



# BARGE "CBC 1388"

## INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-5/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 5/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

November 20, 2015

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

<http://www.pmacorp.net>



# BARGE "CBC 1388"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	8,022	0	18,719	0	29,401	0	40,086	0	50,783	0	61,480	0	72,177	0	82,874	0	93,569
1/4	58	1/4	8,245	1/4	18,942	1/4	29,623	1/4	40,309	1/4	51,006	1/4	61,703	1/4	72,400	1/4	83,096	1/4	93,791
1/2	76	1/2	8,468	1/2	19,165	1/2	29,845	1/2	40,532	1/2	51,229	1/2	61,926	1/2	72,622	1/2	83,319	1/2	94,014
3/4	95	3/4	8,691	3/4	19,387	3/4	30,067	3/4	40,755	3/4	51,452	3/4	62,149	3/4	72,845	3/4	83,542	3/4	94,237
1	113	1	8,914	1	19,610	1	30,290	1	40,978	1	51,675	1	62,371	1	73,068	1	83,765	1	94,460
1/4	169	1/4	9,137	1/4	19,833	1/4	30,512	1/4	41,201	1/4	51,897	1/4	62,594	1/4	73,291	1/4	83,988	1/4	94,683
1/2	225	1/2	9,360	1/2	20,056	1/2	30,734	1/2	41,424	1/2	52,120	1/2	62,817	1/2	73,514	1/2	84,210	1/2	94,905
3/4	281	3/4	9,582	3/4	20,279	3/4	30,956	3/4	41,646	3/4	52,343	3/4	63,040	3/4	73,737	3/4	84,433	3/4	95,128
2	336	2	9,805	2	20,502	2	31,178	2	41,869	2	52,566	2	63,263	2	73,960	2	84,656	2	95,351
1/4	429	1/4	10,028	1/4	20,724	1/4	31,400	1/4	42,092	1/4	52,789	1/4	63,486	1/4	74,182	1/4	84,879	1/4	95,574
1/2	522	1/2	10,251	1/2	20,947	1/2	31,622	1/2	42,315	1/2	53,012	1/2	63,709	1/2	74,405	1/2	85,102	1/2	95,797
3/4	615	3/4	10,474	3/4	21,170	3/4	31,845	3/4	42,538	3/4	53,235	3/4	63,931	3/4	74,628	3/4	85,325	3/4	96,020
3	708	3	10,697	3	21,393	3	32,067	3	42,761	3	53,457	3	64,154	3	74,851	3	85,547	3	96,242
1/4	838	1/4	10,919	1/4	21,616	1/4	32,289	1/4	42,983	1/4	53,680	1/4	64,377	1/4	75,074	1/4	85,770	1/4	96,465
1/2	968	1/2	11,142	1/2	21,839	1/2	32,511	1/2	43,206	1/2	53,903	1/2	64,600	1/2	75,297	1/2	85,993	1/2	96,688
3/4	1,098	3/4	11,365	3/4	22,061	3/4	32,733	3/4	43,429	3/4	54,126	3/4	64,823	3/4	75,520	3/4	86,216	3/4	96,911
4	1,228	4	11,588	4	22,284	4	32,955	4	43,652	4	54,349	4	65,046	4	75,742	4	86,439	4	97,134
1/4	1,395	1/4	11,811	1/4	22,507	1/4	33,178	1/4	43,875	1/4	54,572	1/4	65,268	1/4	75,965	1/4	86,661	1/4	97,356
1/2	1,562	1/2	12,034	1/2	22,730	1/2	33,401	1/2	44,098	1/2	54,795	1/2	65,491	1/2	76,188	1/2	86,884	1/2	97,579
3/4	1,729	3/4	12,256	3/4	22,953	3/4	33,624	3/4	44,321	3/4	55,017	3/4	65,714	3/4	76,411	3/4	87,107	3/4	97,802
5	1,896	5	12,479	5	23,176	5	33,847	5	44,543	5	55,240	5	65,937	5	76,634	5	87,330	5	98,025
1/4	2,100	1/4	12,702	1/4	23,399	1/4	34,069	1/4	44,766	1/4	55,463	1/4	66,160	1/4	76,857	1/4	87,553	1/4	98,248
1/2	2,303	1/2	12,925	1/2	23,621	1/2	34,292	1/2	44,989	1/2	55,686	1/2	66,383	1/2	77,079	1/2	87,775	1/2	98,470
3/4	2,507	3/4	13,148	3/4	23,844	3/4	34,515	3/4	45,212	3/4	55,909	3/4	66,606	3/4	77,302	3/4	87,998	3/4	98,693
6	2,711	6	13,371	6	24,067	6	34,738	6	45,435	6	56,132	6	66,828	6	77,525	6	88,221	6	98,916
1/4	2,929	1/4	13,594	1/4	24,290	1/4	34,961	1/4	45,658	1/4	56,354	1/4	67,051	1/4	77,748	1/4	88,444	1/4	99,139
1/2	3,148	1/2	13,816	1/2	24,512	1/2	35,184	1/2	45,881	1/2	56,577	1/2	67,274	1/2	77,971	1/2	88,667	1/2	99,362
3/4	3,366	3/4	14,039	3/4	24,734	3/4	35,407	3/4	46,103	3/4	56,800	3/4	67,497	3/4	78,194	3/4	88,890	3/4	99,585
7	3,584	7	14,262	7	24,957	7	35,629	7	46,326	7	57,023	7	67,720	7	78,417	7	89,112	7	99,807
1/4	3,805	1/4	14,485	1/4	25,179	1/4	35,852	1/4	46,549	1/4	57,246	1/4	67,943	1/4	78,639	1/4	89,335	1/4	100,030
1/2	4,025	1/2	14,708	1/2	25,402	1/2	36,075	1/2	46,772	1/2	57,469	1/2	68,166	1/2	78,862	1/2	89,558	1/2	100,253
3/4	4,246	3/4	14,931	3/4	25,624	3/4	36,298	3/4	46,995	3/4	57,692	3/4	68,388	3/4	79,085	3/4	89,781	3/4	100,476
8	4,466	8	15,153	8	25,847	8	36,521	8	47,218	8	57,914	8	68,611	8	79,308	8	90,004	8	100,699
1/4	4,687	1/4	15,376	1/4	26,069	1/4	36,744	1/4	47,440	1/4	58,137	1/4	68,834	1/4	79,531	1/4	90,226	1/4	100,921
1/2	4,909	1/2	15,599	1/2	26,291	1/2	36,967	1/2	47,663	1/2	58,360	1/2	69,057	1/2	79,754	1/2	90,449	1/2	101,144
3/4	5,130	3/4	15,822	3/4	26,513	3/4	37,189	3/4	47,886	3/4	58,583	3/4	69,280	3/4	79,977	3/4	90,672	3/4	101,367
9	5,352	9	16,045	9	26,735	9	37,412	9	48,109	9	58,806	9	69,503	9	80,199	9	90,895	9	101,590
1/4	5,574	1/4	16,268	1/4	26,958	1/4	37,635	1/4	48,332	1/4	59,029	1/4	69,725	1/4	80,422	1/4	91,118	1/4	101,813
1/2	5,796	1/2	16,490	1/2	27,180	1/2	37,858	1/2	48,555	1/2	59,252	1/2	69,948	1/2	80,645	1/2	91,340	1/2	102,035
3/4	6,018	3/4	16,713	3/4	27,402	3/4	38,081	3/4	48,778	3/4	59,474	3/4	70,171	3/4	80,868	3/4	91,563	3/4	102,258
10	6,241	10	16,936	10	27,624	10	38,304	10	49,000	10	59,697	10	70,394	10	81,091	10	91,786	10	102,481
1/4	6,463	1/4	17,159	1/4	27,846	1/4	38,526	1/4	49,223	1/4	59,920	1/4	70,617	1/4	81,314	1/4	92,009	1/4	102,704
1/2	6,686	1/2	17,382	1/2	28,068	1/2	38,749	1/2	49,446	1/2	60,143	1/2	70,840	1/2	81,536	1/2	92,232	1/2	102,927
3/4	6,909	3/4	17,605	3/4	28,290	3/4	38,972	3/4	49,669	3/4	60,366	3/4	71,063	3/4	81,759	3/4	92,455	3/4	103,150
11	7,131	11	17,827	11	28,513	11	39,195	11	49,892	11	60,589	11	71,285	11	81,982	11	92,677	11	103,372
1/4	7,354	1/4	18,050	1/4	28,735	1/4	39,418	1/4	50,115	1/4	60,811	1/4	71,508	1/4	82,205	1/4	92,900	1/4	103,595
1/2	7,577	1/2	18,273	1/2	28,957	1/2	39,641	1/2	50,338	1/2	61,034	1/2	71,731	1/2	82,428	1/2	93,123	1/2	103,818
3/4	7,800	3/4	18,496	3/4	29,179	3/4	39,864	3/4	50,560	3/4	61,257	3/4	71,954	3/4	82,651	3/4	93,346	3/4	104,041

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 ON CENTERLINE AND 24'-03" FORWARD OF AFT BULKHEAD

