



# BARGE "CBC 1707"

## 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"

January 30, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1707"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	15,688	0	34,478	0	53,108	0	71,782	0	90,541	0	109,301	0	128,038	0	146,803	0	165,568
1/4	88	1/4	16,080	1/4	34,869	1/4	53,493	1/4	72,172	1/4	90,932	1/4	109,691	1/4	128,429	1/4	147,194	1/4	165,959
1/2	137	1/2	16,471	1/2	35,260	1/2	53,878	1/2	72,563	1/2	91,323	1/2	110,082	1/2	128,819	1/2	147,585	1/2	166,350
3/4	186	3/4	16,863	3/4	35,651	3/4	54,263	3/4	72,954	3/4	91,714	3/4	110,472	3/4	129,210	3/4	147,976	3/4	166,741
1	235	1	17,254	1	36,042	1	54,649	1	73,345	1	92,105	1	110,862	1	129,601	1	148,367	1	167,132
1/4	382	1/4	17,646	1/4	36,433	1/4	55,034	1/4	73,736	1/4	92,495	1/4	111,252	1/4	129,992	1/4	148,758	1/4	167,523
1/2	529	1/2	18,037	1/2	36,824	1/2	55,419	1/2	74,126	1/2	92,886	1/2	111,643	1/2	130,383	1/2	149,149	1/2	167,913
3/4	675	3/4	18,429	3/4	37,215	3/4	55,804	3/4	74,517	3/4	93,277	3/4	112,033	3/4	130,774	3/4	149,540	3/4	168,304
2	822	2	18,820	2	37,606	2	56,190	2	74,908	2	93,668	2	112,423	2	131,165	2	149,931	2	168,694
1/4	1,067	1/4	19,212	1/4	37,997	1/4	56,575	1/4	75,299	1/4	94,059	1/4	112,813	1/4	131,556	1/4	150,322	1/4	169,084
1/2	1,311	1/2	19,603	1/2	38,388	1/2	56,961	1/2	75,690	1/2	94,450	1/2	113,203	1/2	131,947	1/2	150,713	1/2	169,475
3/4	1,556	3/4	19,995	3/4	38,779	3/4	57,347	3/4	76,081	3/4	94,840	3/4	113,594	3/4	132,338	3/4	151,104	3/4	169,865
3	1,801	3	20,386	3	39,170	3	57,732	3	76,471	3	95,231	3	113,984	3	132,729	3	151,494	3	170,256
1/4	2,143	1/4	20,778	1/4	39,561	1/4	58,118	1/4	76,862	1/4	95,622	1/4	114,374	1/4	133,120	1/4	151,885	1/4	170,646
1/2	2,486	1/2	21,169	1/2	39,952	1/2	58,504	1/2	77,253	1/2	96,013	1/2	114,764	1/2	133,511	1/2	152,276	1/2	171,037
3/4	2,828	3/4	21,561	3/4	40,343	3/4	58,889	3/4	77,644	3/4	96,404	3/4	115,155	3/4	133,902	3/4	152,667	3/4	171,427
4	3,171	4	21,952	4	40,734	4	59,275	4	78,035	4	96,794	4	115,545	4	134,293	4	153,058	4	171,818
1/4	3,560	1/4	22,344	1/4	41,125	1/4	59,666	1/4	78,426	1/4	97,185	1/4	115,935	1/4	134,684	1/4	153,449	1/4	172,208
1/2	3,950	1/2	22,735	1/2	41,516	1/2	60,057	1/2	78,816	1/2	97,576	1/2	116,325	1/2	135,075	1/2	153,840	1/2	172,598
3/4	4,340	3/4	23,127	3/4	41,907	3/4	60,447	3/4	79,207	3/4	97,967	3/4	116,715	3/4	135,466	3/4	154,231	3/4	172,989
5	4,729	5	23,518	5	42,298	5	60,838	5	79,598	5	98,358	5	117,106	5	135,857	5	154,622	5	173,379
1/4	5,120	1/4	23,910	1/4	42,689	1/4	61,229	1/4	79,989	1/4	98,749	1/4	117,496	1/4	136,247	1/4	155,013	1/4	173,770
1/2	5,511	1/2	24,301	1/2	43,080	1/2	61,620	1/2	80,380	1/2	99,139	1/2	117,886	1/2	136,638	1/2	155,404	1/2	174,160
3/4	5,902	3/4	24,693	3/4	43,471	3/4	62,011	3/4	80,771	3/4	99,530	3/4	118,276	3/4	137,029	3/4	155,795	3/4	174,551
6	6,293	6	25,084	6	43,862	6	62,402	6	81,161	6	99,921	6	118,666	6	137,420	6	156,186	6	174,941
1/4	6,684	1/4	25,476	1/4	44,247	1/4	62,792	1/4	81,552	1/4	100,312	1/4	119,057	1/4	137,811	1/4	156,577	1/4	175,332
1/2	7,076	1/2	25,867	1/2	44,633	1/2	63,183	1/2	81,943	1/2	100,703	1/2	119,447	1/2	138,202	1/2	156,968	1/2	175,722
3/4	7,467	3/4	26,259	3/4	45,018	3/4	63,574	3/4	82,334	3/4	101,094	3/4	119,837	3/4	138,593	3/4	157,359	3/4	176,113
7	7,859	7	26,650	7	45,403	7	63,965	7	82,725	7	101,484	7	120,227	7	138,984	7	157,750	7	176,503
1/4	8,250	1/4	27,042	1/4	45,788	1/4	64,356	1/4	83,116	1/4	101,875	1/4	120,618	1/4	139,375	1/4	158,141	1/4	176,894
1/2	8,642	1/2	27,433	1/2	46,174	1/2	64,747	1/2	83,506	1/2	102,266	1/2	121,008	1/2	139,766	1/2	158,532	1/2	177,285
3/4	9,033	3/4	27,825	3/4	46,559	3/4	65,137	3/4	83,897	3/4	102,657	3/4	121,398	3/4	140,157	3/4	158,922	3/4	177,676
8	9,425	8	28,216	8	46,944	8	65,528	8	84,288	8	103,048	8	121,788	8	140,548	8	159,313	8	178,067
1/4	9,816	1/4	28,608	1/4	47,329	1/4	65,919	1/4	84,679	1/4	103,439	1/4	122,178	1/4	140,939	1/4	159,704	1/4	178,458
1/2	10,208	1/2	28,999	1/2	47,714	1/2	66,310	1/2	85,070	1/2	103,829	1/2	122,569	1/2	141,330	1/2	160,095	1/2	178,849
3/4	10,599	3/4	29,391	3/4	48,100	3/4	66,701	3/4	85,460	3/4	104,220	3/4	122,959	3/4	141,721	3/4	160,486	3/4	179,240
9	10,991	9	29,782	9	48,485	9	67,092	9	85,851	9	104,611	9	123,349	9	142,112	9	160,877	9	179,631
1/4	11,382	1/4	30,174	1/4	48,870	1/4	67,482	1/4	86,242	1/4	105,002	1/4	123,739	1/4	142,503	1/4	161,268	1/4	180,022
1/2	11,774	1/2	30,565	1/2	49,255	1/2	67,873	1/2	86,633	1/2	105,393	1/2	124,129	1/2	142,894	1/2	161,659	1/2	180,413
3/4	12,165	3/4	30,957	3/4	49,641	3/4	68,264	3/4	87,024	3/4	105,784	3/4	124,520	3/4	143,285	3/4	162,050	3/4	180,804
10	12,556	10	31,348	10	50,026	10	68,655	10	87,415	10	106,174	10	124,910	10	143,676	10	162,441	10	181,195
1/4	12,948	1/4	31,740	1/4	50,411	1/4	69,046	1/4	87,805	1/4	106,565	1/4	125,301	1/4	144,066	1/4	162,832	1/4	181,586
1/2	13,339	1/2	32,131	1/2	50,796	1/2	69,437	1/2	88,196	1/2	106,956	1/2	125,692	1/2	144,457	1/2	163,223	1/2	181,977
3/4	13,731	3/4	32,523	3/4	51,182	3/4	69,827	3/4	88,587	3/4	107,347	3/4	126,083	3/4	144,848	3/4	163,614	3/4	182,368
11	14,122	11	32,914	11	51,567	11	70,218	11	88,978	11	107,738	11	126,474	11	145,239	11	164,005	11	182,759
1/4	14,514	1/4	33,305	1/4	51,952	1/4	70,609	1/4	89,369	1/4	108,129	1/4	126,865	1/4	145,630	1/4	164,396	1/4	183,150
1/2	14,905	1/2	33,696	1/2	52,337	1/2	71,000	1/2	89,760	1/2	108,519	1/2	127,256	1/2	146,021	1/2	164,787	1/2	183,541
3/4	15,297	3/4	34,087	3/4	52,723	3/4	71,391	3/4	90,150	3/4	108,910	3/4	127,647	3/4	146,412	3/4	165,178	3/4	183,932

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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# BARGE "CBC 1707"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	183,363	0	199,789	0	216,208	0	229,592	0		0		0		0		0		0	
1/4	183,706	1/4	200,131	1/4	216,550	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	184,049	1/2	200,473	1/2	216,892	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	184,392	3/4	200,815	3/4	217,235	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	184,734	1	201,157	1	217,577	1		1	1	1	1	1	1	1	1	1	1	1	1
1/4	185,077	1/4	201,499	1/4	217,919	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	185,420	1/2	201,842	1/2	218,261	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	185,763	3/4	202,184	3/4	218,603	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	186,106	2	202,526	2	218,945	2		2	2	2	2	2	2	2	2	2	2	2	2
1/4	186,448	1/4	202,868	1/4	219,287	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	186,791	1/2	203,210	1/2	219,629	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	187,133	3/4	203,552	3/4	219,971	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	187,475	3	203,894	3	220,313	3		3	3	3	3	3	3	3	3	3	3	3	3
1/4	187,817	1/4	204,236	1/4	220,655	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	188,159	1/2	204,578	1/2	220,997	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	188,501	3/4	204,920	3/4	221,339	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	188,843	4	205,262	4	221,681	4		4	4	4	4	4	4	4	4	4	4	4	4
1/4	189,185	1/4	205,604	1/4	222,023	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	189,527	1/2	205,946	1/2	222,366	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	189,869	3/4	206,288	3/4	222,708	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	190,211	5	206,630	5	223,050	5		5	5	5	5	5	5	5	5	5	5	5	5
1/4	190,553	1/4	206,973	1/4	223,392	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	190,895	1/2	207,315	1/2	223,734	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	191,237	3/4	207,657	3/4	224,075	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	191,579	6	207,999	6	224,417	6		6	6	6	6	6	6	6	6	6	6	6	6
1/4	191,922	1/4	208,341	1/4	224,748	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	192,264	1/2	208,683	1/2	225,078	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	192,606	3/4	209,025	3/4	225,408	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	192,948	7	209,367	7	225,739	7		7	7	7	7	7	7	7	7	7	7	7	7
1/4	193,290	1/4	209,709	1/4	226,062	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	193,632	1/2	210,051	1/2	226,385	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	193,974	3/4	210,393	3/4	226,708	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	194,316	8	210,735	8	227,031	8		8	8	8	8	8	8	8	8	8	8	8	8
1/4	194,658	1/4	211,077	1/4	227,289	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	195,000	1/2	211,419	1/2	227,547	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	195,342	3/4	211,761	3/4	227,805	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	195,684	9	212,104	9	228,063	9		9	9	9	9	9	9	9	9	9	9	9	9
1/4	196,026	1/4	212,446	1/4	228,256	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	196,368	1/2	212,788	1/2	228,448	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	196,710	3/4	213,130	3/4	228,641	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	197,053	10	213,472	10	228,834	10		10	10	10	10	10	10	10	10	10	10	10	10
1/4	197,395	1/4	213,814	1/4	228,961	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	197,737	1/2	214,156	1/2	229,089	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	198,079	3/4	214,498	3/4	229,216	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	198,421	11	214,840	11	229,343	11		11	11	11	11	11	11	11	11	11	11	11	11
1/4	198,763	1/4	215,182	1/4	229,406	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	199,105	1/2	215,524	1/2	229,468	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	199,447	3/4	215,866	3/4	229,530	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: 01/30/2020 JS  
CALCULATED: 01/30/2020 CL  
PRINTED: 01/31/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "CBC 1707"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 1/4"

