



BARGE "IB 1953"

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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
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	- 00-1/8	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

(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 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

June 15, 2015

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1953"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	86	0	10,374	0	21,806	0	33,226	0	44,651	0	56,083	0	67,514	0	78,946	0	90,378	0	101,810
1/4	155	1/4	10,613	1/4	22,044	1/4	33,463	1/4	44,889	1/4	56,321	1/4	67,753	1/4	79,184	1/4	90,616	1/4	102,048
1/2	225	1/2	10,851	1/2	22,282	1/2	33,701	1/2	45,127	1/2	56,559	1/2	67,991	1/2	79,423	1/2	90,854	1/2	102,286
3/4	294	3/4	11,089	3/4	22,520	3/4	33,939	3/4	45,366	3/4	56,797	3/4	68,229	3/4	79,661	3/4	91,092	3/4	102,524
1	364	1	11,327	1	22,758	1	34,176	1	45,604	1	57,035	1	68,467	1	79,899	1	91,331	1	102,762
1/4	512	1/4	11,565	1/4	22,996	1/4	34,414	1/4	45,842	1/4	57,274	1/4	68,705	1/4	80,137	1/4	91,569	1/4	103,000
1/2	661	1/2	11,803	1/2	23,235	1/2	34,652	1/2	46,080	1/2	57,512	1/2	68,943	1/2	80,375	1/2	91,807	1/2	103,239
3/4	810	3/4	12,041	3/4	23,473	3/4	34,890	3/4	46,318	3/4	57,750	3/4	69,182	3/4	80,613	3/4	92,045	3/4	103,477
2	959	2	12,280	2	23,711	2	35,127	2	46,556	2	57,988	2	69,420	2	80,851	2	92,283	2	103,715
1/4	1,171	1/4	12,518	1/4	23,949	1/4	35,365	1/4	46,795	1/4	58,226	1/4	69,658	1/4	81,090	1/4	92,521	1/4	103,953
1/2	1,384	1/2	12,756	1/2	24,187	1/2	35,603	1/2	47,033	1/2	58,464	1/2	69,896	1/2	81,328	1/2	92,760	1/2	104,191
3/4	1,596	3/4	12,994	3/4	24,425	3/4	35,841	3/4	47,271	3/4	58,703	3/4	70,134	3/4	81,566	3/4	92,998	3/4	104,429
3	1,809	3	13,232	3	24,663	3	36,078	3	47,509	3	58,941	3	70,372	3	81,804	3	93,236	3	104,668
1/4	2,046	1/4	13,470	1/4	24,902	1/4	36,316	1/4	47,747	1/4	59,179	1/4	70,611	1/4	82,042	1/4	93,474	1/4	104,906
1/2	2,282	1/2	13,708	1/2	25,140	1/2	36,554	1/2	47,985	1/2	59,417	1/2	70,849	1/2	82,280	1/2	93,712	1/2	105,144
3/4	2,519	3/4	13,947	3/4	25,378	3/4	36,792	3/4	48,224	3/4	59,655	3/4	71,087	3/4	82,519	3/4	93,950	3/4	105,382
4	2,755	4	14,185	4	25,616	4	37,030	4	48,462	4	59,893	4	71,325	4	82,757	4	94,188	4	105,620
1/4	2,993	1/4	14,423	1/4	25,854	1/4	37,268	1/4	48,700	1/4	60,132	1/4	71,563	1/4	82,995	1/4	94,427	1/4	105,858
1/2	3,231	1/2	14,661	1/2	26,092	1/2	37,506	1/2	48,938	1/2	60,370	1/2	71,801	1/2	83,233	1/2	94,665	1/2	106,096
3/4	3,469	3/4	14,899	3/4	26,330	3/4	37,744	3/4	49,176	3/4	60,608	3/4	72,040	3/4	83,471	3/4	94,903	3/4	106,335
5	3,706	5	15,137	5	26,569	5	37,983	5	49,414	5	60,846	5	72,278	5	83,709	5	95,141	5	106,573
1/4	3,945	1/4	15,376	1/4	26,807	1/4	38,221	1/4	49,652	1/4	61,084	1/4	72,516	1/4	83,948	1/4	95,379	1/4	106,811
