



# BARGE "IB 1956"

## 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	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 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 23, 2015

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

<http://www.pmacorp.net>



# BARGE "IB 1956"

## 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.
0	10,885	22,864	34,674	46,552	58,523	70,479	82,458	94,436	106,414
1/4	11,135	23,114	34,916	46,801	58,772	70,729	82,707	94,686	106,664
1/2	11,384	23,364	35,159	47,051	59,021	70,978	82,957	94,935	106,913
3/4	11,634	23,613	35,402	47,300	59,270	71,228	83,206	95,185	107,163
1	11,884	23,863	35,645	47,549	59,519	71,477	83,456	95,434	107,412
1 1/4	12,133	24,112	35,888	47,799	59,768	71,727	83,706	95,684	107,662
1 1/2	12,383	24,362	36,131	48,048	60,017	71,976	83,955	95,933	107,912
3/4	12,632	24,611	36,374	48,298	60,266	72,226	84,205	96,183	108,161
2	12,882	24,861	36,617	48,547	60,515	72,475	84,454	96,432	108,411
1 1/4	13,131	25,111	36,860	48,797	60,764	72,725	84,704	96,682	108,660
1 1/2	13,381	25,360	37,103	49,046	61,013	72,975	84,953	96,931	108,910
3/4	13,631	25,610	37,346	49,295	61,262	73,224	85,203	97,181	109,159
3	13,880	25,859	37,589	49,545	61,511	73,474	85,452	97,430	109,409
1 1/4	14,130	26,109	37,834	49,794	61,760	73,723	85,702	97,680	109,658
1 1/2	14,379	26,358	38,079	50,044	62,009	73,973	85,952	97,929	109,908
3/4	14,629	26,608	38,325	50,293	62,258	74,222	86,201	98,179	110,158
4	14,878	26,858	38,570	50,543	62,507	74,472	86,451	98,429	110,407
1 1/4	15,128	27,107	38,819	50,792	62,756	74,722	86,700	98,678	110,657
1 1/2	15,378	27,357	39,069	51,041	63,005	74,971	86,950	98,928	110,906
3/4	15,627	27,606	39,318	51,291	63,254	75,221	87,199	99,177	111,156
5	15,877	27,856	39,568	51,540	63,503	75,470	87,449	99,427	111,405
1 1/4	16,126	28,105	39,817	51,790	63,752	75,720	87,698	99,676	111,655
1 1/2	16,376	28,355	40,067	52,039	64,001	75,969	87,948	99,926	111,904
3/4	16,625	28,597	40,316	52,288	64,249	76,219	88,198	100,175	112,154
6	16,875	28,844	40,565	52,538	64,498	76,468	88,447	100,425	112,404
1 1/4	17,124	29,087	40,814	52,787	64,747	76,718	88,697	100,674	112,653
1 1/2	17,374	29,330	41,064	53,037	64,996	76,968	88,946	100,924	112,903
3/4	17,624	29,573	41,314	53,286	65,245	77,217	89,196	101,174	113,152
7	17,873	29,816	41,563	53,536	65,494	77,467	89,445	101,423	113,402
1 1/4	18,123	30,059	41,813	53,785	65,743	77,716	89,695	101,673	113,651
1 1/2	18,372	30,301	42,062	54,034	65,992	77,966	89,944	101,922	113,901
3/4	18,622	30,544	42,311	54,284	66,241	78,215	90,194	102,172	114,150
8	18,871	30,787	42,561	54,533	66,490	78,465	90,444	102,421	114,400
1 1/4	19,121	31,030	42,810	54,783	66,739	78,714	90,693	102,671	114,650
1 1/2	19,371	31,273	43,060	55,032	66,988	78,964	90,943	102,920	114,899
3/4	19,620	31,516	43,309	55,282	67,237	79,214	91,192	103,170	115,149
9	19,870	31,759	43,559	55,531	67,486	79,463	91,442	103,420	115,398
1 1/4	20,119	32,002	43,808	55,780	67,735	79,713	91,691	103,669	115,648
1 1/2	20,369	32,245	44,057	56,030	67,984	79,962	91,941	103,919	115,897
3/4	20,618	32,488	44,307	56,279	68,233	80,212	92,190	104,168	116,147
10	20,868	32,730	44,556	56,529	68,483	80,461	92,440	104,418	116,396
1 1/4	21,118	32,973	44,806	56,778	68,732	80,711	92,689	104,667	116,646
1 1/2	21,367	33,216	45,055	57,028	68,982	80,960	92,939	104,917	116,896
3/4	21,617	33,459	45,305	57,277	69,231	81,210	93,188	105,166	117,146
11	21,866	33,702	45,554	57,526	69,481	81,461	93,438	105,416	117,395
1 1/4	22,116	33,945	45,803	57,776	69,730	81,709	93,687	105,666	117,645
1 1/2	22,365	34,188	46,053	58,025	69,980	81,959	93,937	105,915	117,896
3/4	22,615	34,431	46,302	58,274	70,230	82,208	94,187	106,165	118,146