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	750	0	10,963	0	21,455	0	31,915	0	42,405	0	52,897	0	63,390	0	73,883	0	84,375	0	94,867
1/4	866	1/4	11,181	1/4	21,674	1/4	32,133	1/4	42,623	1/4	53,116	1/4	63,608	1/4	74,101	1/4	84,594	1/4	95,085
1/2	1,023	1/2	11,400	1/2	21,892	1/2	32,351	1/2	42,842	1/2	53,334	1/2	63,827	1/2	74,320	1/2	84,812	1/2	95,304
3/4	1,214	3/4	11,619	3/4	22,111	3/4	32,569	3/4	43,060	3/4	53,553	3/4	64,046	3/4	74,538	3/4	85,031	3/4	95,522
1	1,405	1	11,837	1	22,329	1	32,787	1	43,279	1	53,772	1	64,264	1	74,757	1	85,250	1	95,741
1/4	1,597	1/4	12,056	1/4	22,548	1/4	33,005	1/4	43,498	1/4	53,990	1/4	64,483	1/4	74,976	1/4	85,468	1/4	95,959
1/2	1,788	1/2	12,274	1/2	22,766	1/2	33,224	1/2	43,716	1/2	54,209	1/2	64,701	1/2	75,194	1/2	85,687	1/2	96,178
3/4	2,005	3/4	12,493	3/4	22,985	3/4	33,442	3/4	43,935	3/4	54,427	3/4	64,920	3/4	75,413	3/4	85,905	3/4	96,396
2	2,223	2	12,711	2	23,204	2	33,661	2	44,153	2	54,646	2	65,139	2	75,631	2	86,124	2	96,615
1/4	2,440	1/4	12,930	1/4	23,422	1/4	33,879	1/4	44,372	1/4	54,865	1/4	65,357	1/4	75,850	1/4	86,343	1/4	96,833
1/2	2,658	1/2	13,149	1/2	23,641	1/2	34,098	1/2	44,591	1/2	55,083	1/2	65,576	1/2	76,068	1/2	86,561	1/2	97,052
3/4	2,876	3/4	13,367	3/4	23,859	3/4	34,317	3/4	44,809	3/4	55,302	3/4	65,794	3/4	76,287	3/4	86,780	3/4	97,270
3	3,094	3	13,586	3	24,078	3	34,535	3	45,028	3	55,520	3	66,013	3	76,506	3	86,998	3	97,489
1/4	3,313	1/4	13,804	1/4	24,297	1/4	34,754	1/4	45,246	1/4	55,739	1/4	66,232	1/4	76,724	1/4	87,217	1/4	97,707
1/2	3,531	1/2	14,023	1/2	24,515	1/2	34,972	1/2	45,465	1/2	55,958	1/2	66,450	1/2	76,943	1/2	87,436	1/2	97,926
3/4	3,749	3/4	14,242	3/4	24,733	3/4	35,191	3/4	45,684	3/4	56,176	3/4	66,669	3/4	77,161	3/4	87,654	3/4	98,144
4	3,968	4	14,460	4	24,950	4	35,410	4	45,902	4	56,395	4	66,887	4	77,380	4	87,873	4	98,363
1/4	4,187	1/4	14,679	1/4	25,168	1/4	35,628	1/4	46,121	1/4	56,613	1/4	67,106	1/4	77,599	1/4	88,091	1/4	98,581
1/2	4,405	1/2	14,897	1/2	25,386	1/2	35,847	1/2	46,339	1/2	56,832	1/2	67,325	1/2	77,817	1/2	88,310	1/2	98,800
3/4	4,624	3/4	15,116	3/4	25,603	3/4	36,065	3/4	46,558	3/4	57,051	3/4	67,543	3/4	78,036	3/4	88,528	3/4	99,018
5	4,842	5	15,334	5	25,821	5	36,284	5	46,777	5	57,269	5	67,762	5	78,254	5	88,747	5	99,237
1/4	5,061	1/4	15,553	1/4	26,038	1/4	36,503	1/4	46,995	1/4	57,488	1/4	67,980	1/4	78,473	1/4	88,966	1/4	99,455
1/2	5,279	1/2	15,772	1/2	26,256	1/2	36,721	1/2	47,214	1/2	57,706	1/2	68,199	1/2	78,692	1/2	89,184	1/2	99,674
3/4	5,498	3/4	15,990	3/4	26,474	3/4	36,940	3/4	47,432	3/4	57,925	3/4	68,418	3/4	78,910	3/4	89,403	3/4	99,892
6	5,717	6	16,209	6	26,691	6	37,158	6	47,651	6	58,144	6	68,636	6	79,129	6	89,621	6	100,111
1/4	5,935	1/4	16,427	1/4	26,909	1/4	37,377	1/4	47,870	1/4	58,362	1/4	68,855	1/4	79,347	1/4	89,840	1/4	100,329
1/2	6,154	1/2	16,646	1/2	27,126	1/2	37,596	1/2	48,088	1/2	58,581	1/2	69,073	1/2	79,566	1/2	90,059	1/2	100,548
3/4	6,372	3/4	16,865	3/4	27,344	3/4	37,814	3/4	48,307	3/4	58,799	3/4	69,292	3/4	79,785	3/4	90,277	3/4	100,766
7	6,591	7	17,083	7	27,561	7	38,033	7	48,525	7	59,018	7	69,511	7	80,003	7	90,496	7	100,985
1/4	6,810	1/4	17,302	1/4	27,779	1/4	38,251	1/4	48,744	1/4	59,237	1/4	69,729	1/4	80,222	1/4	90,714	1/4	101,203
1/2	7,028	1/2	17,520	1/2	27,997	1/2	38,470	1/2	48,963	1/2	59,455	1/2	69,948	1/2	80,440	1/2	90,933	1/2	101,422
3/4	7,247	3/4	17,739	3/4	28,214	3/4	38,688	3/4	49,181	3/4	59,674	3/4	70,166	3/4	80,659	3/4	91,152	3/4	101,640
8	7,465	8	17,958	8	28,432	8	38,907	8	49,400	8	59,892	8	70,385	8	80,878	8	91,370	8	101,859
1/4	7,684	1/4	18,176	1/4	28,649	1/4	39,126	1/4	49,618	1/4	60,111	1/4	70,604	1/4	81,096	1/4	91,589	1/4	102,077
1/2	7,903	1/2	18,395	1/2	28,867	1/2	39,344	1/2	49,837	1/2	60,330	1/2	70,822	1/2	81,315	1/2	91,807	1/2	102,296
3/4	8,121	3/4	18,613	3/4	29,085	3/4	39,563	3/4	50,056	3/4	60,548	3/4	71,041	3/4	81,533	3/4	92,026	3/4	102,514
9	8,340	9	18,832	9	29,302	9	39,781	9	50,274	9	60,767	9	71,259	9	81,752	9	92,245	9	102,732
1/4	8,558	1/4	19,050	1/4	29,520	1/4	40,000	1/4	50,493	1/4	60,985	1/4	71,478	1/4	81,971	1/4	92,463	1/4	102,951
1/2	8,777	1/2	19,269	1/2	29,737	1/2	40,219	1/2	50,711	1/2	61,204	1/2	71,697	1/2	82,189	1/2	92,682	1/2	103,169
3/4	8,995	3/4	19,488	3/4	29,955	3/4	40,437	3/4	50,930	3/4	61,423	3/4	71,915	3/4	82,408	3/4	92,900	3/4	103,388
10	9,214	10	19,706	10	30,173	10	40,656	10	51,148	10	61,641	10	72,134	10	82,626	10	93,119	10	103,606
1/4	9,433	1/4	19,925	1/4	30,390	1/4	40,874	1/4	51,367	1/4	61,860	1/4	72,352	1/4	82,845	1/4	93,337	1/4	103,825
1/2	9,651	1/2	20,143	1/2	30,608	1/2	41,093	1/2	51,586	1/2	62,078	1/2	72,571	1/2	83,064	1/2	93,556	1/2	104,043
3/4	9,870	3/4	20,362	3/4	30,825	3/4	41,312	3/4	51,804	3/4	62,297	3/4	72,790	3/4	83,282	3/4	93,774	3/4	104,262
11	10,088	11	20,581	11	31,043	11	41,530	11	52,023	11	62,516	11	73,008	11	83,501	11	93,993	11	104,480
1/4	10,307	1/4	20,799	1/4	31,261	1/4	41,749	1/4	52,241	1/4	62,734	1/4	73,227	1/4	83,719	1/4	94,211	1/4	104,699
1/2	10,526	1/2	21,018	1/2	31,478	1/2	41,967	1/2	52,460	1/2	62,953	1/2	73,445	1/2	83,938	1/2	94,430	1/2	104,917
3/4	10,744	3/4	21,236	3/4	31,696	3/4	42,186	3/4	52,679	3/4	63,171	3/4	73,664	3/4	84,157	3/4	94,648	3/4	105,136

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P. O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 1707"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 1/4"

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	105,354	0	115,826	0	126,285	0		0		0		0		0		0		0	
1/4	105,573	1/4	116,044	1/4	126,503	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	105,791	1/2	116,262	1/2	126,720	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,010	3/4	116,480	3/4	126,938	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	106,228	1	116,698	1	127,156	1		1		1		1		1		1		1	
1/4	106,447	1/4	116,916	1/4	127,374	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,665	1/2	117,134	1/2	127,592	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,884	3/4	117,351	3/4	127,810	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	107,102	2	117,569	2	128,028	2		2		2		2		2		2		2	
1/4	107,321	1/4	117,787	1/4	128,246	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,539	1/2	118,005	1/2	128,464	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,758	3/4	118,223	3/4	128,681	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	107,976	3	118,441	3	128,899	3		3		3		3		3		3		3	
1/4	108,195	1/4	118,659	1/4	129,117	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,413	1/2	118,877	1/2	129,335	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,632	3/4	119,095	3/4	129,546	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	108,850	4	119,312	4	129,757	4		4		4		4		4		4		4	
1/4	109,069	1/4	119,530	1/4	129,969	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,287	1/2	119,748	1/2	130,180	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,506	3/4	119,966	3/4	130,360	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	109,724	5	120,184	5	130,540	5		5		5		5		5		5		5	
1/4	109,943	1/4	120,402	1/4	130,719	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,161	1/2	120,620	1/2	130,899	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,379	3/4	120,838	3/4	131,042	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	110,597	6	121,055	6	131,186	6		6		6		6		6		6		6	
1/4	110,815	1/4	121,273	1/4	131,329	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,033	1/2	121,491	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,251	3/4	121,709	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	111,469	7	121,927	7		7		7		7		7		7		7		7	
1/4	111,686	1/4	122,145	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,904	1/2	122,363	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,122	3/4	122,581	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	112,340	8	122,799	8		8		8		8		8		8		8		8	
1/4	112,558	1/4	123,016	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,776	1/2	123,234	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,994	3/4	123,452	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	113,212	9	123,670	9		9		9		9		9		9		9		9	
1/4	113,430	1/4	123,888	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,647	1/2	124,106	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,865	3/4	124,324	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	114,083	10	124,542	10		10		10		10		10		10		10		10	
1/4	114,301	1/4	124,760	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,519	1/2	124,977	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,737	3/4	125,195	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	114,955	11	125,413	11		11		11		11		11		11		11		11	
1/4	115,173	1/4	125,631	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,390	1/2	125,849	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,608	3/4	126,067	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: 01/30/2020 JS  
CALCULATED: 01/30/2020 CL  
PRINTED: 01/31/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1707"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06"