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



# BARGE "CBC 1388"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	104,264	0	114,959	0	125,654	0	136,290	0	146,893	0		0		0		0		0	
1/4	104,486	1/4	115,181	1/4	125,875	1/4	136,511	1/4	147,113	1/4		1/4		1/4		1/4		1/4	
1/2	104,709	1/2	115,404	1/2	126,097	1/2	136,733	1/2	147,333	1/2		1/2		1/2		1/2		1/2	
3/4	104,932	3/4	115,627	3/4	126,318	3/4	136,955	3/4	147,552	3/4		3/4		3/4		3/4		3/4	
1	105,155	1	115,850	1	126,540	1	137,176	1	147,772	1		1		1		1		1	
1/4	105,378	1/4	116,073	1/4	126,761	1/4	137,398	1/4	147,991	1/4		1/4		1/4		1/4		1/4	
1/2	105,600	1/2	116,295	1/2	126,983	1/2	137,619	1/2	148,211	1/2		1/2		1/2		1/2		1/2	
3/4	105,823	3/4	116,518	3/4	127,205	3/4	137,841	3/4	148,430	3/4		3/4		3/4		3/4		3/4	
2	106,046	2	116,741	2	127,426	2	138,063	2	148,650	2		2		2		2		2	
1/4	106,269	1/4	116,964	1/4	127,648	1/4	138,284	1/4	148,851	1/4		1/4		1/4		1/4		1/4	
1/2	106,492	1/2	117,187	1/2	127,869	1/2	138,506	1/2	149,052	1/2		1/2		1/2		1/2		1/2	
3/4	106,714	3/4	117,409	3/4	128,091	3/4	138,727	3/4	149,253	3/4		3/4		3/4		3/4		3/4	
3	106,937	3	117,632	3	128,313	3	138,949	3	149,454	3		3		3		3		3	
1/4	107,160	1/4	117,855	1/4	128,534	1/4	139,171	1/4	149,618	1/4		1/4		1/4		1/4		1/4	
1/2	107,383	1/2	118,078	1/2	128,756	1/2	139,392	1/2	149,781	1/2		1/2		1/2		1/2		1/2	
3/4	107,606	3/4	118,301	3/4	128,977	3/4	139,614	3/4	149,945	3/4		3/4		3/4		3/4		3/4	
4	107,829	4	118,524	4	129,199	4	139,835	4	150,109	4		4		4		4		4	
1/4	108,051	1/4	118,746	1/4	129,421	1/4	140,057	1/4	150,236	1/4		1/4		1/4		1/4		1/4	
1/2	108,274	1/2	118,969	1/2	129,642	1/2	140,279	1/2	150,362	1/2		1/2		1/2		1/2		1/2	
3/4	108,497	3/4	119,192	3/4	129,864	3/4	140,500	3/4	150,489	3/4		3/4		3/4		3/4		3/4	
5	108,720	5	119,415	5	130,085	5	140,722	5	150,616	5		5		5		5		5	
1/4	108,943	1/4	119,638	1/4	130,307	1/4	140,943	1/4	150,705	1/4		1/4		1/4		1/4		1/4	
1/2	109,165	1/2	119,860	1/2	130,529	1/2	141,165	1/2	150,795	1/2		1/2		1/2		1/2		1/2	
3/4	109,388	3/4	120,083	3/4	130,750	3/4	141,386	3/4	150,884	3/4		3/4		3/4		3/4		3/4	
6	109,611	6	120,306	6	130,972	6	141,608	6	150,974	6		6		6		6		6	
1/4	109,834	1/4	120,529	1/4	131,193	1/4	141,830	1/4	151,026	1/4		1/4		1/4		1/4		1/4	
1/2	110,057	1/2	120,752	1/2	131,415	1/2	142,051	1/2	151,079	1/2		1/2		1/2		1/2		1/2	
3/4	110,279	3/4	120,974	3/4	131,636	3/4	142,273	3/4	151,131	3/4		3/4		3/4		3/4		3/4	
7	110,502	7	121,197	7	131,858	7	142,494	7	151,184	7		7		7		7		7	
1/4	110,725	1/4	121,420	1/4	132,080	1/4	142,716	1/4	151,199	1/4		1/4		1/4		1/4		1/4	
1/2	110,948	1/2	121,643	1/2	132,301	1/2	142,938	1/2	151,214	1/2		1/2		1/2		1/2		1/2	
3/4	111,171	3/4	121,866	3/4	132,523	3/4	143,159	3/4	151,229	3/4		3/4		3/4		3/4		3/4	
8	111,394	8	122,089	8	132,744	8	143,381	8	151,245	8		8		8		8		8	
1/4	111,616	1/4	122,311	1/4	132,966	1/4	143,600	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,839	1/2	122,534	1/2	133,188	1/2	143,820	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,062	3/4	122,757	3/4	133,409	3/4	144,039	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,285	9	122,980	9	133,631	9	144,259	9		9		9		9		9		9	
1/4	112,508	1/4	123,203	1/4	133,852	1/4	144,478	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,730	1/2	123,425	1/2	134,074	1/2	144,698	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,953	3/4	123,648	3/4	134,296	3/4	144,918	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,176	10	123,871	10	134,517	10	145,137	10		10		10		10		10		10	
1/4	113,399	1/4	124,094	1/4	134,739	1/4	145,357	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,622	1/2	124,317	1/2	134,960	1/2	145,576	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,844	3/4	124,539	3/4	135,182	3/4	145,796	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,067	11	124,762	11	135,404	11	146,015	11		11		11		11		11		11	
1/4	114,290	1/4	124,985	1/4	135,625	1/4	146,235	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,513	1/2	125,208	1/2	135,847	1/2	146,454	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,736	3/4	125,431	3/4	136,068	3/4	146,674	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 SW  
CALCULATED: 11/20/2015 CL  
PRINTED: 11/20/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2015

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



# BARGE "CBC 1388"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	39	0	9,036	0	21,090	0	32,997	0	44,905	0	56,959	0	69,014	0	81,068	0	93,122	0	105,175
1/4	60	1/4	9,287	1/4	21,341	1/4	33,241	1/4	45,156	1/4	57,210	1/4	69,265	1/4	81,319	1/4	93,373	1/4	105,426
1/2	81	1/2	9,538	1/2	21,592	1/2	33,485	1/2	45,407	1/2	57,462	1/2	69,516	1/2	81,570	1/2	93,625	1/2	105,677
3/4	102	3/4	9,789	3/4	21,843	3/4	33,728	3/4	45,658	3/4	57,713	3/4	69,767	3/4	81,821	3/4	93,876	3/4	105,928
1	123	1	10,040	1	22,094	1	33,972	1	45,909	1	57,964	1	70,018	1	82,073	1	94,127	1	106,179
1/4	186	1/4	10,291	1/4	22,345	1/4	34,216	1/4	46,161	1/4	58,215	1/4	70,269	1/4	82,324	1/4	94,378	1/4	106,430
1/2	248	1/2	10,542	1/2	22,596	1/2	34,460	1/2	46,412	1/2	58,466	1/2	70,520	1/2	82,575	1/2	94,629	1/2	106,681
3/4	311	3/4	10,794	3/4	22,848	3/4	34,703	3/4	46,663	3/4	58,717	3/4	70,772	3/4	82,826	3/4	94,880	3/4	106,932
2	374	2	11,045	2	23,099	2	34,947	2	46,914	2	58,968	2	71,023	2	83,077	2	95,131	2	107,183
1/4	479	1/4	11,296	1/4	23,350	1/4	35,191	1/4	47,165	1/4	59,219	1/4	71,274	1/4	83,328	1/4	95,382	1/4	107,435
1/2	583	1/2	11,547	1/2	23,601	1/2	35,434	1/2	47,416	1/2	59,471	1/2	71,525	1/2	83,579	1/2	95,633	1/2	107,686
3/4	688	3/4	11,798	3/4	23,852	3/4	35,678	3/4	47,667	3/4	59,722	3/4	71,776	3/4	83,830	3/4	95,884	3/4	107,937
3	793	3	12,049	3	24,103	3	35,922	3	47,918	3	59,973	3	72,027	3	84,082	3	96,135	3	108,188
1/4	939	1/4	12,300	1/4	24,354	1/4	36,166	1/4	48,170	1/4	60,224	1/4	72,278	1/4	84,333	1/4	96,387	1/4	108,439
1/2	1,085	1/2	12,551	1/2	24,605	1/2	36,409	1/2	48,421	1/2	60,475	1/2	72,529	1/2	84,584	1/2	96,638	1/2	108,690
3/4	1,232	3/4	12,803	3/4	24,857	3/4	36,653	3/4	48,672	3/4	60,726	3/4	72,781	3/4	84,835	3/4	96,889	3/4	108,941
4	1,378	4	13,054	4	25,108	4	36,897	4	48,923	4	60,977	4	73,032	4	85,086	4	97,140	4	109,192
1/4	1,567	1/4	13,305	1/4	25,359	1/4	37,141	1/4	49,174	1/4	61,229	1/4	73,283	1/4	85,337	1/4	97,391	1/4	109,443
1/2	1,755	1/2	13,556	1/2	25,610	1/2	37,385	1/2	49,425	1/2	61,480	1/2	73,534	1/2	85,588	1/2	97,642	1/2	109,694
3/4	1,943	3/4	13,807	3/4	25,861	3/4	37,629	3/4	49,676	3/4	61,731	3/4	73,785	3/4	85,840	3/4	97,893	3/4	109,945
5	2,132	5	14,058	5	26,112	5	37,873	5	49,928	5	61,982	5	74,036	5	86,091	5	98,144	5	110,196
1/4	2,361	1/4	14,309	1/4	26,363	1/4	38,124	1/4	50,179	1/4	62,233	1/4	74,287	1/4	86,342	1/4	98,395	1/4	110,448
1/2	2,591	1/2	14,560	1/2	26,614	1/2	38,375	1/2	50,430	1/2	62,484	1/2	74,539	1/2	86,593	1/2	98,646	1/2	110,699
3/4	2,820	3/4	14,812	3/4	26,866	3/4	38,627	3/4	50,681	3/4	62,735	3/4	74,790	3/4	86,844	3/4	98,897	3/4	110,950
6	3,050	6	15,063	6	27,117	6	38,878	6	50,932	6	62,986	6	75,041	6	87,095	6	99,149	6	111,201
1/4	3,296	1/4	15,314	1/4	27,368	1/4	39,129	1/4	51,183	1/4	63,238	1/4	75,292	1/4	87,346	1/4	99,400	1/4	111,452
1/2	3,542	1/2	15,565	1/2	27,619	1/2	39,380	1/2	51,434	1/2	63,489	1/2	75,543	1/2	87,597	1/2	99,651	1/2	111,703
3/4	3,788	3/4	15,816	3/4	27,870	3/4	39,631	3/4	51,685	3/4	63,740	3/4	75,794	3/4	87,849	3/4	99,902	3/4	111,954
7	4,034	7	16,067	7	28,121	7	39,882	7	51,937	7	63,991	7	76,045	7	88,100	7	100,153	7	112,205
1/4	4,283	1/4	16,318	1/4	28,365	1/4	40,133	1/4	52,188	1/4	64,242	1/4	76,296	1/4	88,351	1/4	100,404	1/4	112,456
1/2	4,531	1/2	16,569	1/2	28,609	1/2	40,384	1/2	52,439	1/2	64,493	1/2	76,548	1/2	88,602	1/2	100,655	1/2	112,707
3/4	4,779	3/4	16,821	3/4	28,853	3/4	40,636	3/4	52,690	3/4	64,744	3/4	76,799	3/4	88,853	3/4	100,906	3/4	112,958
8	5,028	8	17,072	8	29,097	8	40,887	8	52,941	8	64,996	8	77,050	8	89,104	8	101,157	8	113,210
1/4	5,277	1/4	17,323	1/4	29,341	1/4	41,138	1/4	53,192	1/4	65,247	1/4	77,301	1/4	89,355	1/4	101,408	1/4	113,461
1/2	5,527	1/2	17,574	1/2	29,585	1/2	41,389	1/2	53,443	1/2	65,498	1/2	77,552	1/2	89,607	1/2	101,659	1/2	113,712
3/4	5,776	3/4	17,825	3/4	29,829	3/4	41,640	3/4	53,695	3/4	65,749	3/4	77,803	3/4	89,858	3/4	101,911	3/4	113,963
9	6,026	9	18,076	9	30,072	9	41,891	9	53,946	9	66,000	9	78,054	9	90,109	9	102,162	9	114,214
1/4	6,276	1/4	18,327	1/4	30,316	1/4	42,142	1/4	54,197	1/4	66,251	1/4	78,306	1/4	90,360	1/4	102,413	1/4	114,465
1/2	6,527	1/2	18,578	1/2	30,560	1/2	42,394	1/2	54,448	1/2	66,502	1/2	78,557	1/2	90,611	1/2	102,664	1/2	114,716
3/4	6,777	3/4	18,830	3/4	30,804	3/4	42,645	3/4	54,699	3/4	66,753	3/4	78,808	3/4	90,862	3/4	102,915	3/4	114,967
10	7,028	10	19,081	10	31,047	10	42,896	10	54,950	10	67,005	10	79,059	10	91,113	10	103,166	10	115,218
1/4	7,279	1/4	19,332	1/4	31,291	1/4	43,147	1/4	55,201	1/4	67,256	1/4	79,310	1/4	91,364	1/4	103,417	1/4	115,469
1/2	7,530	1/2	19,583	1/2	31,535	1/2	43,398	1/2	55,452	1/2	67,507	1/2	79,561	1/2	91,616	1/2	103,668	1/2	115,720
3/4	7,780	3/4	19,834	3/4	31,778	3/4	43,649	3/4	55,704	3/4	67,758	3/4	79,812	3/4	91,867	3/4	103,919	3/4	115,971
11	8,031	11	20,085	11	32,022	11	43,900	11	55,955	11	68,009	11	80,063	11	92,118	11	104,170	11	116,223
1/4	8,282	1/4	20,336	1/4	32,266	1/4	44,151	1/4	56,206	1/4	68,260	1/4	80,315	1/4	92,369	1/4	104,421	1/4	116,474
1/2	8,534	1/2	20,587	1/2	32,510	1/2	44,403	1/2	56,457	1/2	68,511	1/2	80,566	1/2	92,620	1/2	104,673	1/2	116,725
3/4	8,785	3/4	20,839	3/4	32,753	3/4	44,654	3/4	56,708	3/4	68,763	3/4	80,817	3/4	92,871	3/4	104,924	3/4	116,976