1/2	4,183	1/2	15,614	1/2	27,045	1/2	38,459	1/2	49,891	1/2	61,322	1/2	72,754	1/2	84,186	1/2	95,617	1/2	107,049
3/4	4,421	3/4	15,852	3/4	27,283	3/4	38,697	3/4	50,129	3/4	61,560	3/4	72,992	3/4	84,424	3/4	95,856	3/4	107,287
6	4,659	6	16,090	6	27,521	6	38,935	6	50,367	6	61,799	6	73,230	6	84,662	6	96,094	6	107,525
1/4	4,897	1/4	16,328	1/4	27,758	1/4	39,173	1/4	50,605	1/4	62,037	1/4	73,469	1/4	84,900	1/4	96,332	1/4	107,764
1/2	5,135	1/2	16,566	1/2	27,996	1/2	39,412	1/2	50,843	1/2	62,275	1/2	73,707	1/2	85,138	1/2	96,570	1/2	108,002
3/4	5,373	3/4	16,804	3/4	28,234	3/4	39,650	3/4	51,081	3/4	62,513	3/4	73,945	3/4	85,377	3/4	96,808	3/4	108,240
7	5,612	7	17,043	7	28,471	7	39,888	7	51,320	7	62,751	7	74,183	7	85,615	7	97,046	7	108,478
1/4	5,850	1/4	17,281	1/4	28,709	1/4	40,126	1/4	51,558	1/4	62,989	1/4	74,421	1/4	85,853	1/4	97,285	1/4	108,716
1/2	6,088	1/2	17,519	1/2	28,947	1/2	40,364	1/2	51,796	1/2	63,228	1/2	74,659	1/2	86,091	1/2	97,523	1/2	108,954
3/4	6,326	3/4	17,757	3/4	29,185	3/4	40,602	3/4	52,034	3/4	63,466	3/4	74,897	3/4	86,329	3/4	97,761	3/4	109,193
8	6,564	8	17,995	8	29,422	8	40,841	8	52,272	8	63,704	8	75,136	8	86,567	8	97,999	8	109,431
1/4	6,802	1/4	18,233	1/4	29,660	1/4	41,079	1/4	52,510	1/4	63,942	1/4	75,374	1/4	86,805	1/4	98,237	1/4	109,669
1/2	7,040	1/2	18,472	1/2	29,898	1/2	41,317	1/2	52,749	1/2	64,180	1/2	75,612	1/2	87,044	1/2	98,475	1/2	109,907
3/4	7,278	3/4	18,710	3/4	30,135	3/4	41,555	3/4	52,987	3/4	64,418	3/4	75,850	3/4	87,282	3/4	98,714	3/4	110,145
9	7,517	9	18,948	9	30,373	9	41,793	9	53,225	9	64,657	9	76,088	9	87,520	9	98,952	9	110,383
1/4	7,755	1/4	19,186	1/4	30,611	1/4	42,031	1/4	53,463	1/4	64,895	1/4	76,326	1/4	87,758	1/4	99,190	1/4	110,622
1/2	7,993	1/2	19,424	1/2	30,848	1/2	42,269	1/2	53,701	1/2	65,133	1/2	76,565	1/2	87,996	1/2	99,428	1/2	110,860
3/4	8,231	3/4	19,662	3/4	31,086	3/4	42,508	3/4	53,939	3/4	65,371	3/4	76,803	3/4	88,234	3/4	99,666	3/4	111,098
10	8,469	10	19,900	10	31,324	10	42,746	10	54,178	10	65,609	10	77,041	10	88,473	10	99,904	10	111,336
1/4	8,707	1/4	20,139	1/4	31,562	1/4	42,984	1/4	54,416	1/4	65,847	1/4	77,279	1/4	88,711	1/4	100,142	1/4	111,574
1/2	8,945	1/2	20,377	1/2	31,799	1/2	43,222	1/2	54,654	1/2	66,086	1/2	77,517	1/2	88,949	1/2	100,381	1/2	111,812
3/4	9,184	3/4	20,615	3/4	32,037	3/4	43,460	3/4	54,892	3/4	66,324	3/4	77,755	3/4	89,187	3/4	100,619	3/4	112,050
11	9,422	11	20,853	11	32,275	11	43,698	11	55,130	11	66,562	11	77,994	11	89,425	11	100,857	11	112,289
1/4	9,660	1/4	21,091	1/4	32,512	1/4	43,937	1/4	55,368	1/4	66,800	1/4	78,232	1/4	89,663	1/4	101,095	1/4	112,527
1/2	9,898	1/2	21,329	1/2	32,750	1/2	44,175	1/2	55,606	1/2	67,038	1/2	78,470	1/2	89,902	1/2	101,333	1/2	112,765
3/4	10,136	3/4	21,567	3/4	32,988	3/4	44,413	3/4	55,845	3/4	67,276	3/4	78,708	3/4	90,140	3/4	101,571	3/4	113,003

