



# BARGE "IB 1957"

## 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:

$$\begin{aligned}
 \text{FWD. DRAFT} &= 2'-00" \\
 \text{AFT DRAFT} &= 4'-00" \\
 \text{DIFF.} &= 2'-00" \quad (\text{DOWN BY STERN})
 \end{aligned}$$

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 24, 2015

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "IB 1957"

# 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.	
WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.	WT.
0	89	0	10,900	0	34,720	0	46,614	0	58,502	0	70,374	0	82,188	0	94,563	0	106,557	0	118,000
1/4	162	1/4	11,150	1/4	34,963	1/4	46,864	1/4	58,751	1/4	70,624	1/4	82,438	1/4	94,813	1/4	106,807	1/4	118,250
1/2	235	1/2	11,400	1/2	35,207	1/2	47,114	1/2	59,001	1/2	70,872	1/2	82,686	1/2	95,061	1/2	107,055	1/2	118,500
3/4	308	3/4	11,650	3/4	35,450	3/4	47,363	3/4	59,249	3/4	71,008	3/4	82,822	3/4	95,197	3/4	107,191	3/4	118,750
1	381	1	11,900	1	35,693	1	47,613	1	59,509	1	71,153	1	82,967	1	95,342	1	107,337	1	119,000
1/4	538	1/4	12,149	1/4	35,936	1/4	47,863	1/4	59,849	1/4	71,393	1/4	83,207	1/4	95,582	1/4	107,531	1/4	119,250
1/2	694	1/2	12,399	1/2	36,180	1/2	48,113	1/2	60,098	1/2	71,633	1/2	83,447	1/2	95,826	1/2	107,780	1/2	119,500
3/4	851	3/4	12,649	3/4	36,423	3/4	48,357	3/4	60,347	3/4	71,877	3/4	83,691	3/4	96,070	3/4	108,030	3/4	119,750
2	1,007	2	12,899	2	36,666	2	48,612	2	60,596	2	72,022	2	83,836	2	96,214	2	108,280	2	120,000
1/4	1,230	1/4	13,149	1/4	36,909	1/4	48,862	1/4	60,846	1/4	72,172	1/4	83,986	1/4	96,364	1/4	108,530	1/4	120,250
1/2	1,454	1/2	13,399	1/2	37,153	1/2	49,112	1/2	61,095	1/2	72,322	1/2	84,136	1/2	96,512	1/2	108,780	1/2	120,500
3/4	1,677	3/4	13,649	3/4	37,396	3/4	49,362	3/4	61,344	3/4	72,472	3/4	84,286	3/4	96,660	3/4	109,030	3/4	120,750
3	1,901	3	13,899	3	37,639	3	49,611	3	61,594	3	72,622	3	84,436	3	96,808	3	109,280	3	121,000
1/4	2,150	1/4	14,149	1/4	37,885	1/4	49,861	1/4	61,843	1/4	72,772	1/4	84,586	1/4	96,956	1/4	109,530	1/4	121,250
1/2	2,398	1/2	14,399	1/2	38,130	1/2	50,111	1/2	62,092	1/2	72,922	1/2	84,736	1/2	97,104	1/2	109,780	1/2	121,500
3/4	2,647	3/4	14,648	3/4	38,376	3/4	50,361	3/4	62,341	3/4	73,072	3/4	84,886	3/4	97,252	3/4	110,030	3/4	121,750
4	2,896	4	14,898	4	38,622	4	50,610	4	62,591	4	73,222	4	85,036	4	97,400	4	110,280	4	122,000
1/4	3,146	1/4	15,148	1/4	38,872	1/4	50,860	1/4	62,840	1/4	73,372	1/4	85,186	1/4	97,548	1/4	110,530	1/4	122,250
1/2	3,396	1/2	15,398	1/2	39,121	1/2	51,110	1/2	63,089	1/2	73,522	1/2	85,336	1/2	97,696	1/2	110,780	1/2	122,500
3/4	3,646	3/4	15,648	3/4	39,371	3/4	51,360	3/4	63,339	3/4	73,672	3/4	85,486	3/4	97,844	3/4	111,030	3/4	122,750
5	3,896	5	15,898	5	39,621	5	51,609	5	63,588	5	73,822	5	85,636	5	97,992	5	111,280	5	123,000
1/4	4,146	1/4	16,148	1/4	39,871	1/4	51,859	1/4	63,837	1/4	73,972	1/4	85,786	1/4	98,140	1/4	111,530	1/4	123,250