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 ON CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD

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



# BARGE "CBC 1388"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	117,227	0	129,279	0	141,332	0	153,317	0	165,265	0		0		0		0		0	
1/4	117,478	1/4	129,530	1/4	141,581	1/4	153,567	1/4	165,513	1/4		1/4		1/4		1/4		1/4	
1/2	117,729	1/2	129,781	1/2	141,831	1/2	153,816	1/2	165,760	1/2		1/2		1/2		1/2		1/2	
3/4	117,980	3/4	130,033	3/4	142,081	3/4	154,066	3/4	166,007	3/4		3/4		3/4		3/4		3/4	
1	118,231	1	130,284	1	142,330	1	154,316	1	166,255	1		1		1		1		1	
1/4	118,482	1/4	130,535	1/4	142,580	1/4	154,565	1/4	166,502	1/4		1/4		1/4		1/4		1/4	
1/2	118,734	1/2	130,786	1/2	142,830	1/2	154,815	1/2	166,750	1/2		1/2		1/2		1/2		1/2	
3/4	118,985	3/4	131,037	3/4	143,079	3/4	155,065	3/4	166,997	3/4		3/4		3/4		3/4		3/4	
2	119,236	2	131,288	2	143,329	2	155,314	2	167,244	2		2		2		2		2	
1/4	119,487	1/4	131,539	1/4	143,579	1/4	155,564	1/4	167,471	1/4		1/4		1/4		1/4		1/4	
1/2	119,738	1/2	131,790	1/2	143,829	1/2	155,814	1/2	167,697	1/2		1/2		1/2		1/2		1/2	
3/4	119,989	3/4	132,041	3/4	144,078	3/4	156,064	3/4	167,924	3/4		3/4		3/4		3/4		3/4	
3	120,240	3	132,292	3	144,328	3	156,313	3	168,150	3		3		3		3		3	
1/4	120,491	1/4	132,543	1/4	144,578	1/4	156,563	1/4	168,335	1/4		1/4		1/4		1/4		1/4	
1/2	120,742	1/2	132,795	1/2	144,827	1/2	156,813	1/2	168,519	1/2		1/2		1/2		1/2		1/2	
3/4	120,993	3/4	133,046	3/4	145,077	3/4	157,062	3/4	168,704	3/4		3/4		3/4		3/4		3/4	
4	121,244	4	133,297	4	145,327	4	157,312	4	168,889	4		4		4		4		4	
1/4	121,496	1/4	133,548	1/4	145,576	1/4	157,562	1/4	169,031	1/4		1/4		1/4		1/4		1/4	
1/2	121,747	1/2	133,799	1/2	145,826	1/2	157,811	1/2	169,174	1/2		1/2		1/2		1/2		1/2	
3/4	121,998	3/4	134,050	3/4	146,076	3/4	158,061	3/4	169,317	3/4		3/4		3/4		3/4		3/4	
5	122,249	5	134,301	5	146,325	5	158,311	5	169,460	5		5		5		5		5	
1/4	122,500	1/4	134,552	1/4	146,575	1/4	158,560	1/4	169,561	1/4		1/4		1/4		1/4		1/4	
1/2	122,751	1/2	134,803	1/2	146,825	1/2	158,810	1/2	169,661	1/2		1/2		1/2		1/2		1/2	
3/4	123,002	3/4	135,054	3/4	147,075	3/4	159,060	3/4	169,762	3/4		3/4		3/4		3/4		3/4	
6	123,253	6	135,305	6	147,324	6	159,310	6	169,863	6		6		6		6		6	
1/4	123,504	1/4	135,557	1/4	147,574	1/4	159,559	1/4	169,922	1/4		1/4		1/4		1/4		1/4	
1/2	123,755	1/2	135,808	1/2	147,824	1/2	159,809	1/2	169,981	1/2		1/2		1/2		1/2		1/2	
3/4	124,006	3/4	136,059	3/4	148,073	3/4	160,059	3/4	170,040	3/4		3/4		3/4		3/4		3/4	
7	124,258	7	136,310	7	148,323	7	160,308	7	170,099	7		7		7		7		7	
1/4	124,509	1/4	136,561	1/4	148,573	1/4	160,558	1/4	170,117	1/4		1/4		1/4		1/4		1/4	
1/2	124,760	1/2	136,812	1/2	148,822	1/2	160,808	1/2	170,134	1/2		1/2		1/2		1/2		1/2	
3/4	125,011	3/4	137,063	3/4	149,072	3/4	161,057	3/4	170,151	3/4		3/4		3/4		3/4		3/4	
8	125,262	8	137,314	8	149,322	8	161,307	8	170,168	8		8		8		8		8	
1/4	125,513	1/4	137,565	1/4	149,572	1/4	161,555	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,764	1/2	137,816	1/2	149,821	1/2	161,802	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,015	3/4	138,067	3/4	150,071	3/4	162,049	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,266	9	138,319	9	150,321	9	162,297	9		9		9		9		9		9	
1/4	126,517	1/4	138,570	1/4	150,570	1/4	162,544	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,768	1/2	138,821	1/2	150,820	1/2	162,791	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,020	3/4	139,072	3/4	151,070	3/4	163,039	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,271	10	139,323	10	151,319	10	163,286	10		10		10		10		10		10	
1/4	127,522	1/4	139,574	1/4	151,569	1/4	163,534	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,773	1/2	139,825	1/2	151,819	1/2	163,781	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,024	3/4	140,076	3/4	152,068	3/4	164,028	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,275	11	140,327	11	152,318	11	164,276	11		11		11		11		11		11	
1/4	128,526	1/4	140,578	1/4	152,568	1/4	164,523	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,777	1/2	140,829	1/2	152,818	1/2	164,771	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,028	3/4	141,081	3/4	153,067	3/4	165,018	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 SW  
CALCULATED: 11/20/2015 CL  
PRINTED: 11/20/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2015