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	10,985	0	21,498	0	31,725	0	42,191	0	52,705	0	63,219	0	73,733	0	84,246	0	94,759
1/4	888	1/4	11,204	1/4	21,717	1/4	31,936	1/4	42,410	1/4	52,924	1/4	63,438	1/4	73,952	1/4	84,465	1/4	94,978
1/2	1,025	1/2	11,423	1/2	21,936	1/2	32,147	1/2	42,629	1/2	53,143	1/2	63,657	1/2	74,171	1/2	84,684	1/2	95,197
3/4	1,217	3/4	11,642	3/4	22,155	3/4	32,358	3/4	42,848	3/4	53,362	3/4	63,876	3/4	74,390	3/4	84,903	3/4	95,416
1	1,408	1	11,861	1	22,374	1	32,570	1	43,068	1	53,581	1	64,095	1	74,609	1	85,122	1	95,635
1/4	1,600	1/4	12,080	1/4	22,593	1/4	32,781	1/4	43,287	1/4	53,800	1/4	64,314	1/4	74,828	1/4	85,341	1/4	95,854
1/2	1,791	1/2	12,299	1/2	22,812	1/2	32,992	1/2	43,506	1/2	54,019	1/2	64,533	1/2	75,047	1/2	85,560	1/2	96,073
3/4	2,009	3/4	12,518	3/4	23,031	3/4	33,211	3/4	43,725	3/4	54,238	3/4	64,752	3/4	75,266	3/4	85,780	3/4	96,291
2	2,227	2	12,737	2	23,250	2	33,430	2	43,944	2	54,457	2	64,971	2	75,485	2	85,999	2	96,510
1/4	2,445	1/4	12,956	1/4	23,469	1/4	33,649	1/4	44,163	1/4	54,676	1/4	65,190	1/4	75,704	1/4	86,218	1/4	96,729
1/2	2,663	1/2	13,175	1/2	23,688	1/2	33,868	1/2	44,382	1/2	54,895	1/2	65,409	1/2	75,923	1/2	86,437	1/2	96,948
3/4	2,882	3/4	13,394	3/4	23,907	3/4	34,087	3/4	44,601	3/4	55,114	3/4	65,628	3/4	76,142	3/4	86,656	3/4	97,167
3	3,101	3	13,613	3	24,126	3	34,306	3	44,820	3	55,334	3	65,847	3	76,361	3	86,875	3	97,386
1/4	3,319	1/4	13,832	1/4	24,345	1/4	34,525	1/4	45,039	1/4	55,553	1/4	66,066	1/4	76,580	1/4	87,094	1/4	97,605
1/2	3,538	1/2	14,051	1/2	24,564	1/2	34,744	1/2	45,258	1/2	55,772	1/2	66,285	1/2	76,799	1/2	87,313	1/2	97,824
3/4	3,757	3/4	14,270	3/4	24,775	3/4	34,963	3/4	45,477	3/4	55,991	3/4	66,504	3/4	77,018	3/4	87,532	3/4	98,043
4	3,976	4	14,489	4	24,986	4	35,182	4	45,696	4	56,210	4	66,723	4	77,237	4	87,751	4	98,262
1/4	4,195	1/4	14,708	1/4	25,196	1/4	35,401	1/4	45,915	1/4	56,429	1/4	66,942	1/4	77,456	1/4	87,970	1/4	98,481
1/2	4,414	1/2	14,927	1/2	25,407	1/2	35,620	1/2	46,134	1/2	56,648	1/2	67,161	1/2	77,675	1/2	88,189	1/2	98,700
3/4	4,633	3/4	15,146	3/4	25,617	3/4	35,839	3/4	46,353	3/4	56,867	3/4	67,381	3/4	77,894	3/4	88,408	3/4	98,919
5	4,852	5	15,365	5	25,828	5	36,058	5	46,572	5	57,086	5	67,600	5	78,113	5	88,627	5	99,138
1/4	5,071	1/4	15,584	1/4	26,038	1/4	36,277	1/4	46,791	1/4	57,305	1/4	67,819	1/4	78,332	1/4	88,846	1/4	99,357
1/2	5,290	1/2	15,803	1/2	26,249	1/2	36,496	1/2	47,010	1/2	57,524	1/2	68,038	1/2	78,551	1/2	89,065	1/2	99,575
3/4	5,509	3/4	16,022	3/4	26,460	3/4	36,715	3/4	47,229	3/4	57,743	3/4	68,257	3/4	78,770	3/4	89,284	3/4	99,794
6	5,728	6	16,241	6	26,670	6	36,935	6	47,448	6	57,962	6	68,476	6	78,989	6	89,503	6	100,013
1/4	5,947	1/4	16,460	1/4	26,881	1/4	37,154	1/4	47,667	1/4	58,181	1/4	68,695	1/4	79,208	1/4	89,722	1/4	100,232
1/2	6,166	1/2	16,680	1/2	27,091	1/2	37,373	1/2	47,886	1/2	58,400	1/2	68,914	1/2	79,427	1/2	89,941	1/2	100,451
3/4	6,385	3/4	16,899	3/4	27,302	3/4	37,592	3/4	48,105	3/4	58,619	3/4	69,133	3/4	79,647	3/4	90,160	3/4	100,670
7	6,604	7	17,118	7	27,512	7	37,811	7	48,324	7	58,838	7	69,352	7	79,866	7	90,379	7	100,889
1/4	6,823	1/4	17,337	1/4	27,723	1/4	38,030	1/4	48,543	1/4	59,057	1/4	69,571	1/4	80,085	1/4	90,598	1/4	101,108
1/2	7,042	1/2	17,556	1/2	27,934	1/2	38,249	1/2	48,762	1/2	59,276	1/2	69,790	1/2	80,304	1/2	90,817	1/2	101,327
3/4	7,261	3/4	17,775	3/4	28,144	3/4	38,468	3/4	48,981	3/4	59,495	3/4	70,009	3/4	80,523	3/4	91,036	3/4	101,546
8	7,480	8	17,994	8	28,355	8	38,687	8	49,201	8	59,714	8	70,228	8	80,742	8	91,255	8	101,765
1/4	7,699	1/4	18,213	1/4	28,565	1/4	38,906	1/4	49,420	1/4	59,933	1/4	70,447	1/4	80,961	1/4	91,474	1/4	101,984
1/2	7,918	1/2	18,432	1/2	28,776	1/2	39,125	1/2	49,639	1/2	60,152	1/2	70,666	1/2	81,180	1/2	91,693	1/2	102,203
3/4	8,137	3/4	18,651	3/4	28,986	3/4	39,344	3/4	49,858	3/4	60,371	3/4	70,885	3/4	81,399	3/4	91,913	3/4	102,422
9	8,356	9	18,870	9	29,197	9	39,563	9	50,077	9	60,590	9	71,104	9	81,618	9	92,132	9	102,641
1/4	8,576	1/4	19,089	1/4	29,408	1/4	39,782	1/4	50,296	1/4	60,809	1/4	71,323	1/4	81,837	1/4	92,351	1/4	102,859
1/2	8,795	1/2	19,308	1/2	29,618	1/2	40,001	1/2	50,515	1/2	61,028	1/2	71,542	1/2	82,056	1/2	92,570	1/2	103,078
3/4	9,014	3/4	19,527	3/4	29,829	3/4	40,220	3/4	50,734	3/4	61,248	3/4	71,761	3/4	82,275	3/4	92,789	3/4	103,297
10	9,233	10	19,746	10	30,039	10	40,439	10	50,953	10	61,467	10	71,980	10	82,494	10	93,008	10	103,516
1/4	9,452	1/4	19,965	1/4	30,250	1/4	40,658	1/4	51,172	1/4	61,686	1/4	72,199	1/4	82,713	1/4	93,226	1/4	103,735
1/2	9,671	1/2	20,184	1/2	30,460	1/2	40,877	1/2	51,391	1/2	61,905	1/2	72,418	1/2	82,932	1/2	93,445	1/2	103,954
3/4	9,890	3/4	20,403	3/4	30,671	3/4	41,096	3/4	51,610	3/4	62,124	3/4	72,637	3/4	83,151	3/4	93,664	3/4	104,173
11	10,109	11	20,622	11	30,882	11	41,315	11	51,829	11	62,343	11	72,856	11	83,370	11	93,883	11	104,392
1/4	10,328	1/4	20,841	1/4	31,092	1/4	41,534	1/4	52,048	1/4	62,562	1/4	73,075	1/4	83,589	1/4	94,102	1/4	104,611
1/2	10,547	1/2	21,060	1/2	31,303	1/2	41,753	1/2	52,267	1/2	62,781	1/2	73,294	1/2	83,808	1/2	94,321	1/2	104,830
3/4	10,766	3/4	21,279	3/4	31,514	3/4	41,972	3/4	52,486	3/4	63,000	3/4	73,514	3/4	84,027	3/4	94,540	3/4	105,049

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 1707"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06"

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	105,268	0	115,761	0	126,240	0		0		0		0		0		0		0	
1/4	105,487	1/4	115,979	1/4	126,458	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	105,706	1/2	116,197	1/2	126,677	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105,924	3/4	116,416	3/4	126,895	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	106,143	1	116,634	1	127,113	1		1		1		1		1		1		1	
1/4	106,362	1/4	116,852	1/4	127,332	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,581	1/2	117,071	1/2	127,550	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,800	3/4	117,289	3/4	127,768	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	107,019	2	117,507	2	127,987	2		2		2		2		2		2		2	
1/4	107,238	1/4	117,725	1/4	128,205	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,457	1/2	117,944	1/2	128,423	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,676	3/4	118,162	3/4	128,642	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	107,895	3	118,380	3	128,860	3		3		3		3		3		3		3	
1/4	108,114	1/4	118,599	1/4	129,078	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,333	1/2	118,817	1/2	129,296	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,552	3/4	119,035	3/4	129,508	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	108,771	4	119,254	4	129,720	4		4		4		4		4		4		4	
1/4	108,990	1/4	119,472	1/4	129,932	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,208	1/2	119,690	1/2	130,143	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,427	3/4	119,909	3/4	130,323	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	109,646	5	120,127	5	130,503	5		5		5		5		5		5		5	
1/4	109,865	1/4	120,345	1/4	130,684	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,084	1/2	120,564	1/2	130,864	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,303	3/4	120,782	3/4	131,007	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	110,521	6	121,000	6	131,151	6		6		6		6		6		6		6	
1/4	110,739	1/4	121,219	1/4	131,294	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,957	1/2	121,437	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,176	3/4	121,655	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	111,394	7	121,874	7		7		7		7		7		7		7		7	
1/4	111,612	1/4	122,092	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,831	1/2	122,310	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,049	3/4	122,529	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	112,267	8	122,747	8		8		8		8		8		8		8		8	
1/4	112,486	1/4	122,965	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,704	1/2	123,184	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,922	3/4	123,402	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	113,141	9	123,620	9		9		9		9		9		9		9		9	
1/4	113,359	1/4	123,839	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,577	1/2	124,057	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,796	3/4	124,275	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	114,014	10	124,493	10		10		10		10		10		10		10		10	
1/4	114,232	1/4	124,712	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,451	1/2	124,930	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,669	3/4	125,148	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	114,887	11	125,367	11		11		11		11		11		11		11		11	
1/4	115,106	1/4	125,585	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,324	1/2	125,803	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,542	3/4	126,022	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: 01/30/2020 JS  
CALCULATED: 01/30/2020 CL  
PRINTED: 01/31/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "CBC 1707"