1/2	4,397	1/2	16,398	1/2	40,120	1/2	52,109	1/2	64,086	1/2	74,122	1/2	85,936	1/2	98,288	1/2	111,780	1/2	123,500
3/4	4,647	3/4	16,648	3/4	40,370	3/4	52,359	3/4	64,336	3/4	74,272	3/4	86,086	3/4	98,436	3/4	112,030	3/4	123,750
6	4,897	6	16,898	6	40,620	6	52,608	6	64,585	6	74,422	6	86,236	6	98,584	6	112,280	6	124,000
1/4	5,148	1/4	17,147	1/4	40,870	1/4	52,858	1/4	64,834	1/4	74,572	1/4	86,386	1/4	98,732	1/4	112,530	1/4	124,250
1/2	5,398	1/2	17,397	1/2	41,119	1/2	53,108	1/2	65,084	1/2	74,722	1/2	86,536	1/2	98,880	1/2	112,780	1/2	124,500
3/4	5,648	3/4	17,647	3/4	41,369	3/4	53,358	3/4	65,333	3/4	74,872	3/4	86,686	3/4	99,028	3/4	113,030	3/4	124,750
7	5,899	7	17,897	7	41,619	7	53,608	7	65,582	7	75,022	7	86,836	7	99,176	7	113,280	7	125,000
1/4	6,149	1/4	18,147	1/4	41,869	1/4	53,858	1/4	65,831	1/4	75,172	1/4	86,986	1/4	99,324	1/4	113,530	1/4	125,250
1/2	6,399	1/2	18,397	1/2	42,118	1/2	54,107	1/2	66,081	1/2	75,322	1/2	87,136	1/2	99,472	1/2	113,780	1/2	125,500
3/4	6,649	3/4	18,647	3/4	42,368	3/4	54,357	3/4	66,330	3/4	75,472	3/4	87,286	3/4	99,620	3/4	114,030	3/4	125,750
8	6,899	8	18,897	8	42,618	8	54,607	8	66,579	8	75,622	8	87,436	8	99,768	8	114,280	8	126,000
1/4	7,149	1/4	19,147	1/4	42,868	1/4	54,856	1/4	66,829	1/4	75,772	1/4	87,586	1/4	99,916	1/4	114,530	1/4	126,250
1/2	7,399	1/2	19,397	1/2	43,118	1/2	55,106	1/2	67,078	1/2	75,922	1/2	87,736	1/2	99,964	1/2	114,780	1/2	126,500
3/4	7,649	3/4	19,646	3/4	43,367	3/4	55,356	3/4	67,327	3/4	76,072	3/4	87,886	3/4	100,112	3/4	115,030	3/4	126,750
9	7,899	9	19,896	9	43,617	9	55,606	9	67,577	9	76,222	9	88,036	9	100,260	9	115,280	9	127,000
1/4	8,149	1/4	20,146	1/4	43,867	1/4	55,855	1/4	67,826	1/4	76,372	1/4	88,186	1/4	100,408	1/4	115,530	1/4	127,250
1/2	8,400	1/2	20,396	1/2	44,117	1/2	56,105	1/2	68,076	1/2	76,522	1/2	88,336	1/2	100,556	1/2	115,780	1/2	127,500
3/4	8,650	3/4	20,646	3/4	44,366	3/4	56,355	3/4	68,325	3/4	76,672	3/4	88,486	3/4	100,704	3/4	116,030	3/4	127,750
10	8,900	10	20,896	10	44,616	10	56,605	10	68,575	10	76,822	10	88,636	10	100,852	10	116,280	10	128,000
1/4	9,150	1/4	21,146	1/4	44,866	1/4	56,854	1/4	68,824	1/4	76,972	1/4	88,786	1/4	101,000	1/4	116,530	1/4	128,250
1/2	9,400	1/2	21,396	1/2	45,116	1/2	57,104	1/2	69,074	1/2	77,122	1/2	88,936	1/2	101,148	1/2	116,780	1/2	128,500
3/4	9,650	3/4	21,646	3/4	45,365	3/4	57,354	3/4	69,324	3/4	77,272	3/4	89,086	3/4	101,296	3/4	117,030	3/4	128,750
11	9,900	11	21,896	11	45,615	11	57,604	11	69,574	11	77,422	11	89,236	11	101,444	11	117,280	11	129,000
1/4	10,150	1/4	22,145	1/4	45,865	1/4	57,854	1/4	69,824	1/4	77,572	1/4	89,386	1/4	101,592	1/4	117,530	1/4	129,250
1/2	10,400	1/2	22,395	1/2	46,115	1/2	58,103	1/2	70,074	1/2	77,722	1/2	89,536	1/2	101,740	1/2	117,780	1/2	129,500
3/4	10,650	3/4	22,645	3/4	46,364	3/4	58,352	3/4	70,324	3/4	77,872	3/4	89,686	3/4	101,888	3/4	118,030	3/4	129,750

