



# BARGE "CBC 1708"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	01-7/8	- 01-7/8
2 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 STBD	00-1/8	- 00-1/8	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
3 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-1/4	01-1/4

(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 1 CENTER IS - 00-5/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 162'-03"

March 4, 2020

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

<http://www.pmacorp.net>



# BARGE "CBC 1708"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 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	39	0	15,742	0	34,595	0	53,288	0	72,025	0	90,848	0	109,672	0	128,472	0	147,301	0	166,130
1/4	88	1/4	16,134	1/4	34,987	1/4	53,675	1/4	72,417	1/4	91,241	1/4	110,063	1/4	128,864	1/4	147,693	1/4	166,522
1/2	138	1/2	16,527	1/2	35,380	1/2	54,061	1/2	72,809	1/2	91,633	1/2	110,455	1/2	129,257	1/2	148,086	1/2	166,915
3/4	187	3/4	16,920	3/4	35,772	3/4	54,448	3/4	73,202	3/4	92,025	3/4	110,847	3/4	129,649	3/4	148,478	3/4	167,307
1	236	1	17,313	1	36,164	1	54,834	1	73,594	1	92,417	1	111,238	1	130,041	1	148,870	1	167,699
1/4	383	1/4	17,706	1/4	36,557	1/4	55,221	1/4	73,986	1/4	92,809	1/4	111,630	1/4	130,433	1/4	149,263	1/4	168,091
1/2	530	1/2	18,099	1/2	36,949	1/2	55,607	1/2	74,378	1/2	93,201	1/2	112,021	1/2	130,826	1/2	149,655	1/2	168,483
3/4	678	3/4	18,491	3/4	37,341	3/4	55,994	3/4	74,770	3/4	93,593	3/4	112,413	3/4	131,218	3/4	150,047	3/4	168,875
2	825	2	18,884	2	37,734	2	56,380	2	75,162	2	93,986	2	112,804	2	131,610	2	150,439	2	169,266
1/4	1,070	1/4	19,277	1/4	38,126	1/4	56,767	1/4	75,554	1/4	94,378	1/4	113,196	1/4	132,002	1/4	150,832	1/4	169,658
1/2	1,316	1/2	19,670	1/2	38,518	1/2	57,154	1/2	75,947	1/2	94,770	1/2	113,588	1/2	132,395	1/2	151,224	1/2	170,050
3/4	1,561	3/4	20,063	3/4	38,911	3/4	57,541	3/4	76,339	3/4	95,162	3/4	113,979	3/4	132,787	3/4	151,616	3/4	170,442
3	1,807	3	20,455	3	39,303	3	57,928	3	76,731	3	95,554	3	114,371	3	133,179	3	152,008	3	170,833
1/4	2,151	1/4	20,848	1/4	39,695	1/4	58,315	1/4	77,123	1/4	95,946	1/4	114,762	1/4	133,572	1/4	152,401	1/4	171,225
1/2	2,494	1/2	21,241	1/2	40,088	1/2	58,702	1/2	77,515	1/2	96,339	1/2	115,154	1/2	133,964	1/2	152,793	1/2	171,617
3/4	2,838	3/4	21,634	3/4	40,480	3/4	59,089	3/4	77,907	3/4	96,731	3/4	115,545	3/4	134,356	3/4	153,185	3/4	172,009
4	3,182	4	22,027	4	40,872	4	59,476	4	78,300	4	97,123	4	115,937	4	134,748	4	153,578	4	172,400
1/4	3,572	1/4	22,420	1/4	41,265	1/4	59,868	1/4	78,692	1/4	97,515	1/4	116,328	1/4	135,141	1/4	153,970	1/4	172,792
1/2	3,963	1/2	22,812	1/2	41,657	1/2	60,260	1/2	79,084	1/2	97,907	1/2	116,720	1/2	135,533	1/2	154,362	1/2	173,184
3/4	4,354	3/4	23,205	3/4	42,049	3/4	60,653	3/4	79,476	3/4	98,299	3/4	117,111	3/4	135,925	3/4	154,754	3/4	173,576
5	4,745	5	23,598	5	42,442	5	61,045	5	79,868	5	98,691	5	117,503	5	136,317	5	155,147	5	173,968
1/4	5,137	1/4	23,991	1/4	42,834	1/4	61,437	1/4	80,260	1/4	99,084	1/4	117,894	1/4	136,710	1/4	155,539	1/4	174,359
1/2	5,530	1/2	24,384	1/2	43,226	1/2	61,829	1/2	80,652	1/2	99,476	1/2	118,286	1/2	137,102	1/2	155,931	1/2	174,751
3/4	5,922	3/4	24,777	3/4	43,619	3/4	62,221	3/4	81,045	3/4	99,868	3/4	118,678	3/4	137,494	3/4	156,323	3/4	175,143
6	6,314	6	25,169	6	44,011	6	62,613	6	81,437	6	100,260	6	119,069	6	137,887	6	156,716	6	175,535
1/4	6,707	1/4	25,562	1/4	44,397	1/4	63,006	1/4	81,829	1/4	100,652	1/4	119,461	1/4	138,279	1/4	157,108	1/4	175,926
1/2	7,100	1/2	25,955	1/2	44,784	1/2	63,398	1/2	82,221	1/2	101,044	1/2	119,852	1/2	138,671	1/2	157,500	1/2	176,318
3/4	7,493	3/4	26,348	3/4	45,171	3/4	63,790	3/4	82,613	3/4	101,437	3/4	120,244	3/4	139,063	3/4	157,893	3/4	176,710
7	7,885	7	26,741	7	45,557	7	64,182	7	83,005	7	101,829	7	120,635	7	139,456	7	158,285	7	177,102
1/4	8,278	1/4	27,133	1/4	45,944	1/4	64,574	1/4	83,398	1/4	102,221	1/4	121,027	1/4	139,848	1/4	158,677	1/4	177,446
1/2	8,671	1/2	27,526	1/2	46,330	1/2	64,966	1/2	83,790	1/2	102,613	1/2	121,418	1/2	140,240	1/2	159,069	1/2	177,790
3/4	9,064	3/4	27,919	3/4	46,717	3/4	65,358	3/4	84,182	3/4	103,005	3/4	121,810	3/4	140,632	3/4	159,462	3/4	178,134
8	9,457	8	28,312	8	47,103	8	65,751	8	84,574	8	103,397	8	122,201	8	141,025	8	159,854	8	178,478
1/4	9,849	1/4	28,705	1/4	47,490	1/4	66,143	1/4	84,966	1/4	103,789	1/4	122,593	1/4	141,417	1/4	160,246	1/4	178,823
1/2	10,242	1/2	29,098	1/2	47,876	1/2	66,535	1/2	85,358	1/2	104,182	1/2	122,984	1/2	141,809	1/2	160,638	1/2	179,167
3/4	10,635	3/4	29,490	3/4	48,263	3/4	66,927	3/4	85,750	3/4	104,574	3/4	123,376	3/4	142,202	3/4	161,031	3/4	179,511
9	11,028	9	29,883	9	48,649	9	67,319	9	86,143	9	104,966	9	123,767	9	142,594	9	161,423	9	179,855
1/4	11,421	1/4	30,276	1/4	49,036	1/4	67,711	1/4	86,535	1/4	105,358	1/4	124,159	1/4	142,986	1/4	161,815	1/4	180,199
1/2	11,813	1/2	30,669	1/2	49,423	1/2	68,104	1/2	86,927	1/2	105,750	1/2	124,551	1/2	143,378	1/2	162,208	1/2	180,543
3/4	12,206	3/4	31,062	3/4	49,809	3/4	68,496	3/4	87,319	3/4	106,142	3/4	124,942	3/4	143,771	3/4	162,600	3/4	180,887
10	12,599	10	31,454	10	50,196	10	68,888	10	87,711	10	106,535	10	125,334	10	144,163	10	162,992	10	181,232
1/4	12,992	1/4	31,847	1/4	50,582	1/4	69,280	1/4	88,103	1/4	106,927	1/4	125,726	1/4	144,555	1/4	163,384	1/4	181,576
1/2	13,385	1/2	32,240	1/2	50,969	1/2	69,672	1/2	88,496	1/2	107,319	1/2	126,118	1/2	144,947	1/2	163,777	1/2	181,920
3/4	13,778	3/4	32,633	3/4	51,355	3/4	70,064	3/4	88,888	3/4	107,711	3/4	126,511	3/4	145,340	3/4	164,169	3/4	182,264
11	14,170	11	33,026	11	51,742	11	70,456	11	89,280	11	108,103	11	126,903	11	145,732	11	164,561	11	182,608
1/4	14,563	1/4	33,418	1/4	52,128	1/4	70,849	1/4	89,672	1/4	108,495	1/4	127,295	1/4	146,124	1/4	164,953	1/4	182,952
1/2	14,956	1/2	33,810	1/2	52,515	1/2	71,241	1/2	90,064	1/2	108,887	1/2	127,687	1/2	146,517	1/2	165,346	1/2	183,296
3/4	15,349	3/4	34,203	3/4	52,901	3/4	71,633	3/4	90,456	3/4	109,280	3/4	128,080	3/4	146,909	3/4	165,738	3/4	183,641

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 THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 1'-03" OFF CENTERLINE AND 22'-06" FORWARD OF AFT BULKHEAD.

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# BARGE "CBC 1708"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 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	183,985	0	200,467	0	216,942	0	230,371	0		0		0		0		0		0	
1/4	184,329	1/4	200,810	1/4	217,285	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	184,673	1/2	201,153	1/2	217,628	1/2		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	185,017	3/4	201,497	3/4	217,972	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	185,361	1	201,840	1	218,315	1		1	1	1	1	1	1	1	1	1	1	1	1
1/4	185,705	1/4	202,183	1/4	218,658	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	186,050	1/2	202,526	1/2	219,001	1/2		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	186,394	3/4	202,869	3/4	219,344	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	186,738	2	203,213	2	219,688	2		2	2	2	2	2	2	2	2	2	2	2	2
1/4	187,081	1/4	203,556	1/4	220,031	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	187,424	1/2	203,899	1/2	220,374	1/2		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	187,767	3/4	204,242	3/4	220,717	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	188,111	3	204,586	3	221,061	3		3	3	3	3	3	3	3	3	3	3	3	3
1/4	188,454	1/4	204,929	1/4	221,404	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	188,797	1/2	205,272	1/2	221,747	1/2		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	189,140	3/4	205,615	3/4	222,090	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	189,484	4	205,959	4	222,433	4		4	4	4	4	4	4	4	4	4	4	4	4
1/4	189,827	1/4	206,302	1/4	222,777	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	190,170	1/2	206,645	1/2	223,120	1/2		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	190,513	3/4	206,988	3/4	223,463	3/4		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	190,857	5	207,331	5	223,806	5		5	5	5	5	5	5	5	5	5	5	5	5
1/4	191,200	1/4	207,675	1/4	224,149	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	191,543	1/2	208,018	1/2	224,493	1/2		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	191,886	3/4	208,361	3/4	224,836	3/4		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	192,229	6	208,704	6	225,179	6		6	6	6	6	6	6	6	6	6	6	6	6
1/4	192,573	1/4	209,048	1/4	225,510	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	192,916	1/2	209,391	1/2	225,842	1/2		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	193,259	3/4	209,734	3/4	226,173	3/4		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	193,602	7	210,077	7	226,505	7		7	7	7	7	7	7	7	7	7	7	7	7
1/4	193,946	1/4	210,420	1/4	226,829	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	194,289	1/2	210,764	1/2	227,153	1/2		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	194,632	3/4	211,107	3/4	227,477	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	194,975	8	211,450	8	227,802	8		8	8	8	8	8	8	8	8	8	8	8	8
1/4	195,318	1/4	211,793	1/4	228,060	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	195,662	1/2	212,137	1/2	228,319	1/2		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	196,005	3/4	212,480	3/4	228,578	3/4		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	196,348	9	212,823	9	228,837	9		9	9	9	9	9	9	9	9	9	9	9	9
1/4	196,691	1/4	213,166	1/4	229,030	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	197,035	1/2	213,510	1/2	229,223	1/2		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	197,378	3/4	213,853	3/4	229,417	3/4		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	197,721	10	214,196	10	229,610	10		10	10	10	10	10	10	10	10	10	10	10	10
1/4	198,064	1/4	214,539	1/4	229,738	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	198,408	1/2	214,882	1/2	229,866	1/2		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	198,751	3/4	215,226	3/4	229,994	3/4		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	199,094	11	215,569	11	230,122	11		11	11	11	11	11	11	11	11	11	11	11	11
1/4	199,437	1/4	215,912	1/4	230,184	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	199,780	1/2	216,255	1/2	230,246	1/2		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	200,124	3/4	216,599	3/4	230,309	3/4		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: 03/04/2020 JS  
CALCULATED: 03/05/2020 CL  
PRINTED: 03/06/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020