## 3 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	15,613	0	34,313	0	52,994	0	71,685	0	90,386	0	109,087	0	127,788	0	146,488	0	165,187
1/4	88	1/4	16,002	1/4	34,703	1/4	53,383	1/4	72,075	1/4	90,776	1/4	109,477	1/4	128,177	1/4	146,877	1/4	165,577
1/2	137	1/2	16,392	1/2	35,092	1/2	53,772	1/2	72,465	1/2	91,165	1/2	109,866	1/2	128,567	1/2	147,267	1/2	165,966
3/4	185	3/4	16,781	3/4	35,482	3/4	54,161	3/4	72,854	3/4	91,555	3/4	110,256	3/4	128,956	3/4	147,656	3/4	166,356
1	234	1	17,171	1	35,871	1	54,549	1	73,244	1	91,945	1	110,645	1	129,346	1	148,046	1	166,745
1/4	380	1/4	17,561	1/4	36,261	1/4	54,938	1/4	73,633	1/4	92,334	1/4	111,035	1/4	129,736	1/4	148,435	1/4	167,134
1/2	526	1/2	17,950	1/2	36,651	1/2	55,327	1/2	74,023	1/2	92,724	1/2	111,425	1/2	130,125	1/2	148,825	1/2	167,524
3/4	672	3/4	18,340	3/4	37,040	3/4	55,716	3/4	74,413	3/4	93,113	3/4	111,814	3/4	130,515	3/4	149,215	3/4	167,913
2	818	2	18,729	2	37,430	2	56,104	2	74,802	2	93,503	2	112,204	2	130,904	2	149,604	2	168,303
1/4	1,062	1/4	19,119	1/4	37,819	1/4	56,494	1/4	75,192	1/4	93,893	1/4	112,593	1/4	131,294	1/4	149,994	1/4	168,692
1/2	1,305	1/2	19,509	1/2	38,209	1/2	56,883	1/2	75,581	1/2	94,282	1/2	112,983	1/2	131,684	1/2	150,383	1/2	169,081
3/4	1,549	3/4	19,898	3/4	38,598	3/4	57,272	3/4	75,971	3/4	94,672	3/4	113,373	3/4	132,073	3/4	150,773	3/4	169,471
3	1,792	3	20,288	3	38,988	3	57,661	3	76,361	3	95,061	3	113,762	3	132,463	3	151,163	3	169,860
1/4	2,133	1/4	20,677	1/4	39,378	1/4	58,051	1/4	76,750	1/4	95,451	1/4	114,152	1/4	132,852	1/4	151,552	1/4	170,250
1/2	2,474	1/2	21,067	1/2	39,767	1/2	58,440	1/2	77,140	1/2	95,841	1/2	114,541	1/2	133,242	1/2	151,942	1/2	170,639
3/4	2,815	3/4	21,456	3/4	40,157	3/4	58,829	3/4	77,529	3/4	96,230	3/4	114,931	3/4	133,631	3/4	152,331	3/4	171,028
4	3,156	4	21,846	4	40,546	4	59,218	4	77,919	4	96,620	4	115,321	4	134,021	4	152,721	4	171,418
1/4	3,543	1/4	22,236	1/4	40,936	1/4	59,608	1/4	78,309	1/4	97,009	1/4	115,710	1/4	134,411	1/4	153,110	1/4	171,807
1/2	3,931	1/2	22,625	1/2	41,326	1/2	59,997	1/2	78,698	1/2	97,399	1/2	116,100	1/2	134,800	1/2	153,500	1/2	172,197
3/4	4,319	3/4	23,015	3/4	41,715	3/4	60,387	3/4	79,088	3/4	97,789	3/4	116,489	3/4	135,190	3/4	153,890	3/4	172,586
5	4,707	5	23,404	5	42,105	5	60,777	5	79,477	5	98,178	5	116,879	5	135,579	5	154,279	5	172,975
1/4	5,096	1/4	23,794	1/4	42,494	1/4	61,166	1/4	79,867	1/4	98,568	1/4	117,269	1/4	135,969	1/4	154,669	1/4	173,365
1/2	5,485	1/2	24,184	1/2	42,884	1/2	61,556	1/2	80,257	1/2	98,957	1/2	117,658	1/2	136,358	1/2	155,058	1/2	173,754
3/4	5,874	3/4	24,573	3/4	43,274	3/4	61,945	3/4	80,646	3/4	99,347	3/4	118,048	3/4	136,748	3/4	155,448	3/4	174,144
6	6,263	6	24,963	6	43,663	6	62,335	6	81,036	6	99,737	6	118,437	6	137,138	6	155,837	6	174,533
1/4	6,652	1/4	25,352	1/4	44,052	1/4	62,725	1/4	81,425	1/4	100,126	1/4	118,827	1/4	137,527	1/4	156,227	1/4	174,922
1/2	7,042	1/2	25,742	1/2	44,441	1/2	63,114	1/2	81,815	1/2	100,516	1/2	119,217	1/2	137,917	1/2	156,617	1/2	175,312
3/4	7,431	3/4	26,132	3/4	44,830	3/4	63,504	3/4	82,205	3/4	100,905	3/4	119,606	3/4	138,306	3/4	157,006	3/4	175,701
7	7,821	7	26,521	7	45,218	7	63,893	7	82,594	7	101,295	7	119,996	7	138,696	7	157,396	7	176,091
1/4	8,210	1/4	26,911	1/4	45,607	1/4	64,283	1/4	82,984	1/4	101,685	1/4	120,385	1/4	139,086	1/4	157,785	1/4	176,480
1/2	8,600	1/2	27,300	1/2	45,996	1/2	64,673	1/2	83,373	1/2	102,074	1/2	120,775	1/2	139,475	1/2	158,175	1/2	176,869
3/4	8,990	3/4	27,690	3/4	46,385	3/4	65,062	3/4	83,763	3/4	102,464	3/4	121,165	3/4	139,865	3/4	158,565	3/4	177,259
8	9,379	8	28,080	8	46,773	8	65,452	8	84,153	8	102,853	8	121,554	8	140,254	8	158,954	8	177,648
1/4	9,769	1/4	28,469	1/4	47,162	1/4	65,841	1/4	84,542	1/4	103,243	1/4	121,944	1/4	140,644	1/4	159,344	1/4	178,038
1/2	10,158	1/2	28,859	1/2	47,551	1/2	66,231	1/2	84,932	1/2	103,633	1/2	122,333	1/2	141,033	1/2	159,733	1/2	178,427
3/4	10,548	3/4	29,248	3/4	47,940	3/4	66,621	3/4	85,321	3/4	104,022	3/4	122,723	3/4	141,423	3/4	160,123	3/4	178,816
9	10,938	9	29,638	9	48,329	9	67,010	9	85,711	9	104,412	9	123,113	9	141,813	9	160,512	9	179,206
1/4	11,327	1/4	30,027	1/4	48,717	1/4	67,400	1/4	86,101	1/4	104,801	1/4	123,502	1/4	142,202	1/4	160,902	1/4	179,595
1/2	11,717	1/2	30,417	1/2	49,106	1/2	67,789	1/2	86,490	1/2	105,191	1/2	123,892	1/2	142,592	1/2	161,292	1/2	179,985
3/4	12,106	3/4	30,807	3/4	49,495	3/4	68,179	3/4	86,880	3/4	105,581	3/4	124,281	3/4	142,981	3/4	161,681	3/4	180,374
10	12,496	10	31,196	10	49,884	10	68,569	10	87,269	10	105,970	10	124,671	10	143,371	10	162,071	10	180,763
1/4	12,885	1/4	31,586	1/4	50,273	1/4	68,958	1/4	87,659	1/4	106,360	1/4	125,061	1/4	143,761	1/4	162,460	1/4	181,153
1/2	13,275	1/2	31,975	1/2	50,661	1/2	69,348	1/2	88,049	1/2	106,749	1/2	125,450	1/2	144,150	1/2	162,850	1/2	181,542
3/4	13,665	3/4	32,365	3/4	51,050	3/4	69,737	3/4	88,438	3/4	107,139	3/4	125,840	3/4	144,540	3/4	163,240	3/4	181,932
11	14,054	11	32,755	11	51,439	11	70,127	11	88,828	11	107,529	11	126,229	11	144,929	11	163,629	11	182,321
1/4	14,444	1/4	33,144	1/4	51,828	1/4	70,517	1/4	89,217	1/4	107,918	1/4	126,619	1/4	145,319	1/4	164,019	1/4	182,710
1/2	14,833	1/2	33,534	1/2	52,217	1/2	70,906	1/2	89,607	1/2	108,308	1/2	127,009	1/2	145,708	1/2	164,408	1/2	183,100
3/4	15,223	3/4	33,923	3/4	52,605	3/4	71,296	3/4	89,997	3/4	108,697	3/4	127,398	3/4	146,098	3/4	164,798	3/4	183,489

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 29'-00" FORWARD OF AFT BULKHEAD.

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 1707"

## 3 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	183,879	0	202,561	0	221,227	0	235,961	0		0		0		0		0		0	
1/4	184,268	1/4	202,950	1/4	221,615	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	184,657	1/2	203,339	1/2	222,004	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	185,047	3/4	203,728	3/4	222,393	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	185,436	1	204,117	1	222,782	1		1		1		1		1		1		1	
1/4	185,826	1/4	204,505	1/4	223,171	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	186,215	1/2	204,894	1/2	223,560	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	186,604	3/4	205,283	3/4	223,949	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	186,994	2	205,672	2	224,337	2		2		2		2		2		2		2	
1/4	187,383	1/4	206,061	1/4	224,726	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	187,772	1/2	206,450	1/2	225,115	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	188,162	3/4	206,839	3/4	225,504	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	188,551	3	207,227	3	225,893	3		3		3		3		3		3		3	
1/4	188,941	1/4	207,616	1/4	226,282	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	189,330	1/2	208,005	1/2	226,671	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	189,719	3/4	208,394	3/4	227,060	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	190,109	4	208,783	4	227,448	4		4		4		4		4		4		4	
1/4	190,498	1/4	209,172	1/4	227,837	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	190,888	1/2	209,561	1/2	228,226	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	191,277	3/4	209,950	3/4	228,615	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	191,666	5	210,338	5	229,004	5		5		5		5		5		5		5	
1/4	192,056	1/4	210,727	1/4	229,393	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	192,445	1/2	211,116	1/2	229,781	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	192,835	3/4	211,505	3/4	230,170	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	193,224	6	211,894	6	230,559	6		6		6		6		6		6		6	
1/4	193,613	1/4	212,283	1/4	230,939	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	194,003	1/2	212,672	1/2	231,319	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	194,392	3/4	213,060	3/4	231,700	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	194,782	7	213,449	7	232,080	7		7		7		7		7		7		7	
1/4	195,171	1/4	213,838	1/4	232,404	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	195,560	1/2	214,227	1/2	232,728	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	195,950	3/4	214,616	3/4	233,052	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	196,339	8	215,005	8	233,376	8		8		8		8		8		8		8	
1/4	196,728	1/4	215,394	1/4	233,635	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	197,117	1/2	215,782	1/2	233,894	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	197,506	3/4	216,171	3/4	234,153	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	197,895	9	216,560	9	234,411	9		9		9		9		9		9		9	
1/4	198,284	1/4	216,949	1/4	234,606	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	198,672	1/2	217,338	1/2	234,800	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	199,061	3/4	217,727	3/4	234,994	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	199,450	10	218,116	10	235,188	10		10		10		10		10		10		10	
1/4	199,839	1/4	218,505	1/4	235,317	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	200,228	1/2	218,893	1/2	235,446	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	200,617	3/4	219,282	3/4	235,575	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	201,006	11	219,671	11	235,704	11		11		11		11		11		11		11	
1/4	201,394	1/4	220,060	1/4	235,768	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	201,783	1/2	220,449	1/2	235,833	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	202,172	3/4	220,838	3/4	235,897	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2020 JS  
CALCULATED: 01/30/2020 CL  
PRINTED: 01/31/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 1707"

## 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"

January 30, 2020

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

<http://www.pmacorp.net>



# BARGE "CBC 1707"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/2"

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	216,892	0	200,473	0	184,048	0	166,350	0	147,585	0	128,819	0	110,081		
1/4	1/4	1/4	1/4	1/4	216,550	1/4	200,131	1/4	183,705	1/4	165,959	1/4	147,194	1/4	128,428	1/4	109,691		
1/2	1/2	1/2	1/2	229,592	216,208	1/2	199,789	1/2	183,362	1/2	165,568	1/2	146,803	1/2	128,037	1/2	109,301		
3/4	3/4	3/4	3/4	229,530	215,866	3/4	199,447	3/4	183,019	3/4	165,177	3/4	146,412	3/4	127,646	3/4	108,910		
1	1	1	1	229,468	215,524	1	199,105	1	182,676	1	164,786	1	146,021	1	127,256	1	108,519		
1/4	1/4	1/4	1/4	229,405	215,182	1/4	198,763	1/4	182,334	1/4	164,396	1/4	145,630	1/4	126,865	1/4	108,128		
1/2	1/2	1/2	1/2	229,343	214,840	1/2	198,421	1/2	181,991	1/2	164,005	1/2	145,239	1/2	126,474	1/2	107,738		
3/4	3/4	3/4	3/4	229,216	214,498	3/4	198,079	3/4	181,648	3/4	163,614	3/4	144,848	3/4	126,083	3/4	107,347		
2	2	2	2	229,088	214,156	2	197,737	2	181,305	2	163,223	2	144,457	2	125,692	2	106,956		
1/4	1/4	1/4	1/4	228,961	213,814	1/4	197,394	1/4	180,962	1/4	162,832	1/4	144,066	1/4	125,301	1/4	106,565		
1/2	1/2	1/2	1/2	228,834	213,472	1/2	197,052	1/2	180,619	1/2	162,441	1/2	143,675	1/2	124,910	1/2	106,174		
3/4	3/4	3/4	3/4	228,641	213,130	3/4	196,710	3/4	180,276	3/4	162,050	3/4	143,284	3/4	124,520	3/4	105,783		
3	3	3	3	228,448	212,788	3	196,368	3	179,933	3	161,659	3	142,893	3	124,129	3	105,393		
1/4	1/4	1/4	1/4	228,256	212,445	1/4	196,026	1/4	179,590	1/4	161,268	1/4	142,503	1/4	123,739	1/4	105,002		
1/2	1/2	1/2	1/2	228,063	212,103	1/2	195,684	1/2	179,247	1/2	160,877	1/2	142,112	1/2	123,349	1/2	104,611		
3/4	3/4	3/4	3/4	227,805	211,761	3/4	195,342	3/4	178,904	3/4	160,486	3/4	141,721	3/4	122,959	3/4	104,220		
4	4	4	4	227,547	211,419	4	195,000	4	178,561	4	160,095	4	141,330	4	122,568	4	103,829		
1/4	1/4	1/4	1/4	227,289	211,077	1/4	194,658	1/4	178,218	1/4	159,704	1/4	140,939	1/4	122,178	1/4	103,438		
1/2	1/2	1/2	1/2	227,031	210,735	1/2	194,316	1/2	177,875	1/2	159,313	1/2	140,548	1/2	121,788	1/2	103,048		
3/4	3/4	3/4	3/4	226,708	210,393	3/4	193,974	3/4	177,532	3/4	158,922	3/4	140,157	3/4	121,398	3/4	102,657		
5	5	5	5	226,385	210,051	5	193,632	5	177,189	5	158,531	5	139,766	5	121,008	5	102,266		
1/4	1/4	1/4	1/4	226,062	209,709	1/4	193,290	1/4	176,846	1/4	158,140	1/4	139,375	1/4	120,617	1/4	101,875		
1/2	1/2	1/2	1/2	225,739	209,367	1/2	192,948	1/2	176,503	1/2	157,750	1/2	138,984	1/2	120,227	1/2	101,484		
3/4	3/4	3/4	3/4	225,408	209,025	3/4	192,606	3/4	176,112	3/4	157,359	3/4	138,593	3/4	119,837	3/4	101,093		
6	6	6	6	225,078	208,683	6	192,263	6	175,722	6	156,968	6	138,202	6	119,447	6	100,703		
1/4	1/4	1/4	1/4	224,748	208,341	1/4	191,921	1/4	175,331	1/4	156,577	1/4	137,811	1/4	119,057	1/4	100,312		
1/2	1/2	1/2	1/2	224,417	207,999	1/2	191,579	1/2	174,941	1/2	156,186	1/2	137,420	1/2	118,666	1/2	99,921		
3/4	3/4	3/4	3/4	224,075	207,657	3/4	191,237	3/4	174,551	3/4	155,795	3/4	137,029	3/4	118,276	3/4	99,530		
7	7	7	7	223,733	207,314	7	190,895	7	174,160	7	155,404	7	136,638	7	117,886	7	99,139		
1/4	1/4	1/4	1/4	223,391	206,972	1/4	190,553	1/4	173,770	1/4	155,013	1/4	136,247	1/4	117,496	1/4	98,748		
1/2	1/2	1/2	1/2	223,050	206,630	1/2	190,211	1/2	173,379	1/2	154,622	1/2	135,856	1/2	117,105	1/2	98,358		
3/4	3/4	3/4	3/4	222,707	206,288	3/4	189,869	3/4	172,989	3/4	154,231	3/4	135,465	3/4	116,715	3/4	97,967		
8	8	8	8	222,365	205,946	8	189,527	8	172,598	8	153,840	8	135,075	8	116,325	8	97,576		
1/4	1/4	1/4	1/4	222,023	205,604	1/4	189,185	1/4	172,208	1/4	153,449	1/4	134,684	1/4	115,935	1/4	97,185		
1/2	1/2	1/2	1/2	221,681	205,262	1/2	188,843	1/2	171,817	1/2	153,058	1/2	134,293	1/2	115,545	1/2	96,794		
3/4	3/4	3/4	3/4	221,339	204,920	3/4	188,501	3/4	171,427	3/4	152,667	3/4	133,902	3/4	115,154	3/4	96,404		
9	9	9	9	220,997	204,578	9	188,159	9	171,037	9	152,276	9	133,511	9	114,764	9	96,013		
1/4	1/4	1/4	1/4	220,655	204,236	1/4	187,817	1/4	170,646	1/4	151,885	1/4	133,120	1/4	114,374	1/4	95,622		
1/2	1/2	1/2	1/2	220,313	203,894	1/2	187,475	1/2	170,256	1/2	151,494	1/2	132,729	1/2	113,984	1/2	95,231		
3/4	3/4	3/4	3/4	219,971	203,552	3/4	187,132	3/4	169,865	3/4	151,103	3/4	132,338	3/4	113,594	3/4	94,840		
10	10	10	10	219,629	203,210	10	186,790	10	169,475	10	150,712	10	131,947	10	113,203	10	94,449		
1/4	1/4	1/4	1/4	219,287	202,868	1/4	186,448	1/4	169,084	1/4	150,321	1/4	131,556	1/4	112,813	1/4	94,059		
1/2	1/2	1/2	1/2	218,945	202,526	1/2	186,106	1/2	168,694	1/2	149,931	1/2	131,165	1/2	112,423	1/2	93,668		
3/4	3/4	3/4	3/4	218,603	202,183	3/4	185,763	3/4	168,303	3/4	149,540	3/4	130,774	3/4	112,033	3/4	93,277		
11	11	11	11	218,261	201,841	11	185,420	11	167,913	11	149,149	11	130,383	11	111,643	11	92,886		
1/4	1/4	1/4	1/4	217,919	201,499	1/4	185,077	1/4	167,522	1/4	148,758	1/4	129,992	1/4	111,252	1/4	92,495		
1/2	1/2	1/2	1/2	217,576	201,157	1/2	184,734	1/2	167,132	1/2	148,367	1/2	129,601	1/2	110,862	1/2	92,104		
3/4	3/4	3/4	3/4	217,234	200,815	3/4	184,391	3/4	166,741	3/4	147,976	3/4	129,210	3/4	110,472	3/4	91,714		