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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*[Signature]*



# BARGE "IB 1957"

# 1 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	118,555	0	129,023	0	144,556	0	152,290	0	0	0
1/4	118,805	1/4	129,185	1/4	144,718	1/4	152,406	1/4	1/4	1/4
1/2	119,055	1/2	129,347	1/2	144,880	1/2	152,521	1/2	1/2	1/2
3/4	119,306	3/4	129,509	3/4	145,042	3/4	152,637	3/4	3/4	3/4
1	119,556	1	129,670	1	145,204	1	152,752	1	1	1
1/4	119,807	1/4	129,832	1/4	145,366	1/4	152,822	1/4	1/4	1/4
1/2	120,057	1/2	129,994	1/2	145,527	1/2	152,892	1/2	1/2	1/2
3/4	120,307	3/4	130,156	3/4	145,689	3/4	152,962	3/4	3/4	3/4
2	120,558	2	130,318	2	145,851	2	153,032	2	2	2
1/4	120,808	1/4	130,479	1/4	146,013	1/4	153,083	1/4	1/4	1/4
1/2	121,058	1/2	130,641	1/2	146,175	1/2	153,135	1/2	1/2	1/2
3/4	121,309	3/4	130,803	3/4	146,336	3/4	153,186	3/4	3/4	3/4
3	121,559	3	130,965	3	146,498	3	153,238	3	3	3
1/4	121,810	1/4	131,127	1/4	146,660	1/4	153,289	1/4	1/4	1/4
1/2	122,060	1/2	131,288	1/2	146,822	1/2	153,340	1/2	1/2	1/2
3/4	122,310	3/4	131,450	3/4	146,984	3/4	153,391	3/4	3/4	3/4
4	122,561	4	131,612	4	147,145	4	153,442	4	4	4
1/4	122,811	1/4	131,774	1/4	147,307	1/4	153,493	1/4	1/4	1/4
1/2	123,062	1/2	131,936	1/2	147,469	1/2	153,544	1/2	1/2	1/2
3/4	123,312	3/4	132,097	3/4	147,631	3/4	153,595	3/4	3/4	3/4
5	123,562	5	132,259	5	147,793	5	153,646	5	5	5
1/4	123,813	1/4	132,421	1/4	147,954	1/4	153,697	1/4	1/4	1/4
1/2	124,063	1/2	132,583	1/2	148,116	1/2	153,748	1/2	1/2	1/2
3/4	124,314	3/4	132,745	3/4	148,278	3/4	153,799	3/4	3/4	3/4
6	124,564	6	132,906	6	148,440	6	153,850	6	6	6
1/4	124,814	1/4	133,068	1/4	148,602	1/4	153,901	1/4	1/4	1/4
1/2	125,065	1/2	133,230	1/2	148,763	1/2	153,952	1/2	1/2	1/2
3/4	125,315	3/4	133,392	3/4	148,925	3/4	154,003	3/4	3/4	3/4
7	125,566	7	133,554	7	149,087	7	154,054	7	7	7
1/4	125,783	1/4	133,715	1/4	149,249	1/4	154,105	1/4	1/4	1/4
1/2	126,000	1/2	133,877	1/2	149,411	1/2	154,156	1/2	1/2	1/2
3/4	126,217	3/4	134,039	3/4	149,572	3/4	154,207	3/4	3/4	3/4
8	126,434	8	134,201	8	149,734	8	154,258	8	8	8
1/4	126,596	1/4	134,363	1/4	149,896	1/4	154,309	1/4	1/4	1/4
1/2	126,758	1/2	134,525	1/2	150,058	1/2	154,360	1/2	1/2	1/2
3/4	126,920	3/4	134,686	3/4	150,220	3/4	154,411	3/4	3/4	3/4
9	127,081	9	134,848	9	150,381	9	154,462	9	9	9
1/4	127,243	1/4	135,010	1/4	150,543	1/4	154,513	1/4	1/4	1/4
1/2	127,405	1/2	135,172	1/2	150,705	1/2	154,564	1/2	1/2	1/2
3/4	127,567	3/4	135,334	3/4	150,867	3/4	154,615	3/4	3/4	3/4
10	127,729	10	135,495	10	151,028	10	154,666	10	10	10
1/4	127,890	1/4	135,657	1/4	151,189	1/4	154,717	1/4	1/4	1/4
1/2	128,052	1/2	135,819	1/2	151,350	1/2	154,768	1/2	1/2	1/2
3/4	128,214	3/4	135,981	3/4	151,511	3/4	154,819	3/4	3/4	3/4
11	128,376	11	136,143	11	151,672	11	154,870	11	11	11
1/4	128,538	1/4	136,304	1/4	151,833	1/4	154,921	1/4	1/4	1/4
1/2	128,699	1/2	136,466	1/2	151,994	1/2	154,972	1/2	1/2	1/2
3/4	128,861	3/4	136,628	3/4	152,155	3/4	155,023	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/23/2015 CL  
CALCULATED: 06/23/2015 CL  
PRINTED: 06/24/2015 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2015