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



# BARGE "CBC 1388"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	39	0	8,080	0	18,854	0	29,478	0	40,131	0	50,877	0	61,623	0	72,346	0	83,071	0	93,820
1/4	58	1/4	8,305	1/4	19,078	1/4	29,696	1/4	40,355	1/4	51,101	1/4	61,847	1/4	72,568	1/4	83,295	1/4	94,044
1/2	77	1/2	8,529	1/2	19,303	1/2	29,914	1/2	40,579	1/2	51,325	1/2	62,071	1/2	72,791	1/2	83,518	1/2	94,268
3/4	95	3/4	8,753	3/4	19,527	3/4	30,132	3/4	40,803	3/4	51,549	3/4	62,295	3/4	73,013	3/4	83,742	3/4	94,492
1	114	1	8,978	1	19,752	1	30,350	1	41,026	1	51,772	1	62,519	1	73,236	1	83,966	1	94,716
1/4	170	1/4	9,202	1/4	19,976	1/4	30,568	1/4	41,250	1/4	51,996	1/4	62,742	1/4	73,459	1/4	84,190	1/4	94,940
1/2	226	1/2	9,427	1/2	20,201	1/2	30,786	1/2	41,474	1/2	52,220	1/2	62,966	1/2	73,681	1/2	84,414	1/2	95,164
3/4	282	3/4	9,651	3/4	20,425	3/4	31,004	3/4	41,698	3/4	52,444	3/4	63,190	3/4	73,904	3/4	84,638	3/4	95,388
2	339	2	9,876	2	20,650	2	31,222	2	41,922	2	52,668	2	63,414	2	74,126	2	84,862	2	95,612
1/4	432	1/4	10,100	1/4	20,874	1/4	31,440	1/4	42,146	1/4	52,892	1/4	63,638	1/4	74,349	1/4	85,086	1/4	95,835
1/2	526	1/2	10,325	1/2	21,099	1/2	31,658	1/2	42,370	1/2	53,116	1/2	63,862	1/2	74,571	1/2	85,310	1/2	96,059
3/4	619	3/4	10,549	3/4	21,323	3/4	31,877	3/4	42,594	3/4	53,340	3/4	64,086	3/4	74,794	3/4	85,534	3/4	96,283
3	713	3	10,774	3	21,547	3	32,095	3	42,817	3	53,563	3	64,310	3	75,016	3	85,758	3	96,507
1/4	844	1/4	10,998	1/4	21,772	1/4	32,313	1/4	43,041	1/4	53,787	1/4	64,533	1/4	75,239	1/4	85,982	1/4	96,731
1/2	974	1/2	11,222	1/2	21,996	1/2	32,531	1/2	43,265	1/2	54,011	1/2	64,757	1/2	75,461	1/2	86,206	1/2	96,955
3/4	1,105	3/4	11,447	3/4	22,221	3/4	32,749	3/4	43,489	3/4	54,235	3/4	64,981	3/4	75,684	3/4	86,430	3/4	97,179
4	1,236	4	11,671	4	22,445	4	32,967	4	43,713	4	54,459	4	65,205	4	75,906	4	86,654	4	97,403
1/4	1,405	1/4	11,896	1/4	22,670	1/4	33,191	1/4	43,937	1/4	54,683	1/4	65,429	1/4	76,130	1/4	86,878	1/4	97,627
1/2	1,573	1/2	12,120	1/2	22,894	1/2	33,415	1/2	44,161	1/2	54,907	1/2	65,653	1/2	76,353	1/2	87,102	1/2	97,851
3/4	1,741	3/4	12,345	3/4	23,119	3/4	33,639	3/4	44,385	3/4	55,131	3/4	65,877	3/4	76,576	3/4	87,326	3/4	98,075
5	1,909	5	12,569	5	23,343	5	33,862	5	44,608	5	55,355	5	66,101	5	76,799	5	87,550	5	98,299
1/4	2,115	1/4	12,794	1/4	23,568	1/4	34,086	1/4	44,832	1/4	55,578	1/4	66,324	1/4	77,023	1/4	87,773	1/4	98,523
1/2	2,320	1/2	13,018	1/2	23,792	1/2	34,310	1/2	45,056	1/2	55,802	1/2	66,548	1/2	77,247	1/2	87,997	1/2	98,747
3/4	2,525	3/4	13,243	3/4	24,017	3/4	34,534	3/4	45,280	3/4	56,026	3/4	66,772	3/4	77,471	3/4	88,221	3/4	98,971
6	2,730	6	13,467	6	24,241	6	34,758	6	45,504	6	56,250	6	66,996	6	77,695	6	88,445	6	99,195
1/4	2,950	1/4	13,692	1/4	24,459	1/4	34,982	1/4	45,728	1/4	56,474	1/4	67,219	1/4	77,919	1/4	88,669	1/4	99,419
1/2	3,170	1/2	13,916	1/2	24,678	1/2	35,206	1/2	45,952	1/2	56,698	1/2	67,443	1/2	78,143	1/2	88,893	1/2	99,643
3/4	3,390	3/4	14,140	3/4	24,896	3/4	35,430	3/4	46,176	3/4	56,922	3/4	67,666	3/4	78,367	3/4	89,117	3/4	99,866
7	3,610	7	14,365	7	25,115	7	35,653	7	46,399	7	57,146	7	67,889	7	78,591	7	89,341	7	100,090
1/4	3,832	1/4	14,589	1/4	25,333	1/4	35,877	1/4	46,623	1/4	57,369	1/4	68,112	1/4	78,815	1/4	89,565	1/4	100,314
1/2	4,054	1/2	14,814	1/2	25,552	1/2	36,101	1/2	46,847	1/2	57,593	1/2	68,336	1/2	79,039	1/2	89,789	1/2	100,538
3/4	4,276	3/4	15,038	3/4	25,770	3/4	36,325	3/4	47,071	3/4	57,817	3/4	68,559	3/4	79,263	3/4	90,013	3/4	100,762
8	4,498	8	15,263	8	25,989	8	36,549	8	47,295	8	58,041	8	68,782	8	79,487	8	90,237	8	100,986
1/4	4,721	1/4	15,487	1/4	26,207	1/4	36,773	1/4	47,519	1/4	58,265	1/4	69,006	1/4	79,711	1/4	90,461	1/4	101,210
1/2	4,944	1/2	15,712	1/2	26,425	1/2	36,997	1/2	47,743	1/2	58,489	1/2	69,229	1/2	79,935	1/2	90,685	1/2	101,434
3/4	5,167	3/4	15,936	3/4	26,643	3/4	37,221	3/4	47,967	3/4	58,713	3/4	69,452	3/4	80,159	3/4	90,909	3/4	101,658
9	5,390	9	16,161	9	26,861	9	37,444	9	48,190	9	58,937	9	69,675	9	80,383	9	91,133	9	101,882
1/4	5,614	1/4	16,385	1/4	27,079	1/4	37,668	1/4	48,414	1/4	59,160	1/4	69,898	1/4	80,607	1/4	91,357	1/4	102,106
1/2	5,838	1/2	16,609	1/2	27,297	1/2	37,892	1/2	48,638	1/2	59,384	1/2	70,121	1/2	80,831	1/2	91,581	1/2	102,330
3/4	6,061	3/4	16,834	3/4	27,515	3/4	38,116	3/4	48,862	3/4	59,608	3/4	70,343	3/4	81,055	3/4	91,804	3/4	102,554
10	6,285	10	17,058	10	27,733	10	38,340	10	49,086	10	59,832	10	70,566	10	81,279	10	92,028	10	102,778
1/4	6,510	1/4	17,283	1/4	27,951	1/4	38,564	1/4	49,310	1/4	60,056	1/4	70,788	1/4	81,503	1/4	92,252	1/4	103,002
1/2	6,734	1/2	17,507	1/2	28,169	1/2	38,788	1/2	49,534	1/2	60,280	1/2	71,011	1/2	81,727	1/2	92,476	1/2	103,226
3/4	6,958	3/4	17,732	3/4	28,387	3/4	39,012	3/4	49,758	3/4	60,504	3/4	71,233	3/4	81,951	3/4	92,700	3/4	103,450
11	7,182	11	17,956	11	28,605	11	39,235	11	49,981	11	60,728	11	71,456	11	82,175	11	92,924	11	103,674
1/4	7,407	1/4	18,181	1/4	28,824	1/4	39,459	1/4	50,205	1/4	60,951	1/4	71,678	1/4	82,399	1/4	93,148	1/4	103,897
1/2	7,631	1/2	18,405	1/2	29,042	1/2	39,683	1/2	50,429	1/2	61,175	1/2	71,901	1/2	82,623	1/2	93,372	1/2	104,121
3/4	7,856	3/4	18,630	3/4	29,260	3/4	39,907	3/4	50,653	3/4	61,399	3/4	72,123	3/4	82,847	3/4	93,596	3/4	104,345

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 ON CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD

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



# BARGE "CBC 1388"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	104,569	0	114,656	0	124,103	0	133,508	0	142,896	0		0		0		0		0	
1/4	104,793	1/4	114,853	1/4	124,299	1/4	133,704	1/4	143,090	1/4		1/4		1/4		1/4		1/4	
1/2	105,017	1/2	115,050	1/2	124,495	1/2	133,900	1/2	143,285	1/2		1/2		1/2		1/2		1/2	
3/4	105,240	3/4	115,247	3/4	124,692	3/4	134,097	3/4	143,479	3/4		3/4		3/4		3/4		3/4	
1	105,464	1	115,443	1	124,888	1	134,293	1	143,673	1		1		1		1		1	
1/4	105,688	1/4	115,640	1/4	125,084	1/4	134,489	1/4	143,867	1/4		1/4		1/4		1/4		1/4	
1/2	105,911	1/2	115,837	1/2	125,281	1/2	134,685	1/2	144,061	1/2		1/2		1/2		1/2		1/2	
3/4	106,135	3/4	116,034	3/4	125,477	3/4	134,882	3/4	144,256	3/4		3/4		3/4		3/4		3/4	
2	106,359	2	116,231	2	125,673	2	135,078	2	144,450	2		2		2		2		2	
1/4	106,583	1/4	116,427	1/4	125,869	1/4	135,274	1/4	144,653	1/4		1/4		1/4		1/4		1/4	
1/2	106,806	1/2	116,624	1/2	126,066	1/2	135,470	1/2	144,856	1/2		1/2		1/2		1/2		1/2	
3/4	107,030	3/4	116,821	3/4	126,262	3/4	135,667	3/4	145,059	3/4		3/4		3/4		3/4		3/4	
3	107,254	3	117,018	3	126,458	3	135,863	3	145,262	3		3		3		3		3	
1/4	107,477	1/4	117,215	1/4	126,655	1/4	136,059	1/4	145,428	1/4		1/4		1/4		1/4		1/4	
1/2	107,701	1/2	117,412	1/2	126,851	1/2	136,256	1/2	145,594	1/2		1/2		1/2		1/2		1/2	
3/4	107,925	3/4	117,608	3/4	127,047	3/4	136,452	3/4	145,759	3/4		3/4		3/4		3/4		3/4	
4	108,148	4	117,805	4	127,243	4	136,648	4	145,925	4		4		4		4		4	
1/4	108,372	1/4	118,002	1/4	127,440	1/4	136,844	1/4	146,053	1/4		1/4		1/4		1/4		1/4	
1/2	108,596	1/2	118,199	1/2	127,636	1/2	137,041	1/2	146,182	1/2		1/2		1/2		1/2		1/2	
3/4	108,820	3/4	118,396	3/4	127,832	3/4	137,237	3/4	146,310	3/4		3/4		3/4		3/4		3/4	
5	109,043	5	118,592	5	128,029	5	137,433	5	146,438	5		5		5		5		5	
1/4	109,267	1/4	118,789	1/4	128,225	1/4	137,630	1/4	146,529	1/4		1/4		1/4		1/4		1/4	
1/2	109,491	1/2	118,986	1/2	128,421	1/2	137,826	1/2	146,620	1/2		1/2		1/2		1/2		1/2	
3/4	109,714	3/4	119,183	3/4	128,617	3/4	138,022	3/4	146,711	3/4		3/4		3/4		3/4		3/4	
6	109,938	6	119,380	6	128,814	6	138,218	6	146,802	6		6		6		6		6	
1/4	110,135	1/4	119,576	1/4	129,009	1/4	138,415	1/4	146,855	1/4		1/4		1/4		1/4		1/4	
1/2	110,331	1/2	119,773	1/2	129,205	1/2	138,611	1/2	146,909	1/2		1/2		1/2		1/2		1/2	
3/4	110,528	3/4	119,970	3/4	129,400	3/4	138,807	3/4	146,962	3/4		3/4		3/4		3/4		3/4	
7	110,724	7	120,167	7	129,596	7	139,004	7	147,015	7		7		7		7		7	
1/4	110,921	1/4	120,364	1/4	129,792	1/4	139,200	1/4	147,031	1/4		1/4		1/4		1/4		1/4	
1/2	111,118	1/2	120,560	1/2	129,987	1/2	139,396	1/2	147,048	1/2		1/2		1/2		1/2		1/2	
3/4	111,314	3/4	120,757	3/4	130,183	3/4	139,592	3/4	147,064	3/4		3/4		3/4		3/4		3/4	
8	111,511	8	120,954	8	130,378	8	139,789	8	147,080	8		8		8		8		8	
1/4	111,707	1/4	121,151	1/4	130,574	1/4	139,983	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,904	1/2	121,348	1/2	130,770	1/2	140,177	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,101	3/4	121,544	3/4	130,965	3/4	140,371	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,297	9	121,741	9	131,161	9	140,566	9		9		9		9		9		9	
1/4	112,494	1/4	121,938	1/4	131,356	1/4	140,760	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,690	1/2	122,135	1/2	131,552	1/2	140,954	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,887	3/4	122,332	3/4	131,747	3/4	141,148	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,083	10	122,528	10	131,943	10	141,342	10		10		10		10		10		10	
1/4	113,280	1/4	122,725	1/4	132,139	1/4	141,537	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,477	1/2	122,922	1/2	132,334	1/2	141,731	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,673	3/4	123,119	3/4	132,530	3/4	141,925	3/4		3/4		3/4		3/4		3/4		3/4	
11	113,870	11	123,316	11	132,725	11	142,119	11		11		11		11		11		11	
1/4	114,066	1/4	123,512	1/4	132,921	1/4	142,313	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,263	1/2	123,709	1/2	133,116	1/2	142,508	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,460	3/4	123,906	3/4	133,312	3/4	142,702	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 SW  
CALCULATED: 11/20/2015 CL  
PRINTED: 11/20/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2015