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.

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BARGE "IB 1953"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	113,241	0	124,673	0	136,105	0	147,536	0	158,936	0		0		0		0		0	
1/4	113,479	1/4	124,911	1/4	136,343	1/4	147,775	1/4	159,131	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,718	1/2	125,149	1/2	136,581	1/2	148,013	1/2	159,325	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,956	3/4	125,387	3/4	136,819	3/4	148,251	3/4	159,519	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	114,194	1	125,626	1	137,057	1	148,489	1	159,713	1		1		1		1		1	
1/4	114,432	1/4	125,864	1/4	137,295	1/4	148,727	1/4	159,832	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,670	1/2	126,102	1/2	137,534	1/2	148,965	1/2	159,952	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,908	3/4	126,340	3/4	137,772	3/4	149,204	3/4	160,071	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	115,147	2	126,578	2	138,010	2	149,442	2	160,190	2		2		2		2		2	
1/4	115,385	1/4	126,816	1/4	138,248	1/4	149,680	1/4	160,239	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,623	1/2	127,055	1/2	138,486	1/2	149,918	1/2	160,288	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,861	3/4	127,293	3/4	138,724	3/4	150,156	3/4	160,337	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	116,099	3	127,531	3	138,963	3	150,394	3	160,386	3		3		3		3		3	
1/4	116,337	1/4	127,769	1/4	139,201	1/4	150,632	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	116,576	1/2	128,007	1/2	139,439	1/2	150,871	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	116,814	3/4	128,245	3/4	139,677	3/4	151,109	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	117,052	4	128,484	4	139,915	4	151,347	4		4		4		4		4		4	
1/4	117,290	1/4	128,722	1/4	140,153	1/4	151,585	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,528	1/2	128,960	1/2	140,392	1/2	151,823	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117,766	3/4	129,198	3/4	140,630	3/4	152,061	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	118,005	5	129,436	5	140,868	5	152,300	5		5		5		5		5		5	
1/4	118,243	1/4	129,674	1/4	141,106	1/4	152,538	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,481	1/2	129,913	1/2	141,344	1/2	152,776	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,719	3/4	130,151	3/4	141,582	3/4	153,014	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	118,957	6	130,389	6	141,821	6	153,252	6		6		6		6		6		6	
1/4	119,195	1/4	130,627	1/4	142,059	1/4	153,490	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,433	1/2	130,865	1/2	142,297	1/2	153,729	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,672	3/4	131,103	3/4	142,535	3/4	153,967	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	119,910	7	131,341	7	142,773	7	154,205	7		7		7		7		7		7	
1/4	120,148	1/4	131,580	1/4	143,011	1/4	154,443	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,386	1/2	131,818	1/2	143,250	1/2	154,681	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,624	3/4	132,056	3/4	143,488	3/4	154,919	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	120,862	8	132,294	8	143,726	8	155,158	8		8		8		8		8		8	
1/4	121,101	1/4	132,532	1/4	143,964	1/4	155,396	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,339	1/2	132,770	1/2	144,202	1/2	155,634	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,577	3/4	133,009	3/4	144,440	3/4	155,872	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	121,815	9	133,247	9	144,678	9	156,110	9		9		9		9		9		9	
1/4	122,053	1/4	133,485	1/4	144,917	1/4	156,348	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,291	1/2	133,723	1/2	145,155	1/2	156,586	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,530	3/4	133,961	3/4	145,393	3/4	156,824	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	122,768	10	134,199	10	145,631	10	157,062	10		10		10		10		10		10	
1/4	123,006	1/4	134,438	1/4	145,869	1/4	157,300	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,244	1/2	134,676	1/2	146,107	1/2	157,537	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,482	3/4	134,914	3/4	146,346	3/4	157,775	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	123,720	11	135,152	11	146,584	11	158,012	11		11		11		11		11		11	
1/4	123,959	1/4	135,390	1/4	146,822	1/4	158,243	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,197	1/2	135,628	1/2	147,060	1/2	158,474	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,435	3/4	135,867	3/4	147,298	3/4	158,705	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: 06/10/2015 CL
CALCULATED: 06/11/2015 CL
PRINTED: 06/15/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