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 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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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<http://www.pmacorp.net>



# BARGE "IB 1956"

## 1 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-03 1/2"

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.
0	118,396	0	128,850	136,606	144,363	152,086	0	0	0	0	0
1/4	118,646	1/4	129,012	136,768	144,524	152,201	1/4	1/4	1/4	1/4	1/4
1/2	118,896	1/2	129,173	136,930	144,686	152,317	1/2	1/2	1/2	1/2	1/2
3/4	119,146	3/4	129,335	137,091	144,847	152,432	3/4	3/4	3/4	3/4	3/4
1	119,396	1	129,496	137,253	145,009	152,548	1	1	1	1	1
1/4	119,646	1/4	129,658	137,414	145,171	152,617	1/4	1/4	1/4	1/4	1/4
1/2	119,896	1/2	129,820	137,576	145,332	152,687	1/2	1/2	1/2	1/2	1/2
3/4	120,146	3/4	129,981	137,737	145,494	152,757	3/4	3/4	3/4	3/4	3/4
2	120,396	2	130,143	137,899	145,655	152,827	2	2	2	2	2
1/4	120,646	1/4	130,304	138,061	145,817	152,878	1/4	1/4	1/4	1/4	1/4
1/2	120,896	1/2	130,466	138,222	145,979	152,929	1/2	1/2	1/2	1/2	1/2
3/4	121,146	3/4	130,628	138,384	146,140	152,981	3/4	3/4	3/4	3/4	3/4
3	121,396	3	130,789	138,545	146,302	153,032	3	3	3	3	3
1/4	121,646	1/4	130,951	138,707	146,463	153,083	1/4	1/4	1/4	1/4	1/4
1/2	121,896	1/2	131,112	138,869	146,625	153,134	1/2	1/2	1/2	1/2	1/2
3/4	122,146	3/4	131,274	139,030	146,786	153,185	3/4	3/4	3/4	3/4	3/4
4	122,396	4	131,435	139,192	146,948	153,236	4	4	4	4	4
1/4	122,647	1/4	131,597	139,353	147,110	153,287	1/4	1/4	1/4	1/4	1/4
1/2	122,897	1/2	131,759	139,515	147,271	153,338	1/2	1/2	1/2	1/2	1/2
3/4	123,147	3/4	131,920	139,677	147,433	153,389	3/4	3/4	3/4	3/4	3/4
5	123,397	5	132,082	139,838	147,594	153,440	5	5	5	5	5
1/4	123,647	1/4	132,243	140,000	147,756	153,491	1/4	1/4	1/4	1/4	1/4
1/2	123,897	1/2	132,405	140,161	147,918	153,542	1/2	1/2	1/2	1/2	1/2
3/4	124,147	3/4	132,567	140,323	148,079	153,593	3/4	3/4	3/4	3/4	3/4
6	124,397	6	132,728	140,484	148,241	153,644	6	6	6	6	6
1/4	124,647	1/4	132,890	140,646	148,402	153,695	1/4	1/4	1/4	1/4	1/4
1/2	124,897	1/2	133,051	140,808	148,564	153,746	1/2	1/2	1/2	1/2	1/2
3/4	125,147	3/4	133,213	140,969	148,726	153,797	3/4	3/4	3/4	3/4	3/4
7	125,397	7	133,375	141,131	148,887	153,848	7	7	7	7	7
1/4	125,614	1/4	133,536	141,292	149,049	153,899	1/4	1/4	1/4	1/4	1/4
1/2	125,831	1/2	133,698	141,454	149,210	153,950	1/2	1/2	1/2	1/2	1/2
3/4	126,048	3/4	133,859	141,616	149,372	154,001	3/4	3/4	3/4	3/4	3/4
8	126,265	8	134,021	141,777	149,533	154,052	8	8	8	8	8
1/4	126,426	1/4	134,183	141,939	149,695	154,103	1/4	1/4	1/4	1/4	1/4
1/2	126,588	1/2	134,344	142,100	149,857	154,154	1/2	1/2	1/2	1/2	1/2
3/4	126,749	3/4	134,506	142,262	150,018	154,205	3/4	3/4	3/4	3/4	3/4
9	126,911	9	134,667	142,424	150,180	154,256	9	9	9	9	9
1/4	127,073	1/4	134,829	142,585	150,341	154,307	1/4	1/4	1/4	1/4	1/4
1/2	127,234	1/2	134,990	142,747	150,503	154,358	1/2	1/2	1/2	1/2	1/2
3/4	127,396	3/4	135,152	142,908	150,664	154,409	3/4	3/4	3/4	3/4	3/4
10	127,557	10	135,314	143,070	150,826	154,460	10	10	10	10	10
1/4	127,719	1/4	135,475	143,232	150,986	154,511	1/4	1/4	1/4	1/4	1/4
1/2	127,881	1/2	135,637	143,393	151,147	154,562	1/2	1/2	1/2	1/2	1/2
3/4	128,042	3/4	135,798	143,555	151,308	154,613	3/4	3/4	3/4	3/4	3/4
11	128,204	11	135,960	143,716	151,469	154,664	11	11	11	11	11
1/4	128,365	1/4	136,122	143,878	151,623	154,715	1/4	1/4	1/4	1/4	1/4
1/2	128,527	1/2	136,283	144,039	151,777	154,766	1/2	1/2	1/2	1/2	1/2
3/4	128,688	3/4	136,445	144,201	151,932	154,817	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/18/2015 CL  
 CALCULATED: 06/18/2015 CL  
 PRINTED: 06/22/2015 CL  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 06/2015

