202
3/4	7,942	19,473	30,898	42,253	53,785	65,316	76,848	88,379	99,910	111,442
10	8,182	19,713	31,131	42,494	54,025	65,556	77,088	88,619	100,151	111,682
1/4	8,423	19,954	31,365	42,734	54,265	65,797	77,328	88,859	100,391	111,922
1/2	8,663	20,194	31,598	42,974	54,506	66,037	77,568	89,100	100,631	112,162
3/4	8,903	20,434	31,831	43,214	54,746	66,277	77,809	89,340	100,871	112,403
11	9,143	20,674	32,064	43,455	54,986	66,517	78,049	89,580	101,112	112,643
1/4	9,384	20,914	32,297	43,695	55,226	66,758	78,289	89,820	101,352	112,883
1/2	9,624	21,155	32,530	43,935	55,466	66,998	78,529	90,061	101,592	113,123
3/4	9,864	21,395	32,764	44,175	55,707	67,238	78,769	90,301	101,832	113,364

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 2092

Pearland, Texas 77588

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BARGE "IB 1971"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	IN	OUT
0	113,604	0	125,135	0	136,667	0	148,198	0	159,721	0	171,244	0	182,767	0	194,290	0	205,813	0	217,336		
1/4	113,844	1/4	125,376	1/4	136,907	1/4	148,438	1/4	159,938	1/4	171,438	1/4	182,938	1/4	194,438	1/4	205,938	1/4	217,438		
1/2	114,084	1/2	125,616	1/2	137,147	1/2	148,679	1/2	160,155	1/2	171,655	1/2	183,155	1/2	194,655	1/2	206,155	1/2	217,655		
3/4	114,325	3/4	125,856	3/4	137,387	3/4	148,919	3/4	160,372	3/4	171,844	3/4	183,316	3/4	194,788	3/4	206,260	3/4	217,735		
1	114,565	1	126,096	1	137,628	1	149,159	1	160,589	1	172,051	1	183,513	1	194,975	1	206,437	1	217,899		
1/4	114,805	1/4	126,336	1/4	137,868	1/4	149,399	1/4	160,729	1/4	172,170	1/4	183,632	1/4	195,094	1/4	206,559	1/4	218,021		
1/2	115,045	1/2	126,577	1/2	138,108	1/2	149,639	1/2	160,869	1/2	172,311	1/2	183,773	1/2	195,235	1/2	206,699	1/2	218,161		
3/4	115,286	3/4	126,817	3/4	138,348	3/4	149,880	3/4	161,009	3/4	172,452	3/4	183,914	3/4	195,378	3/4	206,839	3/4	218,293		
2	115,526	2	127,057	2	138,589	2	150,120	2	161,149	2	172,591	2	184,052	2	195,519	2	206,978	2	218,433		
1/4	115,766	1/4	127,297	1/4	138,829	1/4	150,360	1/4	161,208	1/4	172,650	1/4	184,112	1/4	195,578	1/4	207,037	1/4	218,573		
1/2	116,006	1/2	127,538	1/2	139,069	1/2	150,600	1/2	161,270	1/2	172,711	1/2	184,173	1/2	195,637	1/2	207,097	1/2	218,713		
3/4	116,246	3/4	127,778	3/4	139,309	3/4	150,841	3/4	161,330	3/4	172,771	3/4	184,233	3/4	195,697	3/4	207,157	3/4	218,853		
3	116,487	3	128,018	3	139,550	3	151,081	3	161,390	3	172,831	3	184,293	3	195,757	3	207,217	3	218,913		
1/4	116,727	1/4	128,258	1/4	139,790	1/4	151,321	1/4	161,400	1/4	172,891	1/4	184,353	1/4	195,817	1/4	207,277	1/4	219,013		
1/2	116,967	1/2	128,499	1/2	140,030	1/2	151,561	1/2	161,410	1/2	172,951	1/2	184,413	1/2	195,877	1/2	207,337	1/2	219,113		
3/4	117,207	3/4	128,739	3/4	140,270	3/4	151,802	3/4	161,420	3/4	173,011	3/4	184,473	3/4	195,937	3/4	207,397	3/4	219,213		
4	117,448	4	128,979	4	140,510	4	152,042	4	161,430	4	173,071	4	184,533	4	196,000	4	207,457	4	219,313		
1/4	117,688	1/4	129,219	1/4	140,751	1/4	152,282	1/4	161,440	1/4	173,131	1/4	184,593	1/4	196,060	1/4	207,517	1/4	219,413		
1/2	117,928	1/2	129,460	1/2	140,991	1/2	152,522	1/2	161,450	1/2	173,191	1/2	184,653	1/2	196,120	1/2	207,577	1/2	219,513		
3/4	118,168	3/4	129,700	3/4	141,231	3/4	152,763	3/4	161,460	3/4	173,251	3/4	184,713	3/4	196,180	3/4	207,637	3/4	219,613		