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



# BARGE "CBC 1708"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 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	752	0	11,000	0	21,529	0	32,025	0	42,551	0	53,080	0	63,609	0	74,138	0	84,667	0	95,195
1/4	889	1/4	11,220	1/4	21,748	1/4	32,243	1/4	42,770	1/4	53,299	1/4	63,828	1/4	74,357	1/4	84,886	1/4	95,414
1/2	1,026	1/2	11,439	1/2	21,967	1/2	32,462	1/2	42,990	1/2	53,519	1/2	64,048	1/2	74,577	1/2	85,106	1/2	95,633
3/4	1,218	3/4	11,658	3/4	22,187	3/4	32,681	3/4	43,209	3/4	53,738	3/4	64,267	3/4	74,796	3/4	85,325	3/4	95,853
1	1,410	1	11,878	1	22,406	1	32,900	1	43,428	1	53,957	1	64,486	1	75,015	1	85,544	1	96,072
1/4	1,602	1/4	12,097	1/4	22,625	1/4	33,119	1/4	43,648	1/4	54,177	1/4	64,706	1/4	75,235	1/4	85,764	1/4	96,291
1/2	1,793	1/2	12,316	1/2	22,845	1/2	33,338	1/2	43,867	1/2	54,396	1/2	64,925	1/2	75,454	1/2	85,983	1/2	96,510
3/4	2,012	3/4	12,536	3/4	23,064	3/4	33,558	3/4	44,086	3/4	54,615	3/4	65,144	3/4	75,673	3/4	86,202	3/4	96,730
2	2,230	2	12,755	2	23,283	2	33,777	2	44,306	2	54,835	2	65,364	2	75,893	2	86,422	2	96,949
1/4	2,448	1/4	12,974	1/4	23,503	1/4	33,996	1/4	44,525	1/4	55,054	1/4	65,583	1/4	76,112	1/4	86,641	1/4	97,168
1/2	2,667	1/2	13,194	1/2	23,722	1/2	34,216	1/2	44,745	1/2	55,274	1/2	65,802	1/2	76,331	1/2	86,860	1/2	97,387
3/4	2,886	3/4	13,413	3/4	23,942	3/4	34,435	3/4	44,964	3/4	55,493	3/4	66,022	3/4	76,551	3/4	87,080	3/4	97,607
3	3,105	3	13,632	3	24,161	3	34,654	3	45,183	3	55,712	3	66,241	3	76,770	3	87,299	3	97,826
1/4	3,324	1/4	13,852	1/4	24,380	1/4	34,874	1/4	45,403	1/4	55,932	1/4	66,461	1/4	76,990	1/4	87,519	1/4	98,045
1/2	3,543	1/2	14,071	1/2	24,600	1/2	35,093	1/2	45,622	1/2	56,151	1/2	66,680	1/2	77,209	1/2	87,738	1/2	98,264
3/4	3,762	3/4	14,290	3/4	24,818	3/4	35,312	3/4	45,841	3/4	56,370	3/4	66,899	3/4	77,428	3/4	87,957	3/4	98,484
4	3,981	4	14,510	4	25,036	4	35,532	4	46,061	4	56,590	4	67,119	4	77,648	4	88,177	4	98,703
1/4	4,201	1/4	14,729	1/4	25,255	1/4	35,751	1/4	46,280	1/4	56,809	1/4	67,338	1/4	77,867	1/4	88,396	1/4	98,922
1/2	4,420	1/2	14,948	1/2	25,473	1/2	35,970	1/2	46,499	1/2	57,028	1/2	67,557	1/2	78,086	1/2	88,615	1/2	99,141
3/4	4,639	3/4	15,168	3/4	25,691	3/4	36,190	3/4	46,719	3/4	57,248	3/4	67,777	3/4	78,306	3/4	88,835	3/4	99,361
5	4,859	5	15,387	5	25,910	5	36,409	5	46,938	5	57,467	5	67,996	5	78,525	5	89,054	5	99,580
1/4	5,078	1/4	15,606	1/4	26,128	1/4	36,628	1/4	47,157	1/4	57,686	1/4	68,215	1/4	78,744	1/4	89,273	1/4	99,799
1/2	5,297	1/2	15,826	1/2	26,346	1/2	36,848	1/2	47,377	1/2	57,906	1/2	68,435	1/2	78,964	1/2	89,493	1/2	100,018
3/4	5,517	3/4	16,045	3/4	26,565	3/4	37,067	3/4	47,596	3/4	58,125	3/4	68,654	3/4	79,183	3/4	89,712	3/4	100,238
6	5,736	6	16,264	6	26,783	6	37,287	6	47,815	6	58,344	6	68,873	6	79,402	6	89,931	6	100,457
1/4	5,955	1/4	16,484	1/4	27,001	1/4	37,506	1/4	48,035	1/4	58,564	1/4	69,093	1/4	79,622	1/4	90,151	1/4	100,676
1/2	6,175	1/2	16,703	1/2	27,220	1/2	37,725	1/2	48,254	1/2	58,783	1/2	69,312	1/2	79,841	1/2	90,370	1/2	100,895
3/4	6,394	3/4	16,923	3/4	27,438	3/4	37,945	3/4	48,474	3/4	59,003	3/4	69,532	3/4	80,060	3/4	90,589	3/4	101,115
7	6,613	7	17,142	7	27,656	7	38,164	7	48,693	7	59,222	7	69,751	7	80,280	7	90,809	7	101,334
1/4	6,833	1/4	17,361	1/4	27,875	1/4	38,383	1/4	48,912	1/4	59,441	1/4	69,970	1/4	80,499	1/4	91,028	1/4	101,553
1/2	7,052	1/2	17,581	1/2	28,093	1/2	38,603	1/2	49,132	1/2	59,661	1/2	70,190	1/2	80,719	1/2	91,248	1/2	101,772
3/4	7,271	3/4	17,800	3/4	28,311	3/4	38,822	3/4	49,351	3/4	59,880	3/4	70,409	3/4	80,938	3/4	91,467	3/4	101,992
8	7,491	8	18,019	8	28,530	8	39,041	8	49,570	8	60,099	8	70,628	8	81,157	8	91,686	8	102,211
1/4	7,710	1/4	18,239	1/4	28,748	1/4	39,261	1/4	49,790	1/4	60,319	1/4	70,848	1/4	81,377	1/4	91,906	1/4	102,430
1/2	7,929	1/2	18,458	1/2	28,967	1/2	39,480	1/2	50,009	1/2	60,538	1/2	71,067	1/2	81,596	1/2	92,125	1/2	102,649
3/4	8,149	3/4	18,677	3/4	29,185	3/4	39,699	3/4	50,228	3/4	60,757	3/4	71,286	3/4	81,815	3/4	92,344	3/4	102,869
9	8,368	9	18,897	9	29,403	9	39,919	9	50,448	9	60,977	9	71,506	9	82,035	9	92,564	9	103,088
1/4	8,587	1/4	19,116	1/4	29,622	1/4	40,138	1/4	50,667	1/4	61,196	1/4	71,725	1/4	82,254	1/4	92,783	1/4	103,307
1/2	8,807	1/2	19,335	1/2	29,840	1/2	40,357	1/2	50,886	1/2	61,415	1/2	71,944	1/2	82,473	1/2	93,002	1/2	103,526
3/4	9,026	3/4	19,555	3/4	30,058	3/4	40,577	3/4	51,106	3/4	61,635	3/4	72,164	3/4	82,693	3/4	93,222	3/4	103,746
10	9,245	10	19,774	10	30,277	10	40,796	10	51,325	10	61,854	10	72,383	10	82,912	10	93,441	10	103,965
1/4	9,465	1/4	19,993	1/4	30,495	1/4	41,016	1/4	51,545	1/4	62,073	1/4	72,602	1/4	83,131	1/4	93,660	1/4	104,184
1/2	9,684	1/2	20,213	1/2	30,713	1/2	41,235	1/2	51,764	1/2	62,293	1/2	72,822	1/2	83,351	1/2	93,879	1/2	104,403
3/4	9,903	3/4	20,432	3/4	30,932	3/4	41,454	3/4	51,983	3/4	62,512	3/4	73,041	3/4	83,570	3/4	94,099	3/4	104,623
11	10,123	11	20,651	11	31,150	11	41,674	11	52,203	11	62,732	11	73,261	11	83,789	11	94,318	11	104,842
1/4	10,342	1/4	20,871	1/4	31,368	1/4	41,893	1/4	52,422	1/4	62,951	1/4	73,480	1/4	84,009	1/4	94,537	1/4	105,061
1/2	10,562	1/2	21,090	1/2	31,587	1/2	42,112	1/2	52,641	1/2	63,170	1/2	73,699	1/2	84,228	1/2	94,756	1/2	105,280
3/4	10,781	3/4	21,309	3/4	31,806	3/4	42,332	3/4	52,861	3/4	63,390	3/4	73,919	3/4	84,448	3/4	94,976	3/4	105,500

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 THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 14'-09" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 1708"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 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	105,719	0	116,227	0	126,722	0		0		0		0		0		0		0	
1/4	105,938	1/4	116,446	1/4	126,940	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,157	1/2	116,664	1/2	127,159	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,377	3/4	116,883	3/4	127,378	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	106,596	1	117,102	1	127,596	1		1		1		1		1		1		1	
1/4	106,815	1/4	117,320	1/4	127,815	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,034	1/2	117,539	1/2	128,033	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,254	3/4	117,757	3/4	128,252	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	107,473	2	117,976	2	128,471	2		2		2		2		2		2		2	
1/4	107,692	1/4	118,195	1/4	128,689	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,911	1/2	118,413	1/2	128,908	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,131	3/4	118,632	3/4	129,127	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	108,350	3	118,851	3	129,345	3		3		3		3		3		3		3	
1/4	108,569	1/4	119,069	1/4	129,564	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,788	1/2	119,288	1/2	129,782	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,008	3/4	119,507	3/4	129,994	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	109,227	4	119,725	4	130,206	4		4		4		4		4		4		4	
1/4	109,446	1/4	119,944	1/4	130,418	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,665	1/2	120,162	1/2	130,631	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,885	3/4	120,381	3/4	130,811	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	110,104	5	120,600	5	130,991	5		5		5		5		5		5		5	
1/4	110,323	1/4	120,818	1/4	131,172	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,542	1/2	121,037	1/2	131,352	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,761	3/4	121,256	3/4	131,496	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	110,980	6	121,474	6	131,640	6		6		6		6		6		6		6	
1/4	111,198	1/4	121,693	1/4	131,783	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,417	1/2	121,912	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,636	3/4	122,130	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	111,854	7	122,349	7		7		7		7		7		7		7		7	
1/4	112,073	1/4	122,568	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,291	1/2	122,786	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,510	3/4	123,005	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	112,729	8	123,223	8		8		8		8		8		8		8		8	
1/4	112,947	1/4	123,442	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,166	1/2	123,661	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,385	3/4	123,879	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	113,603	9	124,098	9		9		9		9		9		9		9		9	
1/4	113,822	1/4	124,317	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,041	1/2	124,535	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,259	3/4	124,754	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	114,478	10	124,973	10		10		10		10		10		10		10		10	
1/4	114,696	1/4	125,191	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,915	1/2	125,410	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,134	3/4	125,628	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	115,352	11	125,847	11		11		11		11		11		11		11		11	
1/4	115,571	1/4	126,066	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,790	1/2	126,284	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,008	3/4	126,503	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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ALL PRIOR TO 03/2020