PRECISION MEASUREMENT  
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# BARGE "IB 1956"

## 2 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN WHOLE GALLONS		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	86	0	10,447	0	21,959	0	33,290	0	44,700	0	56,213	0	67,725	0	79,237	0	90,749	0	102,262
1/4	156	1/4	10,687	1/4	22,199	1/4	33,523	1/4	44,940	1/4	56,453	1/4	67,965	1/4	79,477	1/4	90,989	1/4	102,501
1/2	226	1/2	10,927	1/2	22,439	1/2	33,756	1/2	45,180	1/2	56,692	1/2	68,205	1/2	79,717	1/2	91,229	1/2	102,741
3/4	296	3/4	11,167	3/4	22,678	3/4	33,989	3/4	45,420	3/4	56,932	3/4	68,444	3/4	79,957	3/4	91,469	3/4	102,981
1	366	1	11,407	1	22,918	1	34,221	1	45,660	1	57,172	1	68,684	1	80,196	1	91,709	1	103,221
1/4	516	1/4	11,646	1/4	23,158	1/4	34,454	1/4	45,900	1/4	57,412	1/4	68,924	1/4	80,436	1/4	91,949	1/4	103,461
1/2	666	1/2	11,886	1/2	23,398	1/2	34,687	1/2	46,140	1/2	57,652	1/2	69,164	1/2	80,676	1/2	92,188	1/2	103,701
3/4	816	3/4	12,126	3/4	23,638	3/4	34,920	3/4	46,379	3/4	57,892	3/4	69,404	3/4	80,916	3/4	92,428	3/4	103,940
2	965	2	12,366	2	23,878	2	35,153	2	46,619	2	58,131	2	69,644	2	81,156	2	92,668	2	104,180
1/4	1,179	1/4	12,606	1/4	24,117	1/4	35,385	1/4	46,859	1/4	58,371	1/4	69,883	1/4	81,396	1/4	92,908	1/4	104,420
1/2	1,333	1/2	12,846	1/2	24,357	1/2	35,618	1/2	47,099	1/2	58,611	1/2	70,123	1/2	81,636	1/2	93,148	1/2	104,660
3/4	1,607	3/4	13,085	3/4	24,597	3/4	35,851	3/4	47,339	3/4	58,851	3/4	70,363	3/4	81,875	3/4	93,388	3/4	104,900
3	1,821	3	13,325	3	24,837	3	36,084	3	47,579	3	59,091	3	70,603	3	82,115	3	93,627	3	105,140
1/4	2,060	1/4	13,565	1/4	25,077	1/4	36,319	1/4	47,818	1/4	59,331	1/4	70,843	1/4	82,355	1/4	93,867	1/4	105,379
1/2	2,298	1/2	13,805	1/2	25,317	1/2	36,555	1/2	48,058	1/2	59,570	1/2	71,083	1/2	82,595	1/2	94,107	1/2	105,619
3/4	2,536	3/4	14,045	3/4	25,556	3/4	36,790	3/4	48,298	3/4	59,810	3/4	71,322	3/4	82,835	3/4	94,347	3/4	105,859
4	2,775	4	14,284	4	25,796	4	37,026	4	48,538	4	60,050	4	71,562	4	83,075	4	94,587	4	106,099
1/4	3,014	1/4	14,524	1/4	26,036	1/4	37,266	1/4	48,778	1/4	60,290	1/4	71,802	1/4	83,314	1/4	94,827	1/4	106,339
1/2	3,254	1/2	14,764	1/2	26,276	1/2	37,505	1/2	49,018	1/2	60,530	1/2	72,042	1/2	83,554	1/2	95,066	1/2	106,579
3/4	3,493	3/4	15,004	3/4	26,516	3/4	37,745	3/4	49,257	3/4	60,770	3/4	72,282	3/4	83,794	3/4	95,306	3/4	106,818
5	3,732	5	15,244	5	26,756	5	37,985	5	49,497	5	61,009	5	72,522	5	84,034	5	95,546	5	107,058
1/4	3,972	1/4	15,484	1/4	26,993	1/4	38,225	1/4	49,737	1/4	61,249	1/4	72,762	1/4	84,274	1/4	95,786	1/4	107,298
1/2	4,212	1/2	15,723	1/2	27,230	1/2	38,465	1/2	49,977	1/2	61,489	1/2	73,001	1/2	84,514	1/2	96,026	1/2	107,538