5	118,409	5	129,940	5	141,471	5	153,003	5	161,470	5	173,311	5	184,773	5	196,240	5	207,697	5	219,713		
1/4	118,649	1/4	130,180	1/4	141,712	1/4	153,243	1/4	161,480	1/4	173,371	1/4	184,833	1/4	196,300	1/4	207,757	1/4	219,813		
1/2	118,889	1/2	130,420	1/2	141,952	1/2	153,483	1/2	161,490	1/2	173,431	1/2	184,893	1/2	196,360	1/2	207,817	1/2	219,913		
3/4	119,129	3/4	130,661	3/4	142,192	3/4	153,723	3/4	161,500	3/4	173,491	3/4	184,953	3/4	196,420	3/4	207,877	3/4	220,013		
6	119,370	6	130,901	6	142,432	6	153,964	6	161,510	6	173,551	6	185,013	6	196,480	6	207,937	6	220,113		
1/4	119,610	1/4	131,141	1/4	142,673	1/4	154,204	1/4	161,520	1/4	173,611	1/4	185,073	1/4	196,540	1/4	208,000	1/4	220,213		
1/2	119,850	1/2	131,381	1/2	142,913	1/2	154,444	1/2	161,530	1/2	173,671	1/2	185,133	1/2	196,600	1/2	208,060	1/2	220,313		
3/4	120,090	3/4	131,622	3/4	143,153	3/4	154,684	3/4	161,540	3/4	173,731	3/4	185,193	3/4	196,660	3/4	208,120	3/4	220,413		
7	120,331	7	131,862	7	143,393	7	154,925	7	161,550	7	173,791	7	185,253	7	196,720	7	208,180	7	220,513		
1/4	120,571	1/4	132,102	1/4	143,634	1/4	155,165	1/4	161,560	1/4	173,851	1/4	185,313	1/4	196,780	1/4	208,240	1/4	220,613		
1/2	120,811	1/2	132,342	1/2	143,874	1/2	155,405	1/2	161,570	1/2	173,911	1/2	185,373	1/2	196,840	1/2	208,300	1/2	220,713		
3/4	121,051	3/4	132,583	3/4	144,114	3/4	155,645	3/4	161,580	3/4	173,971	3/4	185,433	3/4	196,900	3/4	208,360	3/4	220,813		
8	121,291	8	132,823	8	144,354	8	155,886	8	161,590	8	174,031	8	185,493	8	196,960	8	208,420	8	220,913		
1/4	121,532	1/4	133,063	1/4	144,594	1/4	156,126	1/4	161,600	1/4	174,091	1/4	185,553	1/4	197,020	1/4	208,480	1/4	221,013		
1/2	121,772	1/2	133,303	1/2	144,835	1/2	156,366	1/2	161,610	1/2	174,151	1/2	185,613	1/2	197,080	1/2	208,540	1/2	221,113		
3/4	122,012	3/4	133,544	3/4	145,075	3/4	156,606	3/4	161,620	3/4	174,211	3/4	185,673	3/4	197,140	3/4	208,600	3/4	221,213		
9	122,252	9	133,784	9	145,315	9	156,847	9	161,630	9	174,271	9	185,733	9	197,200	9	208,660	9	221,313		
1/4	122,493	1/4	134,024	1/4	145,555	1/4	157,087	1/4	161,640	1/4	174,331	1/4	185,793	1/4	197,260	1/4	208,720	1/4	221,413		
1/2	122,733	1/2	134,264	1/2	145,796	1/2	157,327	1/2	161,650	1/2	174,391	1/2	185,853	1/2	197,320	1/2	208,780	1/2	221,513		
3/4	122,973	3/4	134,505	3/4	146,036	3/4	157,567	3/4	161,660	3/4	174,451	3/4	185,913	3/4	197,380	3/4	208,840	3/4	221,613		
10	123,213	10	134,745	10	146,276	10	157,807	10	161,670	10	174,511	10	185,973	10	197,440	10	208,900	10	221,713		
1/4	123,454	1/4	134,985	1/4	146,516	1/4	158,047	1/4	161,680	1/4	174,571	1/4	186,033	1/4	197,500	1/4	208,960	1/4	221,813		
1/2	123,694	1/2	135,225	1/2	146,757	1/2	158,287	1/2	161,690	1/2	174,631	1/2	186,093	1/2	197,560	1/2	209,020	1/2	221,913		
3/4	123,934	3/4	135,465	3/4	146,997	3/4	158,527	3/4	161,700	3/4	174,691	3/4	186,153	3/4	197,620	3/4	209,080	3/4	222,013		
11	124,174	11	135,706	11	147,237	11	158,767	11	161,710	11	174,751	11	186,213	11	197,680	11	209,140	11	222,113		
1/4	124,415	1/4	135,946	1/4	147,477	1/4	159,005	1/4	161,720	1/4	174,811	1/4	186,273	1/4	197,740	1/4	209,200	1/4	222,213		
1/2	124,655	1/2	136,186	1/2	147,718	1/2	159,244	1/2	161,730	1/2	174,871	1/2	186,333	1/2	197,800	1/2	209,260	1/2	222,313		
3/4	124,895	3/4	136,426	3/4	147,958	3/4	159,483	3/4	161,740	3/4	174,931	3/4	186,393	3/4	197,860	3/4	209,320	3/4	222,413		