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# BARGE "CBC 1708"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 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	751	0	10,977	0	21,482	0	31,701	0	42,160	0	52,665	0	63,171	0	73,677	0	84,182	0	94,687
1/4	888	1/4	11,196	1/4	21,701	1/4	31,912	1/4	42,379	1/4	52,884	1/4	63,390	1/4	73,895	1/4	84,401	1/4	94,906
1/2	1,025	1/2	11,415	1/2	21,920	1/2	32,123	1/2	42,597	1/2	53,103	1/2	63,609	1/2	74,114	1/2	84,620	1/2	95,124
3/4	1,216	3/4	11,634	3/4	22,139	3/4	32,334	3/4	42,816	3/4	53,322	3/4	63,828	3/4	74,333	3/4	84,839	3/4	95,343
1	1,408	1	11,853	1	22,358	1	32,545	1	43,035	1	53,541	1	64,046	1	74,552	1	85,058	1	95,562
1/4	1,599	1/4	12,072	1/4	22,577	1/4	32,756	1/4	43,254	1/4	53,760	1/4	64,265	1/4	74,771	1/4	85,277	1/4	95,781
1/2	1,791	1/2	12,290	1/2	22,796	1/2	32,967	1/2	43,473	1/2	53,979	1/2	64,484	1/2	74,990	1/2	85,495	1/2	95,999
3/4	2,009	3/4	12,509	3/4	23,014	3/4	33,186	3/4	43,692	3/4	54,197	3/4	64,703	3/4	75,209	3/4	85,714	3/4	96,218
2	2,226	2	12,728	2	23,233	2	33,405	2	43,911	2	54,416	2	64,922	2	75,428	2	85,933	2	96,437
1/4	2,444	1/4	12,947	1/4	23,452	1/4	33,624	1/4	44,130	1/4	54,635	1/4	65,141	1/4	75,646	1/4	86,152	1/4	96,656
1/2	2,662	1/2	13,166	1/2	23,671	1/2	33,843	1/2	44,348	1/2	54,854	1/2	65,360	1/2	75,865	1/2	86,371	1/2	96,874
3/4	2,881	3/4	13,385	3/4	23,890	3/4	34,062	3/4	44,567	3/4	55,073	3/4	65,579	3/4	76,084	3/4	86,590	3/4	97,093
3	3,099	3	13,604	3	24,109	3	34,281	3	44,786	3	55,292	3	65,797	3	76,303	3	86,809	3	97,312
1/4	3,318	1/4	13,822	1/4	24,328	1/4	34,499	1/4	45,005	1/4	55,511	1/4	66,016	1/4	76,522	1/4	87,028	1/4	97,531
1/2	3,536	1/2	14,041	1/2	24,546	1/2	34,718	1/2	45,224	1/2	55,730	1/2	66,235	1/2	76,741	1/2	87,246	1/2	97,750
3/4	3,755	3/4	14,260	3/4	24,757	3/4	34,937	3/4	45,443	3/4	55,948	3/4	66,454	3/4	76,960	3/4	87,465	3/4	97,968
4	3,974	4	14,479	4	24,967	4	35,156	4	45,662	4	56,167	4	66,673	4	77,178	4	87,684	4	98,187
1/4	4,193	1/4	14,698	1/4	25,178	1/4	35,375	1/4	45,880	1/4	56,386	1/4	66,892	1/4	77,397	1/4	87,903	1/4	98,406
1/2	4,411	1/2	14,917	1/2	25,388	1/2	35,594	1/2	46,099	1/2	56,605	1/2	67,111	1/2	77,616	1/2	88,122	1/2	98,625
3/4	4,630	3/4	15,136	3/4	25,598	3/4	35,813	3/4	46,318	3/4	56,824	3/4	67,329	3/4	77,835	3/4	88,341	3/4	98,843
5	4,849	5	15,354	5	25,809	5	36,031	5	46,537	5	57,043	5	67,548	5	78,054	5	88,560	5	99,062
1/4	5,068	1/4	15,573	1/4	26,019	1/4	36,250	1/4	46,756	1/4	57,262	1/4	67,767	1/4	78,273	1/4	88,778	1/4	99,281
1/2	5,287	1/2	15,792	1/2	26,230	1/2	36,469	1/2	46,975	1/2	57,480	1/2	67,986	1/2	78,492	1/2	88,997	1/2	99,500
3/4	5,506	3/4	16,011	3/4	26,440	3/4	36,688	3/4	47,194	3/4	57,699	3/4	68,205	3/4	78,711	3/4	89,216	3/4	99,718
6	5,725	6	16,230	6	26,650	6	36,907	6	47,413	6	57,918	6	68,424	6	78,929	6	89,435	6	99,937
1/4	5,943	1/4	16,449	1/4	26,861	1/4	37,126	1/4	47,631	1/4	58,137	1/4	68,643	1/4	79,148	1/4	89,654	1/4	100,156
1/2	6,162	1/2	16,668	1/2	27,071	1/2	37,345	1/2	47,850	1/2	58,356	1/2	68,862	1/2	79,367	1/2	89,873	1/2	100,375
3/4	6,381	3/4	16,886	3/4	27,282	3/4	37,564	3/4	48,069	3/4	58,575	3/4	69,080	3/4	79,586	3/4	90,092	3/4	100,593
7	6,600	7	17,105	7	27,492	7	37,782	7	48,288	7	58,794	7	69,299	7	79,805	7	90,311	7	100,812
1/4	6,819	1/4	17,324	1/4	27,703	1/4	38,001	1/4	48,507	1/4	59,013	1/4	69,518	1/4	80,024	1/4	90,529	1/4	101,031
1/2	7,038	1/2	17,543	1/2	27,913	1/2	38,220	1/2	48,726	1/2	59,231	1/2	69,737	1/2	80,243	1/2	90,748	1/2	101,250
3/4	7,257	3/4	17,762	3/4	28,123	3/4	38,439	3/4	48,945	3/4	59,450	3/4	69,956	3/4	80,461	3/4	90,967	3/4	101,468
8	7,475	8	17,981	8	28,334	8	38,658	8	49,163	8	59,669	8	70,175	8	80,680	8	91,186	8	101,687
1/4	7,694	1/4	18,200	1/4	28,544	1/4	38,877	1/4	49,382	1/4	59,888	1/4	70,394	1/4	80,899	1/4	91,405	1/4	101,906
1/2	7,913	1/2	18,418	1/2	28,755	1/2	39,096	1/2	49,601	1/2	60,107	1/2	70,612	1/2	81,118	1/2	91,624	1/2	102,125
3/4	8,132	3/4	18,637	3/4	28,965	3/4	39,314	3/4	49,820	3/4	60,326	3/4	70,831	3/4	81,337	3/4	91,843	3/4	102,344
9	8,351	9	18,856	9	29,175	9	39,533	9	50,039	9	60,545	9	71,050	9	81,556	9	92,061	9	102,562
1/4	8,570	1/4	19,075	1/4	29,386	1/4	39,752	1/4	50,258	1/4	60,763	1/4	71,269	1/4	81,775	1/4	92,280	1/4	102,781
1/2	8,789	1/2	19,294	1/2	29,596	1/2	39,971	1/2	50,477	1/2	60,982	1/2	71,488	1/2	81,994	1/2	92,499	1/2	103,000
3/4	9,008	3/4	19,513	3/4	29,807	3/4	40,190	3/4	50,696	3/4	61,201	3/4	71,707	3/4	82,212	3/4	92,718	3/4	103,219
10	9,226	10	19,732	10	30,017	10	40,409	10	50,914	10	61,420	10	71,926	10	82,431	10	92,937	10	103,437
1/4	9,445	1/4	19,950	1/4	30,227	1/4	40,628	1/4	51,133	1/4	61,639	1/4	72,145	1/4	82,650	1/4	93,155	1/4	103,656
1/2	9,664	1/2	20,169	1/2	30,438	1/2	40,847	1/2	51,352	1/2	61,858	1/2	72,363	1/2	82,869	1/2	93,374	1/2	103,875
3/4	9,883	3/4	20,388	3/4	30,648	3/4	41,065	3/4	51,571	3/4	62,077	3/4	72,582	3/4	83,088	3/4	93,593	3/4	104,094
11	10,102	11	20,607	11	30,859	11	41,284	11	51,790	11	62,296	11	72,801	11	83,307	11	93,812	11	104,312
1/4	10,321	1/4	20,826	1/4	31,069	1/4	41,503	1/4	52,009	1/4	62,514	1/4	73,020	1/4	83,526	1/4	94,031	1/4	104,531
1/2	10,540	1/2	21,045	1/2	31,279	1/2	41,722	1/2	52,228	1/2	62,733	1/2	73,239	1/2	83,745	1/2	94,249	1/2	104,750
3/4	10,758	3/4	21,264	3/4	31,490	3/4	41,941	3/4	52,447	3/4	62,952	3/4	73,458	3/4	83,963	3/4	94,468	3/4	104,969

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 THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 14'-09" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD.

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





# BARGE "CBC 1708"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 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	105,187	0	115,672	0	126,144	0		0		0		0		0		0		0	
1/4	105,406	1/4	115,890	1/4	126,362	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	105,625	1/2	116,109	1/2	126,580	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105,844	3/4	116,327	3/4	126,798	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	106,063	1	116,545	1	127,016	1		1		1		1		1		1		1	
1/4	106,281	1/4	116,763	1/4	127,234	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,500	1/2	116,981	1/2	127,453	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,719	3/4	117,199	3/4	127,671	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	106,938	2	117,417	2	127,889	2		2		2		2		2		2		2	
1/4	107,156	1/4	117,636	1/4	128,107	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,375	1/2	117,854	1/2	128,325	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,594	3/4	118,072	3/4	128,543	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	107,813	3	118,290	3	128,761	3		3		3		3		3		3		3	
1/4	108,031	1/4	118,508	1/4	128,979	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,250	1/2	118,726	1/2	129,197	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,469	3/4	118,945	3/4	129,409	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	108,688	4	119,163	4	129,621	4		4		4		4		4		4		4	
1/4	108,906	1/4	119,381	1/4	129,832	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,125	1/2	119,599	1/2	130,044	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,344	3/4	119,817	3/4	130,224	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	109,563	5	120,035	5	130,404	5		5		5		5		5		5		5	
1/4	109,781	1/4	120,253	1/4	130,584	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,000	1/2	120,472	1/2	130,764	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,218	3/4	120,690	3/4	130,907	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	110,437	6	120,908	6	131,051	6		6		6		6		6		6		6	
1/4	110,655	1/4	121,126	1/4	131,194	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,873	1/2	121,344	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,091	3/4	121,562	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	111,309	7	121,781	7		7		7		7		7		7		7		7	
1/4	111,527	1/4	121,999	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,745	1/2	122,217	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,964	3/4	122,435	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	112,182	8	122,653	8		8		8		8		8		8		8		8	
1/4	112,400	1/4	122,871	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,618	1/2	123,089	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,836	3/4	123,308	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	113,054	9	123,526	9		9		9		9		9		9		9		9	
1/4	113,273	1/4	123,744	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,491	1/2	123,962	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,709	3/4	124,180	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	113,927	10	124,398	10		10		10		10		10		10		10		10	
1/4	114,145	1/4	124,617	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,363	1/2	124,835	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,581	3/4	125,053	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	114,800	11	125,271	11		11		11		11		11		11		11		11	
1/4	115,018	1/4	125,489	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,236	1/2	125,707	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,454	3/4	125,926	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: 03/04/2020 JS  
CALCULATED: 03/05/2020 CL  
PRINTED: 03/06/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020