# BARGE "IB 1957"

## 2 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	10,466	0	21,998	0	33,350	0	44,780	0	56,313	0	67,846	0	79,379	0	90,912	0	102,444
1/4	156	1/4	10,706	1/4	22,239	1/4	33,583	1/4	45,021	1/4	56,553	1/4	68,086	1/4	79,619	1/4	91,152	1/4	102,685
1/2	227	1/2	10,946	1/2	22,479	1/2	33,816	1/2	45,261	1/2	56,794	1/2	68,327	1/2	79,859	1/2	91,392	1/2	102,925
3/4	297	3/4	11,187	3/4	22,719	3/4	34,049	3/4	45,501	3/4	57,034	3/4	68,567	3/4	80,100	3/4	91,632	3/4	103,165
1	367	1	11,427	1	22,959	1	34,283	1	45,741	1	57,274	1	68,807	1	80,340	1	91,873	1	103,405
1/4	517	1/4	11,667	1/4	23,200	1/4	34,516	1/4	45,982	1/4	57,515	1/4	69,047	1/4	80,580	1/4	92,113	1/4	103,646
1/2	667	1/2	11,907	1/2	23,440	1/2	34,749	1/2	46,222	1/2	57,755	1/2	69,288	1/2	80,820	1/2	92,353	1/2	103,886
3/4	817	3/4	12,148	3/4	23,680	3/4	34,982	3/4	46,462	3/4	57,995	3/4	69,528	3/4	81,061	3/4	92,593	3/4	104,126
2	967	2	12,388	2	23,920	2	35,215	2	46,703	2	58,235	2	69,768	2	81,301	2	92,834	2	104,367
1/4	1,182	1/4	12,628	1/4	24,161	1/4	35,449	1/4	46,943	1/4	58,476	1/4	70,008	1/4	81,541	1/4	93,074	1/4	104,607
1/2	1,396	1/2	12,868	1/2	24,401	1/2	35,682	1/2	47,183	1/2	58,716	1/2	70,249	1/2	81,781	1/2	93,314	1/2	104,847
3/4	1,610	3/4	13,109	3/4	24,641	3/4	35,915	3/4	47,423	3/4	58,956	3/4	70,489	3/4	82,022	3/4	93,555	3/4	105,087
3	1,825	3	13,349	3	24,881	3	36,148	3	47,664	3	59,196	3	70,729	3	82,262	3	93,795	3	105,328
1/4	2,063	1/4	13,589	1/4	25,122	1/4	36,384	1/4	47,904	1/4	59,437	1/4	70,969	1/4	82,502	1/4	94,035	1/4	105,568
1/2	2,302	1/2	13,830	1/2	25,362	1/2	36,620	1/2	48,144	1/2	59,677	1/2	71,210	1/2	82,743	1/2	94,275	1/2	105,808
3/4	2,541	3/4	14,070	3/4	25,602	3/4	36,856	3/4	48,384	3/4	59,917	3/4	71,450	3/4	82,983	3/4	94,516	3/4	106,048
4	2,780	4	14,310	4	25,842	4	37,092	4	48,625	4	60,157	4	71,690	4	83,223	4	94,756	4	106,289
1/4	3,020	1/4	14,550	1/4	26,083	1/4	37,332	1/4	48,865	1/4	60,398	1/4	71,931	1/4	83,463	1/4	94,996	1/4	106,529
1/2	3,259	1/2	14,791	1/2	26,323	1/2	37,572	1/2	49,105	1/2	60,638	1/2	72,171	1/2	83,704	1/2	95,236	1/2	106,769
3/4	3,499	3/4	15,031	3/4	26,563	3/4	37,813	3/4	49,345	3/4	60,878	3/4	72,411	3/4	83,944	3/4	95,477	3/4	107,009
5	3,739	5	15,271	5	26,803	5	38,053	5	49,586	5	61,119	5	72,651	5	84,184	5	95,717	5	107,250
1/4	3,979	1/4	15,511	1/4	27,041	1/4	38,293	1/4	49,826	1/4	61,359	1/4	72,892	1/4	84,424	1/4	95,957	1/4	107,490
1/2	4,219	1/2	15,752	1/2	27,279	1/2	38,533	1/2	50,066	1/2	61,599	1/2	73,132	1/2	84,665	1/2	96,197	1/2	107,730
3/4	4,460	3/4	15,992	3/4	27,516	3/4	38,774	3/4	50,307	3/4	61,839	3/4	73,372	3/4	84,905	3/4	96,438	3/4	107,971
6	4,700	6	16,232	6	27,754	6	39,014	6	50,547	6	62,080	6	73,612	6	85,145	6	96,678	6	108,211
1/4	4,940	1/4	16,472	1/4	27,997	1/4	39,254	1/4	50,787	1/4	62,320	1/4	73,853	1/4	85,385	1/4	96,918	1/4	108,451
1/2	5,180	1/2	16,713	1/2	28,220	1/2	39,495	1/2	51,027	1/2	62,560	1/2	74,093	1/2	85,626	1/2	97,159	1/2	108,691
3/4	5,421	3/4	16,953	3/4	28,453	3/4	39,735	3/4	51,268	3/4	62,800	3/4	74,333	3/4	85,866	3/4	97,399	3/4	108,932
7	5,661	7	17,193	7	28,687	7	39,975	7	51,508	7	63,041	7	74,573	7	86,106	7	97,639	7	109,172
1/4	5,901	1/4	17,433	1/4	28,927	1/4	40,215	1/4	51,748	1/4	63,281	1/4	74,814	1/4	86,347	1/4	97,879	1/4	109,412
1/2	6,141	1/2	17,674	1/2	29,163	1/2	40,456	1/2	51,988	1/2	63,521	1/2	75,054	1/2	86,587	1/2	98,120	1/2	109,652
3/4	6,382	3/4	17,914	3/4	29,386	3/4	40,696	3/4	52,229	3/4	63,761	3/4	75,294	3/4	86,827	3/4	98,360	3/4	109,893
8	6,622	8	18,154	8	29,619	8	40,936	8	52,469	8	64,002	8	75,535	8	87,067	8	98,600	8	110,133
1/4	6,862	1/4	18,394	1/4	29,852	1/4	41,176	1/4	52,709	1/4	64,242	1/4	75,775	1/4	87,308	1/4	98,840	1/4	110,373
1/2	7,102	1/2	18,635	1/2	30,086	1/2	41,417	1/2	52,949	1/2	64,482	1/2	76,015	1/2	87,548	1/2	99,081	1/2	110,613
3/4	7,343	3/4	18,875	3/4	30,319	3/4	41,657	3/4	53,190	3/4	64,723	3/4	76,255	3/4	87,788	3/4	99,321	3/4	110,854
9	7,583	9	19,115	9	30,552	9	41,897	9	53,430	9	64,963	9	76,496	9	88,028	9	99,561	9	111,094
1/4	7,823	1/4	19,356	1/4	30,785	1/4	42,137	1/4	53,670	1/4	65,203	1/4	76,736	1/4	88,269	1/4	99,801	1/4	111,334
1/2	8,063	1/2	19,596	1/2	31,018	1/2	42,378	1/2	53,911	1/2	65,443	1/2	76,976	1/2	88,509	1/2	100,042	1/2	111,575
3/4	8,304	3/4	19,836	3/4	31,251	3/4	42,618	3/4	54,151	3/4	65,684	3/4	77,216	3/4	88,749	3/4	100,282	3/4	111,815
10	8,544	10	20,076	10	31,485	10	42,858	10	54,391	10	65,924	10	77,457	10	88,989	10	100,522	10	112,055
1/4	8,784	1/4	20,316	1/4	31,718	1/4	43,099	1/4	54,631	1/4	66,164	1/4	77,697	1/4	89,230	1/4	100,763	1/4	112,295
1/2	9,024	1/2	20,557	1/2	31,951	1/2	43,339	1/2	54,872	1/2	66,404	1/2	77,937	1/2	89,470	1/2	101,003	1/2	112,536
3/4	9,265	3/4	20,797	3/4	32,184	3/4	43,579	3/4	55,112	3/4	66,645	3/4	78,177	3/4	89,710	3/4	101,243	3/4	112,776
11	9,505	11	21,037	11	32,417	11	43,819	11	55,352	11	66,885	11	78,418	11	89,951	11	101,483	11	113,016
1/4	9,745	1/4	21,278	1/4	32,650	1/4	44,060	1/4	55,592	1/4	67,125	1/4	78,658	1/4	90,191	1/4	101,724	1/4	113,256
1/2	9,985	1/2	21,518	1/2	32,884	1/2	44,300	1/2	55,833	1/2	67,365	1/2	78,898	1/2	90,431	1/2	101,964	1/2	113,497
3/4	10,226	3/4	21,758	3/4	33,117	3/4	44,540	3/4	56,073	3/4	67,606	3/4	79,139	3/4	90,671	3/4	102,204	3/4	113,737