3/4	4,452	3/4	15,963	3/4	27,467	3/4	38,705	3/4	50,217	3/4	61,729	3/4	73,241	3/4	84,753	3/4	96,266	3/4	107,778
6	4,692	6	16,203	6	27,704	6	38,944	6	50,457	6	61,969	6	73,481	6	84,993	6	96,505	6	108,018
1/4	4,931	1/4	16,443	1/4	27,937	1/4	39,184	1/4	50,696	1/4	62,209	1/4	73,721	1/4	85,233	1/4	96,745	1/4	108,257
1/2	5,171	1/2	16,683	1/2	28,170	1/2	39,424	1/2	50,936	1/2	62,448	1/2	73,961	1/2	85,473	1/2	96,985	1/2	108,497
3/4	5,411	3/4	16,923	3/4	28,403	3/4	39,664	3/4	51,176	3/4	62,688	3/4	74,201	3/4	85,713	3/4	97,225	3/4	108,737
7	5,651	7	17,162	7	28,635	7	39,904	7	51,416	7	62,928	7	74,440	7	85,953	7	97,465	7	108,977
1/4	5,891	1/4	17,402	1/4	28,868	1/4	40,144	1/4	51,656	1/4	63,168	1/4	74,680	1/4	86,192	1/4	97,705	1/4	109,217
1/2	6,130	1/2	17,642	1/2	29,101	1/2	40,383	1/2	51,896	1/2	63,408	1/2	74,920	1/2	86,432	1/2	97,944	1/2	109,457
3/4	6,370	3/4	17,882	3/4	29,334	3/4	40,623	3/4	52,135	3/4	63,648	3/4	75,160	3/4	86,672	3/4	98,184	3/4	109,697
8	6,610	8	18,122	8	29,566	8	40,863	8	52,375	8	63,888	8	75,400	8	86,912	8	98,424	8	109,936
1/4	6,850	1/4	18,362	1/4	29,799	1/4	41,103	1/4	52,615	1/4	64,127	1/4	75,640	1/4	87,152	1/4	98,664	1/4	110,176
1/2	7,090	1/2	18,601	1/2	30,032	1/2	41,343	1/2	52,855	1/2	64,367	1/2	75,879	1/2	87,392	1/2	98,904	1/2	110,416
3/4	7,330	3/4	18,841	3/4	30,265	3/4	41,583	3/4	53,095	3/4	64,607	3/4	76,119	3/4	87,631	3/4	99,144	3/4	110,656
9	7,569	9	19,081	9	30,497	9	41,822	9	53,335	9	64,847	9	76,359	9	87,871	9	99,383	9	110,896
1/4	7,809	1/4	19,321	1/4	30,730	1/4	42,062	1/4	53,574	1/4	65,087	1/4	76,599	1/4	88,111	1/4	99,623	1/4	111,136
1/2	8,049	1/2	19,561	1/2	30,963	1/2	42,302	1/2	53,814	1/2	65,327	1/2	76,839	1/2	88,351	1/2	99,863	1/2	111,375
3/4	8,289	3/4	19,801	3/4	31,196	3/4	42,542	3/4	54,054	3/4	65,566	3/4	77,079	3/4	88,591	3/4	100,103	3/4	111,615
10	8,529	10	20,040	10	31,428	10	42,782	10	54,294	10	65,806	10	77,318	10	88,831	10	100,343	10	111,855
1/4	8,768	1/4	20,280	1/4	31,661	1/4	43,022	1/4	54,534	1/4	66,046	1/4	77,558	1/4	89,070	1/4	100,583	1/4	112,095
1/2	9,008	1/2	20,520	1/2	31,894	1/2	43,261	1/2	54,774	1/2	66,286	1/2	77,798	1/2	89,310	1/2	100,823	1/2	112,335
3/4	9,248	3/4	20,760	3/4	32,127	3/4	43,501	3/4	55,014	3/4	66,526	3/4	78,038	3/4	89,550	3/4	101,062	3/4	112,575
11	9,488	11	21,000	11	32,359	11	43,741	11	55,253	11	66,766	11	78,278	11	89,790	11	101,302	11	112,814
1/4	9,728	1/4	21,240	1/4	32,592	1/4	43,981	1/4	55,493	1/4	67,005	1/4	78,518	1/4	90,030	1/4	101,542	1/4	113,054
1/2	9,968	1/2	21,479	1/2	32,825	1/2	44,221	1/2	55,733	1/2	67,245	1/2	78,757	1/2	90,270	1/2	101,782	1/2	113,294
3/4	10,207	3/4	21,719	3/4	33,058	3/4	44,461	3/4	55,973	3/4	67,485	3/4	78,997	3/4	90,509	3/4	102,022	3/4	113,534