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



# BARGE "CBC 1388"

## ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-5/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

November 20, 2015

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

<http://www.pmacorp.net>



# BARGE "CBC 1388"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	0	0	0	0	151,214	0	142,938	0	132,301	0	121,643	0	110,948	0	100,253	0	89,558	0	78,862	
1/4	1/4	1/4	1/4	1/4	151,199	1/4	142,716	1/4	132,080	1/4	121,420	1/4	110,725	1/4	100,030	1/4	89,335	1/4	78,639	
1/2	1/2	1/2	1/2	1/2	151,184	1/2	142,494	1/2	131,858	1/2	121,197	1/2	110,502	1/2	99,807	1/2	89,112	1/2	78,417	
3/4	3/4	3/4	3/4	3/4	151,131	3/4	142,273	3/4	131,636	3/4	120,974	3/4	110,279	3/4	99,585	3/4	88,890	3/4	78,194	
1	1	1	1	1	151,079	1	142,051	1	131,415	1	120,752	1	110,057	1	99,362	1	88,667	1	77,971	
1/4	1/4	1/4	1/4	1/4	151,026	1/4	141,830	1/4	131,193	1/4	120,529	1/4	109,834	1/4	99,139	1/4	88,444	1/4	77,748	
1/2	1/2	1/2	1/2	1/2	150,974	1/2	141,608	1/2	130,972	1/2	120,306	1/2	109,611	1/2	98,916	1/2	88,221	1/2	77,525	
3/4	3/4	3/4	3/4	3/4	150,884	3/4	141,386	3/4	130,750	3/4	120,083	3/4	109,388	3/4	98,693	3/4	87,998	3/4	77,302	
2	2	2	2	2	150,795	2	141,165	2	130,529	2	119,860	2	109,165	2	98,470	2	87,775	2	77,079	
1/4	1/4	1/4	1/4	1/4	150,705	1/4	140,943	1/4	130,307	1/4	119,638	1/4	108,943	1/4	98,248	1/4	87,553	1/4	76,857	
1/2	1/2	1/2	1/2	1/2	150,616	1/2	140,722	1/2	130,085	1/2	119,415	1/2	108,720	1/2	98,025	1/2	87,330	1/2	76,634	
3/4	3/4	3/4	3/4	3/4	150,489	3/4	140,500	3/4	129,864	3/4	119,192	3/4	108,497	3/4	97,802	3/4	87,107	3/4	76,411	
3	3	3	3	3	150,362	3	140,279	3	129,642	3	118,969	3	108,274	3	97,579	3	86,884	3	76,188	
1/4	1/4	1/4	1/4	1/4	150,236	1/4	140,057	1/4	129,421	1/4	118,746	1/4	108,051	1/4	97,356	1/4	86,661	1/4	75,965	
1/2	1/2	1/2	1/2	1/2	150,109	1/2	139,835	1/2	129,199	1/2	118,524	1/2	107,829	1/2	97,134	1/2	86,439	1/2	75,742	
3/4	3/4	3/4	3/4	3/4	149,945	3/4	139,614	3/4	128,977	3/4	118,301	3/4	107,606	3/4	96,911	3/4	86,216	3/4	75,520	
4	4	4	4	4	149,781	4	139,392	4	128,756	4	118,078	4	107,383	4	96,688	4	85,993	4	75,297	
1/4	1/4	1/4	1/4	1/4	149,618	1/4	139,171	1/4	128,534	1/4	117,855	1/4	107,160	1/4	96,465	1/4	85,770	1/4	75,074	
1/2	1/2	1/2	1/2	1/2	149,454	1/2	138,949	1/2	128,313	1/2	117,632	1/2	106,937	1/2	96,242	1/2	85,547	1/2	74,851	
3/4	3/4	3/4	3/4	3/4	149,253	3/4	138,727	3/4	128,091	3/4	117,409	3/4	106,714	3/4	96,020	3/4	85,325	3/4	74,628	
5	5	5	5	5	149,052	5	138,506	5	127,869	5	117,187	5	106,492	5	95,797	5	85,102	5	74,405	
1/4	1/4	1/4	1/4	1/4	148,851	1/4	138,284	1/4	127,648	1/4	116,964	1/4	106,269	1/4	95,574	1/4	84,879	1/4	74,182	
1/2	1/2	1/2	1/2	1/2	148,650	1/2	138,063	1/2	127,426	1/2	116,741	1/2	106,046	1/2	95,351	1/2	84,656	1/2	73,960	
3/4	3/4	3/4	3/4	3/4	148,430	3/4	137,841	3/4	127,205	3/4	116,518	3/4	105,823	3/4	95,128	3/4	84,433	3/4	73,737	
6	6	6	6	6	148,211	6	137,619	6	126,983	6	116,295	6	105,600	6	94,905	6	84,210	6	73,514	
1/4	1/4	1/4	1/4	1/4	147,991	1/4	137,398	1/4	126,761	1/4	116,073	1/4	105,378	1/4	94,683	1/4	83,988	1/4	73,291	
1/2	1/2	1/2	1/2	1/2	147,772	1/2	137,176	1/2	126,540	1/2	115,850	1/2	105,155	1/2	94,460	1/2	83,765	1/2	73,068	
3/4	3/4	3/4	3/4	3/4	147,552	3/4	136,955	3/4	126,318	3/4	115,627	3/4	104,932	3/4	94,237	3/4	83,542	3/4	72,845	
7	7	7	7	7	147,333	7	136,733	7	126,097	7	115,404	7	104,709	7	94,014	7	83,319	7	72,622	
1/4	1/4	1/4	1/4	1/4	147,113	1/4	136,511	1/4	125,875	1/4	115,181	1/4	104,486	1/4	93,791	1/4	83,096	1/4	72,400	
1/2	1/2	1/2	1/2	1/2	146,893	1/2	136,290	1/2	125,654	1/2	114,959	1/2	104,264	1/2	93,569	1/2	82,874	1/2	72,177	
3/4	3/4	3/4	3/4	3/4	146,674	3/4	136,068	3/4	125,431	3/4	114,736	3/4	104,041	3/4	93,346	3/4	82,651	3/4	71,954	
8	8	8	8	8	146,454	8	135,847	8	125,208	8	114,513	8	103,818	8	93,123	8	82,428	8	71,731	
1/4	1/4	1/4	1/4	1/4	146,235	1/4	135,625	1/4	124,985	1/4	114,290	1/4	103,595	1/4	92,900	1/4	82,205	1/4	71,508	
1/2	1/2	1/2	1/2	1/2	146,015	1/2	135,404	1/2	124,762	1/2	114,067	1/2	103,372	1/2	92,677	1/2	81,982	1/2	71,285	
3/4	3/4	3/4	3/4	3/4	145,796	3/4	135,182	3/4	124,539	3/4	113,844	3/4	103,150	3/4	92,455	3/4	81,759	3/4	71,063	
9	9	9	9	9	145,576	9	134,960	9	124,317	9	113,622	9	102,927	9	92,232	9	81,536	9	70,840	
1/4	1/4	1/4	1/4	1/4	145,357	1/4	134,739	1/4	124,094	1/4	113,399	1/4	102,704	1/4	92,009	1/4	81,314	1/4	70,617	
1/2	1/2	1/2	1/2	1/2	145,137	1/2	134,517	1/2	123,871	1/2	113,176	1/2	102,481	1/2	91,786	1/2	81,091	1/2	70,394	
3/4	3/4	3/4	3/4	3/4	144,918	3/4	134,296	3/4	123,648	3/4	112,953	3/4	102,258	3/4	91,563	3/4	80,868	3/4	70,171	
10	10	10	10	10	144,698	10	134,074	10	123,425	10	112,730	10	102,035	10	91,340	10	80,645	10	69,948	
1/4	1/4	1/4	1/4	1/4	144,478	1/4	133,852	1/4	123,203	1/4	112,508	1/4	101,813	1/4	91,118	1/4	80,422	1/4	69,725	
1/2	1/2	1/2	1/2	1/2	144,259	1/2	133,631	1/2	122,980	1/2	112,285	1/2	101,590	1/2	90,895	1/2	80,199	1/2	69,503	
3/4	3/4	3/4	3/4	3/4	144,039	3/4	133,409	3/4	122,757	3/4	112,062	3/4	101,367	3/4	90,672	3/4	79,977	3/4	69,280	
11	11	11	11	11	143,820	11	133,188	11	122,534	11	111,839	11	101,144	11	90,449	11	79,754	11	69,057	
1/4	1/4	1/4	1/4	1/4	143,600	1/4	132,966	1/4	122,311	1/4	111,616	1/4	100,921	1/4	90,226	1/4	79,531	1/4	68,834	
1/2	1/2	1/2	1/2	151,245	1/2	143,381	1/2	132,744	1/2	122,089	1/2	111,394	1/2	100,699	1/2	90,004	1/2	79,308	1/2	68,611
3/4	3/4	3/4	3/4	151,229	3/4	143,159	3/4	132,523	3/4	121,866	3/4	111,171	3/4	100,476	3/4	89,781	3/4	79,085	3/4	68,388