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  
<http://www.pmacorp.net>



# BARGE "IB 1957"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/2"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	113,977	0	137,043	0	148,576	0	160,076	0	0	0
1/4	114,217	1/4	125,510	1/4	148,816	1/4	160,272	1/4	1/4	1/4
1/2	114,458	1/2	137,523	1/2	149,056	1/2	160,468	1/2	1/2	1/2
3/4	114,698	3/4	137,764	3/4	149,296	3/4	160,664	3/4	3/4	3/4
1	114,938	1	138,004	1	149,537	1	160,860	1	1	1
1/4	115,179	1/4	138,244	1/4	149,777	1/4	160,980	1/4	1/4	1/4
1/2	115,419	1/2	138,484	1/2	150,017	1/2	161,101	1/2	1/2	1/2
3/4	115,659	3/4	138,725	3/4	150,257	3/4	161,221	3/4	3/4	3/4
2	115,899	2	138,965	2	150,498	2	161,341	2	2	2
1/4	116,140	1/4	139,205	1/4	150,738	1/4	161,390	1/4	1/4	1/4
1/2	116,380	1/2	139,445	1/2	150,978	1/2	161,440	1/2	1/2	1/2
3/4	116,620	3/4	139,686	3/4	151,219	3/4	161,489	3/4	3/4	3/4
3	116,860	3	139,926	3	151,459	3	161,539	3	3	3
1/4	117,101	1/4	140,166	1/4	151,699	1/4	161,588	1/4	1/4	1/4
1/2	117,341	1/2	140,407	1/2	151,939	1/2	161,637	1/2	1/2	1/2
3/4	117,581	3/4	140,647	3/4	152,180	3/4	161,686	3/4	3/4	3/4
4	117,821	4	140,887	4	152,420	4	161,735	4	4	4
1/4	118,062	1/4	141,127	1/4	152,660	1/4	161,784	1/4	1/4	1/4
1/2	118,302	1/2	141,368	1/2	152,900	1/2	161,833	1/2	1/2	1/2
3/4	118,542	3/4	141,608	3/4	153,141	3/4	161,882	3/4	3/4	3/4
5	118,783	5	141,848	5	153,381	5	161,931	5	5	5
1/4	119,023	1/4	142,088	1/4	153,621	1/4	161,980	1/4	1/4	1/4
1/2	119,263	1/2	142,329	1/2	153,861	1/2	162,029	1/2	1/2	1/2
3/4	119,503	3/4	142,569	3/4	154,102	3/4	162,078	3/4	3/4	3/4
6	119,744	6	142,809	6	154,342	6	162,127	6	6	6
1/4	119,984	1/4	143,049	1/4	154,582	1/4	162,176	1/4	1/4	1/4
1/2	120,224	1/2	143,290	1/2	154,823	1/2	162,225	1/2	1/2	1/2
3/4	120,464	3/4	143,530	3/4	155,063	3/4	162,274	3/4	3/4	3/4
7	120,705	7	143,770	7	155,303	7	162,323	7	7	7
1/4	120,945	1/4	144,011	1/4	155,543	1/4	162,372	1/4	1/4	1/4
1/2	121,185	1/2	144,251	1/2	155,784	1/2	162,421	1/2	1/2	1/2
3/4	121,425	3/4	144,491	3/4	156,024	3/4	162,470	3/4	3/4	3/4
8	121,666	8	144,731	8	156,264	8	162,519	8	8	8
1/4	121,906	1/4	144,972	1/4	156,504	1/4	162,568	1/4	1/4	1/4
1/2	122,146	1/2	145,212	1/2	156,745	1/2	162,617	1/2	1/2	1/2
3/4	122,387	3/4	145,452	3/4	156,985	3/4	162,666	3/4	3/4	3/4
9	122,627	9	145,692	9	157,225	9	162,715	9	9	9
1/4	122,867	1/4	145,933	1/4	157,465	1/4	162,764	1/4	1/4	1/4
1/2	123,107	1/2	146,173	1/2	157,705	1/2	162,813	1/2	1/2	1/2
3/4	123,348	3/4	146,413	3/4	157,946	3/4	162,862	3/4	3/4	3/4
10	123,588	10	146,653	10	158,186	10	162,911	10	10	10
1/4	123,828	1/4	146,894	1/4	158,425	1/4	162,960	1/4	1/4	1/4
1/2	124,068	1/2	147,134	1/2	158,665	1/2	163,009	1/2	1/2	1/2
3/4	124,309	3/4	147,374	3/4	158,904	3/4	163,058	3/4	3/4	3/4
11	124,549	11	147,615	11	159,144	11	163,107	11	11	11
1/4	124,789	1/4	147,855	1/4	159,377	1/4	163,156	1/4	1/4	1/4
1/2	125,029	1/2	148,095	1/2	159,610	1/2	163,205	1/2	1/2	1/2
3/4	125,270	3/4	148,335	3/4	159,843	3/4	163,254	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/23/2015 CL  
CALCULATED: 06/23/2015 CL  
PRINTED: 06/24/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77568  
<http://www.pmacord.net>