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



BARGE "IB 1953"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	86	0	10,442	0	21,947	0	33,273	0	44,677	0	56,183	0	67,689	0	79,196	0	90,702	0	102,208
1/4	156	1/4	10,681	1/4	22,187	1/4	33,506	1/4	44,917	1/4	56,423	1/4	67,929	1/4	79,435	1/4	90,941	1/4	102,448
1/2	226	1/2	10,921	1/2	22,427	1/2	33,738	1/2	45,156	1/2	56,663	1/2	68,169	1/2	79,675	1/2	91,181	1/2	102,687
3/4	296	3/4	11,161	3/4	22,667	3/4	33,971	3/4	45,396	3/4	56,902	3/4	68,409	3/4	79,915	3/4	91,421	3/4	102,927
1	366	1	11,401	1	22,906	1	34,204	1	45,636	1	57,142	1	68,648	1	80,154	1	91,661	1	103,167
1/4	516	1/4	11,640	1/4	23,146	1/4	34,436	1/4	45,876	1/4	57,382	1/4	68,888	1/4	80,394	1/4	91,900	1/4	103,407
1/2	665	1/2	11,880	1/2	23,386	1/2	34,669	1/2	46,115	1/2	57,621	1/2	69,128	1/2	80,634	1/2	92,140	1/2	103,646
3/4	815	3/4	12,120	3/4	23,625	3/4	34,901	3/4	46,355	3/4	57,861	3/4	69,367	3/4	80,874	3/4	92,380	3/4	103,886
2	965	2	12,359	2	23,865	2	35,134	2	46,595	2	58,101	2	69,607	2	81,113	2	92,619	2	104,126
1/4	1,179	1/4	12,599	1/4	24,105	1/4	35,367	1/4	46,834	1/4	58,341	1/4	69,847	1/4	81,353	1/4	92,859	1/4	104,365
1/2	1,393	1/2	12,839	1/2	24,345	1/2	35,600	1/2	47,074	1/2	58,580	1/2	70,087	1/2	81,593	1/2	93,099	1/2	104,605
3/4	1,607	3/4	13,078	3/4	24,584	3/4	35,832	3/4	47,314	3/4	58,820	3/4	70,326	3/4	81,832	3/4	93,339	3/4	104,845
3	1,821	3	13,318	3	24,824	3	36,065	3	47,554	3	59,060	3	70,566	3	82,072	3	93,578	3	105,084
1/4	2,059	1/4	13,558	1/4	25,064	1/4	36,300	1/4	47,793	1/4	59,299	1/4	70,806	1/4	82,312	1/4	93,818	1/4	105,324
1/2	2,297	1/2	13,798	1/2	25,303	1/2	36,536	1/2	48,033	1/2	59,539	1/2	71,045	1/2	82,552	1/2	94,058	1/2	105,564
3/4	2,535	3/4	14,037	3/4	25,543	3/4	36,771	3/4	48,273	3/4	59,779	3/4	71,285	3/4	82,791	3/4	94,297	3/4	105,804
4	2,773	4	14,277	4	25,783	4	37,006	4	48,512	4	60,019	4	71,525	4	83,031	4	94,537	4	106,043
1/4	3,013	1/4	14,517	1/4	26,022	1/4	37,246	1/4	48,752	1/4	60,258	1/4	71,765	1/4	83,271	1/4	94,777	1/4	106,283
1/2	3,252	1/2	14,756	1/2	26,262	1/2	37,486	1/2	48,992	1/2	60,498	1/2	72,004	1/2	83,510	1/2	95,017	1/2	106,523
3/4	3,491	3/4	14,996	3/4	26,502	3/4	37,725	3/4	49,232	3/4	60,738	3/4	72,244	3/4	83,750	3/4	95,256	3/4	106,762
5	3,730	5	15,236	5	26,742	5	37,965	5	49,471	5	60,977	5	72,484	5	83,990	5	95,496	5	107,002
1/4	3,970	1/4	15,476	1/4	26,979	1/4	38,205	1/4	49,711	1/4	61,217	1/4	72,723	1/4	84,230	1/4	95,736	1/4	107,242
1/2	4,210	1/2	15,715	1/2	27,216	1/2	38,445	1/2	49,951	1/2	61,457	1/2	72,963	1/2	84,469	1/2	95,975	1/2	107,481
3/4	4,449	3/4	15,955	3/4	27,453	3/4	38,684	3/4	50,190	3/4	61,697	3/4	73,203	3/4	84,709	3/4	96,215	3/4	107,722
6	4,689	6	16,195	6	27,690	6	38,924	6	50,430	6	61,936	6	73,442	6	84,949	6	96,455	6	107,961
1/4	4,929	1/4	16,434	1/4	27,922	1/4	39,164	1/4	50,670	1/4	62,176	1/4	73,682	1/4	85,188	1/4	96,695	1/4	108,201
1/2	5,168	1/2	16,674	1/2	28,155	1/2	39,403	1/2	50,910	1/2	62,416	1/2	73,922	1/2	85,428	1/2	96,934	1/2	108,440
3/4	5,408	3/4	16,914	3/4	28,388	3/4	39,643	3/4	51,149	3/4	62,655	3/4	74,162	3/4	85,668	3/4	97,174	3/4	108,680
7	5,648	7	17,153	7	28,620	7	39,883	7	51,389	7	62,895	7	74,401	7	85,908	7	97,414	7	108,920
1/4	5,888	1/4	17,393	1/4	28,853	1/4	40,123	1/4	51,629	1/4	63,135	1/4	74,641	1/4	86,147	1/4	97,653	1/4	109,160
1/2	6,127	1/2	17,633	1/2	29,086	1/2	40,362	1/2	51,868	1/2	63,375	1/2	74,881	1/2	86,387	1/2	97,893	1/2	109,399
3/4	6,367	3/4	17,873	3/4	29,318	3/4	40,602	3/4	52,108	3/4	63,614	3/4	75,120	3/4	86,627	3/4	98,133	3/4	109,639
8	6,607	8	18,112	8	29,551	8	40,842	8	52,348	8	63,854	8	75,360	8	86,866	8	98,373	8	109,879
1/4	6,846	1/4	18,352	1/4	29,783	1/4	41,081	1/4	52,588	1/4	64,094	1/4	75,600	1/4	87,106	1/4	98,612	1/4	110,118
1/2	7,086	1/2	18,592	1/2	30,016	1/2	41,321	1/2	52,827	1/2	64,333	1/2	75,840	1/2	87,346	1/2	98,852	1/2	110,358
3/4	7,326	3/4	18,831	3/4	30,249	3/4	41,561	3/4	53,067	3/4	64,573	3/4	76,079	3/4	87,586	3/4	99,092	3/4	110,598
9	7,565	9	19,071	9	30,481	9	41,800	9	53,307	9	64,813	9	76,319	9	87,825	9	99,331	9	110,838
1/4	7,805	1/4	19,311	1/4	30,714	1/4	42,040	1/4	53,546	1/4	65,053	1/4	76,559	1/4	88,065	1/4	99,571	1/4	111,077
1/2	8,045	1/2	19,550	1/2	30,947	1/2	42,280	1/2	53,786	1/2	65,292	1/2	76,798	1/2	88,305	1/2	99,811	1/2	111,317
3/4	8,284	3/4	19,790	3/4	31,179	3/4	42,520	3/4	54,026	3/4	65,532	3/4	77,038	3/4	88,544	3/4	100,051	3/4	111,557
10	8,524	10	20,030	10	31,412	10	42,759	10	54,266	10	65,772	10	77,278	10	88,784	10	100,290	10	111,796
1/4	8,764	1/4	20,270	1/4	31,645	1/4	42,999	1/4	54,505	1/4	66,011	1/4	77,518	1/4	89,024	1/4	100,530	1/4	112,036
1/2	9,004	1/2	20,509	1/2	31,877	1/2	43,239	1/2	54,745	1/2	66,251	1/2	77,757	1/2	89,263	1/2	100,770	1/2	112,276
3/4	9,243	3/4	20,749	3/4	32,110	3/4	43,478	3/4	54,985	3/4	66,491	3/4	77,997	3/4	89,503	3/4	101,009	3/4	112,516
11	9,483	11	20,989	11	32,342	11	43,718	11	55,224	11	66,731	11	78,237	11	89,743	11	101,249	11	112,755
1/4	9,723	1/4	21,228	1/4	32,575	1/4	43,958	1/4	55,464	1/4	66,970	1/4	78,476	1/4	89,983	1/4	101,489	1/4	112,995
1/2	9,962	1/2	21,468	1/2	32,808	1/2	44,198	1/2	55,704	1/2	67,210	1/2	78,716	1/2	90,222	1/2	101,729	1/2	113,235
3/4	10,202	3/4	21,708	3/4	33,040	3/4	44,437	3/4	55,944	3/4	67,450	3/4	78,956	3/4	90,462	3/4	101,968	3/4	113,474