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.

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 1707"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	91,323	0	72,563	0	53,878	0	35,260	0	16,471	0	137	0		0		0		0	
1/4	90,932	1/4	72,172	1/4	53,493	1/4	34,869	1/4	16,080	1/4	88	1/4		1/4		1/4		1/4	
1/2	90,541	1/2	71,781	1/2	53,108	1/2	34,478	1/2	15,688	1/2	39	1/2		1/2		1/2		1/2	
3/4	90,150	3/4	71,391	3/4	52,722	3/4	34,087	3/4	15,297	3/4		3/4		3/4		3/4		3/4	
1	89,759	1	71,000	1	52,337	1	33,696	1	14,905	1		1		1		1		1	
1/4	89,369	1/4	70,609	1/4	51,952	1/4	33,305	1/4	14,514	1/4		1/4		1/4		1/4		1/4	
1/2	88,978	1/2	70,218	1/2	51,567	1/2	32,914	1/2	14,122	1/2		1/2		1/2		1/2		1/2	
3/4	88,587	3/4	69,827	3/4	51,181	3/4	32,522	3/4	13,731	3/4		3/4		3/4		3/4		3/4	
2	88,196	2	69,436	2	50,796	2	32,131	2	13,339	2		2		2		2		2	
1/4	87,805	1/4	69,046	1/4	50,411	1/4	31,739	1/4	12,948	1/4		1/4		1/4		1/4		1/4	
1/2	87,414	1/2	68,655	1/2	50,026	1/2	31,348	1/2	12,556	1/2		1/2		1/2		1/2		1/2	
3/4	87,024	3/4	68,264	3/4	49,641	3/4	30,956	3/4	12,165	3/4		3/4		3/4		3/4		3/4	
3	86,633	3	67,873	3	49,255	3	30,565	3	11,773	3		3		3		3		3	
1/4	86,242	1/4	67,482	1/4	48,870	1/4	30,173	1/4	11,382	1/4		1/4		1/4		1/4		1/4	
1/2	85,851	1/2	67,091	1/2	48,485	1/2	29,782	1/2	10,990	1/2		1/2		1/2		1/2		1/2	
3/4	85,460	3/4	66,701	3/4	48,100	3/4	29,390	3/4	10,599	3/4		3/4		3/4		3/4		3/4	
4	85,070	4	66,310	4	47,714	4	28,999	4	10,207	4		4		4		4		4	
1/4	84,679	1/4	65,919	1/4	47,329	1/4	28,607	1/4	9,816	1/4		1/4		1/4		1/4		1/4	
1/2	84,288	1/2	65,528	1/2	46,944	1/2	28,216	1/2	9,424	1/2		1/2		1/2		1/2		1/2	
3/4	83,897	3/4	65,137	3/4	46,559	3/4	27,825	3/4	9,033	3/4		3/4		3/4		3/4		3/4	
5	83,506	5	64,746	5	46,173	5	27,433	5	8,641	5		5		5		5		5	
1/4	83,115	1/4	64,356	1/4	45,788	1/4	27,042	1/4	8,250	1/4		1/4		1/4		1/4		1/4	
1/2	82,725	1/2	63,965	1/2	45,403	1/2	26,650	1/2	7,858	1/2		1/2		1/2		1/2		1/2	
3/4	82,334	3/4	63,574	3/4	45,018	3/4	26,259	3/4	7,467	3/4		3/4		3/4		3/4		3/4	
6	81,943	6	63,183	6	44,632	6	25,867	6	7,076	6		6		6		6		6	
1/4	81,552	1/4	62,792	1/4	44,247	1/4	25,476	1/4	6,684	1/4		1/4		1/4		1/4		1/4	
1/2	81,161	1/2	62,402	1/2	43,862	1/2	25,084	1/2	6,293	1/2		1/2		1/2		1/2		1/2	
3/4	80,770	3/4	62,011	3/4	43,471	3/4	24,693	3/4	5,902	3/4		3/4		3/4		3/4		3/4	
7	80,380	7	61,620	7	43,080	7	24,301	7	5,511	7		7		7		7		7	
1/4	79,989	1/4	61,229	1/4	42,689	1/4	23,910	1/4	5,120	1/4		1/4		1/4		1/4		1/4	
1/2	79,598	1/2	60,838	1/2	42,298	1/2	23,518	1/2	4,729	1/2		1/2		1/2		1/2		1/2	
3/4	79,207	3/4	60,447	3/4	41,907	3/4	23,127	3/4	4,339	3/4		3/4		3/4		3/4		3/4	
8	78,816	8	60,057	8	41,516	8	22,735	8	3,950	8		8		8		8		8	
1/4	78,425	1/4	59,666	1/4	41,125	1/4	22,344	1/4	3,560	1/4		1/4		1/4		1/4		1/4	
1/2	78,035	1/2	59,275	1/2	40,734	1/2	21,952	1/2	3,171	1/2		1/2		1/2		1/2		1/2	
3/4	77,644	3/4	58,889	3/4	40,343	3/4	21,561	3/4	2,828	3/4		3/4		3/4		3/4		3/4	
9	77,253	9	58,504	9	39,952	9	21,169	9	2,486	9		9		9		9		9	
1/4	76,862	1/4	58,118	1/4	39,561	1/4	20,778	1/4	2,143	1/4		1/4		1/4		1/4		1/4	
1/2	76,471	1/2	57,732	1/2	39,170	1/2	20,386	1/2	1,801	1/2		1/2		1/2		1/2		1/2	
3/4	76,080	3/4	57,347	3/4	38,779	3/4	19,995	3/4	1,556	3/4		3/4		3/4		3/4		3/4	
10	75,690	10	56,961	10	38,388	10	19,603	10	1,311	10		10		10		10		10	
1/4	75,299	1/4	56,575	1/4	37,997	1/4	19,212	1/4	1,067	1/4		1/4		1/4		1/4		1/4	
1/2	74,908	1/2	56,190	1/2	37,606	1/2	18,820	1/2	822	1/2		1/2		1/2		1/2		1/2	
3/4	74,517	3/4	55,804	3/4	37,215	3/4	18,429	3/4	675	3/4		3/4		3/4		3/4		3/4	
11	74,126	11	55,419	11	36,824	11	18,037	11	528	11		11		11		11		11	
1/4	73,736	1/4	55,034	1/4	36,433	1/4	17,646	1/4	382	1/4		1/4		1/4		1/4		1/4	
1/2	73,345	1/2	54,649	1/2	36,042	1/2	17,254	1/2	235	1/2		1/2		1/2		1/2		1/2	
3/4	72,954	3/4	54,263	3/4	35,651	3/4	16,863	3/4	186	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2020 JS  
CALCULATED: 01/30/2020 CL  
PRINTED: 01/31/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "CBC 1707"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 1/4"