# BARGE "IB 1957"

## 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.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	86	0	10,385	0	21,828	0	33,259	0	44,696	0	56,139	0	67,583	0	79,026	0	90,469	0	101,912
1/4	155	1/4	10,823	1/4	22,066	1/4	33,497	1/4	44,934	1/4	56,378	1/4	67,821	1/4	79,264	1/4	90,707	1/4	102,151
1/2	225	1/2	12,062	1/2	23,304	1/2	33,735	1/2	45,173	1/2	56,616	1/2	68,059	1/2	79,503	1/2	90,946	1/2	102,389
3/4	295	3/4	11,100	3/4	22,543	3/4	33,973	3/4	45,411	3/4	56,854	3/4	68,298	3/4	79,741	3/4	91,184	3/4	102,627
1	364	1	11,338	1	22,781	1	34,211	1	45,650	1	57,093	1	68,536	1	79,979	1	91,423	1	102,866
1/4	513	1/4	11,577	1/4	23,020	1/4	34,449	1/4	45,888	1/4	57,331	1/4	68,775	1/4	80,218	1/4	91,661	1/4	103,104
1/2	662	1/2	11,815	1/2	23,258	1/2	34,687	1/2	46,126	1/2	57,570	1/2	69,013	1/2	80,456	1/2	91,899	1/2	103,343
3/4	811	3/4	12,054	3/4	23,496	3/4	34,925	3/4	46,365	3/4	57,808	3/4	69,251	3/4	80,695	3/4	92,138	3/4	103,581
2	960	2	12,292	2	23,735	2	35,163	2	46,603	2	58,046	2	69,490	2	80,933	2	92,376	2	103,819
1/4	1,173	1/4	12,530	1/4	23,973	1/4	35,401	1/4	46,842	1/4	58,285	1/4	69,728	1/4	81,171	1/4	92,115	1/4	104,058
1/2	1,385	1/2	12,769	1/2	24,212	1/2	35,639	1/2	47,080	1/2	58,523	1/2	69,967	1/2	81,410	1/2	92,853	1/2	104,296
3/4	1,598	3/4	13,007	3/4	24,450	3/4	35,877	3/4	47,318	3/4	58,762	3/4	70,205	3/4	81,648	3/4	93,091	3/4	104,535
3	1,811	3	13,246	3	24,688	3	36,115	3	47,557	3	59,000	3	70,443	3	81,887	3	93,330	3	104,773
1/4	2,048	1/4	13,484	1/4	24,927	1/4	36,353	1/4	47,795	1/4	59,238	1/4	70,682	1/4	82,125	1/4	93,568	1/4	105,011
1/2	2,285	1/2	13,722	1/2	25,165	1/2	36,591	1/2	48,034	1/2	59,477	1/2	70,920	1/2	82,363	1/2	93,807	1/2	105,250
3/4	2,521	3/4	13,961	3/4	25,403	3/4	36,829	3/4	48,272	3/4	59,715	3/4	71,159	3/4	82,602	3/4	94,045	3/4	105,488
4	2,758	4	14,199	4	25,642	4	37,067	4	48,510	4	59,954	4	71,397	4	82,840	4	94,283	4	105,727
1/4	2,996	1/4	14,437	1/4	25,880	1/4	37,306	1/4	48,749	1/4	60,192	1/4	71,635	1/4	83,079	1/4	94,522	1/4	105,965
1/2	3,234	1/2	14,676	1/2	26,119	1/2	37,544	1/2	48,987	1/2	60,430	1/2	71,874	1/2	83,317	1/2	94,760	1/2	106,203
3/4	3,472	3/4	14,914	3/4	26,357	3/4	37,782	3/4	49,226	3/4	60,669	3/4	72,112	3/4	83,555	3/4	94,999	3/4	106,442
5	3,710	5	15,153	5	26,595	5	38,021	5	49,464	5	60,907	5	72,351	5	83,794	5	95,237	5	106,680
1/4	3,949	1/4	15,391	1/4	26,834	1/4	38,259	1/4	49,702	1/4	61,146	1/4	72,589	1/4	84,032	1/4	95,475	1/4	106,919
1/2	4,187	1/2	15,629	1/2	27,072	1/2	38,498	1/2	49,941	1/2	61,384	1/2	72,827	1/2	84,271	1/2	95,714	1/2	107,157
3/4	4,425	3/4	15,868	3/4	27,310	3/4	38,736	3/4	50,179	3/4	61,622	3/4	73,066	3/4	84,509	3/4	95,952	3/4	107,395