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPIMS 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 1956"

## 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.
0	113,774	0	136,798	0	148,310	0	159,791	0	0	0
1/4	114,014	1/4	137,038	1/4	148,550	1/4	159,986	1/4	1/4	1/4
1/2	114,253	1/2	137,278	1/2	148,790	1/2	160,182	1/2	1/2	1/2
3/4	114,493	3/4	137,518	3/4	149,030	3/4	160,378	3/4	3/4	3/4
1	114,733	1	137,758	1	149,270	1	160,573	1	1	1
1/4	114,973	1/4	137,997	1/4	149,510	1/4	160,693	1/4	1/4	1/4
1/2	115,213	1/2	138,237	1/2	149,749	1/2	160,813	1/2	1/2	1/2
3/4	115,453	3/4	138,477	3/4	149,989	3/4	160,933	3/4	3/4	3/4
2	115,692	2	138,717	2	150,229	2	161,053	2	2	2
1/4	115,932	1/4	138,957	1/4	150,469	1/4	161,102	1/4	1/4	1/4
1/2	116,172	1/2	139,197	1/2	150,709	1/2	161,152	1/2	1/2	1/2
3/4	116,412	3/4	139,436	3/4	150,949	3/4	161,201	3/4	3/4	3/4
3	116,652	3	139,676	3	151,188	3	161,250	3	3	3
1/4	116,892	1/4	139,916	1/4	151,428	1/4	161,299	1/4	1/4	1/4
1/2	117,131	1/2	140,156	1/2	151,668	1/2	161,348	1/2	1/2	1/2
3/4	117,371	3/4	140,396	3/4	151,908	3/4	161,397	3/4	3/4	3/4
4	117,611	4	140,636	4	152,148	4	161,446	4	4	4
1/4	117,851	1/4	140,875	1/4	152,388	1/4	161,495	1/4	1/4	1/4
1/2	118,091	1/2	141,115	1/2	152,627	1/2	161,544	1/2	1/2	1/2
3/4	118,331	3/4	141,355	3/4	152,867	3/4	161,593	3/4	3/4	3/4
5	118,571	5	141,595	5	153,107	5	161,642	5	5	5
1/4	118,810	1/4	141,835	1/4	153,347	1/4	161,691	1/4	1/4	1/4
1/2	119,050	1/2	142,075	1/2	153,587	1/2	161,740	1/2	1/2	1/2
3/4	119,290	3/4	142,314	3/4	153,827	3/4	161,789	3/4	3/4	3/4
6	119,530	6	142,554	6	154,067	6	161,838	6	6	6
1/4	119,770	1/4	142,794	1/4	154,306	1/4	161,887	1/4	1/4	1/4
1/2	120,010	1/2	143,034	1/2	154,546	1/2	161,936	1/2	1/2	1/2
3/4	120,249	3/4	143,274	3/4	154,786	3/4	161,985	3/4	3/4	3/4
7	120,489	7	143,514	7	155,026	7	162,034	7	7	7
1/4	120,729	1/4	143,753	1/4	155,266	1/4	162,083	1/4	1/4	1/4
1/2	120,969	1/2	143,993	1/2	155,506	1/2	162,132	1/2	1/2	1/2
3/4	121,209	3/4	144,233	3/4	155,745	3/4	162,181	3/4	3/4	3/4
8	121,449	8	144,473	8	155,985	8	162,230	8	8	8
1/4	121,688	1/4	144,713	1/4	156,225	1/4	162,279	1/4	1/4	1/4
1/2	121,928	1/2	144,953	1/2	156,465	1/2	162,328	1/2	1/2	1/2
3/4	122,168	3/4	145,193	3/4	156,705	3/4	162,377	3/4	3/4	3/4
9	122,408	9	145,432	9	156,945	9	162,426	9	9	9
1/4	122,648	1/4	145,672	1/4	157,184	1/4	162,475	1/4	1/4	1/4
1/2	122,888	1/2	145,912	1/2	157,424	1/2	162,524	1/2	1/2	1/2
3/4	123,127	3/4	146,152	3/4	157,664	3/4	162,573	3/4	3/4	3/4
10	123,367	10	146,392	10	157,903	10	162,622	10	10	10
1/4	123,607	1/4	146,632	1/4	158,142	1/4	162,671	1/4	1/4	1/4
1/2	123,847	1/2	146,871	1/2	158,382	1/2	162,720	1/2	1/2	1/2
3/4	124,087	3/4	147,111	3/4	158,621	3/4	162,769	3/4	3/4	3/4
11	124,327	11	147,351	11	158,860	11	162,818	11	11	11
1/4	124,566	1/4	147,591	1/4	159,099	1/4	162,867	1/4	1/4	1/4
1/2	124,806	1/2	147,831	1/2	159,325	1/2	162,916	1/2	1/2	1/2
3/4	125,046	3/4	148,071	3/4	159,558	3/4	162,965	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/18/2015 CL  
 CALCULATED: 06/18/2015 CL  
 PRINTED: 06/22/2015 CL  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 06/2015