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.

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BARGE "IB 1953"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	113,714	0	125,220	0	136,726	0	148,233	0	159,707	0		0		0		0		0	
1/4	113,954	1/4	125,460	1/4	136,966	1/4	148,472	1/4	159,902	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,194	1/2	125,700	1/2	137,206	1/2	148,712	1/2	160,098	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,433	3/4	125,939	3/4	137,446	3/4	148,952	3/4	160,293	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	114,673	1	126,179	1	137,685	1	149,192	1	160,489	1	1	1	1	1	1	1	1	1	1
1/4	114,913	1/4	126,419	1/4	137,925	1/4	149,431	1/4	160,609	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,152	1/2	126,659	1/2	138,165	1/2	149,671	1/2	160,729	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,392	3/4	126,898	3/4	138,404	3/4	149,911	3/4	160,849	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	115,632	2	127,138	2	138,644	2	150,150	2	160,968	2	2	2	2	2	2	2	2	2	2
1/4	115,872	1/4	127,378	1/4	138,884	1/4	150,390	1/4	161,018	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	116,111	1/2	127,617	1/2	139,124	1/2	150,630	1/2	161,067	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	116,351	3/4	127,857	3/4	139,363	3/4	150,869	3/4	161,116	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	116,591	3	128,097	3	139,603	3	151,109	3	161,166	3	3	3	3	3	3	3	3	3	3
1/4	116,830	1/4	128,337	1/4	139,843	1/4	151,349	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,070	1/2	128,576	1/2	140,082	1/2	151,589	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117,310	3/4	128,816	3/4	140,322	3/4	151,828	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	117,550	4	129,056	4	140,562	4	152,068	4	4	4	4	4	4	4	4	4	4	4	4
1/4	117,789	1/4	129,295	1/4	140,802	1/4	152,308	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,029	1/2	129,535	1/2	141,041	1/2	152,547	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,269	3/4	129,775	3/4	141,281	3/4	152,787	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	118,508	5	130,015	5	141,521	5	153,027	5	5	5	5	5	5	5	5	5	5	5	5
1/4	118,748	1/4	130,254	1/4	141,760	1/4	153,267	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,988	1/2	130,494	1/2	142,000	1/2	153,506	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,228	3/4	130,734	3/4	142,240	3/4	153,746	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	119,467	6	130,973	6	142,480	6	153,986	6	6	6	6	6	6	6	6	6	6	6	6
1/4	119,707	1/4	131,213	1/4	142,719	1/4	154,225	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,947	1/2	131,453	1/2	142,959	1/2	154,465	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,186	3/4	131,693	3/4	143,199	3/4	154,705	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	120,426	7	131,932	7	143,438	7	154,945	7	7	7	7	7	7	7	7	7	7	7	7
1/4	120,666	1/4	132,172	1/4	143,678	1/4	155,184	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,905	1/2	132,412	1/2	143,918	1/2	155,424	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,145	3/4	132,651	3/4	144,158	3/4	155,664	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	121,385	8	132,891	8	144,397	8	155,903	8	8	8	8	8	8	8	8	8	8	8	8
1/4	121,625	1/4	133,131	1/4	144,637	1/4	156,143	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,864	1/2	133,371	1/2	144,877	1/2	156,383	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,104	3/4	133,610	3/4	145,116	3/4	156,623	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	122,344	9	133,850	9	145,356	9	156,862	9	9	9	9	9	9	9	9	9	9	9	9
1/4	122,583	1/4	134,090	1/4	145,596	1/4	157,102	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,823	1/2	134,329	1/2	145,836	1/2	157,341	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,063	3/4	134,569	3/4	146,075	3/4	157,581	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	123,303	10	134,809	10	146,315	10	157,821	10	10	10	10	10	10	10	10	10	10	10	10
1/4	123,542	1/4	135,048	1/4	146,555	1/4	158,060	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,782	1/2	135,288	1/2	146,794	1/2	158,299	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,022	3/4	135,528	3/4	147,034	3/4	158,538	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	124,261	11	135,768	11	147,274	11	158,777	11	11	11	11	11	11	11	11	11	11	11	11
1/4	124,501	1/4	136,007	1/4	147,514	1/4	159,009	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,741	1/2	136,247	1/2	147,753	1/2	159,242	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,981	3/4	136,487	3/4	147,993	3/4	159,474	3/4	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: 06/10/2015 CL
CALCULATED: 06/11/2015 CL
PRINTED: 06/15/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