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



# BARGE "CBC 1708"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

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	39	0	15,612	0	34,311	0	52,991	0	71,682	0	90,381	0	109,081	0	127,781	0	146,480	0	165,179
1/4	88	1/4	16,001	1/4	34,701	1/4	53,380	1/4	72,071	1/4	90,771	1/4	109,471	1/4	128,171	1/4	146,870	1/4	165,568
1/2	137	1/2	16,391	1/2	35,090	1/2	53,769	1/2	72,461	1/2	91,161	1/2	109,860	1/2	128,560	1/2	147,259	1/2	165,958
3/4	185	3/4	16,781	3/4	35,480	3/4	54,158	3/4	72,850	3/4	91,550	3/4	110,250	3/4	128,950	3/4	147,649	3/4	166,347
1	234	1	17,170	1	35,869	1	54,547	1	73,240	1	91,940	1	110,640	1	129,339	1	148,038	1	166,736
1/4	380	1/4	17,560	1/4	36,259	1/4	54,935	1/4	73,630	1/4	92,329	1/4	111,029	1/4	129,729	1/4	148,428	1/4	167,126
1/2	526	1/2	17,949	1/2	36,649	1/2	55,324	1/2	74,019	1/2	92,719	1/2	111,419	1/2	130,119	1/2	148,817	1/2	167,515
3/4	672	3/4	18,339	3/4	37,038	3/4	55,713	3/4	74,409	3/4	93,109	3/4	111,808	3/4	130,508	3/4	149,207	3/4	167,905
2	818	2	18,728	2	37,428	2	56,102	2	74,798	2	93,498	2	112,198	2	130,898	2	149,597	2	168,294
1/4	1,062	1/4	19,118	1/4	37,817	1/4	56,491	1/4	75,188	1/4	93,888	1/4	112,588	1/4	131,287	1/4	149,986	1/4	168,683
1/2	1,305	1/2	19,508	1/2	38,207	1/2	56,880	1/2	75,577	1/2	94,277	1/2	112,977	1/2	131,677	1/2	150,376	1/2	169,073
3/4	1,549	3/4	19,897	3/4	38,596	3/4	57,269	3/4	75,967	3/4	94,667	3/4	113,367	3/4	132,066	3/4	150,765	3/4	169,462
3	1,792	3	20,287	3	38,986	3	57,658	3	76,357	3	95,056	3	113,756	3	132,456	3	151,155	3	169,851
1/4	2,133	1/4	20,676	1/4	39,376	1/4	58,048	1/4	76,746	1/4	95,446	1/4	114,146	1/4	132,845	1/4	151,544	1/4	170,241
1/2	2,474	1/2	21,066	1/2	39,765	1/2	58,437	1/2	77,136	1/2	95,836	1/2	114,535	1/2	133,235	1/2	151,934	1/2	170,630
3/4	2,815	3/4	21,455	3/4	40,155	3/4	58,826	3/4	77,525	3/4	96,225	3/4	114,925	3/4	133,625	3/4	152,323	3/4	171,020
4	3,156	4	21,845	4	40,544	4	59,215	4	77,915	4	96,615	4	115,315	4	134,014	4	152,713	4	171,409
1/4	3,543	1/4	22,235	1/4	40,934	1/4	59,605	1/4	78,305	1/4	97,004	1/4	115,704	1/4	134,404	1/4	153,103	1/4	171,798
1/2	3,931	1/2	22,624	1/2	41,323	1/2	59,994	1/2	78,694	1/2	97,394	1/2	116,094	1/2	134,793	1/2	153,492	1/2	172,188
3/4	4,319	3/4	23,014	3/4	41,713	3/4	60,384	3/4	79,084	3/4	97,784	3/4	116,483	3/4	135,183	3/4	153,882	3/4	172,577
5	4,706	5	23,403	5	42,103	5	60,773	5	79,473	5	98,173	5	116,873	5	135,572	5	154,271	5	172,966
1/4	5,095	1/4	23,793	1/4	42,492	1/4	61,163	1/4	79,863	1/4	98,563	1/4	117,263	1/4	135,962	1/4	154,661	1/4	173,356
1/2	5,484	1/2	24,182	1/2	42,882	1/2	61,553	1/2	80,252	1/2	98,952	1/2	117,652	1/2	136,351	1/2	155,050	1/2	173,745
3/4	5,873	3/4	24,572	3/4	43,271	3/4	61,942	3/4	80,642	3/4	99,342	3/4	118,042	3/4	136,741	3/4	155,440	3/4	174,135
6	6,262	6	24,962	6	43,661	6	62,332	6	81,032	6	99,731	6	118,431	6	137,131	6	155,829	6	174,524
1/4	6,652	1/4	25,351	1/4	44,050	1/4	62,721	1/4	81,421	1/4	100,121	1/4	118,821	1/4	137,520	1/4	156,219	1/4	174,913
1/2	7,041	1/2	25,741	1/2	44,438	1/2	63,111	1/2	81,811	1/2	100,511	1/2	119,210	1/2	137,910	1/2	156,609	1/2	175,303
3/4	7,431	3/4	26,130	3/4	44,827	3/4	63,500	3/4	82,200	3/4	100,900	3/4	119,600	3/4	138,299	3/4	156,998	3/4	175,692
7	7,820	7	26,520	7	45,216	7	63,890	7	82,590	7	101,290	7	119,990	7	138,689	7	157,388	7	176,081
1/4	8,210	1/4	26,909	1/4	45,605	1/4	64,280	1/4	82,979	1/4	101,679	1/4	120,379	1/4	139,078	1/4	157,777	1/4	176,471
1/2	8,600	1/2	27,299	1/2	45,994	1/2	64,669	1/2	83,369	1/2	102,069	1/2	120,769	1/2	139,468	1/2	158,167	1/2	176,860
3/4	8,989	3/4	27,689	3/4	46,382	3/4	65,059	3/4	83,759	3/4	102,458	3/4	121,158	3/4	139,858	3/4	158,556	3/4	177,250
8	9,379	8	28,078	8	46,771	8	65,448	8	84,148	8	102,848	8	121,548	8	140,247	8	158,946	8	177,639
1/4	9,768	1/4	28,468	1/4	47,160	1/4	65,838	1/4	84,538	1/4	103,238	1/4	121,937	1/4	140,637	1/4	159,336	1/4	178,028
1/2	10,158	1/2	28,857	1/2	47,549	1/2	66,228	1/2	84,927	1/2	103,627	1/2	122,327	1/2	141,026	1/2	159,725	1/2	178,418
3/4	10,547	3/4	29,247	3/4	47,937	3/4	66,617	3/4	85,317	3/4	104,017	3/4	122,717	3/4	141,416	3/4	160,115	3/4	178,807
9	10,937	9	29,636	9	48,326	9	67,007	9	85,707	9	104,406	9	123,106	9	141,805	9	160,504	9	179,197
1/4	11,327	1/4	30,026	1/4	48,715	1/4	67,396	1/4	86,096	1/4	104,796	1/4	123,496	1/4	142,195	1/4	160,894	1/4	179,586
1/2	11,716	1/2	30,416	1/2	49,104	1/2	67,786	1/2	86,486	1/2	105,186	1/2	123,885	1/2	142,584	1/2	161,283	1/2	179,975
3/4	12,106	3/4	30,805	3/4	49,492	3/4	68,175	3/4	86,875	3/4	105,575	3/4	124,275	3/4	142,974	3/4	161,673	3/4	180,365
10	12,495	10	31,195	10	49,881	10	68,565	10	87,265	10	105,965	10	124,665	10	143,364	10	162,062	10	180,754
1/4	12,885	1/4	31,584	1/4	50,270	1/4	68,955	1/4	87,654	1/4	106,354	1/4	125,054	1/4	143,753	1/4	162,452	1/4	181,143
1/2	13,274	1/2	31,974	1/2	50,659	1/2	69,344	1/2	88,044	1/2	106,744	1/2	125,444	1/2	144,143	1/2	162,842	1/2	181,533
3/4	13,664	3/4	32,363	3/4	51,048	3/4	69,734	3/4	88,434	3/4	107,133	3/4	125,833	3/4	144,532	3/4	163,231	3/4	181,922
11	14,054	11	32,753	11	51,436	11	70,123	11	88,823	11	107,523	11	126,223	11	144,922	11	163,621	11	182,312
1/4	14,443	1/4	33,143	1/4	51,825	1/4	70,513	1/4	89,213	1/4	107,913	1/4	126,612	1/4	145,311	1/4	164,010	1/4	182,701
1/2	14,833	1/2	33,532	1/2	52,214	1/2	70,902	1/2	89,602	1/2	108,302	1/2	127,002	1/2	145,701	1/2	164,400	1/2	183,090
3/4	15,222	3/4	33,922	3/4	52,603	3/4	71,292	3/4	89,992	3/4	108,692	3/4	127,392	3/4	146,090	3/4	164,789	3/4	183,480

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 THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 01'-03" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
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P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 1708"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

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	183,869	0	202,551	0	221,215	0	235,949	0		0		0		0		0		0	
1/4	184,258	1/4	202,940	1/4	221,604	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	184,648	1/2	203,328	1/2	221,993	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	185,037	3/4	203,717	3/4	222,382	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	185,427	1	204,106	1	222,771	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	185,816	1/4	204,495	1/4	223,159	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	186,205	1/2	204,884	1/2	223,548	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	186,595	3/4	205,273	3/4	223,937	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	186,984	2	205,661	2	224,326	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	187,373	1/4	206,050	1/4	224,715	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	187,763	1/2	206,439	1/2	225,104	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	188,152	3/4	206,828	3/4	225,492	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	188,542	3	207,217	3	225,881	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	188,931	1/4	207,606	1/4	226,270	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	189,320	1/2	207,994	1/2	226,659	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	189,710	3/4	208,383	3/4	227,048	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	190,099	4	208,772	4	227,437	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	190,488	1/4	209,161	1/4	227,826	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	190,878	1/2	209,550	1/2	228,214	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	191,267	3/4	209,939	3/4	228,603	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	191,657	5	210,328	5	228,992	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	192,046	1/4	210,716	1/4	229,381	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	192,435	1/2	211,105	1/2	229,769	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	192,825	3/4	211,494	3/4	230,158	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	193,214	6	211,883	6	230,547	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	193,604	1/4	212,272	1/4	230,927	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	193,993	1/2	212,661	1/2	231,307	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	194,382	3/4	213,049	3/4	231,688	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	194,772	7	213,438	7	232,068	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	195,161	1/4	213,827	1/4	232,392	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	195,550	1/2	214,216	1/2	232,716	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	195,940	3/4	214,605	3/4	233,040	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	196,329	8	214,994	8	233,363	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	196,718	1/4	215,383	1/4	233,622	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	197,107	1/2	215,771	1/2	233,881	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	197,496	3/4	216,160	3/4	234,140	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	197,885	9	216,549	9	234,399	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	198,273	1/4	216,938	1/4	234,593	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	198,662	1/2	217,327	1/2	234,788	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	199,051	3/4	217,716	3/4	234,982	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	199,440	10	218,104	10	235,176	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	199,829	1/4	218,493	1/4	235,305	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	200,218	1/2	218,882	1/2	235,434	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	200,606	3/4	219,271	3/4	235,563	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	200,995	11	219,660	11	235,692	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	201,384	1/4	220,049	1/4	235,756	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	201,773	1/2	220,438	1/2	235,821	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	202,162	3/4	220,826	3/4	235,885	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2020 JS  
CALCULATED: 03/05/2020 CL  
PRINTED: 03/06/2020 SW

PRECISION MEASUREMENT  
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# BARGE "CBC 1708"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 01-7/8	01-7/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 STBD	- 00-1/8	00-1/8	- 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
3 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4

(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 1 CENTER IS 00-5/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 5/8"

LENGTH BETWEEN DRAFT MARKS: 162'-03"