PRECISION MEASUREMENT  
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# BARGE "IB 1956"

# 3 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.	
0	86	0	10,375	0	21,808	0	33,229	0	44,656	0	56,088	0	67,521	0	78,954	0	90,387	0	101,820
1/4	155	1/4	10,614	1/4	22,046	1/4	33,467	1/4	44,894	1/4	56,327	1/4	67,760	1/4	79,192	1/4	90,625	1/4	102,058
1/2	225	1/2	10,852	1/2	22,284	1/2	33,704	1/2	45,132	1/2	56,565	1/2	67,998	1/2	79,431	1/2	90,863	1/2	102,296
3/4	294	3/4	11,090	3/4	22,522	3/4	33,942	3/4	45,370	3/4	56,803	3/4	68,236	3/4	79,669	3/4	91,102	3/4	102,534
1	364	1	11,328	1	22,761	1	34,180	1	45,608	1	57,041	1	68,474	1	79,907	1	91,340	1	102,773
1/4	513	1/4	11,566	1/4	22,999	1/4	34,418	1/4	45,847	1/4	57,279	1/4	68,712	1/4	80,145	1/4	91,578	1/4	103,011
1/2	661	1/2	11,804	1/2	23,237	1/2	34,655	1/2	46,085	1/2	57,518	1/2	68,950	1/2	80,383	1/2	91,816	1/2	103,249
3/4	810	3/4	12,043	3/4	23,475	3/4	34,893	3/4	46,323	3/4	57,756	3/4	69,189	3/4	80,622	3/4	92,054	3/4	103,487
2	959	2	12,281	2	23,713	2	35,131	2	46,561	2	57,994	2	69,427	2	80,860	2	92,293	2	103,725
1/4	1,122	1/4	12,519	1/4	23,951	1/4	35,369	1/4	46,799	1/4	58,232	1/4	69,665	1/4	81,098	1/4	92,531	1/4	103,964
1/2	1,384	1/2	12,757	1/2	24,190	1/2	35,606	1/2	47,037	1/2	58,470	1/2	69,903	1/2	81,336	1/2	92,769	1/2	104,202
3/4	1,597	3/4	12,995	3/4	24,428	3/4	35,844	3/4	47,276	3/4	58,709	3/4	70,141	3/4	81,574	3/4	93,007	3/4	104,440
3	1,809	3	13,234	3	24,666	3	36,082	3	47,514	3	58,947	3	70,380	3	81,812	3	93,245	3	104,678
1/4	2,046	1/4	13,472	1/4	24,904	1/4	36,320	1/4	47,752	1/4	59,185	1/4	70,618	1/4	82,051	1/4	93,483	1/4	104,916
1/2	2,282	1/2	13,710	1/2	25,142	1/2	36,558	1/2	47,990	1/2	59,423	1/2	70,856	1/2	82,289	1/2	93,722	1/2	105,155
3/4	2,519	3/4	13,948	3/4	25,380	3/4	36,796	3/4	48,228	3/4	59,661	3/4	71,094	3/4	82,527	3/4	93,960	3/4	105,393
4	2,756	4	14,186	4	25,619	4	37,034	4	48,467	4	59,899	4	71,332	4	82,765	4	94,198	4	105,631
1/4	2,994	1/4	14,424	1/4	25,857	1/4	37,272	1/4	48,705	1/4	60,138	1/4	71,570	1/4	83,003	1/4	94,436	1/4	105,869
1/2	3,231	1/2	14,663	1/2	26,095	1/2	37,510	1/2	48,943	1/2	60,376	1/2	71,809	1/2	83,242	1/2	94,674	1/2	106,107
3/4	3,469	3/4	14,901	3/4	26,333	3/4	37,748	3/4	49,181	3/4	60,614	3/4	72,047	3/4	83,480	3/4	94,913	3/4	106,345
5	3,707	5	15,139	5	26,571	5	37,986	5	49,419	5	60,852	5	72,285	5	83,718	5	95,151	5	106,584
1/4	3,945	1/4	15,377	1/4	26,809	1/4	38,225	1/4	49,658	1/4	61,090	1/4	72,523	1/4	83,956	1/4	95,389	1/4	106,822
1/2	4,183	1/2	15,615	1/2	27,047	1/2	38,463	1/2	49,896	1/2	61,329	1/2	72,761	1/2	84,194	1/2	95,627	1/2	107,060
3/4	4,421	3/4	15,853	3/4	27,285	3/4	38,701	3/4	50,134	3/4	61,567	3/4	73,000	3/4	84,432	3/4	95,865	3/4	107,298