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



BARGE "IB 1953"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

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	89	0	10,893	0	22,881	0	34,698	0	46,584	0	58,565	0	70,529	0	82,516	0	94,502	0	106,489
1/4	162	1/4	11,143	1/4	23,130	1/4	34,941	1/4	46,834	1/4	58,814	1/4	70,778	1/4	82,765	1/4	94,752	1/4	106,739
1/2	235	1/2	11,392	1/2	23,380	1/2	35,184	1/2	47,084	1/2	59,063	1/2	71,028	1/2	83,015	1/2	95,002	1/2	106,989
3/4	308	3/4	11,642	3/4	23,630	3/4	35,427	3/4	47,333	3/4	59,312	3/4	71,278	3/4	83,265	3/4	95,252	3/4	107,238
1	381	1	11,892	1	23,880	1	35,670	1	47,583	1	59,561	1	71,528	1	83,515	1	95,501	1	107,488
1/4	537	1/4	12,142	1/4	24,129	1/4	35,913	1/4	47,832	1/4	59,810	1/4	71,777	1/4	83,764	1/4	95,751	1/4	107,738
1/2	694	1/2	12,391	1/2	24,379	1/2	36,156	1/2	48,082	1/2	60,059	1/2	72,027	1/2	84,014	1/2	96,001	1/2	107,987
3/4	850	3/4	12,641	3/4	24,629	3/4	36,399	3/4	48,332	3/4	60,309	3/4	72,277	3/4	84,264	3/4	96,250	3/4	108,237
2	1,006	2	12,891	2	24,878	2	36,643	2	48,581	2	60,558	2	72,527	2	84,514	2	96,500	2	108,487
1/4	1,230	1/4	13,141	1/4	25,128	1/4	36,886	1/4	48,831	1/4	60,807	1/4	72,776	1/4	84,763	1/4	96,750	1/4	108,737
1/2	1,453	1/2	13,390	1/2	25,378	1/2	37,129	1/2	49,080	1/2	61,056	1/2	73,026	1/2	85,013	1/2	97,000	1/2	108,986
3/4	1,676	3/4	13,640	3/4	25,628	3/4	37,372	3/4	49,330	3/4	61,305	3/4	73,276	3/4	85,263	3/4	97,249	3/4	109,236
3	1,900	3	13,890	3	25,877	3	37,615	3	49,580	3	61,554	3	73,525	3	85,513	3	97,499	3	109,486
1/4	2,148	1/4	14,140	1/4	26,127	1/4	37,861	1/4	49,829	1/4	61,803	1/4	73,775	1/4	85,762	1/4	97,749	1/4	109,736
1/2	2,397	1/2	14,389	1/2	26,377	1/2	38,106	1/2	50,079	1/2	62,052	1/2	74,025	1/2	86,012	1/2	97,998	1/2	109,985
3/4	2,645	3/4	14,639	3/4	26,627	3/4	38,352	3/4	50,328	3/4	62,302	3/4	74,275	3/4	86,262	3/4	98,248	3/4	110,235
4	2,894	4	14,889	4	26,876	4	38,597	4	50,578	4	62,551	4	74,524	4	86,511	4	98,498	4	110,485
1/4	3,144	1/4	15,139	1/4	27,126	1/4	38,847	1/4	50,828	1/4	62,800	1/4	74,774	1/4	86,761	1/4	98,747	1/4	110,735
1/2	3,394	1/2	15,388	1/2	27,376	1/2	39,096	1/2	51,077	1/2	63,049	1/2	75,024	1/2	87,011	1/2	98,997	1/2	110,984
3/4	3,644	3/4	15,638	3/4	27,626	3/4	39,346	3/4	51,327	3/4	63,298	3/4	75,274	3/4	87,261	3/4	99,247	3/4	111,234
5	3,893	5	15,888	5	27,875	5	39,596	5	51,576	5	63,547	5	75,523	5	87,510	5	99,497	5	111,484
1/4	4,144	1/4	16,138	1/4	28,123	1/4	39,845	1/4	51,826	1/4	63,796	1/4	75,773	1/4	87,760	1/4	99,746	1/4	111,733
1/2	4,394	1/2	16,387	1/2	28,370	1/2	40,095	1/2	52,076	1/2	64,046	1/2	76,023	1/2	88,010	1/2	99,996	1/2	111,983