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 ON CENTERLINE AND 24'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CBC 1388"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	68,166	0	57,469	0	46,772	0	36,075	0	25,402	0	14,708	0	4,025	0		0		0	
1/4	67,943	1/4	57,246	1/4	46,549	1/4	35,852	1/4	25,179	1/4	14,485	1/4	3,805	1/4		1/4		1/4	
1/2	67,720	1/2	57,023	1/2	46,326	1/2	35,629	1/2	24,957	1/2	14,262	1/2	3,584	1/2		1/2		1/2	
3/4	67,497	3/4	56,800	3/4	46,103	3/4	35,407	3/4	24,734	3/4	14,039	3/4	3,366	3/4		3/4		3/4	
1	67,274	1	56,577	1	45,881	1	35,184	1	24,512	1	13,816	1	3,148	1		1		1	
1/4	67,051	1/4	56,354	1/4	45,658	1/4	34,961	1/4	24,290	1/4	13,594	1/4	2,929	1/4		1/4		1/4	
1/2	66,828	1/2	56,132	1/2	45,435	1/2	34,738	1/2	24,067	1/2	13,371	1/2	2,711	1/2		1/2		1/2	
3/4	66,606	3/4	55,909	3/4	45,212	3/4	34,515	3/4	23,844	3/4	13,148	3/4	2,507	3/4		3/4		3/4	
2	66,383	2	55,686	2	44,989	2	34,292	2	23,621	2	12,925	2	2,303	2		2		2	
1/4	66,160	1/4	55,463	1/4	44,766	1/4	34,069	1/4	23,399	1/4	12,702	1/4	2,100	1/4		1/4		1/4	
1/2	65,937	1/2	55,240	1/2	44,543	1/2	33,847	1/2	23,176	1/2	12,479	1/2	1,896	1/2		1/2		1/2	
3/4	65,714	3/4	55,017	3/4	44,321	3/4	33,624	3/4	22,953	3/4	12,256	3/4	1,729	3/4		3/4		3/4	
3	65,491	3	54,795	3	44,098	3	33,401	3	22,730	3	12,034	3	1,562	3		3		3	
1/4	65,268	1/4	54,572	1/4	43,875	1/4	33,178	1/4	22,507	1/4	11,811	1/4	1,395	1/4		1/4		1/4	
1/2	65,046	1/2	54,349	1/2	43,652	1/2	32,955	1/2	22,284	1/2	11,588	1/2	1,228	1/2		1/2		1/2	
3/4	64,823	3/4	54,126	3/4	43,429	3/4	32,733	3/4	22,061	3/4	11,365	3/4	1,098	3/4		3/4		3/4	
4	64,600	4	53,903	4	43,206	4	32,511	4	21,839	4	11,142	4	968	4		4		4	
1/4	64,377	1/4	53,680	1/4	42,983	1/4	32,289	1/4	21,616	1/4	10,919	1/4	838	1/4		1/4		1/4	
1/2	64,154	1/2	53,457	1/2	42,761	1/2	32,067	1/2	21,393	1/2	10,697	1/2	708	1/2		1/2		1/2	
3/4	63,931	3/4	53,235	3/4	42,538	3/4	31,845	3/4	21,170	3/4	10,474	3/4	615	3/4		3/4		3/4	
5	63,709	5	53,012	5	42,315	5	31,622	5	20,947	5	10,251	5	522	5		5		5	
1/4	63,486	1/4	52,789	1/4	42,092	1/4	31,400	1/4	20,724	1/4	10,028	1/4	429	1/4		1/4		1/4	
1/2	63,263	1/2	52,566	1/2	41,869	1/2	31,178	1/2	20,502	1/2	9,805	1/2	336	1/2		1/2		1/2	
3/4	63,040	3/4	52,343	3/4	41,646	3/4	30,956	3/4	20,279	3/4	9,582	3/4	281	3/4		3/4		3/4	
6	62,817	6	52,120	6	41,424	6	30,734	6	20,056	6	9,360	6	225	6		6		6	
1/4	62,594	1/4	51,897	1/4	41,201	1/4	30,512	1/4	19,833	1/4	9,137	1/4	169	1/4		1/4		1/4	
1/2	62,371	1/2	51,675	1/2	40,978	1/2	30,290	1/2	19,610	1/2	8,914	1/2	113	1/2		1/2		1/2	
3/4	62,149	3/4	51,452	3/4	40,755	3/4	30,067	3/4	19,387	3/4	8,691	3/4	95	3/4		3/4		3/4	
7	61,926	7	51,229	7	40,532	7	29,845	7	19,165	7	8,468	7	76	7		7		7	
1/4	61,703	1/4	51,006	1/4	40,309	1/4	29,623	1/4	18,942	1/4	8,245	1/4	58	1/4		1/4		1/4	
1/2	61,480	1/2	50,783	1/2	40,086	1/2	29,401	1/2	18,719	1/2	8,022	1/2	39	1/2		1/2		1/2	
3/4	61,257	3/4	50,560	3/4	39,864	3/4	29,179	3/4	18,496	3/4	7,800	3/4		3/4		3/4		3/4	
8	61,034	8	50,338	8	39,641	8	28,957	8	18,273	8	7,577	8		8		8		8	
1/4	60,811	1/4	50,115	1/4	39,418	1/4	28,735	1/4	18,050	1/4	7,354	1/4		1/4		1/4		1/4	
1/2	60,589	1/2	49,892	1/2	39,195	1/2	28,513	1/2	17,827	1/2	7,131	1/2		1/2		1/2		1/2	
3/4	60,366	3/4	49,669	3/4	38,972	3/4	28,290	3/4	17,605	3/4	6,909	3/4		3/4		3/4		3/4	
9	60,143	9	49,446	9	38,749	9	28,068	9	17,382	9	6,686	9		9		9		9	
1/4	59,920	1/4	49,223	1/4	38,526	1/4	27,846	1/4	17,159	1/4	6,463	1/4		1/4		1/4		1/4	
1/2	59,697	1/2	49,000	1/2	38,304	1/2	27,624	1/2	16,936	1/2	6,241	1/2		1/2		1/2		1/2	
3/4	59,474	3/4	48,778	3/4	38,081	3/4	27,402	3/4	16,713	3/4	6,018	3/4		3/4		3/4		3/4	
10	59,252	10	48,555	10	37,858	10	27,180	10	16,490	10	5,796	10		10		10		10	
1/4	59,029	1/4	48,332	1/4	37,635	1/4	26,958	1/4	16,268	1/4	5,574	1/4		1/4		1/4		1/4	
1/2	58,806	1/2	48,109	1/2	37,412	1/2	26,735	1/2	16,045	1/2	5,352	1/2		1/2		1/2		1/2	
3/4	58,583	3/4	47,886	3/4	37,189	3/4	26,513	3/4	15,822	3/4	5,130	3/4		3/4		3/4		3/4	
11	58,360	11	47,663	11	36,967	11	26,291	11	15,599	11	4,909	11		11		11		11	
1/4	58,137	1/4	47,440	1/4	36,744	1/4	26,069	1/4	15,376	1/4	4,687	1/4		1/4		1/4		1/4	
1/2	57,914	1/2	47,218	1/2	36,521	1/2	25,847	1/2	15,153	1/2	4,466	1/2		1/2		1/2		1/2	
3/4	57,692	3/4	46,995	3/4	36,298	3/4	25,624	3/4	14,931	3/4	4,246	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 SW  
CALCULATED: 11/20/2015 CL  
PRINTED: 11/20/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2015

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



# BARGE "CBC 1388"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	0	0	0	0	170,117	0	160,558	0	148,573	0	136,561	0	124,509	0	112,456	0	100,404	0	88,351
1/4	1/4	1/4	1/4	1/4	170,099	1/4	160,308	1/4	148,323	1/4	136,310	1/4	124,258	1/4	112,205	1/4	100,153	1/4	88,100
1/2	1/2	1/2	1/2	1/2	170,040	1/2	160,059	1/2	148,073	1/2	136,059	1/2	124,006	1/2	111,954	1/2	99,902	1/2	87,849
3/4	3/4	3/4	3/4	3/4	169,981	3/4	159,809	3/4	147,824	3/4	135,808	3/4	123,755	3/4	111,703	3/4	99,651	3/4	87,597
1	1	1	1	1	169,922	1	159,559	1	147,574	1	135,557	1	123,504	1	111,452	1	99,400	1	87,346
1/4	1/4	1/4	1/4	1/4	169,863	1/4	159,310	1/4	147,324	1/4	135,305	1/4	123,253	1/4	111,201	1/4	99,149	1/4	87,095
1/2	1/2	1/2	1/2	1/2	169,762	1/2	159,060	1/2	147,075	1/2	135,054	1/2	123,002	1/2	110,950	1/2	98,897	1/2	86,844
3/4	3/4	3/4	3/4	3/4	169,661	3/4	158,810	3/4	146,825	3/4	134,803	3/4	122,751	3/4	110,699	3/4	98,646	3/4	86,593
2	2	2	2	2	169,561	2	158,560	2	146,575	2	134,552	2	122,500	2	110,448	2	98,395	2	86,342
1/4	1/4	1/4	1/4	1/4	169,460	1/4	158,311	1/4	146,325	1/4	134,301	1/4	122,249	1/4	110,196	1/4	98,144	1/4	86,091
1/2	1/2	1/2	1/2	1/2	169,317	1/2	158,061	1/2	146,076	1/2	134,050	1/2	121,998	1/2	109,945	1/2	97,893	1/2	85,840
3/4	3/4	3/4	3/4	3/4	169,174	3/4	157,811	3/4	145,826	3/4	133,799	3/4	121,747	3/4	109,694	3/4	97,642	3/4	85,588
3	3	3	3	3	169,031	3	157,562	3	145,576	3	133,548	3	121,496	3	109,443	3	97,391	3	85,337
1/4	1/4	1/4	1/4	1/4	168,889	1/4	157,312	1/4	145,327	1/4	133,297	1/4	121,244	1/4	109,192	1/4	97,140	1/4	85,086
1/2	1/2	1/2	1/2	1/2	168,704	1/2	157,062	1/2	145,077	1/2	133,046	1/2	120,993	1/2	108,941	1/2	96,889	1/2	84,835
3/4	3/4	3/4	3/4	3/4	168,519	3/4	156,813	3/4	144,827	3/4	132,795	3/4	120,742	3/4	108,690	3/4	96,638	3/4	84,584
4	4	4	4	4	168,335	4	156,563	4	144,578	4	132,543	4	120,491	4	108,439	4	96,387	4	84,333
1/4	1/4	1/4	1/4	1/4	168,150	1/4	156,313	1/4	144,328	1/4	132,292	1/4	120,240	1/4	108,188	1/4	96,135	1/4	84,082
1/2	1/2	1/2	1/2	1/2	167,924	1/2	156,064	1/2	144,078	1/2	132,041	1/2	119,989	1/2	107,937	1/2	95,884	1/2	83,830
3/4	3/4	3/4	3/4	3/4	167,697	3/4	155,814	3/4	143,829	3/4	131,790	3/4	119,738	3/4	107,686	3/4	95,633	3/4	83,579
5	5	5	5	5	167,471	5	155,564	5	143,579	5	131,539	5	119,487	5	107,435	5	95,382	5	83,328
1/4	1/4	1/4	1/4	1/4	167,244	1/4	155,314	1/4	143,329	1/4	131,288	1/4	119,236	1/4	107,183	1/4	95,131	1/4	83,077
1/2	1/2	1/2	1/2	1/2	166,997	1/2	155,065	1/2	143,079	1/2	131,037	1/2	118,985	1/2	106,932	1/2	94,880	1/2	82,826
3/4	3/4	3/4	3/4	3/4	166,750	3/4	154,815	3/4	142,830	3/4	130,786	3/4	118,734	3/4	106,681	3/4	94,629	3/4	82,575
6	6	6	6	6	166,502	6	154,565	6	142,580	6	130,535	6	118,482	6	106,430	6	94,378	6	82,324
1/4	1/4	1/4	1/4	1/4	166,255	1/4	154,316	1/4	142,330	1/4	130,284	1/4	118,231	1/4	106,179	1/4	94,127	1/4	82,073
1/2	1/2	1/2	1/2	1/2	166,007	1/2	154,066	1/2	142,081	1/2	130,033	1/2	117,980	1/2	105,928	1/2	93,876	1/2	81,821
3/4	3/4	3/4	3/4	3/4	165,760	3/4	153,816	3/4	141,831	3/4	129,781	3/4	117,729	3/4	105,677	3/4	93,625	3/4	81,570
7	7	7	7	7	165,513	7	153,567	7	141,581	7	129,530	7	117,478	7	105,426	7	93,373	7	81,319
1/4	1/4	1/4	1/4	1/4	165,265	1/4	153,317	1/4	141,332	1/4	129,279	1/4	117,227	1/4	105,175	1/4	93,122	1/4	81,068
1/2	1/2	1/2	1/2	1/2	165,018	1/2	153,067	1/2	141,081	1/2	129,028	1/2	116,976	1/2	104,924	1/2	92,871	1/2	80,817
3/4	3/4	3/4	3/4	3/4	164,771	3/4	152,818	3/4	140,829	3/4	128,777	3/4	116,725	3/4	104,673	3/4	92,620	3/4	80,566
8	8	8	8	8	164,523	8	152,568	8	140,578	8	128,526	8	116,474	8	104,421	8	92,369	8	80,315
1/4	1/4	1/4	1/4	1/4	164,276	1/4	152,318	1/4	140,327	1/4	128,275	1/4	116,223	1/4	104,170	1/4	92,118	1/4	80,063
1/2	1/2	1/2	1/2	1/2	164,028	1/2	152,068	1/2	140,076	1/2	128,024	1/2	115,972	1/2	103,919	1/2	91,867	1/2	79,812
3/4	3/4	3/4	3/4	3/4	163,781	3/4	151,819	3/4	139,825	3/4	127,773	3/4	115,720	3/4	103,668	3/4	91,616	3/4	79,561
9	9	9	9	9	163,534	9	151,569	9	139,574	9	127,522	9	115,469	9	103,417	9	91,364	9	79,310
1/4	1/4	1/4	1/4	1/4	163,286	1/4	151,319	1/4	139,323	1/4	127,271	1/4	115,218	1/4	103,166	1/4	91,113	1/4	79,059
1/2	1/2	1/2	1/2	1/2	163,039	1/2	151,070	1/2	139,072	1/2	127,020	1/2	114,967	1/2	102,915	1/2	90,862	1/2	78,808
3/4	3/4	3/4	3/4	3/4	162,791	3/4	150,820	3/4	138,821	3/4	126,768	3/4	114,716	3/4	102,664	3/4	90,611	3/4	78,557
10	10	10	10	10	162,544	10	150,570	10	138,570	10	126,517	10	114,465	10	102,413	10	90,360	10	78,306
1/4	1/4	1/4	1/4	1/4	162,297	1/4	150,321	1/4	138,319	1/4	126,266	1/4	114,214	1/4	102,162	1/4	90,109	1/4	78,054
1/2	1/2	1/2	1/2	1/2	162,049	1/2	150,071	1/2	138,067	1/2	126,015	1/2	113,963	1/2	101,911	1/2	89,858	1/2	77,803
3/4	3/4	3/4	3/4	3/4	161,802	3/4	149,821	3/4	137,816	3/4	125,764	3/4	113,712	3/4	101,659	3/4	89,607	3/4	77,552
11	11	11	11	11	161,555	11	149,572	11	137,565	11	125,513	11	113,461	11	101,408	11	89,355	11	77,301
1/4	1/4	1/4	1/4	1/4	170,168	1/4	161,307	1/4	149,322	1/4	137,314	1/4	125,262	1/4	113,210	1/4	101,157	1/4	89,104
1/2	1/2	1/2	1/2	1/2	170,151	1/2	161,057	1/2	149,072	1/2	137,063	1/2	125,011	1/2	112,958	1/2	100,906	1/2	88,853
3/4	3/4	3/4	3/4	3/4	170,134	3/4	160,808	3/4	148,822	3/4	136,812	3/4	124,760	3/4	112,707	3/4	100,655	3/4	88,602