March 4, 2020

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

<http://www.pmacorp.net>





# BARGE "CBC 1708"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	0	0	0	0	217,971	0	201,497	0	185,017	0	167,307	0	148,478	0	129,649	0	110,847		
1/4	1/4	1/4	1/4	1/4	1/4	217,628	1/4	201,153	1/4	184,673	1/4	166,915	1/4	148,086	1/4	129,256	1/4	110,455		
1/2	1/2	1/2	1/2	1/2	1/2	217,285	1/2	200,810	1/2	184,329	1/2	166,522	1/2	147,693	1/2	128,864	1/2	110,063		
3/4	3/4	3/4	3/4	3/4	3/4	230,371	3/4	216,942	3/4	200,467	3/4	183,985	3/4	166,130	3/4	147,301	3/4	128,472	3/4	109,672
1	1	1	1	1	1	230,309	1	216,599	1	200,124	1	183,640	1	165,738	1	146,909	1	128,080	1	109,280
1/4	1/4	1/4	1/4	1/4	1/4	230,246	1/4	216,255	1/4	199,780	1/4	183,296	1/4	165,346	1/4	146,517	1/4	127,687	1/4	108,887
1/2	1/2	1/2	1/2	1/2	1/2	230,184	1/2	215,912	1/2	199,437	1/2	182,952	1/2	164,953	1/2	146,124	1/2	127,295	1/2	108,495
3/4	3/4	3/4	3/4	3/4	3/4	230,121	3/4	215,569	3/4	199,094	3/4	182,608	3/4	164,561	3/4	145,732	3/4	126,903	3/4	108,103
2	2	2	2	2	2	229,994	2	215,226	2	198,751	2	182,264	2	164,169	2	145,340	2	126,511	2	107,711
1/4	1/4	1/4	1/4	1/4	1/4	229,866	1/4	214,882	1/4	198,407	1/4	181,920	1/4	163,777	1/4	144,947	1/4	126,118	1/4	107,319
1/2	1/2	1/2	1/2	1/2	1/2	229,738	1/2	214,539	1/2	198,064	1/2	181,576	1/2	163,384	1/2	144,555	1/2	125,726	1/2	106,927
3/4	3/4	3/4	3/4	3/4	3/4	229,610	3/4	214,196	3/4	197,721	3/4	181,231	3/4	162,992	3/4	144,163	3/4	125,334	3/4	106,535
3	3	3	3	3	3	229,417	3	213,853	3	197,378	3	180,887	3	162,600	3	143,771	3	124,942	3	106,142
1/4	1/4	1/4	1/4	1/4	1/4	229,223	1/4	213,509	1/4	197,035	1/4	180,543	1/4	162,208	1/4	143,378	1/4	124,551	1/4	105,750
1/2	1/2	1/2	1/2	1/2	1/2	229,030	1/2	213,166	1/2	196,691	1/2	180,199	1/2	161,815	1/2	142,986	1/2	124,159	1/2	105,358
3/4	3/4	3/4	3/4	3/4	3/4	228,837	3/4	212,823	3/4	196,348	3/4	179,855	3/4	161,423	3/4	142,594	3/4	123,767	3/4	104,966
4	4	4	4	4	4	228,578	4	212,480	4	196,005	4	179,511	4	161,031	4	142,202	4	123,376	4	104,574
1/4	1/4	1/4	1/4	1/4	1/4	228,319	1/4	212,137	1/4	195,662	1/4	179,167	1/4	160,638	1/4	141,809	1/4	122,984	1/4	104,182
1/2	1/2	1/2	1/2	1/2	1/2	228,060	1/2	211,793	1/2	195,318	1/2	178,822	1/2	160,246	1/2	141,417	1/2	122,593	1/2	103,789
3/4	3/4	3/4	3/4	3/4	3/4	227,802	3/4	211,450	3/4	194,975	3/4	178,478	3/4	159,854	3/4	141,025	3/4	122,201	3/4	103,397
5	5	5	5	5	5	227,477	5	211,107	5	194,632	5	178,134	5	159,462	5	140,632	5	121,810	5	103,005
1/4	1/4	1/4	1/4	1/4	1/4	227,153	1/4	210,764	1/4	194,289	1/4	177,790	1/4	159,069	1/4	140,240	1/4	121,418	1/4	102,613
1/2	1/2	1/2	1/2	1/2	1/2	226,829	1/2	210,420	1/2	193,946	1/2	177,446	1/2	158,677	1/2	139,848	1/2	121,027	1/2	102,221
3/4	3/4	3/4	3/4	3/4	3/4	226,505	3/4	210,077	3/4	193,602	3/4	177,102	3/4	158,285	3/4	139,456	3/4	120,635	3/4	101,829
6	6	6	6	6	6	226,173	6	209,734	6	193,259	6	176,710	6	157,893	6	139,063	6	120,244	6	101,437
1/4	1/4	1/4	1/4	1/4	1/4	225,842	1/4	209,391	1/4	192,916	1/4	176,318	1/4	157,500	1/4	138,671	1/4	119,852	1/4	101,044
1/2	1/2	1/2	1/2	1/2	1/2	225,510	1/2	209,048	1/2	192,573	1/2	175,926	1/2	157,108	1/2	138,279	1/2	119,461	1/2	100,652
3/4	3/4	3/4	3/4	3/4	3/4	225,179	3/4	208,704	3/4	192,229	3/4	175,535	3/4	156,716	3/4	137,887	3/4	119,069	3/4	100,260
7	7	7	7	7	7	224,836	7	208,361	7	191,886	7	175,143	7	156,323	7	137,494	7	118,677	7	99,868
1/4	1/4	1/4	1/4	1/4	1/4	224,492	1/4	208,018	1/4	191,543	1/4	174,751	1/4	155,931	1/4	137,102	1/4	118,286	1/4	99,476
1/2	1/2	1/2	1/2	1/2	1/2	224,149	1/2	207,675	1/2	191,200	1/2	174,359	1/2	155,539	1/2	136,710	1/2	117,894	1/2	99,084
3/4	3/4	3/4	3/4	3/4	3/4	223,806	3/4	207,331	3/4	190,856	3/4	173,968	3/4	155,147	3/4	136,317	3/4	117,503	3/4	98,691
8	8	8	8	8	8	223,463	8	206,988	8	190,513	8	173,576	8	154,754	8	135,925	8	117,111	8	98,299
1/4	1/4	1/4	1/4	1/4	1/4	223,120	1/4	206,645	1/4	190,170	1/4	173,184	1/4	154,362	1/4	135,533	1/4	116,720	1/4	97,907
1/2	1/2	1/2	1/2	1/2	1/2	222,777	1/2	206,302	1/2	189,827	1/2	172,792	1/2	153,970	1/2	135,141	1/2	116,328	1/2	97,515
3/4	3/4	3/4	3/4	3/4	3/4	222,434	3/4	205,958	3/4	189,484	3/4	172,400	3/4	153,577	3/4	134,748	3/4	115,937	3/4	97,123
9	9	9	9	9	9	222,090	9	205,615	9	189,140	9	172,009	9	153,185	9	134,356	9	115,545	9	96,731
1/4	1/4	1/4	1/4	1/4	1/4	221,747	1/4	205,272	1/4	188,797	1/4	171,617	1/4	152,793	1/4	133,964	1/4	115,154	1/4	96,339
1/2	1/2	1/2	1/2	1/2	1/2	221,404	1/2	204,929	1/2	188,454	1/2	171,225	1/2	152,401	1/2	133,571	1/2	114,762	1/2	95,946
3/4	3/4	3/4	3/4	3/4	3/4	221,061	3/4	204,586	3/4	188,111	3/4	170,833	3/4	152,008	3/4	133,179	3/4	114,371	3/4	95,554
10	10	10	10	10	10	220,717	10	204,242	10	187,767	10	170,442	10	151,616	10	132,787	10	113,979	10	95,162
1/4	1/4	1/4	1/4	1/4	1/4	220,374	1/4	203,899	1/4	187,424	1/4	170,050	1/4	151,224	1/4	132,395	1/4	113,588	1/4	94,770
1/2	1/2	1/2	1/2	1/2	1/2	220,031	1/2	203,556	1/2	187,081	1/2	169,658	1/2	150,832	1/2	132,002	1/2	113,196	1/2	94,378
3/4	3/4	3/4	3/4	3/4	3/4	219,688	3/4	203,213	3/4	186,738	3/4	169,266	3/4	150,439	3/4	131,610	3/4	112,804	3/4	93,986
11	11	11	11	11	11	219,344	11	202,869	11	186,394	11	168,874	11	150,047	11	131,218	11	112,413	11	93,593
1/4	1/4	1/4	1/4	1/4	1/4	219,001	1/4	202,526	1/4	186,049	1/4	168,483	1/4	149,655	1/4	130,826	1/4	112,021	1/4	93,201
1/2	1/2	1/2	1/2	1/2	1/2	218,658	1/2	202,183	1/2	185,705	1/2	168,091	1/2	149,262	1/2	130,433	1/2	111,630	1/2	92,809
3/4	3/4	3/4	3/4	3/4	3/4	218,315	3/4	201,840	3/4	185,361	3/4	167,699	3/4	148,870	3/4	130,041	3/4	111,238	3/4	92,417