6	4,659	6	16,092	6	27,523	6	38,939	6	50,372	6	61,805	6	73,238	6	84,671	6	96,104	6	107,536
1/4	4,898	1/4	16,330	1/4	27,761	1/4	39,177	1/4	50,610	1/4	62,043	1/4	73,476	1/4	84,909	1/4	96,342	1/4	107,775
1/2	5,136	1/2	16,568	1/2	27,999	1/2	39,416	1/2	50,848	1/2	62,281	1/2	73,714	1/2	85,147	1/2	96,580	1/2	108,013
3/4	5,374	3/4	16,806	3/4	28,237	3/4	39,654	3/4	51,087	3/4	62,519	3/4	73,952	3/4	85,385	3/4	96,818	3/4	108,251
7	5,612	7	17,044	7	28,474	7	39,892	7	51,325	7	62,758	7	74,191	7	85,623	7	97,056	7	108,489
1/4	5,850	1/4	17,282	1/4	28,712	1/4	40,130	1/4	51,563	1/4	62,996	1/4	74,429	1/4	85,862	1/4	97,294	1/4	108,727
1/2	6,088	1/2	17,521	1/2	28,950	1/2	40,368	1/2	51,801	1/2	63,234	1/2	74,667	1/2	86,100	1/2	97,533	1/2	108,965
3/4	6,327	3/4	17,759	3/4	29,187	3/4	40,606	3/4	52,039	3/4	63,472	3/4	74,905	3/4	86,338	3/4	97,771	3/4	109,204
8	6,565	8	17,997	8	29,425	8	40,845	8	52,278	8	63,710	8	75,143	8	86,576	8	98,009	8	109,442
1/4	6,803	1/4	18,235	1/4	29,663	1/4	41,083	1/4	52,516	1/4	63,949	1/4	75,381	1/4	86,814	1/4	98,247	1/4	109,680
1/2	7,041	1/2	18,473	1/2	29,901	1/2	41,321	1/2	52,754	1/2	64,187	1/2	75,620	1/2	87,052	1/2	98,485	1/2	109,918
3/4	7,279	3/4	18,712	3/4	30,138	3/4	41,559	3/4	52,992	3/4	64,425	3/4	75,858	3/4	87,291	3/4	98,724	3/4	110,156
9	7,517	9	18,950	9	30,376	9	41,797	9	53,230	9	64,663	9	76,096	9	87,529	9	98,962	9	110,395
1/4	7,756	1/4	19,188	1/4	30,614	1/4	42,036	1/4	53,468	1/4	64,901	1/4	76,334	1/4	87,767	1/4	99,200	1/4	110,633
1/2	7,994	1/2	19,426	1/2	30,852	1/2	42,274	1/2	53,707	1/2	65,140	1/2	76,572	1/2	88,005	1/2	99,438	1/2	110,871
3/4	8,232	3/4	19,664	3/4	31,089	3/4	42,512	3/4	53,945	3/4	65,378	3/4	76,811	3/4	88,243	3/4	99,676	3/4	111,109
10	8,470	10	19,902	10	31,327	10	42,750	10	54,183	10	65,616	10	77,049	10	88,482	10	99,914	10	111,347
1/4	8,708	1/4	20,141	1/4	31,565	1/4	42,988	1/4	54,421	1/4	65,854	1/4	77,287	1/4	88,720	1/4	100,153	1/4	111,586
1/2	8,946	1/2	20,379	1/2	31,803	1/2	43,227	1/2	54,659	1/2	66,092	1/2	77,525	1/2	88,958	1/2	100,391	1/2	111,824
3/4	9,185	3/4	20,617	3/4	32,040	3/4	43,465	3/4	54,898	3/4	66,330	3/4	77,763	3/4	89,196	3/4	100,629	3/4	112,062
11	9,423	11	20,855	11	32,278	11	43,703	11	55,136	11	66,569	11	78,001	11	89,434	11	100,867	11	112,300
1/4	9,661	1/4	21,093	1/4	32,516	1/4	43,941	1/4	55,374	1/4	66,807	1/4	78,240	1/4	89,673	1/4	101,105	1/4	112,538
1/2	9,899	1/2	21,331	1/2	32,753	1/2	44,179	1/2	55,612	1/2	67,045	1/2	78,478	1/2	89,911	1/2	101,344	1/2	112,776
3/4	10,137	3/4	21,570	3/4	32,991	3/4	44,417	3/4	55,850	3/4	67,283	3/4	78,716	3/4	90,149	3/4	101,582	3/4	113,015

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.