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	
0		0		0	131,329	0	121,273	0	110,815	0	100,329	0	89,840	0	79,348	0	68,855	0	58,362
1/4	1/4	1/4	1/4	1/4	131,186	1/4	121,056	1/4	110,597	1/4	100,111	1/4	89,622	1/4	79,129	1/4	68,636	1/4	58,144
1/2	1/2	1/2	1/2	1/2	131,042	1/2	120,838	1/2	110,379	1/2	99,892	1/2	89,403	1/2	78,910	1/2	68,418	1/2	57,925
3/4	3/4	3/4	3/4	3/4	130,899	3/4	120,620	3/4	110,161	3/4	99,674	3/4	89,184	3/4	78,692	3/4	68,199	3/4	57,706
1		1		1	130,719	1	120,402	1	109,943	1	99,455	1	88,966	1	78,473	1	67,981	1	57,488
1/4	1/4	1/4	1/4	1/4	130,540	1/4	120,184	1/4	109,724	1/4	99,237	1/4	88,747	1/4	78,255	1/4	67,762	1/4	57,269
1/2	1/2	1/2	1/2	1/2	130,360	1/2	119,966	1/2	109,506	1/2	99,018	1/2	88,529	1/2	78,036	1/2	67,543	1/2	57,051
3/4	3/4	3/4	3/4	3/4	130,180	3/4	119,748	3/4	109,287	3/4	98,800	3/4	88,310	3/4	77,817	3/4	67,325	3/4	56,832
2		2		2	129,969	2	119,530	2	109,069	2	98,581	2	88,091	2	77,599	2	67,106	2	56,613
1/4	1/4	1/4	1/4	1/4	129,758	1/4	119,312	1/4	108,850	1/4	98,363	1/4	87,873	1/4	77,380	1/4	66,888	1/4	56,395
1/2	1/2	1/2	1/2	1/2	129,546	1/2	119,095	1/2	108,632	1/2	98,144	1/2	87,654	1/2	77,162	1/2	66,669	1/2	56,176
3/4	3/4	3/4	3/4	3/4	129,335	3/4	118,877	3/4	108,413	3/4	97,926	3/4	87,436	3/4	76,943	3/4	66,450	3/4	55,958
3		3		3	129,117	3	118,659	3	108,195	3	97,707	3	87,217	3	76,724	3	66,232	3	55,739
1/4	1/4	1/4	1/4	1/4	128,899	1/4	118,441	1/4	107,976	1/4	97,489	1/4	86,998	1/4	76,506	1/4	66,013	1/4	55,521
1/2	1/2	1/2	1/2	1/2	128,681	1/2	118,223	1/2	107,758	1/2	97,270	1/2	86,780	1/2	76,287	1/2	65,795	1/2	55,302
3/4	3/4	3/4	3/4	3/4	128,464	3/4	118,005	3/4	107,539	3/4	97,052	3/4	86,561	3/4	76,069	3/4	65,576	3/4	55,083
4		4		4	128,246	4	117,787	4	107,321	4	96,833	4	86,343	4	75,850	4	65,357	4	54,865
1/4	1/4	1/4	1/4	1/4	128,028	1/4	117,569	1/4	107,102	1/4	96,615	1/4	86,124	1/4	75,631	1/4	65,139	1/4	54,646
1/2	1/2	1/2	1/2	1/2	127,810	1/2	117,352	1/2	106,884	1/2	96,396	1/2	85,905	1/2	75,413	1/2	64,920	1/2	54,428
3/4	3/4	3/4	3/4	3/4	127,592	3/4	117,134	3/4	106,665	3/4	96,178	3/4	85,687	3/4	75,194	3/4	64,702	3/4	54,209
5		5		5	127,374	5	116,916	5	106,447	5	95,959	5	85,468	5	74,976	5	64,483	5	53,990
1/4	1/4	1/4	1/4	1/4	127,156	1/4	116,698	1/4	106,228	1/4	95,741	1/4	85,250	1/4	74,757	1/4	64,264	1/4	53,772
1/2	1/2	1/2	1/2	1/2	126,938	1/2	116,480	1/2	106,010	1/2	95,522	1/2	85,031	1/2	74,538	1/2	64,046	1/2	53,553
3/4	3/4	3/4	3/4	3/4	126,721	3/4	116,262	3/4	105,791	3/4	95,304	3/4	84,812	3/4	74,320	3/4	63,827	3/4	53,335
6		6		6	126,503	6	116,044	6	105,573	6	95,085	6	84,594	6	74,101	6	63,609	6	53,116
1/4	1/4	1/4	1/4	1/4	126,285	1/4	115,826	1/4	105,354	1/4	94,867	1/4	84,375	1/4	73,883	1/4	63,390	1/4	52,897
1/2	1/2	1/2	1/2	1/2	126,067	1/2	115,608	1/2	105,136	1/2	94,648	1/2	84,157	1/2	73,664	1/2	63,171	1/2	52,679
3/4	3/4	3/4	3/4	3/4	125,849	3/4	115,391	3/4	104,918	3/4	94,430	3/4	83,938	3/4	73,445	3/4	62,953	3/4	52,460
7		7		7	125,631	7	115,173	7	104,699	7	94,211	7	83,719	7	73,227	7	62,734	7	52,242
1/4	1/4	1/4	1/4	1/4	125,413	1/4	114,955	1/4	104,481	1/4	93,993	1/4	83,501	1/4	73,008	1/4	62,516	1/4	52,023
1/2	1/2	1/2	1/2	1/2	125,195	1/2	114,737	1/2	104,262	1/2	93,774	1/2	83,282	1/2	72,790	1/2	62,297	1/2	51,804
3/4	3/4	3/4	3/4	3/4	124,977	3/4	114,519	3/4	104,044	3/4	93,556	3/4	83,064	3/4	72,571	3/4	62,078	3/4	51,586
8		8		8	124,760	8	114,301	8	103,825	8	93,337	8	82,845	8	72,352	8	61,860	8	51,367
1/4	1/4	1/4	1/4	1/4	124,542	1/4	114,083	1/4	103,607	1/4	93,119	1/4	82,626	1/4	72,134	1/4	61,641	1/4	51,149
1/2	1/2	1/2	1/2	1/2	124,324	1/2	113,865	1/2	103,388	1/2	92,900	1/2	82,408	1/2	71,915	1/2	61,423	1/2	50,930
3/4	3/4	3/4	3/4	3/4	124,106	3/4	113,647	3/4	103,170	3/4	92,682	3/4	82,189	3/4	71,697	3/4	61,204	3/4	50,711
9		9		9	123,888	9	113,430	9	102,951	9	92,463	9	81,971	9	71,478	9	60,985	9	50,493
1/4	1/4	1/4	1/4	1/4	123,670	1/4	113,212	1/4	102,733	1/4	92,245	1/4	81,752	1/4	71,259	1/4	60,767	1/4	50,274
1/2	1/2	1/2	1/2	1/2	123,452	1/2	112,994	1/2	102,514	1/2	92,026	1/2	81,533	1/2	71,041	1/2	60,548	1/2	50,056
3/4	3/4	3/4	3/4	3/4	123,234	3/4	112,776	3/4	102,296	3/4	91,808	3/4	81,315	3/4	70,822	3/4	60,330	3/4	49,837
10		10		10	123,017	10	112,558	10	102,077	10	91,589	10	81,096	10	70,604	10	60,111	10	49,618
1/4	1/4	1/4	1/4	1/4	122,799	1/4	112,340	1/4	101,859	1/4	91,370	1/4	80,878	1/4	70,385	1/4	59,892	1/4	49,400
1/2	1/2	1/2	1/2	1/2	122,581	1/2	112,122	1/2	101,640	1/2	91,152	1/2	80,659	1/2	70,166	1/2	59,674	1/2	49,181
3/4	3/4	3/4	3/4	3/4	122,363	3/4	111,904	3/4	101,422	3/4	90,933	3/4	80,441	3/4	69,948	3/4	59,455	3/4	48,963
11		11		11	122,145	11	111,687	11	101,203	11	90,715	11	80,222	11	69,729	11	59,237	11	48,744
1/4	1/4	1/4	1/4	1/4	121,927	1/4	111,469	1/4	100,985	1/4	90,496	1/4	80,003	1/4	69,511	1/4	59,018	1/4	48,525
1/2	1/2	1/2	1/2	1/2	121,709	1/2	111,251	1/2	100,766	1/2	90,277	1/2	79,785	1/2	69,292	1/2	58,799	1/2	48,307
3/4	3/4	3/4	3/4	3/4	121,491	3/4	111,033	3/4	100,548	3/4	90,059	3/4	79,566	3/4	69,073	3/4	58,581	3/4	48,088

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CBC 1707"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 1/4"

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	47,870	0	37,377	0	26,909	0	16,428	0	5,935	0		0		0		0		0	
1/4	47,651	1/4	37,158	1/4	26,691	1/4	16,209	1/4	5,717	1/4		1/4		1/4		1/4		1/4	
1/2	47,432	1/2	36,940	1/2	26,474	1/2	15,990	1/2	5,498	1/2		1/2		1/2		1/2		1/2	
3/4	47,214	3/4	36,721	3/4	26,256	3/4	15,772	3/4	5,280	3/4		3/4		3/4		3/4		3/4	
1	46,995	1	36,503	1	26,038	1	15,553	1	5,061	1		1		1		1		1	
1/4	46,777	1/4	36,284	1/4	25,821	1/4	15,335	1/4	4,842	1/4		1/4		1/4		1/4		1/4	
1/2	46,558	1/2	36,065	1/2	25,603	1/2	15,116	1/2	4,624	1/2		1/2		1/2		1/2		1/2	
3/4	46,339	3/4	35,847	3/4	25,386	3/4	14,897	3/4	4,405	3/4		3/4		3/4		3/4		3/4	
2	46,121	2	35,628	2	25,168	2	14,679	2	4,187	2		2		2		2		2	
1/4	45,902	1/4	35,410	1/4	24,950	1/4	14,460	1/4	3,968	1/4		1/4		1/4		1/4		1/4	
1/2	45,684	1/2	35,191	1/2	24,733	1/2	14,242	1/2	3,750	1/2		1/2		1/2		1/2		1/2	
3/4	45,465	3/4	34,972	3/4	24,515	3/4	14,023	3/4	3,531	3/4		3/4		3/4		3/4		3/4	
3	45,246	3	34,754	3	24,297	3	13,804	3	3,313	3		3		3		3		3	
1/4	45,028	1/4	34,535	1/4	24,078	1/4	13,586	1/4	3,094	1/4		1/4		1/4		1/4		1/4	
1/2	44,809	1/2	34,317	1/2	23,859	1/2	13,367	1/2	2,876	1/2		1/2		1/2		1/2		1/2	
3/4	44,591	3/4	34,098	3/4	23,641	3/4	13,149	3/4	2,658	3/4		3/4		3/4		3/4		3/4	
4	44,372	4	33,879	4	23,422	4	12,930	4	2,440	4		4		4		4		4	
1/4	44,153	1/4	33,661	1/4	23,204	1/4	12,712	1/4	2,223	1/4		1/4		1/4		1/4		1/4	
1/2	43,935	1/2	33,442	1/2	22,985	1/2	12,493	1/2	2,005	1/2		1/2		1/2		1/2		1/2	
3/4	43,716	3/4	33,224	3/4	22,767	3/4	12,274	3/4	1,788	3/4		3/4		3/4		3/4		3/4	
5	43,498	5	33,005	5	22,548	5	12,056	5	1,597	5		5		5		5		5	
1/4	43,279	1/4	32,787	1/4	22,329	1/4	11,837	1/4	1,405	1/4		1/4		1/4		1/4		1/4	
1/2	43,061	1/2	32,569	1/2	22,111	1/2	11,619	1/2	1,214	1/2		1/2		1/2		1/2		1/2	
3/4	42,842	3/4	32,351	3/4	21,892	3/4	11,400	3/4	1,023	3/4		3/4		3/4		3/4		3/4	
6	42,623	6	32,133	6	21,674	6	11,181	6	886	6		6		6		6		6	
1/4	42,405	1/4	31,915	1/4	21,455	1/4	10,963	1/4	750	1/4		1/4		1/4		1/4		1/4	
1/2	42,186	1/2	31,696	1/2	21,236	1/2	10,744	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41,968	3/4	31,478	3/4	21,018	3/4	10,526	3/4		3/4		3/4		3/4		3/4		3/4	
7	41,749	7	31,261	7	20,799	7	10,307	7		7		7		7		7		7	
1/4	41,530	1/4	31,043	1/4	20,581	1/4	10,088	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41,312	1/2	30,825	1/2	20,362	1/2	9,870	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41,093	3/4	30,608	3/4	20,144	3/4	9,651	3/4		3/4		3/4		3/4		3/4		3/4	
8	40,875	8	30,390	8	19,925	8	9,433	8		8		8		8		8		8	
1/4	40,656	1/4	30,173	1/4	19,706	1/4	9,214	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,437	1/2	29,955	1/2	19,488	1/2	8,996	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40,219	3/4	29,738	3/4	19,269	3/4	8,777	3/4		3/4		3/4		3/4		3/4		3/4	
9	40,000	9	29,520	9	19,051	9	8,558	9		9		9		9		9		9	
1/4	39,782	1/4	29,302	1/4	18,832	1/4	8,340	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,563	1/2	29,085	1/2	18,613	1/2	8,121	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,344	3/4	28,867	3/4	18,395	3/4	7,903	3/4		3/4		3/4		3/4		3/4		3/4	
10	39,126	10	28,650	10	18,176	10	7,684	10		10		10		10		10		10	
1/4	38,907	1/4	28,432	1/4	17,958	1/4	7,465	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,689	1/2	28,214	1/2	17,739	1/2	7,247	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,470	3/4	27,997	3/4	17,520	3/4	7,028	3/4		3/4		3/4		3/4		3/4		3/4	
11	38,251	11	27,779	11	17,302	11	6,810	11		11		11		11		11		11	
1/4	38,033	1/4	27,562	1/4	17,083	1/4	6,591	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	37,814	1/2	27,344	1/2	16,865	1/2	6,373	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37,596	3/4	27,126	3/4	16,646	3/4	6,154	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2020 JS  
CALCULATED: 01/30/2020 CL  
PRINTED: 01/31/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "CBC 1707"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06"