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED 1'-03" OFF CENTERLINE AND 22'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 1708"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 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	92,025	0	73,201	0	54,448	0	35,772	0	16,920	0	187	0		0		0		0	
1/4	91,633	1/4	72,809	1/4	54,061	1/4	35,380	1/4	16,527	1/4	138	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,241	1/2	72,417	1/2	53,674	1/2	34,987	1/2	16,134	1/2	88	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,848	3/4	72,025	3/4	53,288	3/4	34,595	3/4	15,742	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	90,456	1	71,633	1	52,901	1	34,203	1	15,349	1		1	1	1	1	1	1	1	1
1/4	90,064	1/4	71,241	1/4	52,515	1/4	33,810	1/4	14,956	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,672	1/2	70,849	1/2	52,128	1/2	33,418	1/2	14,563	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,280	3/4	70,456	3/4	51,742	3/4	33,026	3/4	14,170	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	88,888	2	70,064	2	51,355	2	32,633	2	13,778	2	2	2	2	2	2	2	2	2	2
1/4	88,495	1/4	69,672	1/4	50,969	1/4	32,240	1/4	13,385	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,103	1/2	69,280	1/2	50,582	1/2	31,847	1/2	12,992	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,711	3/4	68,888	3/4	50,196	3/4	31,454	3/4	12,599	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	87,319	3	68,496	3	49,809	3	31,062	3	12,206	3	3	3	3	3	3	3	3	3	3
1/4	86,927	1/4	68,103	1/4	49,422	1/4	30,669	1/4	11,813	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,535	1/2	67,711	1/2	49,036	1/2	30,276	1/2	11,421	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,143	3/4	67,319	3/4	48,649	3/4	29,883	3/4	11,028	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	85,750	4	66,927	4	48,263	4	29,490	4	10,635	4	4	4	4	4	4	4	4	4	4
1/4	85,358	1/4	66,535	1/4	47,876	1/4	29,097	1/4	10,242	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,966	1/2	66,143	1/2	47,490	1/2	28,705	1/2	9,849	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,574	3/4	65,751	3/4	47,103	3/4	28,312	3/4	9,457	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	84,182	5	65,358	5	46,717	5	27,919	5	9,064	5	5	5	5	5	5	5	5	5	5
1/4	83,790	1/4	64,966	1/4	46,330	1/4	27,526	1/4	8,671	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,397	1/2	64,574	1/2	45,944	1/2	27,133	1/2	8,278	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,005	3/4	64,182	3/4	45,557	3/4	26,741	3/4	7,885	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	82,613	6	63,790	6	45,171	6	26,348	6	7,492	6	6	6	6	6	6	6	6	6	6
1/4	82,221	1/4	63,398	1/4	44,784	1/4	25,955	1/4	7,100	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,829	1/2	63,005	1/2	44,397	1/2	25,562	1/2	6,707	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,437	3/4	62,613	3/4	44,011	3/4	25,169	3/4	6,314	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	81,045	7	62,221	7	43,619	7	24,776	7	5,922	7	7	7	7	7	7	7	7	7	7
1/4	80,652	1/4	61,829	1/4	43,226	1/4	24,384	1/4	5,530	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,260	1/2	61,437	1/2	42,834	1/2	23,991	1/2	5,137	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,868	3/4	61,045	3/4	42,442	3/4	23,598	3/4	4,745	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	79,476	8	60,653	8	42,049	8	23,205	8	4,354	8	8	8	8	8	8	8	8	8	8
1/4	79,084	1/4	60,260	1/4	41,657	1/4	22,812	1/4	3,963	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,692	1/2	59,868	1/2	41,265	1/2	22,420	1/2	3,572	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,299	3/4	59,476	3/4	40,872	3/4	22,027	3/4	3,182	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	77,907	9	59,089	9	40,480	9	21,634	9	2,838	9	9	9	9	9	9	9	9	9	9
1/4	77,515	1/4	58,702	1/4	40,088	1/4	21,241	1/4	2,494	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,123	1/2	58,315	1/2	39,695	1/2	20,848	1/2	2,151	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,731	3/4	57,928	3/4	39,303	3/4	20,455	3/4	1,807	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	76,339	10	57,541	10	38,911	10	20,063	10	1,561	10	10	10	10	10	10	10	10	10	10
1/4	75,947	1/4	57,154	1/4	38,518	1/4	19,670	1/4	1,316	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,554	1/2	56,767	1/2	38,126	1/2	19,277	1/2	1,070	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,162	3/4	56,380	3/4	37,734	3/4	18,884	3/4	825	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	74,770	11	55,994	11	37,341	11	18,491	11	678	11	11	11	11	11	11	11	11	11	11
1/4	74,378	1/4	55,607	1/4	36,949	1/4	18,099	1/4	530	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,986	1/2	55,221	1/2	36,557	1/2	17,706	1/2	383	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,594	3/4	54,834	3/4	36,164	3/4	17,313	3/4	236	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: 03/04/2020 JS  
CALCULATED: 03/05/2020 CL  
PRINTED: 03/06/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "CBC 1708"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	0	0	0	0	122,130	0	111,635	0	101,114	0	90,589	0	80,060	0	69,531	0	59,002		
1/4	1/4	1/4	1/4	1/4	1/4	121,911	1/4	111,417	1/4	100,895	1/4	90,370	1/4	79,841	1/4	69,312	1/4	58,783		
1/2	1/2	1/2	1/2	1/2	1/2	131,783	1/2	121,693	1/2	111,198	1/2	100,676	1/2	90,150	1/2	79,621	1/2	69,092	1/2	58,563
3/4	3/4	3/4	3/4	3/4	3/4	131,639	3/4	121,474	3/4	110,979	3/4	100,457	3/4	89,931	3/4	79,402	3/4	68,873	3/4	58,344
1	1	1	1	1	1	131,495	1	121,255	1	110,761	1	100,237	1	89,712	1	79,183	1	68,654	1	58,125
1/4	1/4	1/4	1/4	1/4	1/4	131,352	1/4	121,037	1/4	110,542	1/4	100,018	1/4	89,492	1/4	78,963	1/4	68,434	1/4	57,905
1/2	1/2	1/2	1/2	1/2	1/2	131,171	1/2	120,818	1/2	110,323	1/2	99,799	1/2	89,273	1/2	78,744	1/2	68,215	1/2	57,686
3/4	3/4	3/4	3/4	3/4	3/4	130,991	3/4	120,599	3/4	110,103	3/4	99,580	3/4	89,054	3/4	78,525	3/4	67,996	3/4	57,467
2	2	2	2	2	2	130,811	2	120,381	2	109,884	2	99,360	2	88,834	2	78,305	2	67,776	2	57,247
1/4	1/4	1/4	1/4	1/4	1/4	130,630	1/4	120,162	1/4	109,665	1/4	99,141	1/4	88,615	1/4	78,086	1/4	67,557	1/4	57,028
1/2	1/2	1/2	1/2	1/2	1/2	130,418	1/2	119,943	1/2	109,446	1/2	98,922	1/2	88,396	1/2	77,867	1/2	67,338	1/2	56,809
3/4	3/4	3/4	3/4	3/4	3/4	130,206	3/4	119,725	3/4	109,226	3/4	98,703	3/4	88,176	3/4	77,647	3/4	67,118	3/4	56,589
3	3	3	3	3	3	129,994	3	119,506	3	109,007	3	98,483	3	87,957	3	77,428	3	66,899	3	56,370
1/4	1/4	1/4	1/4	1/4	1/4	129,782	1/4	119,288	1/4	108,788	1/4	98,264	1/4	87,738	1/4	77,209	1/4	66,680	1/4	56,151
1/2	1/2	1/2	1/2	1/2	1/2	129,563	1/2	119,069	1/2	108,569	1/2	98,045	1/2	87,518	1/2	76,989	1/2	66,460	1/2	55,931
3/4	3/4	3/4	3/4	3/4	3/4	129,345	3/4	118,850	3/4	108,349	3/4	97,826	3/4	87,299	3/4	76,770	3/4	66,241	3/4	55,712
4	4	4	4	4	4	129,126	4	118,632	4	108,130	4	97,606	4	87,079	4	76,550	4	66,022	4	55,493
1/4	1/4	1/4	1/4	1/4	1/4	128,908	1/4	118,413	1/4	107,911	1/4	97,387	1/4	86,860	1/4	76,331	1/4	65,803	1/4	55,273
1/2	1/2	1/2	1/2	1/2	1/2	128,689	1/2	118,194	1/2	107,692	1/2	97,168	1/2	86,641	1/2	76,112	1/2	65,582	1/2	55,054
3/4	3/4	3/4	3/4	3/4	3/4	128,470	3/4	117,976	3/4	107,473	3/4	96,949	3/4	86,421	3/4	75,892	3/4	65,363	3/4	54,834
5	5	5	5	5	5	128,252	5	117,757	5	107,253	5	96,729	5	86,202	5	75,673	5	65,144	5	54,615
1/4	1/4	1/4	1/4	1/4	1/4	128,033	1/4	117,538	1/4	107,034	1/4	96,510	1/4	85,983	1/4	75,454	1/4	64,925	1/4	54,396
1/2	1/2	1/2	1/2	1/2	1/2	127,815	1/2	117,320	1/2	106,815	1/2	96,291	1/2	85,763	1/2	75,234	1/2	64,705	1/2	54,176
3/4	3/4	3/4	3/4	3/4	3/4	127,596	3/4	117,101	3/4	106,596	3/4	96,072	3/4	85,544	3/4	75,015	3/4	64,486	3/4	53,957
6	6	6	6	6	6	127,377	6	116,883	6	106,376	6	95,852	6	85,325	6	74,796	6	64,267	6	53,738
1/4	1/4	1/4	1/4	1/4	1/4	127,159	1/4	116,664	1/4	106,157	1/4	95,633	1/4	85,105	1/4	74,576	1/4	64,047	1/4	53,518
1/2	1/2	1/2	1/2	1/2	1/2	126,940	1/2	116,445	1/2	105,938	1/2	95,414	1/2	84,886	1/2	74,357	1/2	63,828	1/2	53,299
3/4	3/4	3/4	3/4	3/4	3/4	126,721	3/4	116,227	3/4	105,719	3/4	95,195	3/4	84,667	3/4	74,138	3/4	63,609	3/4	53,080
7	7	7	7	7	7	126,503	7	116,008	7	105,499	7	94,975	7	84,447	7	73,918	7	63,389	7	52,860
1/4	1/4	1/4	1/4	1/4	1/4	126,284	1/4	115,789	1/4	105,280	1/4	94,756	1/4	84,228	1/4	73,699	1/4	63,170	1/4	52,641
1/2	1/2	1/2	1/2	1/2	1/2	126,065	1/2	115,571	1/2	105,061	1/2	94,537	1/2	84,009	1/2	73,480	1/2	62,951	1/2	52,422
3/4	3/4	3/4	3/4	3/4	3/4	125,847	3/4	115,352	3/4	104,842	3/4	94,318	3/4	83,789	3/4	73,260	3/4	62,731	3/4	52,202
8	8	8	8	8	8	125,628	8	115,133	8	104,622	8	94,098	8	83,570	8	73,041	8	62,512	8	51,983
1/4	1/4	1/4	1/4	1/4	1/4	125,409	1/4	114,915	1/4	104,403	1/4	93,879	1/4	83,350	1/4	72,821	1/4	62,293	1/4	51,764
1/2	1/2	1/2	1/2	1/2	1/2	125,191	1/2	114,696	1/2	104,184	1/2	93,660	1/2	83,131	1/2	72,602	1/2	62,073	1/2	51,544
3/4	3/4	3/4	3/4	3/4	3/4	124,972	3/4	114,478	3/4	103,965	3/4	93,441	3/4	82,912	3/4	72,383	3/4	61,854	3/4	51,325
9	9	9	9	9	9	124,754	9	114,259	9	103,745	9	93,221	9	82,692	9	72,163	9	61,634	9	51,105
1/4	1/4	1/4	1/4	1/4	1/4	124,535	1/4	114,040	1/4	103,526	1/4	93,002	1/4	82,473	1/4	71,944	1/4	61,415	1/4	50,886
1/2	1/2	1/2	1/2	1/2	1/2	124,316	1/2	113,822	1/2	103,307	1/2	92,783	1/2	82,254	1/2	71,725	1/2	61,196	1/2	50,667
3/4	3/4	3/4	3/4	3/4	3/4	124,098	3/4	113,603	3/4	103,088	3/4	92,563	3/4	82,034	3/4	71,505	3/4	60,976	3/4	50,447
10	10	10	10	10	10	123,879	10	113,384	10	102,868	10	92,344	10	81,815	10	71,286	10	60,757	10	50,228
1/4	1/4	1/4	1/4	1/4	1/4	123,660	1/4	113,166	1/4	102,649	1/4	92,125	1/4	81,596	1/4	71,067	1/4	60,538	1/4	50,009
1/2	1/2	1/2	1/2	1/2	1/2	123,442	1/2	112,947	1/2	102,430	1/2	91,905	1/2	81,376	1/2	70,847	1/2	60,318	1/2	49,789
3/4	3/4	3/4	3/4	3/4	3/4	123,223	3/4	112,728	3/4	102,211	3/4	91,686	3/4	81,157	3/4	70,628	3/4	60,099	3/4	49,570
11	11	11	11	11	11	123,004	11	112,510	11	101,991	11	91,467	11	80,938	11	70,409	11	59,880	11	49,351
1/4	1/4	1/4	1/4	1/4	1/4	122,786	1/4	112,291	1/4	101,772	1/4	91,247	1/4	80,718	1/4	70,189	1/4	59,660	1/4	49,131
1/2	1/2	1/2	1/2	1/2	1/2	122,567	1/2	112,072	1/2	101,553	1/2	91,028	1/2	80,499	1/2	69,970	1/2	59,441	1/2	48,912
3/4	3/4	3/4	3/4	3/4	3/4	122,349	3/4	111,854	3/4	101,334	3/4	90,808	3/4	80,280	3/4	69,751	3/4	59,222	3/4	48,693