6	4,664	6	16,106	6	27,548	6	38,974	6	50,418	6	61,861	6	73,304	6	84,747	6	96,191	6	107,634
1/4	4,902	1/4	16,345	1/4	27,786	1/4	39,213	1/4	50,656	1/4	62,099	1/4	73,543	1/4	84,986	1/4	96,429	1/4	107,872
1/2	5,140	1/2	16,583	1/2	28,024	1/2	39,451	1/2	50,894	1/2	62,338	1/2	73,781	1/2	85,224	1/2	96,667	1/2	108,111
3/4	5,379	3/4	16,821	3/4	28,262	3/4	39,690	3/4	51,133	3/4	62,576	3/4	74,019	3/4	85,463	3/4	96,906	3/4	108,349
7	5,617	7	17,060	7	28,500	7	39,928	7	51,371	7	62,814	7	74,258	7	85,701	7	97,144	7	108,587
1/4	5,856	1/4	17,298	1/4	28,738	1/4	40,166	1/4	51,610	1/4	63,053	1/4	74,496	1/4	85,939	1/4	97,383	1/4	108,826
1/2	6,094	1/2	17,537	1/2	28,976	1/2	40,405	1/2	51,848	1/2	63,291	1/2	74,735	1/2	86,178	1/2	97,621	1/2	109,064
3/4	6,332	3/4	17,775	3/4	29,214	3/4	40,643	3/4	52,086	3/4	63,530	3/4	74,973	3/4	86,416	3/4	97,859	3/4	109,303
8	6,571	8	18,013	8	29,452	8	40,882	8	52,325	8	63,768	8	75,211	8	86,655	8	98,098	8	109,541
1/4	6,809	1/4	18,252	1/4	29,690	1/4	41,120	1/4	52,563	1/4	64,007	1/4	75,450	1/4	86,893	1/4	98,336	1/4	109,779
1/2	7,047	1/2	18,490	1/2	29,928	1/2	41,358	1/2	52,800	1/2	64,245	1/2	75,688	1/2	87,131	1/2	98,575	1/2	110,018
3/4	7,286	3/4	18,729	3/4	30,166	3/4	41,597	3/4	53,040	3/4	64,483	3/4	75,927	3/4	87,370	3/4	98,813	3/4	110,256
9	7,524	9	18,967	9	30,404	9	41,835	9	53,278	9	64,722	9	76,165	9	87,608	9	99,051	9	110,495
1/4	7,763	1/4	19,205	1/4	30,642	1/4	42,074	1/4	53,517	1/4	64,960	1/4	76,403	1/4	87,847	1/4	99,290	1/4	110,733
1/2	8,001	1/2	19,444	1/2	30,880	1/2	42,312	1/2	53,755	1/2	65,199	1/2	76,642	1/2	88,085	1/2	99,528	1/2	110,971
3/4	8,239	3/4	19,682	3/4	31,117	3/4	42,550	3/4	53,994	3/4	65,437	3/4	76,880	3/4	88,323	3/4	99,767	3/4	111,210
10	8,478	10	19,920	10	31,355	10	42,789	10	54,232	10	65,675	10	77,119	10	88,562	10	100,005	10	111,448
1/4	8,716	1/4	20,159	1/4	31,593	1/4	43,027	1/4	54,470	1/4	65,914	1/4	77,357	1/4	88,800	1/4	100,243	1/4	111,687
1/2	8,954	1/2	20,397	1/2	31,831	1/2	43,266	1/2	54,709	1/2	66,152	1/2	77,595	1/2	89,039	1/2	100,482	1/2	111,925
3/4	9,193	3/4	20,636	3/4	32,069	3/4	43,504	3/4	54,947	3/4	66,391	3/4	77,881	3/4	89,277	3/4	100,720	3/4	112,163
11	9,431	11	20,874	11	32,307	11	43,742	11	55,186	11	66,629	11	78,072	11	89,515	11	100,959	11	112,402
1/4	9,670	1/4	21,112	1/4	32,545	1/4	43,981	1/4	55,424	1/4	66,867	1/4	78,311	1/4	89,754	1/4	101,197	1/4	112,640
1/2	9,908	1/2	21,351	1/2	32,783	1/2	44,219	1/2	55,662	1/2	67,106	1/2	78,549	1/2	89,992	1/2	101,435	1/2	112,879
3/4	10,146	3/4	21,589	3/4	33,021	3/4	44,458	3/4	55,901	3/4	67,344	3/4	78,787	3/4	90,231	3/4	101,674	3/4	113,117