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	131,150	0	121,000	0	110,520	0	100,013	0	89,503	0	78,989	0	68,475	0	57,962
1/4	1/4	1/4	1/4	1/4	131,007	1/4	120,782	1/4	110,302	1/4	99,794	1/4	89,284	1/4	78,770	1/4	68,256	1/4	57,743
1/2	1/2	1/2	1/2	1/2	130,863	1/2	120,563	1/2	110,084	1/2	99,575	1/2	89,065	1/2	78,551	1/2	68,037	1/2	57,523
3/4	3/4	3/4	3/4	3/4	130,683	3/4	120,345	3/4	109,865	3/4	99,356	3/4	88,846	3/4	78,332	3/4	67,818	3/4	57,304
1	1	1	1	1	130,503	1	120,127	1	109,646	1	99,137	1	88,627	1	78,113	1	67,599	1	57,085
1/4	1/4	1/4	1/4	1/4	130,323	1/4	119,908	1/4	109,427	1/4	98,918	1/4	88,408	1/4	77,894	1/4	67,380	1/4	56,866
1/2	1/2	1/2	1/2	1/2	130,143	1/2	119,690	1/2	109,208	1/2	98,699	1/2	88,189	1/2	77,675	1/2	67,161	1/2	56,647
3/4	3/4	3/4	3/4	3/4	129,931	3/4	119,472	3/4	108,989	3/4	98,480	3/4	87,969	3/4	77,456	3/4	66,942	3/4	56,428
2	2	2	2	2	129,719	2	119,253	2	108,770	2	98,261	2	87,750	2	77,237	2	66,723	2	56,209
1/4	1/4	1/4	1/4	1/4	129,508	1/4	119,035	1/4	108,551	1/4	98,043	1/4	87,531	1/4	77,018	1/4	66,504	1/4	55,990
1/2	1/2	1/2	1/2	1/2	129,296	1/2	118,817	1/2	108,332	1/2	97,824	1/2	87,312	1/2	76,799	1/2	66,285	1/2	55,771
3/4	3/4	3/4	3/4	3/4	129,078	3/4	118,598	3/4	108,113	3/4	97,605	3/4	87,093	3/4	76,580	3/4	66,066	3/4	55,552
3	3	3	3	3	128,859	3	118,380	3	107,894	3	97,386	3	86,874	3	76,361	3	65,847	3	55,333
1/4	1/4	1/4	1/4	1/4	128,641	1/4	118,162	1/4	107,676	1/4	97,167	1/4	86,655	1/4	76,142	1/4	65,628	1/4	55,114
1/2	1/2	1/2	1/2	1/2	128,423	1/2	117,943	1/2	107,457	1/2	96,948	1/2	86,436	1/2	75,923	1/2	65,409	1/2	54,895
3/4	3/4	3/4	3/4	3/4	128,205	3/4	117,725	3/4	107,238	3/4	96,729	3/4	86,217	3/4	75,703	3/4	65,190	3/4	54,676
4	4	4	4	4	127,986	4	117,507	4	107,019	4	96,510	4	85,998	4	75,484	4	64,971	4	54,457
1/4	1/4	1/4	1/4	1/4	127,768	1/4	117,288	1/4	106,800	1/4	96,291	1/4	85,779	1/4	75,265	1/4	64,752	1/4	54,238
1/2	1/2	1/2	1/2	1/2	127,550	1/2	117,070	1/2	106,581	1/2	96,072	1/2	85,560	1/2	75,046	1/2	64,533	1/2	54,019
3/4	3/4	3/4	3/4	3/4	127,331	3/4	116,852	3/4	106,362	3/4	95,853	3/4	85,341	3/4	74,827	3/4	64,314	3/4	53,800
5	5	5	5	5	127,113	5	116,633	5	106,143	5	95,634	5	85,122	5	74,608	5	64,095	5	53,581
1/4	1/4	1/4	1/4	1/4	126,895	1/4	116,415	1/4	105,924	1/4	95,415	1/4	84,903	1/4	74,389	1/4	63,876	1/4	53,362
1/2	1/2	1/2	1/2	1/2	126,676	1/2	116,197	1/2	105,705	1/2	95,196	1/2	84,684	1/2	74,170	1/2	63,657	1/2	53,143
3/4	3/4	3/4	3/4	3/4	126,458	3/4	115,978	3/4	105,486	3/4	94,977	3/4	84,465	3/4	73,951	3/4	63,437	3/4	52,924
6	6	6	6	6	126,240	6	115,760	6	105,267	6	94,759	6	84,246	6	73,732	6	63,218	6	52,705
1/4	1/4	1/4	1/4	1/4	126,021	1/4	115,542	1/4	105,048	1/4	94,540	1/4	84,027	1/4	73,513	1/4	62,999	1/4	52,486
1/2	1/2	1/2	1/2	1/2	125,803	1/2	115,324	1/2	104,829	1/2	94,321	1/2	83,808	1/2	73,294	1/2	62,780	1/2	52,267
3/4	3/4	3/4	3/4	3/4	125,585	3/4	115,105	3/4	104,610	3/4	94,102	3/4	83,589	3/4	73,075	3/4	62,561	3/4	52,048
7	7	7	7	7	125,366	7	114,887	7	104,392	7	93,883	7	83,370	7	72,856	7	62,342	7	51,829
1/4	1/4	1/4	1/4	1/4	125,148	1/4	114,669	1/4	104,173	1/4	93,664	1/4	83,151	1/4	72,637	1/4	62,123	1/4	51,610
1/2	1/2	1/2	1/2	1/2	124,930	1/2	114,450	1/2	103,954	1/2	93,445	1/2	82,932	1/2	72,418	1/2	61,904	1/2	51,390
3/4	3/4	3/4	3/4	3/4	124,711	3/4	114,232	3/4	103,735	3/4	93,226	3/4	82,713	3/4	72,199	3/4	61,685	3/4	51,171
8	8	8	8	8	124,493	8	114,014	8	103,516	8	93,007	8	82,494	8	71,980	8	61,466	8	50,952
1/4	1/4	1/4	1/4	1/4	124,275	1/4	113,795	1/4	103,297	1/4	92,788	1/4	82,275	1/4	71,761	1/4	61,247	1/4	50,733
1/2	1/2	1/2	1/2	1/2	124,056	1/2	113,577	1/2	103,078	1/2	92,569	1/2	82,056	1/2	71,542	1/2	61,028	1/2	50,514
3/4	3/4	3/4	3/4	3/4	123,838	3/4	113,359	3/4	102,859	3/4	92,350	3/4	81,836	3/4	71,323	3/4	60,809	3/4	50,295
9	9	9	9	9	123,620	9	113,140	9	102,640	9	92,131	9	81,617	9	71,104	9	60,590	9	50,076
1/4	1/4	1/4	1/4	1/4	123,401	1/4	112,922	1/4	102,421	1/4	91,912	1/4	81,398	1/4	70,885	1/4	60,371	1/4	49,857
1/2	1/2	1/2	1/2	1/2	123,183	1/2	112,704	1/2	102,202	1/2	91,693	1/2	81,179	1/2	70,666	1/2	60,152	1/2	49,638
3/4	3/4	3/4	3/4	3/4	122,965	3/4	112,485	3/4	101,983	3/4	91,474	3/4	80,960	3/4	70,447	3/4	59,933	3/4	49,419
10	10	10	10	10	122,746	10	112,267	10	101,764	10	91,255	10	80,741	10	70,228	10	59,714	10	49,200
1/4	1/4	1/4	1/4	1/4	122,528	1/4	112,049	1/4	101,545	1/4	91,036	1/4	80,522	1/4	70,009	1/4	59,495	1/4	48,981
1/2	1/2	1/2	1/2	1/2	122,310	1/2	111,830	1/2	101,327	1/2	90,817	1/2	80,303	1/2	69,790	1/2	59,276	1/2	48,762
3/4	3/4	3/4	3/4	3/4	122,092	3/4	111,612	3/4	101,108	3/4	90,598	3/4	80,084	3/4	69,570	3/4	59,057	3/4	48,543
11	11	11	11	11	121,873	11	111,394	11	100,889	11	90,379	11	79,865	11	69,351	11	58,838	11	48,324
1/4	1/4	1/4	1/4	1/4	121,655	1/4	111,175	1/4	100,670	1/4	90,160	1/4	79,646	1/4	69,132	1/4	58,619	1/4	48,105
1/2	1/2	1/2	1/2	1/2	121,437	1/2	110,957	1/2	100,451	1/2	89,941	1/2	79,427	1/2	68,913	1/2	58,400	1/2	47,886
3/4	3/4	3/4	3/4	3/4	121,294	3/4	110,739	3/4	100,232	3/4	89,722	3/4	79,208	3/4	68,694	3/4	58,181	3/4	47,667

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 1707"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06"

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	47,448	0	36,934	0	26,670	0	16,241	0	5,728	0		0		0		0		0	
1/4	47,229	1/4	36,715	1/4	26,459	1/4	16,022	1/4	5,509	1/4		1/4		1/4		1/4		1/4	
1/2	47,010	1/2	36,496	1/2	26,249	1/2	15,803	1/2	5,290	1/2		1/2		1/2		1/2		1/2	
3/4	46,791	3/4	36,277	3/4	26,038	3/4	15,584	3/4	5,071	3/4		3/4		3/4		3/4		3/4	
1	46,572	1	36,058	1	25,827	1	15,365	1	4,852	1		1		1		1		1	
1/4	46,353	1/4	35,839	1/4	25,617	1/4	15,146	1/4	4,633	1/4		1/4		1/4		1/4		1/4	
1/2	46,134	1/2	35,620	1/2	25,406	1/2	14,927	1/2	4,414	1/2		1/2		1/2		1/2		1/2	
3/4	45,915	3/4	35,401	3/4	25,196	3/4	14,708	3/4	4,195	3/4		3/4		3/4		3/4		3/4	
2	45,696	2	35,182	2	24,985	2	14,489	2	3,976	2		2		2		2		2	
1/4	45,477	1/4	34,963	1/4	24,775	1/4	14,270	1/4	3,757	1/4		1/4		1/4		1/4		1/4	
1/2	45,257	1/2	34,744	1/2	24,564	1/2	14,051	1/2	3,538	1/2		1/2		1/2		1/2		1/2	
3/4	45,038	3/4	34,525	3/4	24,345	3/4	13,832	3/4	3,319	3/4		3/4		3/4		3/4		3/4	
3	44,819	3	34,306	3	24,126	3	13,613	3	3,100	3		3		3		3		3	
1/4	44,600	1/4	34,087	1/4	23,907	1/4	13,394	1/4	2,881	1/4		1/4		1/4		1/4		1/4	
1/2	44,381	1/2	33,868	1/2	23,688	1/2	13,175	1/2	2,663	1/2		1/2		1/2		1/2		1/2	
3/4	44,162	3/4	33,649	3/4	23,469	3/4	12,956	3/4	2,445	3/4		3/4		3/4		3/4		3/4	
4	43,943	4	33,430	4	23,250	4	12,737	4	2,227	4		4		4		4		4	
1/4	43,724	1/4	33,211	1/4	23,031	1/4	12,518	1/4	2,009	1/4		1/4		1/4		1/4		1/4	
1/2	43,505	1/2	32,991	1/2	22,812	1/2	12,299	1/2	1,791	1/2		1/2		1/2		1/2		1/2	
3/4	43,286	3/4	32,780	3/4	22,593	3/4	12,080	3/4	1,599	3/4		3/4		3/4		3/4		3/4	
5	43,067	5	32,569	5	22,374	5	11,861	5	1,408	5		5		5		5		5	
1/4	42,848	1/4	32,358	1/4	22,155	1/4	11,641	1/4	1,216	1/4		1/4		1/4		1/4		1/4	
1/2	42,629	1/2	32,147	1/2	21,936	1/2	11,422	1/2	1,024	1/2		1/2		1/2		1/2		1/2	
3/4	42,410	3/4	31,936	3/4	21,717	3/4	11,203	3/4	888	3/4		3/4		3/4		3/4		3/4	
6	42,191	6	31,725	6	21,498	6	10,984	6	751	6		6		6		6		6	
1/4	41,972	1/4	31,513	1/4	21,279	1/4	10,765	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41,753	1/2	31,302	1/2	21,060	1/2	10,546	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41,534	3/4	31,092	3/4	20,841	3/4	10,327	3/4		3/4		3/4		3/4		3/4		3/4	
7	41,315	7	30,881	7	20,622	7	10,108	7		7		7		7		7		7	
1/4	41,096	1/4	30,671	1/4	20,403	1/4	9,889	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,877	1/2	30,460	1/2	20,184	1/2	9,670	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40,658	3/4	30,249	3/4	19,965	3/4	9,451	3/4		3/4		3/4		3/4		3/4		3/4	
8	40,439	8	30,039	8	19,745	8	9,232	8		8		8		8		8		8	
1/4	40,220	1/4	29,828	1/4	19,526	1/4	9,013	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,001	1/2	29,618	1/2	19,307	1/2	8,794	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,782	3/4	29,407	3/4	19,088	3/4	8,575	3/4		3/4		3/4		3/4		3/4		3/4	
9	39,563	9	29,197	9	18,869	9	8,356	9		9		9		9		9		9	
1/4	39,344	1/4	28,986	1/4	18,650	1/4	8,137	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,124	1/2	28,775	1/2	18,431	1/2	7,918	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,905	3/4	28,565	3/4	18,212	3/4	7,699	3/4		3/4		3/4		3/4		3/4		3/4	
10	38,686	10	28,354	10	17,993	10	7,480	10		10		10		10		10		10	
1/4	38,467	1/4	28,144	1/4	17,774	1/4	7,261	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,248	1/2	27,933	1/2	17,555	1/2	7,042	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,029	3/4	27,723	3/4	17,336	3/4	6,823	3/4		3/4		3/4		3/4		3/4		3/4	
11	37,810	11	27,512	11	17,117	11	6,604	11		11		11		11		11		11	
1/4	37,591	1/4	27,301	1/4	16,898	1/4	6,385	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	37,372	1/2	27,091	1/2	16,679	1/2	6,166	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37,153	3/4	26,880	3/4	16,460	3/4	5,947	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 01/30/2020 JS  
CALCULATED: 01/30/2020 CL  
PRINTED: 01/31/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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 1707"