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 ON CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CBC 1388"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	76,296	0	64,242	0	52,188	0	40,133	0	28,365	0	16,318	0	4,283	0					
1/4	76,045	1/4	63,991	1/4	51,937	1/4	39,882	1/4	28,121	1/4	16,067	1/4	4,034	1/4					
1/2	75,794	1/2	63,740	1/2	51,685	1/2	39,631	1/2	27,870	1/2	15,816	1/2	3,788	1/2					
3/4	75,543	3/4	63,489	3/4	51,434	3/4	39,380	3/4	27,619	3/4	15,565	3/4	3,542	3/4					
1	75,292	1	63,238	1	51,183	1	39,129	1	27,368	1	15,314	1	3,296	1					
1/4	75,041	1/4	62,986	1/4	50,932	1/4	38,878	1/4	27,117	1/4	15,063	1/4	3,050	1/4					
1/2	74,790	1/2	62,735	1/2	50,681	1/2	38,627	1/2	26,866	1/2	14,812	1/2	2,820	1/2					
3/4	74,539	3/4	62,484	3/4	50,430	3/4	38,375	3/4	26,614	3/4	14,560	3/4	2,591	3/4					
2	74,287	2	62,233	2	50,179	2	38,124	2	26,363	2	14,309	2	2,361	2					
1/4	74,036	1/4	61,982	1/4	49,928	1/4	37,873	1/4	26,112	1/4	14,058	1/4	2,132	1/4					
1/2	73,785	1/2	61,731	1/2	49,676	1/2	37,622	1/2	25,861	1/2	13,807	1/2	1,943	1/2					
3/4	73,534	3/4	61,480	3/4	49,425	3/4	37,385	3/4	25,610	3/4	13,556	3/4	1,755	3/4					
3	73,283	3	61,229	3	49,174	3	37,141	3	25,359	3	13,305	3	1,567	3					
1/4	73,032	1/4	60,977	1/4	48,923	1/4	36,897	1/4	25,108	1/4	13,054	1/4	1,378	1/4					
1/2	72,781	1/2	60,726	1/2	48,672	1/2	36,653	1/2	24,857	1/2	12,803	1/2	1,232	1/2					
3/4	72,529	3/4	60,475	3/4	48,421	3/4	36,409	3/4	24,605	3/4	12,551	3/4	1,085	3/4					
4	72,278	4	60,224	4	48,170	4	36,166	4	24,354	4	12,300	4	939	4					
1/4	72,027	1/4	59,973	1/4	47,918	1/4	35,922	1/4	24,103	1/4	12,049	1/4	793	1/4					
1/2	71,776	1/2	59,722	1/2	47,667	1/2	35,678	1/2	23,852	1/2	11,798	1/2	688	1/2					
3/4	71,525	3/4	59,471	3/4	47,416	3/4	35,434	3/4	23,601	3/4	11,547	3/4	583	3/4					
5	71,274	5	59,219	5	47,165	5	35,191	5	23,350	5	11,296	5	479	5					
1/4	71,023	1/4	58,968	1/4	46,914	1/4	34,947	1/4	23,099	1/4	11,045	1/4	374	1/4					
1/2	70,772	1/2	58,717	1/2	46,663	1/2	34,703	1/2	22,848	1/2	10,794	1/2	311	1/2					
3/4	70,520	3/4	58,466	3/4	46,412	3/4	34,460	3/4	22,596	3/4	10,542	3/4	248	3/4					
6	70,269	6	58,215	6	46,161	6	34,216	6	22,345	6	10,291	6	186	6					
1/4	70,018	1/4	57,964	1/4	45,909	1/4	33,972	1/4	22,094	1/4	10,040	1/4	123	1/4					
1/2	69,767	1/2	57,713	1/2	45,658	1/2	33,728	1/2	21,843	1/2	9,789	1/2	102	1/2					
3/4	69,516	3/4	57,462	3/4	45,407	3/4	33,485	3/4	21,592	3/4	9,538	3/4	81	3/4					
7	69,265	7	57,210	7	45,156	7	33,241	7	21,341	7	9,287	7	60	7					
1/4	69,014	1/4	56,959	1/4	44,905	1/4	32,997	1/4	21,090	1/4	9,036	1/4	39	1/4					
1/2	68,763	1/2	56,708	1/2	44,654	1/2	32,753	1/2	20,839	1/2	8,785	1/2		1/2					
3/4	68,511	3/4	56,457	3/4	44,403	3/4	32,510	3/4	20,587	3/4	8,534	3/4		3/4					
8	68,260	8	56,206	8	44,151	8	32,266	8	20,336	8	8,282	8		8					
1/4	68,009	1/4	55,955	1/4	43,900	1/4	32,022	1/4	20,085	1/4	8,031	1/4		1/4					
1/2	67,758	1/2	55,704	1/2	43,649	1/2	31,778	1/2	19,834	1/2	7,780	1/2		1/2					
3/4	67,507	3/4	55,452	3/4	43,398	3/4	31,535	3/4	19,583	3/4	7,530	3/4		3/4					
9	67,256	9	55,201	9	43,147	9	31,291	9	19,332	9	7,279	9		9					
1/4	67,005	1/4	54,950	1/4	42,896	1/4	31,047	1/4	19,081	1/4	7,028	1/4		1/4					
1/2	66,753	1/2	54,699	1/2	42,645	1/2	30,804	1/2	18,830	1/2	6,777	1/2		1/2					
3/4	66,502	3/4	54,448	3/4	42,394	3/4	30,560	3/4	18,578	3/4	6,527	3/4		3/4					
10	66,251	10	54,197	10	42,142	10	30,316	10	18,327	10	6,276	10		10					
1/4	66,000	1/4	53,946	1/4	41,891	1/4	30,072	1/4	18,076	1/4	6,026	1/4		1/4					
1/2	65,749	1/2	53,695	1/2	41,640	1/2	29,829	1/2	17,825	1/2	5,776	1/2		1/2					
3/4	65,498	3/4	53,443	3/4	41,389	3/4	29,585	3/4	17,574	3/4	5,527	3/4		3/4					
11	65,247	11	53,192	11	41,138	11	29,341	11	17,323	11	5,277	11		11					
1/4	64,996	1/4	52,941	1/4	40,887	1/4	29,097	1/4	17,072	1/4	5,028	1/4		1/4					
1/2	64,744	1/2	52,690	1/2	40,636	1/2	28,853	1/2	16,821	1/2	4,779	1/2		1/2					
3/4	64,493	3/4	52,439	3/4	40,384	3/4	28,609	3/4	16,569	3/4	4,531	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 SW  
CALCULATED: 11/20/2015 CL  
PRINTED: 11/20/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2015