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED 14'-09" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 1708"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 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	48,473	0	37,944	0	27,438	0	16,922	0	6,394	0		0		0		0		0	
1/4	48,254	1/4	37,725	1/4	27,219	1/4	16,703	1/4	6,174	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,035	1/2	37,506	1/2	27,001	1/2	16,483	1/2	5,955	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,815	3/4	37,286	3/4	26,783	3/4	16,264	3/4	5,736	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	47,596	1	37,067	1	26,564	1	16,045	1	5,516	1		1	1	1	1	1	1	1	1
1/4	47,376	1/4	36,847	1/4	26,346	1/4	15,825	1/4	5,297	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,157	1/2	36,628	1/2	26,128	1/2	15,606	1/2	5,078	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,938	3/4	36,409	3/4	25,909	3/4	15,387	3/4	4,858	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	46,718	2	36,189	2	25,691	2	15,167	2	4,639	2		2	2	2	2	2	2	2	2
1/4	46,499	1/4	35,970	1/4	25,473	1/4	14,948	1/4	4,420	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46,280	1/2	35,751	1/2	25,254	1/2	14,729	1/2	4,200	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,060	3/4	35,531	3/4	25,036	3/4	14,509	3/4	3,981	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	45,841	3	35,312	3	24,818	3	14,290	3	3,762	3		3	3	3	3	3	3	3	3
1/4	45,622	1/4	35,093	1/4	24,599	1/4	14,071	1/4	3,542	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	45,402	1/2	34,873	1/2	24,380	1/2	13,851	1/2	3,323	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,183	3/4	34,654	3/4	24,161	3/4	13,632	3/4	3,104	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	44,964	4	34,435	4	23,941	4	13,413	4	2,885	4		4	4	4	4	4	4	4	4
1/4	44,744	1/4	34,215	1/4	23,722	1/4	13,193	1/4	2,666	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44,525	1/2	33,996	1/2	23,503	1/2	12,974	1/2	2,448	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	44,305	3/4	33,777	3/4	23,283	3/4	12,755	3/4	2,230	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	44,086	5	33,557	5	23,064	5	12,535	5	2,011	5		5	5	5	5	5	5	5	5
1/4	43,867	1/4	33,338	1/4	22,844	1/4	12,316	1/4	1,793	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	43,647	1/2	33,119	1/2	22,625	1/2	12,097	1/2	1,601	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	43,428	3/4	32,900	3/4	22,406	3/4	11,877	3/4	1,409	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	43,209	6	32,681	6	22,186	6	11,658	6	1,217	6		6	6	6	6	6	6	6	6
1/4	42,989	1/4	32,462	1/4	21,967	1/4	11,439	1/4	1,026	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	42,770	1/2	32,243	1/2	21,748	1/2	11,219	1/2	888	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	42,551	3/4	32,024	3/4	21,528	3/4	11,000	3/4	752	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	42,331	7	31,805	7	21,309	7	10,781	7		7		7	7	7	7	7	7	7	7
1/4	42,112	1/4	31,586	1/4	21,090	1/4	10,561	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	41,893	1/2	31,368	1/2	20,870	1/2	10,342	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	41,673	3/4	31,150	3/4	20,651	3/4	10,122	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	41,454	8	30,931	8	20,432	8	9,903	8		8		8	8	8	8	8	8	8	8
1/4	41,235	1/4	30,713	1/4	20,212	1/4	9,684	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	41,015	1/2	30,495	1/2	19,993	1/2	9,464	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	40,796	3/4	30,276	3/4	19,774	3/4	9,245	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	40,576	9	30,058	9	19,554	9	9,026	9		9		9	9	9	9	9	9	9	9
1/4	40,357	1/4	29,840	1/4	19,335	1/4	8,806	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	40,138	1/2	29,621	1/2	19,116	1/2	8,587	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	39,918	3/4	29,403	3/4	18,896	3/4	8,368	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	39,699	10	29,185	10	18,677	10	8,148	10		10		10	10	10	10	10	10	10	10
1/4	39,480	1/4	28,966	1/4	18,458	1/4	7,929	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	39,260	1/2	28,748	1/2	18,238	1/2	7,710	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	39,041	3/4	28,529	3/4	18,019	3/4	7,490	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	38,822	11	28,311	11	17,800	11	7,271	11		11		11	11	11	11	11	11	11	11
1/4	38,602	1/4	28,093	1/4	17,580	1/4	7,052	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	38,383	1/2	27,874	1/2	17,361	1/2	6,832	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	38,164	3/4	27,656	3/4	17,142	3/4	6,613	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 03/04/2020 JS  
CALCULATED: 03/05/2020 CL  
PRINTED: 03/06/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CBC 1708"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 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		0		0		0	121,562	0	111,091	0	100,593	0	90,092	0	79,586	0	69,080	0	58,575
1/4		1/4		1/4		1/4	121,344	1/4	110,873	1/4	100,375	1/4	89,873	1/4	79,367	1/4	68,861	1/4	58,356
1/2		1/2		1/2		1/2	131,194	1/2	121,126	1/2	110,655	1/2	100,156	1/2	89,654	1/2	79,148	1/2	68,643
3/4		3/4		3/4		3/4	131,051	3/4	120,908	3/4	110,436	3/4	99,937	3/4	89,435	3/4	78,929	3/4	68,424
1		1		1		1	130,907	1	120,690	1	110,218	1	99,718	1	89,216	1	78,710	1	68,205
1/4		1/4		1/4		1/4	130,764	1/4	120,472	1/4	110,000	1/4	99,500	1/4	88,997	1/4	78,492	1/4	67,986
1/2		1/2		1/2		1/2	130,584	1/2	120,253	1/2	109,781	1/2	99,281	1/2	88,778	1/2	78,273	1/2	67,767
3/4		3/4		3/4		3/4	130,404	3/4	120,035	3/4	109,563	3/4	99,062	3/4	88,559	3/4	78,054	3/4	67,548
2		2		2		2	130,224	2	119,817	2	109,344	2	98,843	2	88,341	2	77,835	2	67,329
1/4		1/4		1/4		1/4	130,044	1/4	119,599	1/4	109,125	1/4	98,624	1/4	88,122	1/4	77,616	1/4	67,110
1/2		1/2		1/2		1/2	129,832	1/2	119,381	1/2	108,906	1/2	98,406	1/2	87,903	1/2	77,397	1/2	66,892
3/4		3/4		3/4		3/4	129,621	3/4	119,163	3/4	108,688	3/4	98,187	3/4	87,684	3/4	77,178	3/4	66,673
3		3		3		3	129,409	3	118,944	3	108,469	3	97,968	3	87,465	3	76,960	3	66,454
1/4		1/4		1/4		1/4	129,197	1/4	118,726	1/4	108,250	1/4	97,749	1/4	87,246	1/4	76,741	1/4	66,235
1/2		1/2		1/2		1/2	128,979	1/2	118,508	1/2	108,031	1/2	97,531	1/2	87,027	1/2	76,522	1/2	66,016
3/4		3/4		3/4		3/4	128,761	3/4	118,290	3/4	107,813	3/4	97,312	3/4	86,809	3/4	76,303	3/4	65,797
4		4		4		4	128,543	4	118,072	4	107,594	4	97,093	4	86,590	4	76,084	4	65,578
1/4		1/4		1/4		1/4	128,325	1/4	117,854	1/4	107,375	1/4	96,874	1/4	86,371	1/4	75,865	1/4	65,360
1/2		1/2		1/2		1/2	128,107	1/2	117,636	1/2	107,156	1/2	96,656	1/2	86,152	1/2	75,646	1/2	65,141
3/4		3/4		3/4		3/4	127,889	3/4	117,417	3/4	106,937	3/4	96,437	3/4	85,933	3/4	75,427	3/4	64,922
5		5		5		5	127,671	5	117,199	5	106,719	5	96,218	5	85,714	5	75,209	5	64,703
1/4		1/4		1/4		1/4	127,452	1/4	116,981	1/4	106,500	1/4	95,999	1/4	85,495	1/4	74,990	1/4	64,484
1/2		1/2		1/2		1/2	127,234	1/2	116,763	1/2	106,281	1/2	95,781	1/2	85,276	1/2	74,771	1/2	64,265
3/4		3/4		3/4		3/4	127,016	3/4	116,545	3/4	106,062	3/4	95,562	3/4	85,058	3/4	74,552	3/4	64,046
6		6		6		6	126,798	6	116,327	6	105,844	6	95,343	6	84,839	6	74,333	6	63,827
1/4		1/4		1/4		1/4	126,580	1/4	116,108	1/4	105,625	1/4	95,124	1/4	84,620	1/4	74,114	1/4	63,609
1/2		1/2		1/2		1/2	126,362	1/2	115,890	1/2	105,406	1/2	94,905	1/2	84,401	1/2	73,895	1/2	63,390
3/4		3/4		3/4		3/4	126,144	3/4	115,672	3/4	105,187	3/4	94,687	3/4	84,182	3/4	73,677	3/4	63,171
7		7		7		7	125,925	7	115,454	7	104,969	7	94,468	7	83,963	7	73,458	7	62,952
1/4		1/4		1/4		1/4	125,707	1/4	115,236	1/4	104,750	1/4	94,249	1/4	83,744	1/4	73,239	1/4	62,733
1/2		1/2		1/2		1/2	125,489	1/2	115,018	1/2	104,531	1/2	94,030	1/2	83,526	1/2	73,020	1/2	62,514
3/4		3/4		3/4		3/4	125,271	3/4	114,800	3/4	104,312	3/4	93,812	3/4	83,307	3/4	72,801	3/4	62,295
8		8		8		8	125,053	8	114,581	8	104,094	8	93,593	8	83,088	8	72,582	8	62,077
1/4		1/4		1/4		1/4	124,835	1/4	114,363	1/4	103,875	1/4	93,374	1/4	82,869	1/4	72,363	1/4	61,858
1/2		1/2		1/2		1/2	124,616	1/2	114,145	1/2	103,656	1/2	93,155	1/2	82,650	1/2	72,144	1/2	61,639
3/4		3/4		3/4		3/4	124,398	3/4	113,927	3/4	103,437	3/4	92,937	3/4	82,431	3/4	71,926	3/4	61,420
9		9		9		9	124,180	9	113,709	9	103,218	9	92,718	9	82,212	9	71,707	9	61,201
1/4		1/4		1/4		1/4	123,962	1/4	113,491	1/4	103,000	1/4	92,499	1/4	81,993	1/4	71,488	1/4	60,982
1/2		1/2		1/2		1/2	123,744	1/2	113,272	1/2	102,781	1/2	92,280	1/2	81,775	1/2	71,269	1/2	60,763
3/4		3/4		3/4		3/4	123,526	3/4	113,054	3/4	102,562	3/4	92,061	3/4	81,556	3/4	71,050	3/4	60,544
10		10		10		10	123,308	10	112,836	10	102,343	10	91,842	10	81,337	10	70,831	10	60,326
1/4		1/4		1/4		1/4	123,089	1/4	112,618	1/4	102,125	1/4	91,624	1/4	81,118	1/4	70,612	1/4	60,107
1/2		1/2		1/2		1/2	122,871	1/2	112,400	1/2	101,906	1/2	91,405	1/2	80,899	1/2	70,394	1/2	59,888
3/4		3/4		3/4		3/4	122,653	3/4	112,182	3/4	101,687	3/4	91,186	3/4	80,680	3/4	70,175	3/4	59,669
11		11		11		11	122,435	11	111,964	11	101,468	11	90,967	11	80,461	11	69,956	11	59,450
1/4		1/4		1/4		1/4	122,217	1/4	111,745	1/4	101,250	1/4	90,748	1/4	80,243	1/4	69,737	1/4	59,231
1/2		1/2		1/2		1/2	121,999	1/2	111,527	1/2	101,031	1/2	90,529	1/2	80,024	1/2	69,518	1/2	59,012
3/4		3/4		3/4		3/4	121,780	3/4	111,309	3/4	100,812	3/4	90,310	3/4	79,805	3/4	69,299	3/4	58,794

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED 14'-09" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 1708"

**2 STBD**  
**ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 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	48,069	0	37,563	0	27,282	0	16,886	0	6,381	0		0		0		0		0	
1/4	47,850	1/4	37,345	1/4	27,071	1/4	16,667	1/4	6,162	1/4		1/4		1/4		1/4		1/4	
1/2	47,631	1/2	37,126	1/2	26,861	1/2	16,449	1/2	5,943	1/2		1/2		1/2		1/2		1/2	
3/4	47,412	3/4	36,907	3/4	26,650	3/4	16,230	3/4	5,725	3/4		3/4		3/4		3/4		3/4	
1	47,194	1	36,688	1	26,440	1	16,011	1	5,506	1		1		1		1		1	
1/4	46,975	1/4	36,469	1/4	26,230	1/4	15,792	1/4	5,287	1/4		1/4		1/4		1/4		1/4	
1/2	46,756	1/2	36,250	1/2	26,019	1/2	15,573	1/2	5,068	1/2		1/2		1/2		1/2		1/2	
3/4	46,537	3/4	36,031	3/4	25,809	3/4	15,354	3/4	4,849	3/4		3/4		3/4		3/4		3/4	
2	46,318	2	35,813	2	25,598	2	15,135	2	4,630	2		2		2		2		2	
1/4	46,099	1/4	35,594	1/4	25,388	1/4	14,917	1/4	4,411	1/4		1/4		1/4		1/4		1/4	
1/2	45,880	1/2	35,375	1/2	25,178	1/2	14,698	1/2	4,193	1/2		1/2		1/2		1/2		1/2	
3/4	45,662	3/4	35,156	3/4	24,967	3/4	14,479	3/4	3,974	3/4		3/4		3/4		3/4		3/4	
3	45,443	3	34,937	3	24,757	3	14,260	3	3,755	3		3		3		3		3	
1/4	45,224	1/4	34,718	1/4	24,546	1/4	14,041	1/4	3,536	1/4		1/4		1/4		1/4		1/4	
1/2	45,005	1/2	34,499	1/2	24,327	1/2	13,822	1/2	3,318	1/2		1/2		1/2		1/2		1/2	
3/4	44,786	3/4	34,280	3/4	24,109	3/4	13,603	3/4	3,099	3/4		3/4		3/4		3/4		3/4	
4	44,567	4	34,062	4	23,890	4	13,385	4	2,880	4		4		4		4		4	
1/4	44,348	1/4	33,843	1/4	23,671	1/4	13,166	1/4	2,662	1/4		1/4		1/4		1/4		1/4	
1/2	44,129	1/2	33,624	1/2	23,452	1/2	12,947	1/2	2,444	1/2		1/2		1/2		1/2		1/2	
3/4	43,911	3/4	33,405	3/4	23,233	3/4	12,728	3/4	2,226	3/4		3/4		3/4		3/4		3/4	
5	43,692	5	33,186	5	23,014	5	12,509	5	2,009	5		5		5		5		5	
1/4	43,473	1/4	32,967	1/4	22,795	1/4	12,290	1/4	1,791	1/4		1/4		1/4		1/4		1/4	
1/2	43,254	1/2	32,756	1/2	22,577	1/2	12,071	1/2	1,599	1/2		1/2		1/2		1/2		1/2	
3/4	43,035	3/4	32,545	3/4	22,358	3/4	11,853	3/4	1,408	3/4		3/4		3/4		3/4		3/4	
6	42,816	6	32,334	6	22,139	6	11,634	6	1,216	6		6		6		6		6	
1/4	42,597	1/4	32,123	1/4	21,920	1/4	11,415	1/4	1,025	1/4		1/4		1/4		1/4		1/4	
1/2	42,379	1/2	31,912	1/2	21,701	1/2	11,196	1/2	888	1/2		1/2		1/2		1/2		1/2	
3/4	42,160	3/4	31,701	3/4	21,482	3/4	10,977	3/4	751	3/4		3/4		3/4		3/4		3/4	
7	41,941	7	31,490	7	21,263	7	10,758	7		7		7		7		7		7	
1/4	41,722	1/4	31,279	1/4	21,045	1/4	10,539	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41,503	1/2	31,069	1/2	20,826	1/2	10,321	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41,284	3/4	30,859	3/4	20,607	3/4	10,102	3/4		3/4		3/4		3/4		3/4		3/4	
8	41,065	8	30,648	8	20,388	8	9,883	8		8		8		8		8		8	
1/4	40,846	1/4	30,438	1/4	20,169	1/4	9,664	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,628	1/2	30,227	1/2	19,950	1/2	9,445	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40,409	3/4	30,017	3/4	19,731	3/4	9,226	3/4		3/4		3/4		3/4		3/4		3/4	
9	40,190	9	29,806	9	19,513	9	9,007	9		9		9		9		9		9	
1/4	39,971	1/4	29,596	1/4	19,294	1/4	8,789	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,752	1/2	29,386	1/2	19,075	1/2	8,570	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,533	3/4	29,175	3/4	18,856	3/4	8,351	3/4		3/4		3/4		3/4		3/4		3/4	
10	39,314	10	28,965	10	18,637	10	8,132	10		10		10		10		10		10	
1/4	39,096	1/4	28,754	1/4	18,418	1/4	7,913	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,877	1/2	28,544	1/2	18,199	1/2	7,694	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,658	3/4	28,334	3/4	17,981	3/4	7,475	3/4		3/4		3/4		3/4		3/4		3/4	
11	38,439	11	28,123	11	17,762	11	7,257	11		11		11		11		11		11	
1/4	38,220	1/4	27,913	1/4	17,543	1/4	7,038	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,001	1/2	27,702	1/2	17,324	1/2	6,819	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37,782	3/4	27,492	3/4	17,105	3/4	6,600	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2020 JS  
CALCULATED: 03/05/2020 CL  
PRINTED: 03/06/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020