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 SUPERCEDDES
 ALL PRIOR TO 05/2016

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "IB 1971"

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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	124,241	0	135,666	0	147,090	0	158,507	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	124,479	1/4	135,904	1/4	147,328	1/4	158,722	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	124,717	1/2	136,142	1/2	147,566	1/2	158,937	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	124,955	3/4	136,380	3/4	147,804	3/4	159,152	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	125,193	1	136,618	1	148,042	1	159,367	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	125,431	1/4	136,856	1/4	148,280	1/4	159,505	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	125,669	1/2	137,094	1/2	148,518	1/2	159,644	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	125,907	3/4	137,332	3/4	148,756	3/4	159,783	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	126,145	2	137,570	2	148,994	2	159,922	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	126,383	1/4	137,808	1/4	149,233	1/4	159,982	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	126,621	1/2	138,046	1/2	149,471	1/2	160,041	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	126,859	3/4	138,284	3/4	149,709	3/4	160,101	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	127,097	3	138,522	3	149,947	3	160,160	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	127,335	1/4	138,760	1/4	150,185	1/4	160,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	127,573	1/2	138,998	1/2	150,423	1/2	160,170	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	127,811	3/4	139,236	3/4	150,661	3/4	160,170	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	128,049	4	139,474	4	150,899	4	160,170	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	128,287	1/4	139,712	1/4	151,137	1/4	160,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	128,525	1/2	139,950	1/2	151,375	1/2	160,170	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	128,763	3/4	140,188	3/4	151,613	3/4	160,170	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	129,001	5	140,426	5	151,851	5	160,170	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	129,239	1/4	140,664	1/4	152,089	1/4	160,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	129,477	1/2	140,902	1/2	152,327	1/2	160,170	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	129,715	3/4	141,140	3/4	152,565	3/4	160,170	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	129,953	6	141,378	6	152,803	6	160,170	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	130,191	1/4	141,616	1/4	153,041	1/4	160,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	130,429	1/2	141,854	1/2	153,279	1/2	160,170	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	130,667	3/4	142,092	3/4	153,517	3/4	160,170	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	130,905	7	142,330	7	153,755	7	160,170	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	131,143	1/4	142,568	1/4	153,993	1/4	160,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	131,381	1/2	142,806	1/2	154,231	1/2	160,170	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	131,619	3/4	143,044	3/4	154,469	3/4	160,170	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	131,857	8	143,282	8	154,707	8	160,170	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	132,095	1/4	143,520	1/4	154,945	1/4	160,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	132,333	1/2	143,758	1/2	155,183	1/2	160,170	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	132,571	3/4	143,996	3/4	155,421	3/4	160,170	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	132,809	9	144,234	9	155,659	9	160,170	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	133,047	1/4	144,472	1/4	155,897	1/4	160,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	133,285	1/2	144,710	1/2	156,135	1/2	160,170	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	133,523	3/4	144,948	3/4	156,373	3/4	160,170	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	133,761	10	145,186	10	156,611	10	160,170	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	133,999	1/4	145,424	1/4	156,849	1/4	160,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	134,237	1/2	145,662	1/2	157,087	1/2	160,170	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	134,475	3/4	145,900	3/4	157,325	3/4	160,170	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	134,713	11	146,138	11	157,563	11	160,170	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	134,951	1/4	146,376	1/4	157,801	1/4	160,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	135,189	1/2	146,614	1/2	158,039	1/2	160,170	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	135,427	3/4	146,852	3/4	158,277	3/4	160,170	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 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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