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 1957"

## 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.
0	113,355	124,799	136,242	147,685	159,096	0	0	0	0	0
1/4	113,594	125,037	136,480	147,923	159,291	1/4	1/4	1/4	1/4	1/4
1/2	113,832	125,275	136,719	148,162	159,485	1/2	1/2	1/2	1/2	1/2
3/4	114,071	125,514	136,957	148,341	159,680	3/4	3/4	3/4	3/4	3/4
1	114,309	125,752	137,195	148,520	159,874	1	1	1	1	1
1/4	114,547	125,991	137,434	148,700	159,993	1/4	1/4	1/4	1/4	1/4
1/2	114,786	126,229	137,672	148,879	160,113	1/2	1/2	1/2	1/2	1/2
3/4	115,024	126,467	137,911	149,058	160,232	3/4	3/4	3/4	3/4	3/4
2	115,263	126,706	138,149	149,237	160,351	2	2	2	2	2
1/4	115,501	126,944	138,387	149,416	160,470	1/4	1/4	1/4	1/4	1/4
1/2	115,739	127,183	138,626	149,595	160,589	1/2	1/2	1/2	1/2	1/2
3/4	115,978	127,421	138,864	149,774	160,708	3/4	3/4	3/4	3/4	3/4
3	116,216	127,659	139,103	150,000	160,827	3	3	3	3	3
1/4	116,455	127,898	139,341	150,179	160,946	1/4	1/4	1/4	1/4	1/4
1/2	116,693	128,136	139,579	150,358	161,065	1/2	1/2	1/2	1/2	1/2
3/4	116,931	128,375	139,818	150,537	161,184	3/4	3/4	3/4	3/4	3/4
4	117,170	128,613	140,056	150,716	161,303	4	4	4	4	4
1/4	117,408	128,851	140,295	150,895	161,422	1/4	1/4	1/4	1/4	1/4
1/2	117,647	129,090	140,533	151,074	161,541	1/2	1/2	1/2	1/2	1/2
3/4	117,885	129,328	140,771	151,253	161,660	3/4	3/4	3/4	3/4	3/4
5	118,123	129,567	141,010	151,432	161,779	5	5	5	5	5
1/4	118,362	129,805	141,248	151,611	161,898	1/4	1/4	1/4	1/4	1/4
1/2	118,600	130,043	141,487	151,790	162,017	1/2	1/2	1/2	1/2	1/2
3/4	118,839	130,282	141,725	151,969	162,136	3/4	3/4	3/4	3/4	3/4
6	119,077	130,520	141,963	152,148	162,255	6	6	6	6	6
1/4	119,315	130,759	142,202	152,327	162,374	1/4	1/4	1/4	1/4	1/4
1/2	119,554	130,997	142,440	152,506	162,493	1/2	1/2	1/2	1/2	1/2
3/4	119,792	131,235	142,679	152,685	162,612	3/4	3/4	3/4	3/4	3/4
7	120,031	131,474	142,917	152,864	162,731	7	7	7	7	7
1/4	120,269	131,712	143,155	153,043	162,850	1/4	1/4	1/4	1/4	1/4
1/2	120,507	131,951	143,394	153,222	162,969	1/2	1/2	1/2	1/2	1/2
3/4	120,746	132,189	143,632	153,401	163,088	3/4	3/4	3/4	3/4	3/4
8	120,984	132,427	143,871	153,580	163,207	8	8	8	8	8
1/4	121,223	132,666	144,109	153,759	163,326	1/4	1/4	1/4	1/4	1/4
1/2	121,461	132,904	144,347	153,938	163,445	1/2	1/2	1/2	1/2	1/2
3/4	121,699	133,143	144,586	154,117	163,564	3/4	3/4	3/4	3/4	3/4
9	121,938	133,381	144,824	154,296	163,683	9	9	9	9	9
1/4	122,176	133,619	145,063	154,475	163,802	1/4	1/4	1/4	1/4	1/4
1/2	122,415	133,858	145,301	154,654	163,921	1/2	1/2	1/2	1/2	1/2
3/4	122,653	134,096	145,539	154,833	164,040	3/4	3/4	3/4	3/4	3/4
10	122,891	134,335	145,778	155,012	164,159	10	10	10	10	10
1/4	123,130	134,573	146,016	155,191	164,278	1/4	1/4	1/4	1/4	1/4
1/2	123,368	134,811	146,255	155,370	164,397	1/2	1/2	1/2	1/2	1/2
3/4	123,607	135,050	146,493	155,549	164,516	3/4	3/4	3/4	3/4	3/4
11	123,845	135,288	146,731	155,728	164,635	11	11	11	11	11
1/4	124,083	135,527	146,970	155,907	164,754	1/4	1/4	1/4	1/4	1/4
1/2	124,322	135,765	147,208	156,086	164,873	1/2	1/2	1/2	1/2	1/2
3/4	124,560	136,003	147,447	156,265	164,992	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/23/2015 CL  
CALCULATED: 06/23/2015 CL  
PRINTED: 06/24/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT  
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