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



# BARGE "CBC 1708"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

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		0		0		0	222,771	0	204,106	0	185,427	0	166,737	0	148,038	0	129,339	0	110,640
1/4		1/4		1/4		1/4	222,382	1/4	203,717	1/4	185,037	1/4	166,347	1/4	147,649	1/4	128,950	1/4	110,250
1/2		1/2		1/2		1/2	221,993	1/2	203,328	1/2	184,648	1/2	165,958	1/2	147,259	1/2	128,560	1/2	109,861
3/4		3/4		3/4		3/4	221,604	3/4	202,940	3/4	184,259	3/4	165,568	3/4	146,870	3/4	128,171	3/4	109,471
1		1		1	235,949	1	221,215	1	202,551	1	183,869	1	165,179	1	146,480	1	127,781	1	109,081
1/4		1/4		1/4	235,885	1/4	220,826	1/4	202,162	1/4	183,480	1/4	164,789	1/4	146,091	1/4	127,392	1/4	108,692
1/2		1/2		1/2	235,821	1/2	220,438	1/2	201,773	1/2	183,090	1/2	164,400	1/2	145,701	1/2	127,002	1/2	108,302
3/4		3/4		3/4	235,756	3/4	220,049	3/4	201,384	3/4	182,701	3/4	164,010	3/4	145,311	3/4	126,613	3/4	107,913
2		2		2	235,692	2	219,660	2	200,995	2	182,312	2	163,621	2	144,922	2	126,223	2	107,523
1/4		1/4		1/4	235,563	1/4	219,271	1/4	200,607	1/4	181,922	1/4	163,231	1/4	144,532	1/4	125,833	1/4	107,134
1/2		1/2		1/2	235,434	1/2	218,882	1/2	200,218	1/2	181,533	1/2	162,842	1/2	144,143	1/2	125,444	1/2	106,744
3/4		3/4		3/4	235,305	3/4	218,493	3/4	199,829	3/4	181,143	3/4	162,452	3/4	143,753	3/4	125,054	3/4	106,354
3		3		3	235,176	3	218,105	3	199,440	3	180,754	3	162,063	3	143,364	3	124,665	3	105,965
1/4		1/4		1/4	234,982	1/4	217,716	1/4	199,051	1/4	180,365	1/4	161,673	1/4	142,974	1/4	124,275	1/4	105,575
1/2		1/2		1/2	234,788	1/2	217,327	1/2	198,662	1/2	179,975	1/2	161,283	1/2	142,585	1/2	123,885	1/2	105,186
3/4		3/4		3/4	234,594	3/4	216,938	3/4	198,273	3/4	179,586	3/4	160,894	3/4	142,195	3/4	123,496	3/4	104,796
4		4		4	234,400	4	216,549	4	197,885	4	179,197	4	160,504	4	141,805	4	123,106	4	104,406
1/4		1/4		1/4	234,141	1/4	216,160	1/4	197,496	1/4	178,807	1/4	160,115	1/4	141,416	1/4	122,717	1/4	104,017
1/2		1/2		1/2	233,882	1/2	215,771	1/2	197,107	1/2	178,418	1/2	159,725	1/2	141,026	1/2	122,327	1/2	103,627
3/4		3/4		3/4	233,623	3/4	215,383	3/4	196,718	3/4	178,028	3/4	159,336	3/4	140,637	3/4	121,938	3/4	103,238
5		5		5	233,364	5	214,994	5	196,329	5	177,639	5	158,946	5	140,247	5	121,548	5	102,848
1/4		1/4		1/4	233,040	1/4	214,605	1/4	195,940	1/4	177,250	1/4	158,556	1/4	139,858	1/4	121,158	1/4	102,459
1/2		1/2		1/2	232,716	1/2	214,216	1/2	195,550	1/2	176,860	1/2	158,167	1/2	139,468	1/2	120,769	1/2	102,069
3/4		3/4		3/4	232,392	3/4	213,827	3/4	195,161	3/4	176,471	3/4	157,777	3/4	139,078	3/4	120,379	3/4	101,679
6		6		6	232,068	6	213,438	6	194,772	6	176,082	6	157,388	6	138,689	6	119,990	6	101,290
1/4		1/4		1/4	231,688	1/4	213,050	1/4	194,382	1/4	175,692	1/4	156,998	1/4	138,299	1/4	119,600	1/4	100,900
1/2		1/2		1/2	231,307	1/2	212,661	1/2	193,993	1/2	175,303	1/2	156,609	1/2	137,910	1/2	119,210	1/2	100,511
3/4		3/4		3/4	230,927	3/4	212,272	3/4	193,604	3/4	174,913	3/4	156,219	3/4	137,520	3/4	118,821	3/4	100,121
7		7		7	230,547	7	211,883	7	193,214	7	174,524	7	155,830	7	137,131	7	118,431	7	99,731
1/4		1/4		1/4	230,158	1/4	211,494	1/4	192,825	1/4	174,135	1/4	155,440	1/4	136,741	1/4	118,042	1/4	99,342
1/2		1/2		1/2	229,770	1/2	211,105	1/2	192,435	1/2	173,745	1/2	155,050	1/2	136,352	1/2	117,652	1/2	98,952
3/4		3/4		3/4	229,381	3/4	210,716	3/4	192,046	3/4	173,356	3/4	154,661	3/4	135,962	3/4	117,263	3/4	98,563
8		8		8	228,992	8	210,328	8	191,657	8	172,967	8	154,271	8	135,572	8	116,873	8	98,173
1/4		1/4		1/4	228,603	1/4	209,939	1/4	191,267	1/4	172,577	1/4	153,882	1/4	135,183	1/4	116,483	1/4	97,784
1/2		1/2		1/2	228,214	1/2	209,550	1/2	190,878	1/2	172,188	1/2	153,492	1/2	134,793	1/2	116,094	1/2	97,394
3/4		3/4		3/4	227,826	3/4	209,161	3/4	190,489	3/4	171,798	3/4	153,103	3/4	134,404	3/4	115,704	3/4	97,004
9		9		9	227,437	9	208,772	9	190,099	9	171,409	9	152,713	9	134,014	9	115,315	9	96,615
1/4		1/4		1/4	227,048	1/4	208,383	1/4	189,710	1/4	171,020	1/4	152,324	1/4	133,625	1/4	114,925	1/4	96,225
1/2		1/2		1/2	226,659	1/2	207,995	1/2	189,320	1/2	170,630	1/2	151,934	1/2	133,235	1/2	114,536	1/2	95,836
3/4		3/4		3/4	226,270	3/4	207,606	3/4	188,931	3/4	170,241	3/4	151,544	3/4	132,846	3/4	114,146	3/4	95,446
10		10		10	225,881	10	207,217	10	188,542	10	169,852	10	151,155	10	132,456	10	113,756	10	95,057
1/4		1/4		1/4	225,493	1/4	206,828	1/4	188,152	1/4	169,462	1/4	150,765	1/4	132,066	1/4	113,367	1/4	94,667
1/2		1/2		1/2	225,104	1/2	206,439	1/2	187,763	1/2	169,073	1/2	150,376	1/2	131,677	1/2	112,977	1/2	94,277
3/4		3/4		3/4	224,715	3/4	206,050	3/4	187,374	3/4	168,683	3/4	149,986	3/4	131,287	3/4	112,588	3/4	93,888
11		11		11	224,326	11	205,661	11	186,984	11	168,294	11	149,597	11	130,898	11	112,198	11	93,498
1/4		1/4		1/4	223,937	1/4	205,273	1/4	186,595	1/4	167,905	1/4	149,207	1/4	130,508	1/4	111,808	1/4	93,109
1/2		1/2		1/2	223,548	1/2	204,884	1/2	186,205	1/2	167,515	1/2	148,817	1/2	130,119	1/2	111,419	1/2	92,719
3/4		3/4		3/4	223,159	3/4	204,495	3/4	185,816	3/4	167,126	3/4	148,428	3/4	129,729	3/4	111,029	3/4	92,329

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE

GAUGE POINT: (MMC) LOCATED 01'-03" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1708"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

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	91,940	0	73,240	0	54,547	0	35,870	0	17,170	0	234	0		0					
1/4	91,550	1/4	72,850	1/4	54,158	1/4	35,480	1/4	16,781	1/4	186	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,161	1/2	72,461	1/2	53,769	1/2	35,090	1/2	16,391	1/2	137	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,771	3/4	72,071	3/4	53,380	3/4	34,701	3/4	16,001	3/4	88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	90,382	1	71,682	1	52,992	1	34,311	1	15,612	1	39	1	1	1	1	1	1	1	1
1/4	89,992	1/4	71,292	1/4	52,603	1/4	33,922	1/4	15,222	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,602	1/2	70,903	1/2	52,214	1/2	33,532	1/2	14,833	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,213	3/4	70,513	3/4	51,825	3/4	33,143	3/4	14,443	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	88,823	2	70,123	2	51,436	2	32,753	2	14,054	2	2	2	2	2	2	2	2	2	2
1/4	88,434	1/4	69,734	1/4	51,046	1/4	32,363	1/4	13,664	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,044	1/2	69,344	1/2	50,659	1/2	31,974	1/2	13,274	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,655	3/4	68,955	3/4	50,270	3/4	31,584	3/4	12,885	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	87,265	3	68,565	3	49,881	3	31,195	3	12,495	3	3	3	3	3	3	3	3	3	3
1/4	86,875	1/4	68,176	1/4	49,493	1/4	30,805	1/4	12,106	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,486	1/2	67,786	1/2	49,104	1/2	30,416	1/2	11,716	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,096	3/4	67,396	3/4	48,715	3/4	30,026	3/4	11,327	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	85,707	4	67,007	4	48,326	4	29,636	4	10,937	4	4	4	4	4	4	4	4	4	4
1/4	85,317	1/4	66,617	1/4	47,937	1/4	29,247	1/4	10,547	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,927	1/2	66,228	1/2	47,549	1/2	28,857	1/2	10,158	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,538	3/4	65,838	3/4	47,160	3/4	28,468	3/4	9,768	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	84,148	5	65,448	5	46,771	5	28,078	5	9,379	5	5	5	5	5	5	5	5	5	5
1/4	83,759	1/4	65,059	1/4	46,382	1/4	27,689	1/4	8,989	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,369	1/2	64,669	1/2	45,994	1/2	27,299	1/2	8,600	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,980	3/4	64,280	3/4	45,605	3/4	26,909	3/4	8,210	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	82,590	6	63,890	6	45,216	6	26,520	6	7,820	6	6	6	6	6	6	6	6	6	6
1/4	82,200	1/4	63,501	1/4	44,827	1/4	26,130	1/4	7,431	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,811	1/2	63,111	1/2	44,439	1/2	25,741	1/2	7,041	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,421	3/4	62,721	3/4	44,050	3/4	25,351	3/4	6,652	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	81,032	7	62,332	7	43,661	7	24,962	7	6,262	7	7	7	7	7	7	7	7	7	7
1/4	80,642	1/4	61,942	1/4	43,271	1/4	24,572	1/4	5,873	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,252	1/2	61,553	1/2	42,882	1/2	24,182	1/2	5,484	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,863	3/4	61,163	3/4	42,492	3/4	23,793	3/4	5,095	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	79,473	8	60,773	8	42,103	8	23,403	8	4,706	8	8	8	8	8	8	8	8	8	8
1/4	79,084	1/4	60,384	1/4	41,713	1/4	23,014	1/4	4,319	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,694	1/2	59,994	1/2	41,324	1/2	22,624	1/2	3,931	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,305	3/4	59,605	3/4	40,934	3/4	22,235	3/4	3,543	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	77,915	9	59,215	9	40,544	9	21,845	9	3,156	9	9	9	9	9	9	9	9	9	9
1/4	77,525	1/4	58,826	1/4	40,155	1/4	21,455	1/4	2,815	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,136	1/2	58,437	1/2	39,765	1/2	21,066	1/2	2,474	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,746	3/4	58,048	3/4	39,376	3/4	20,676	3/4	2,133	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	76,357	10	57,658	10	38,986	10	20,287	10	1,792	10	10	10	10	10	10	10	10	10	10
1/4	75,967	1/4	57,269	1/4	38,597	1/4	19,897	1/4	1,549	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,578	1/2	56,880	1/2	38,207	1/2	19,508	1/2	1,305	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,188	3/4	56,491	3/4	37,817	3/4	19,118	3/4	1,062	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	74,798	11	56,102	11	37,428	11	18,728	11	819	11	11	11	11	11	11	11	11	11	11
1/4	74,409	1/4	55,713	1/4	37,038	1/4	18,339	1/4	672	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,019	1/2	55,324	1/2	36,649	1/2	17,949	1/2	526	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,630	3/4	54,935	3/4	36,259	3/4	17,560	3/4	380	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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