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# BARGE "IB 1956"

## 3 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.
0	113,253	0	124,886	0	147,551	0	158,953	0	0	0
1/4	113,491	1/4	136,119	1/4	147,551	1/4	159,147	1/4	1/4	1/4
1/2	113,729	1/2	136,357	1/2	148,028	1/2	159,341	1/2	1/2	1/2
3/4	113,967	3/4	136,595	3/4	148,266	3/4	159,535	3/4	3/4	3/4
1	114,206	1	136,833	1	148,504	1	159,730	1	1	1
1/4	114,444	1/4	137,071	1/4	148,504	1/4	159,730	1/4	1/4	1/4
1/2	114,682	1/2	137,309	1/2	148,742	1/2	159,968	1/2	1/2	1/2
3/4	114,920	3/4	137,548	3/4	148,980	3/4	160,087	3/4	3/4	3/4
2	115,158	2	137,786	2	149,219	2	160,206	2	2	2
1/4	115,396	1/4	138,024	1/4	149,457	1/4	160,255	1/4	1/4	1/4
1/2	115,635	1/2	138,262	1/2	149,695	1/2	160,304	1/2	1/2	1/2
3/4	115,873	3/4	138,500	3/4	149,933	3/4	160,353	3/4	3/4	3/4
3	116,111	3	138,739	3	150,171	3	160,402	3	3	3
1/4	116,349	1/4	138,977	1/4	150,410	1/4	160,402	1/4	1/4	1/4
1/2	116,587	1/2	139,215	1/2	150,648	1/2	160,402	1/2	1/2	1/2
3/4	116,826	3/4	139,453	3/4	150,886	3/4	160,402	3/4	3/4	3/4
4	117,064	4	139,691	4	151,124	4	160,402	4	4	4
1/4	117,302	1/4	139,929	1/4	151,362	1/4	160,402	1/4	1/4	1/4
1/2	117,540	1/2	140,168	1/2	151,601	1/2	160,402	1/2	1/2	1/2
3/4	117,778	3/4	140,406	3/4	151,839	3/4	160,402	3/4	3/4	3/4
5	118,016	5	140,644	5	152,077	5	160,402	5	5	5
1/4	118,255	1/4	140,882	1/4	152,315	1/4	160,402	1/4	1/4	1/4
1/2	118,493	1/2	141,120	1/2	152,553	1/2	160,402	1/2	1/2	1/2
3/4	118,731	3/4	141,359	3/4	152,791	3/4	160,402	3/4	3/4	3/4
6	118,969	6	141,597	6	153,030	6	160,402	6	6	6
1/4	119,207	1/4	141,835	1/4	153,268	1/4	160,402	1/4	1/4	1/4
1/2	119,446	1/2	142,073	1/2	153,506	1/2	160,402	1/2	1/2	1/2
3/4	119,684	3/4	142,311	3/4	153,744	3/4	160,402	3/4	3/4	3/4
7	119,922	7	142,550	7	153,982	7	160,402	7	7	7
1/4	120,160	1/4	142,788	1/4	154,221	1/4	160,402	1/4	1/4	1/4
1/2	120,398	1/2	143,026	1/2	154,459	1/2	160,402	1/2	1/2	1/2
3/4	120,637	3/4	143,264	3/4	154,697	3/4	160,402	3/4	3/4	3/4
8	120,875	8	143,502	8	154,935	8	160,402	8	8	8
1/4	121,113	1/4	143,740	1/4	155,173	1/4	160,402	1/4	1/4	1/4
1/2	121,351	1/2	143,979	1/2	155,411	1/2	160,402	1/2	1/2	1/2
3/4	121,589	3/4	144,217	3/4	155,650	3/4	160,402	3/4	3/4	3/4
9	121,827	9	144,455	9	155,888	9	160,402	9	9	9
1/4	122,066	1/4	144,693	1/4	156,126	1/4	160,402	1/4	1/4	1/4
1/2	122,304	1/2	144,931	1/2	156,364	1/2	160,402	1/2	1/2	1/2
3/4	122,542	3/4	145,170	3/4	156,602	3/4	160,402	3/4	3/4	3/4
10	122,780	10	145,408	10	156,840	10	160,402	10	10	10
1/4	123,018	1/4	145,646	1/4	157,078	1/4	160,402	1/4	1/4	1/4
1/2	123,257	1/2	145,884	1/2	157,316	1/2	160,402	1/2	1/2	1/2
3/4	123,495	3/4	146,122	3/4	157,553	3/4	160,402	3/4	3/4	3/4
11	123,733	11	146,360	11	157,791	11	160,402	11	11	11
1/4	123,971	1/4	146,599	1/4	158,028	1/4	160,402	1/4	1/4	1/4
1/2	124,209	1/2	146,837	1/2	158,266	1/2	160,402	1/2	1/2	1/2
3/4	124,447	3/4	147,075	3/4	158,504	3/4	160,402	3/4	3/4	3/4
			147,313		158,742		160,402			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/18/2015 CL  
CALCULATED: 06/18/2015 CL  
PRINTED: 06/22/2015 CL  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2015

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