## 3 CENTER ULLAGE 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		0		0		0	222,393	0	203,728	0	185,047	0	166,356	0	147,656	0	128,956	0	110,256
1/4	1/4	1/4	1/4	1/4	1/4	1/4	222,004	1/4	203,339	1/4	184,657	1/4	165,966	1/4	147,267	1/4	128,567	1/4	109,866
1/2	1/2	1/2	1/2	1/2	1/2	1/2	221,615	1/2	202,950	1/2	184,268	1/2	165,577	1/2	146,877	1/2	128,177	1/2	109,476
3/4	3/4	3/4	3/4	3/4	3/4	3/4	235,961	3/4	221,227	3/4	202,561	3/4	183,878	3/4	165,187	3/4	146,488	3/4	127,788
1	1	1	1	1	1	1	235,897	1	220,838	1	202,172	1	183,489	1	164,798	1	146,098	1	127,398
1/4	1/4	1/4	1/4	1/4	1/4	1/4	235,833	1/4	220,449	1/4	201,783	1/4	183,100	1/4	164,408	1/4	145,708	1/4	127,008
1/2	1/2	1/2	1/2	1/2	1/2	1/2	235,768	1/2	220,060	1/2	201,394	1/2	182,710	1/2	164,019	1/2	145,319	1/2	126,619
3/4	3/4	3/4	3/4	3/4	3/4	3/4	235,704	3/4	219,671	3/4	201,006	3/4	182,321	3/4	163,629	3/4	144,929	3/4	126,229
2	2	2	2	2	2	2	235,575	2	219,282	2	200,617	2	181,931	2	163,239	2	144,540	2	125,840
1/4	1/4	1/4	1/4	1/4	1/4	1/4	235,446	1/4	218,893	1/4	200,228	1/4	181,542	1/4	162,850	1/4	144,150	1/4	125,450
1/2	1/2	1/2	1/2	1/2	1/2	1/2	235,317	1/2	218,504	1/2	199,839	1/2	181,153	1/2	162,460	1/2	143,760	1/2	125,060
3/4	3/4	3/4	3/4	3/4	3/4	3/4	235,188	3/4	218,116	3/4	199,450	3/4	180,763	3/4	162,071	3/4	143,371	3/4	124,671
3	3	3	3	3	3	3	234,994	3	217,727	3	199,061	3	180,374	3	161,681	3	142,981	3	124,281
1/4	1/4	1/4	1/4	1/4	1/4	1/4	234,800	1/4	217,338	1/4	198,672	1/4	179,984	1/4	161,292	1/4	142,592	1/4	123,892
1/2	1/2	1/2	1/2	1/2	1/2	1/2	234,605	1/2	216,949	1/2	198,284	1/2	179,595	1/2	160,902	1/2	142,202	1/2	123,502
3/4	3/4	3/4	3/4	3/4	3/4	3/4	234,411	3/4	216,560	3/4	197,895	3/4	179,206	3/4	160,512	3/4	141,813	3/4	123,112
4	4	4	4	4	4	4	234,152	4	216,171	4	197,506	4	178,816	4	160,123	4	141,423	4	122,723
1/4	1/4	1/4	1/4	1/4	1/4	1/4	233,893	1/4	215,782	1/4	197,117	1/4	178,427	1/4	159,733	1/4	141,033	1/4	122,333
1/2	1/2	1/2	1/2	1/2	1/2	1/2	233,634	1/2	215,394	1/2	196,728	1/2	178,037	1/2	159,344	1/2	140,644	1/2	121,944
3/4	3/4	3/4	3/4	3/4	3/4	3/4	233,375	3/4	215,005	3/4	196,339	3/4	177,648	3/4	158,954	3/4	140,254	3/4	121,554
5	5	5	5	5	5	5	233,052	5	214,616	5	195,950	5	177,259	5	158,564	5	139,865	5	121,164
1/4	1/4	1/4	1/4	1/4	1/4	1/4	232,728	1/4	214,227	1/4	195,560	1/4	176,869	1/4	158,175	1/4	139,475	1/4	120,775
1/2	1/2	1/2	1/2	1/2	1/2	1/2	232,404	1/2	213,838	1/2	195,171	1/2	176,480	1/2	157,785	1/2	139,085	1/2	120,385
3/4	3/4	3/4	3/4	3/4	3/4	3/4	232,080	3/4	213,449	3/4	194,782	3/4	176,090	3/4	157,396	3/4	138,696	3/4	119,996
6	6	6	6	6	6	6	231,699	6	213,060	6	194,392	6	175,701	6	157,006	6	138,306	6	119,606
1/4	1/4	1/4	1/4	1/4	1/4	1/4	231,319	1/4	212,672	1/4	194,003	1/4	175,312	1/4	156,617	1/4	137,917	1/4	119,216
1/2	1/2	1/2	1/2	1/2	1/2	1/2	230,939	1/2	212,283	1/2	193,613	1/2	174,922	1/2	156,227	1/2	137,527	1/2	118,827
3/4	3/4	3/4	3/4	3/4	3/4	3/4	230,559	3/4	211,894	3/4	193,224	3/4	174,533	3/4	155,837	3/4	137,138	3/4	118,437
7	7	7	7	7	7	7	230,170	7	211,505	7	192,835	7	174,143	7	155,448	7	136,748	7	118,048
1/4	1/4	1/4	1/4	1/4	1/4	1/4	229,781	1/4	211,116	1/4	192,445	1/4	173,754	1/4	155,058	1/4	136,358	1/4	117,658
1/2	1/2	1/2	1/2	1/2	1/2	1/2	229,393	1/2	210,727	1/2	192,056	1/2	173,365	1/2	154,669	1/2	135,969	1/2	117,268
3/4	3/4	3/4	3/4	3/4	3/4	3/4	229,004	3/4	210,338	3/4	191,666	3/4	172,975	3/4	154,279	3/4	135,579	3/4	116,879
8	8	8	8	8	8	8	228,615	8	209,949	8	191,277	8	172,586	8	153,890	8	135,190	8	116,489
1/4	1/4	1/4	1/4	1/4	1/4	1/4	228,226	1/4	209,561	1/4	190,888	1/4	172,197	1/4	153,500	1/4	134,800	1/4	116,100
1/2	1/2	1/2	1/2	1/2	1/2	1/2	227,837	1/2	209,172	1/2	190,498	1/2	171,807	1/2	153,110	1/2	134,411	1/2	115,710
3/4	3/4	3/4	3/4	3/4	3/4	3/4	227,448	3/4	208,783	3/4	190,109	3/4	171,418	3/4	152,721	3/4	134,021	3/4	115,320
9	9	9	9	9	9	9	227,059	9	208,394	9	189,719	9	171,028	9	152,331	9	133,631	9	114,931
1/4	1/4	1/4	1/4	1/4	1/4	1/4	226,671	1/4	208,005	1/4	189,330	1/4	170,639	1/4	151,942	1/4	133,242	1/4	114,541
1/2	1/2	1/2	1/2	1/2	1/2	1/2	226,282	1/2	207,616	1/2	188,941	1/2	170,250	1/2	151,552	1/2	132,852	1/2	114,152
3/4	3/4	3/4	3/4	3/4	3/4	3/4	225,893	3/4	207,227	3/4	188,551	3/4	169,860	3/4	151,162	3/4	132,463	3/4	113,762
10	10	10	10	10	10	10	225,504	10	206,839	10	188,162	10	169,471	10	150,773	10	132,073	10	113,372
1/4	1/4	1/4	1/4	1/4	1/4	1/4	225,115	1/4	206,450	1/4	187,772	1/4	169,081	1/4	150,383	1/4	131,683	1/4	112,983
1/2	1/2	1/2	1/2	1/2	1/2	1/2	224,726	1/2	206,061	1/2	187,383	1/2	168,692	1/2	149,994	1/2	131,294	1/2	112,593
3/4	3/4	3/4	3/4	3/4	3/4	3/4	224,337	3/4	205,672	3/4	186,994	3/4	168,303	3/4	149,604	3/4	130,904	3/4	112,204
11	11	11	11	11	11	11	223,949	11	205,283	11	186,604	11	167,913	11	149,215	11	130,515	11	111,814
1/4	1/4	1/4	1/4	1/4	1/4	1/4	223,560	1/4	204,894	1/4	186,215	1/4	167,524	1/4	148,825	1/4	130,125	1/4	111,424
1/2	1/2	1/2	1/2	1/2	1/2	1/2	223,171	1/2	204,505	1/2	185,825	1/2	167,134	1/2	148,435	1/2	129,736	1/2	111,035
3/4	3/4	3/4	3/4	3/4	3/4	3/4	222,782	3/4	204,116	3/4	185,436	3/4	166,745	3/4	148,046	3/4	129,346	3/4	110,645

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 29'-00" FORWARD OF AFT BULKHEAD.

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 1707"

## 3 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	91,555	0	72,854	0	54,160	0	35,482	0	16,781	0	185	0		0		0		0	
1/4	91,165	1/4	72,464	1/4	53,772	1/4	35,092	1/4	16,392	1/4	137	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,776	1/2	72,075	1/2	53,383	1/2	34,703	1/2	16,002	1/2	88	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,386	3/4	71,685	3/4	52,994	3/4	34,313	3/4	15,613	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	89,996	1	71,296	1	52,605	1	33,923	1	15,223	1		1		1		1		1	
1/4	89,607	1/4	70,906	1/4	52,217	1/4	33,534	1/4	14,833	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,217	1/2	70,516	1/2	51,828	1/2	33,144	1/2	14,444	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,828	3/4	70,127	3/4	51,439	3/4	32,755	3/4	14,054	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	88,438	2	69,737	2	51,050	2	32,365	2	13,665	2		2		2		2		2	
1/4	88,048	1/4	69,348	1/4	50,661	1/4	31,975	1/4	13,275	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,659	1/2	68,958	1/2	50,273	1/2	31,586	1/2	12,885	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,269	3/4	68,568	3/4	49,884	3/4	31,196	3/4	12,496	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	86,880	3	68,179	3	49,495	3	30,807	3	12,106	3		3		3		3		3	
1/4	86,490	1/4	67,789	1/4	49,106	1/4	30,417	1/4	11,717	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,100	1/2	67,400	1/2	48,717	1/2	30,027	1/2	11,327	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,711	3/4	67,010	3/4	48,329	3/4	29,638	3/4	10,937	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	85,321	4	66,620	4	47,940	4	29,248	4	10,548	4		4		4		4		4	
1/4	84,932	1/4	66,231	1/4	47,551	1/4	28,859	1/4	10,158	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,542	1/2	65,841	1/2	47,162	1/2	28,469	1/2	9,769	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,152	3/4	65,452	3/4	46,773	3/4	28,079	3/4	9,379	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	83,763	5	65,062	5	46,385	5	27,690	5	8,990	5		5		5		5		5	
1/4	83,373	1/4	64,672	1/4	45,996	1/4	27,300	1/4	8,600	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,984	1/2	64,283	1/2	45,607	1/2	26,911	1/2	8,210	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,594	3/4	63,893	3/4	45,218	3/4	26,521	3/4	7,821	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	82,204	6	63,504	6	44,829	6	26,132	6	7,431	6		6		6		6		6	
1/4	81,815	1/4	63,114	1/4	44,441	1/4	25,742	1/4	7,042	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,425	1/2	62,724	1/2	44,052	1/2	25,352	1/2	6,652	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,036	3/4	62,335	3/4	43,663	3/4	24,963	3/4	6,263	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	80,646	7	61,945	7	43,274	7	24,573	7	5,874	7		7		7		7		7	
1/4	80,256	1/4	61,556	1/4	42,884	1/4	24,184	1/4	5,485	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,867	1/2	61,166	1/2	42,494	1/2	23,794	1/2	5,096	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,477	3/4	60,776	3/4	42,105	3/4	23,404	3/4	4,706	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	79,088	8	60,387	8	41,715	8	23,015	8	4,319	8		8		8		8		8	
1/4	78,698	1/4	59,997	1/4	41,326	1/4	22,625	1/4	3,931	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,308	1/2	59,608	1/2	40,936	1/2	22,236	1/2	3,543	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,919	3/4	59,218	3/4	40,546	3/4	21,846	3/4	3,156	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	77,529	9	58,829	9	40,157	9	21,456	9	2,815	9		9		9		9		9	
1/4	77,140	1/4	58,440	1/4	39,767	1/4	21,067	1/4	2,474	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,750	1/2	58,050	1/2	39,378	1/2	20,677	1/2	2,133	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,360	3/4	57,661	3/4	38,988	3/4	20,288	3/4	1,792	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	75,971	10	57,272	10	38,598	10	19,898	10	1,549	10		10		10		10		10	
1/4	75,581	1/4	56,883	1/4	38,209	1/4	19,508	1/4	1,305	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,192	1/2	56,494	1/2	37,819	1/2	19,119	1/2	1,062	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,802	3/4	56,104	3/4	37,430	3/4	18,729	3/4	818	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	74,412	11	55,716	11	37,040	11	18,340	11	672	11		11		11		11		11	
1/4	74,023	1/4	55,327	1/4	36,650	1/4	17,950	1/4	526	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,633	1/2	54,938	1/2	36,261	1/2	17,561	1/2	380	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,244	3/4	54,549	3/4	35,871	3/4	17,171	3/4	234	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: 01/30/2020 JS  
CALCULATED: 01/30/2020 CL  
PRINTED: 01/31/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT  
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