3/4	4,644	3/4	16,637	3/4	28,617	3/4	40,344	3/4	52,325	3/4	64,295	3/4	76,272	3/4	88,260	3/4	100,246	3/4	112,233
6	4,894	6	16,887	6	28,864	6	40,594	6	52,575	6	64,544	6	76,522	6	88,509	6	100,496	6	112,483
1/4	5,144	1/4	17,137	1/4	29,107	1/4	40,844	1/4	52,824	1/4	64,793	1/4	76,772	1/4	88,759	1/4	100,745	1/4	112,732
1/2	5,395	1/2	17,386	1/2	29,350	1/2	41,093	1/2	53,074	1/2	65,042	1/2	77,022	1/2	89,009	1/2	100,995	1/2	112,982
3/4	5,645	3/4	17,636	3/4	29,594	3/4	41,343	3/4	53,324	3/4	65,291	3/4	77,271	3/4	89,259	3/4	101,245	3/4	113,232
7	5,895	7	17,886	7	29,837	7	41,592	7	53,573	7	65,540	7	77,521	7	89,508	7	101,494	7	113,482
1/4	6,145	1/4	18,135	1/4	30,080	1/4	41,842	1/4	53,823	1/4	65,789	1/4	77,771	1/4	89,758	1/4	101,744	1/4	113,731
1/2	6,395	1/2	18,385	1/2	30,323	1/2	42,092	1/2	54,073	1/2	66,039	1/2	78,021	1/2	90,008	1/2	101,994	1/2	113,981
3/4	6,645	3/4	18,635	3/4	30,566	3/4	42,341	3/4	54,322	3/4	66,288	3/4	78,270	3/4	90,257	3/4	102,244	3/4	114,231
8	6,895	8	18,885	8	30,809	8	42,591	8	54,572	8	66,537	8	78,520	8	90,507	8	102,493	8	114,481
1/4	7,145	1/4	19,134	1/4	31,052	1/4	42,840	1/4	54,821	1/4	66,786	1/4	78,770	1/4	90,757	1/4	102,743	1/4	114,730
1/2	7,394	1/2	19,384	1/2	31,295	1/2	43,090	1/2	55,071	1/2	67,035	1/2	79,020	1/2	91,007	1/2	102,993	1/2	114,980
3/4	7,644	3/4	19,634	3/4	31,538	3/4	43,340	3/4	55,321	3/4	67,284	3/4	79,269	3/4	91,256	3/4	103,243	3/4	115,230
9	7,894	9	19,884	9	31,781	9	43,589	9	55,570	9	67,533	9	79,519	9	91,506	9	103,492	9	115,479
1/4	8,144	1/4	20,133	1/4	32,024	1/4	43,839	1/4	55,820	1/4	67,783	1/4	79,769	1/4	91,756	1/4	103,742	1/4	115,729
1/2	8,394	1/2	20,383	1/2	32,267	1/2	44,088	1/2	56,069	1/2	68,032	1/2	80,018	1/2	92,005	1/2	103,992	1/2	115,979
3/4	8,644	3/4	20,633	3/4	32,510	3/4	44,338	3/4	56,319	3/4	68,281	3/4	80,268	3/4	92,255	3/4	104,242	3/4	116,229
10	8,894	10	20,883	10	32,753	10	44,588	10	56,569	10	68,531	10	80,518	10	92,505	10	104,491	10	116,478
1/4	9,144	1/4	21,132	1/4	32,996	1/4	44,837	1/4	56,818	1/4	68,781	1/4	80,768	1/4	92,755	1/4	104,741	1/4	116,728
1/2	9,394	1/2	21,382	1/2	33,240	1/2	45,087	1/2	57,068	1/2	69,030	1/2	81,017	1/2	93,004	1/2	104,991	1/2	116,978
3/4	9,644	3/4	21,632	3/4	33,483	3/4	45,336	3/4	57,317	3/4	69,280	3/4	81,267	3/4	93,254	3/4	105,240	3/4	117,228
11	9,894	11	21,882	11	33,726	11	45,586	11	57,567	11	69,530	11	81,517	11	93,504	11	105,490	11	117,478
1/4	10,144	1/4	22,131	1/4	33,969	1/4	45,836	1/4	57,816	1/4	69,779	1/4	81,767	1/4	93,753	1/4	105,740	1/4	117,728
1/2	10,393	1/2	22,381	1/2	34,212	1/2	46,085	1/2	58,066	1/2	70,029	1/2	82,016	1/2	94,003	1/2	105,990	1/2	117,978
3/4	10,643	3/4	22,631	3/4	34,455	3/4	46,335	3/4	58,315	3/4	70,279	3/4	82,266	3/4	94,253	3/4	106,239	3/4	118,229

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

Pearland, Texas 77588

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BARGE "IB 1953"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	118,479	0	128,941	0	136,702	0	144,464	0	152,193	0		0		0		0		0	
1/4	118,729	1/4	129,102	1/4	136,864	1/4	144,626	1/4	152,308	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,979	1/2	129,264	1/2	137,026	1/2	144,788	1/2	152,424	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,230	3/4	129,426	3/4	137,188	3/4	144,949	3/4	152,539	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	119,480	1	129,588	1	137,349	1	145,111	1	152,655	1	1	1	1	1	1	1	1	1	1
1/4	119,730	1/4	129,749	1/4	137,511	1/4	145,273	1/4	152,725	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,980	1/2	129,911	1/2	137,673	1/2	145,434	1/2	152,794	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,231	3/4	130,073	3/4	137,834	3/4	145,596	3/4	152,864	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	120,481	2	130,234	2	137,996	2	145,758	2	152,934	2	2	2	2	2	2	2	2	2	2
1/4	120,731	1/4	130,396	1/4	138,158	1/4	145,920	1/4	152,986	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,981	1/2	130,558	1/2	138,319	1/2	146,081	1/2	153,037	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,231	3/4	130,719	3/4	138,481	3/4	146,243	3/4	153,088	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	121,482	3	130,881	3	138,643	3	146,405	3	153,140	3	3	3	3	3	3	3	3	3	3
1/4	121,732	1/4	131,043	1/4	138,805	1/4	146,566	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,982	1/2	131,205	1/2	138,966	1/2	146,728	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,232	3/4	131,366	3/4	139,128	3/4	146,890	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	122,483	4	131,528	4	139,290	4	147,051	4	4	4	4	4	4	4	4	4	4	4	4
1/4	122,733	1/4	131,690	1/4	139,451	1/4	147,213	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,983	1/2	131,851	1/2	139,613	1/2	147,375	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,233	3/4	132,013	3/4	139,775	3/4	147,537	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	123,484	5	132,175	5	139,937	5	147,698	5	5	5	5	5	5	5	5	5	5	5	5
1/4	123,734	1/4	132,336	1/4	140,098	1/4	147,860	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,984	1/2	132,498	1/2	140,260	1/2	148,022	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,234	3/4	132,660	3/4	140,422	3/4	148,183	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	124,484	6	132,822	6	140,583	6	148,345	6	6	6	6	6	6	6	6	6	6	6	6
1/4	124,735	1/4	132,983	1/4	140,745	1/4	148,507	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,985	1/2	133,145	1/2	140,907	1/2	148,668	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,235	3/4	133,307	3/4	141,068	3/4	148,830	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	125,485	7	133,468	7	141,230	7	148,992	7	7	7	7	7	7	7	7	7	7	7	7
1/4	125,702	1/4	133,630	1/4	141,392	1/4	149,154	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,919	1/2	133,792	1/2	141,554	1/2	149,315	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,136	3/4	133,954	3/4	141,715	3/4	149,477	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	126,353	8	134,115	8	141,877	8	149,639	8	8	8	8	8	8	8	8	8	8	8	8
1/4	126,515	1/4	134,277	1/4	142,039	1/4	149,800	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,677	1/2	134,439	1/2	142,200	1/2	149,962	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,839	3/4	134,600	3/4	142,362	3/4	150,124	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	127,000	9	134,762	9	142,524	9	150,285	9	9	9	9	9	9	9	9	9	9	9	9
1/4	127,162	1/4	134,924	1/4	142,685	1/4	150,447	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,324	1/2	135,085	1/2	142,847	1/2	150,609	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,485	3/4	135,247	3/4	143,009	3/4	150,770	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,647	10	135,409	10	143,171	10	150,932	10	10	10	10	10	10	10	10	10	10	10	10
1/4	127,809	1/4	135,571	1/4	143,332	1/4	151,093	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,971	1/2	135,732	1/2	143,494	1/2	151,254	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,132	3/4	135,894	3/4	143,656	3/4	151,415	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,294	11	136,056	11	143,817	11	151,576	11	11	11	11	11	11	11	11	11	11	11	11
1/4	128,456	1/4	136,217	1/4	143,979	1/4	151,730	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,617	1/2	136,379	1/2	144,141	1/2	151,884	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,779	3/4	136,541	3/4	144,302	3/4	152,038	3/4	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.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

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