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



# BARGE "CBC 1388"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	0	146,962	0	138,807	0	129,400	0	119,970	0	110,528	0	99,866	0	89,117	0	78,367
1/4	1/4	1/4	1/4	1/4	146,909	1/4	138,611	1/4	129,205	1/4	119,773	1/4	110,331	1/4	99,643	1/4	88,893	1/4	78,143
1/2	1/2	1/2	1/2	1/2	146,855	1/2	138,415	1/2	129,009	1/2	119,576	1/2	110,135	1/2	99,419	1/2	88,669	1/2	77,919
3/4	3/4	3/4	3/4	3/4	146,802	3/4	138,218	3/4	128,814	3/4	119,380	3/4	109,938	3/4	99,195	3/4	88,445	3/4	77,695
1	1	1	1	1	146,711	1	138,022	1	128,617	1	119,183	1	109,714	1	98,971	1	88,221	1	77,471
1/4	1/4	1/4	1/4	1/4	146,620	1/4	137,826	1/4	128,421	1/4	118,986	1/4	109,491	1/4	98,747	1/4	87,997	1/4	77,247
1/2	1/2	1/2	1/2	1/2	146,529	1/2	137,630	1/2	128,225	1/2	118,789	1/2	109,267	1/2	98,523	1/2	87,773	1/2	77,023
3/4	3/4	3/4	3/4	3/4	146,438	3/4	137,433	3/4	128,029	3/4	118,592	3/4	109,043	3/4	98,299	3/4	87,550	3/4	76,799
2	2	2	2	2	146,310	2	137,237	2	127,832	2	118,396	2	108,820	2	98,075	2	87,326	2	76,576
1/4	1/4	1/4	1/4	1/4	146,182	1/4	137,041	1/4	127,636	1/4	118,199	1/4	108,596	1/4	97,851	1/4	87,102	1/4	76,353
1/2	1/2	1/2	1/2	1/2	146,053	1/2	136,844	1/2	127,440	1/2	118,002	1/2	108,372	1/2	97,627	1/2	86,878	1/2	76,130
3/4	3/4	3/4	3/4	3/4	145,925	3/4	136,648	3/4	127,243	3/4	117,805	3/4	108,148	3/4	97,403	3/4	86,654	3/4	75,906
3	3	3	3	3	145,759	3	136,452	3	127,047	3	117,608	3	107,925	3	97,179	3	86,430	3	75,684
1/4	1/4	1/4	1/4	1/4	145,594	1/4	136,256	1/4	126,851	1/4	117,412	1/4	107,701	1/4	96,955	1/4	86,206	1/4	75,461
1/2	1/2	1/2	1/2	1/2	145,428	1/2	136,059	1/2	126,655	1/2	117,215	1/2	107,477	1/2	96,731	1/2	85,982	1/2	75,239
3/4	3/4	3/4	3/4	3/4	145,262	3/4	135,863	3/4	126,458	3/4	117,018	3/4	107,254	3/4	96,507	3/4	85,758	3/4	75,016
4	4	4	4	4	145,059	4	135,667	4	126,262	4	116,821	4	107,030	4	96,283	4	85,534	4	74,794
1/4	1/4	1/4	1/4	1/4	144,856	1/4	135,470	1/4	126,066	1/4	116,624	1/4	106,806	1/4	96,059	1/4	85,310	1/4	74,571
1/2	1/2	1/2	1/2	1/2	144,653	1/2	135,274	1/2	125,869	1/2	116,427	1/2	106,583	1/2	95,835	1/2	85,086	1/2	74,349
3/4	3/4	3/4	3/4	3/4	144,450	3/4	135,078	3/4	125,673	3/4	116,231	3/4	106,359	3/4	95,612	3/4	84,862	3/4	74,126
5	5	5	5	5	144,256	5	134,882	5	125,477	5	116,034	5	106,135	5	95,388	5	84,638	5	73,904
1/4	1/4	1/4	1/4	1/4	144,061	1/4	134,685	1/4	125,281	1/4	115,837	1/4	105,911	1/4	95,164	1/4	84,414	1/4	73,681
1/2	1/2	1/2	1/2	1/2	143,867	1/2	134,489	1/2	125,084	1/2	115,640	1/2	105,688	1/2	94,940	1/2	84,190	1/2	73,459
3/4	3/4	3/4	3/4	3/4	143,673	3/4	134,293	3/4	124,888	3/4	115,443	3/4	105,464	3/4	94,716	3/4	83,966	3/4	73,236
6	6	6	6	6	143,479	6	134,097	6	124,692	6	115,247	6	105,240	6	94,492	6	83,742	6	73,013
1/4	1/4	1/4	1/4	1/4	143,285	1/4	133,900	1/4	124,495	1/4	115,050	1/4	105,017	1/4	94,268	1/4	83,518	1/4	72,791
1/2	1/2	1/2	1/2	1/2	143,090	1/2	133,704	1/2	124,299	1/2	114,853	1/2	104,793	1/2	94,044	1/2	83,295	1/2	72,568
3/4	3/4	3/4	3/4	3/4	142,896	3/4	133,508	3/4	124,103	3/4	114,656	3/4	104,569	3/4	93,820	3/4	83,071	3/4	72,346
7	7	7	7	7	142,702	7	133,312	7	123,906	7	114,460	7	104,345	7	93,596	7	82,847	7	72,123
1/4	1/4	1/4	1/4	1/4	142,508	1/4	133,116	1/4	123,709	1/4	114,263	1/4	104,121	1/4	93,372	1/4	82,623	1/4	71,901
1/2	1/2	1/2	1/2	1/2	142,313	1/2	132,921	1/2	123,512	1/2	114,066	1/2	103,897	1/2	93,148	1/2	82,399	1/2	71,678
3/4	3/4	3/4	3/4	3/4	142,119	3/4	132,725	3/4	123,316	3/4	113,870	3/4	103,674	3/4	92,924	3/4	82,175	3/4	71,456
8	8	8	8	8	141,925	8	132,530	8	123,119	8	113,673	8	103,450	8	92,700	8	81,951	8	71,233
1/4	1/4	1/4	1/4	1/4	141,731	1/4	132,334	1/4	122,922	1/4	113,477	1/4	103,226	1/4	92,476	1/4	81,727	1/4	71,011
1/2	1/2	1/2	1/2	1/2	141,537	1/2	132,139	1/2	122,725	1/2	113,280	1/2	103,002	1/2	92,252	1/2	81,503	1/2	70,788
3/4	3/4	3/4	3/4	3/4	141,342	3/4	131,943	3/4	122,528	3/4	113,083	3/4	102,778	3/4	92,028	3/4	81,279	3/4	70,566
9	9	9	9	9	141,148	9	131,747	9	122,332	9	112,887	9	102,554	9	91,804	9	81,055	9	70,343
1/4	1/4	1/4	1/4	1/4	140,954	1/4	131,552	1/4	122,135	1/4	112,690	1/4	102,330	1/4	91,581	1/4	80,831	1/4	70,121
1/2	1/2	1/2	1/2	1/2	140,760	1/2	131,356	1/2	121,938	1/2	112,494	1/2	102,106	1/2	91,357	1/2	80,607	1/2	69,898
3/4	3/4	3/4	3/4	3/4	140,566	3/4	131,161	3/4	121,741	3/4	112,297	3/4	101,882	3/4	91,133	3/4	80,383	3/4	69,675
10	10	10	10	10	140,371	10	130,965	10	121,544	10	112,101	10	101,658	10	90,909	10	80,159	10	69,452
1/4	1/4	1/4	1/4	1/4	140,177	1/4	130,770	1/4	121,348	1/4	111,904	1/4	101,434	1/4	90,685	1/4	79,935	1/4	69,229
1/2	1/2	1/2	1/2	1/2	139,983	1/2	130,574	1/2	121,151	1/2	111,707	1/2	101,210	1/2	90,461	1/2	79,711	1/2	69,006
3/4	3/4	3/4	3/4	3/4	147,080	3/4	139,789	3/4	130,378	3/4	111,511	3/4	100,986	3/4	90,237	3/4	79,487	3/4	68,782
11	11	11	11	11	147,064	11	139,592	11	130,183	11	120,757	11	111,314	11	100,762	11	90,013	11	79,263
1/4	1/4	1/4	1/4	1/4	147,048	1/4	139,396	1/4	129,987	1/4	120,560	1/4	111,118	1/4	100,538	1/4	89,789	1/4	79,039
1/2	1/2	1/2	1/2	1/2	147,031	1/2	139,200	1/2	129,792	1/2	120,364	1/2	110,921	1/2	100,314	1/2	89,565	1/2	78,815
3/4	3/4	3/4	3/4	3/4	147,015	3/4	139,004	3/4	129,596	3/4	120,167	3/4	110,724	3/4	100,090	3/4	89,341	3/4	78,591

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 ON CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD

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



# BARGE "CBC 1388"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	67,666	0	56,922	0	46,176	0	35,430	0	24,896	0	14,140	0	3,390	0		0		0	
1/4	67,443	1/4	56,698	1/4	45,952	1/4	35,206	1/4	24,678	1/4	13,916	1/4	3,170	1/4		1/4		1/4	
1/2	67,219	1/2	56,474	1/2	45,728	1/2	34,982	1/2	24,459	1/2	13,692	1/2	2,950	1/2		1/2		1/2	
3/4	66,996	3/4	56,250	3/4	45,504	3/4	34,758	3/4	24,241	3/4	13,467	3/4	2,730	3/4		3/4		3/4	
1	66,772	1	56,026	1	45,280	1	34,534	1	24,017	1	13,243	1	2,525	1		1		1	
1/4	66,548	1/4	55,802	1/4	45,056	1/4	34,310	1/4	23,792	1/4	13,018	1/4	2,320	1/4		1/4		1/4	
1/2	66,324	1/2	55,578	1/2	44,832	1/2	34,086	1/2	23,568	1/2	12,794	1/2	2,115	1/2		1/2		1/2	
3/4	66,101	3/4	55,355	3/4	44,608	3/4	33,862	3/4	23,343	3/4	12,569	3/4	1,909	3/4		3/4		3/4	
2	65,877	2	55,131	2	44,385	2	33,639	2	23,119	2	12,345	2	1,741	2		2		2	
1/4	65,653	1/4	54,907	1/4	44,161	1/4	33,415	1/4	22,894	1/4	12,120	1/4	1,573	1/4		1/4		1/4	
1/2	65,429	1/2	54,683	1/2	43,937	1/2	33,191	1/2	22,670	1/2	11,896	1/2	1,405	1/2		1/2		1/2	
3/4	65,205	3/4	54,459	3/4	43,713	3/4	32,967	3/4	22,445	3/4	11,671	3/4	1,236	3/4		3/4		3/4	
3	64,981	3	54,235	3	43,489	3	32,749	3	22,221	3	11,447	3	1,105	3		3		3	
1/4	64,757	1/4	54,011	1/4	43,265	1/4	32,531	1/4	21,996	1/4	11,222	1/4	974	1/4		1/4		1/4	
1/2	64,533	1/2	53,787	1/2	43,041	1/2	32,313	1/2	21,772	1/2	10,998	1/2	844	1/2		1/2		1/2	
3/4	64,310	3/4	53,563	3/4	42,817	3/4	32,095	3/4	21,547	3/4	10,774	3/4	713	3/4		3/4		3/4	
4	64,086	4	53,340	4	42,594	4	31,877	4	21,323	4	10,549	4	619	4		4		4	
1/4	63,862	1/4	53,116	1/4	42,370	1/4	31,658	1/4	21,099	1/4	10,325	1/4	526	1/4		1/4		1/4	
1/2	63,638	1/2	52,892	1/2	42,146	1/2	31,440	1/2	20,874	1/2	10,100	1/2	432	1/2		1/2		1/2	
3/4	63,414	3/4	52,668	3/4	41,922	3/4	31,222	3/4	20,650	3/4	9,876	3/4	339	3/4		3/4		3/4	
5	63,190	5	52,444	5	41,698	5	31,004	5	20,425	5	9,651	5	282	5		5		5	
1/4	62,966	1/4	52,220	1/4	41,474	1/4	30,786	1/4	20,201	1/4	9,427	1/4	226	1/4		1/4		1/4	
1/2	62,742	1/2	51,996	1/2	41,250	1/2	30,568	1/2	19,976	1/2	9,202	1/2	170	1/2		1/2		1/2	
3/4	62,519	3/4	51,772	3/4	41,026	3/4	30,350	3/4	19,752	3/4	8,978	3/4	114	3/4		3/4		3/4	
6	62,295	6	51,549	6	40,803	6	30,132	6	19,527	6	8,753	6	95	6		6		6	
1/4	62,071	1/4	51,325	1/4	40,579	1/4	29,914	1/4	19,303	1/4	8,529	1/4	77	1/4		1/4		1/4	
1/2	61,847	1/2	51,101	1/2	40,355	1/2	29,696	1/2	19,078	1/2	8,305	1/2	58	1/2		1/2		1/2	
3/4	61,623	3/4	50,877	3/4	40,131	3/4	29,478	3/4	18,854	3/4	8,080	3/4	39	3/4		3/4		3/4	
7	61,399	7	50,653	7	39,907	7	29,260	7	18,630	7	7,856	7		7		7		7	
1/4	61,175	1/4	50,429	1/4	39,683	1/4	29,042	1/4	18,405	1/4	7,631	1/4		1/4		1/4		1/4	
1/2	60,951	1/2	50,205	1/2	39,459	1/2	28,824	1/2	18,181	1/2	7,407	1/2		1/2		1/2		1/2	
3/4	60,728	3/4	49,981	3/4	39,235	3/4	28,605	3/4	17,956	3/4	7,182	3/4		3/4		3/4		3/4	
8	60,504	8	49,758	8	39,012	8	28,387	8	17,732	8	6,958	8		8		8		8	
1/4	60,280	1/4	49,534	1/4	38,788	1/4	28,169	1/4	17,507	1/4	6,734	1/4		1/4		1/4		1/4	
1/2	60,056	1/2	49,310	1/2	38,564	1/2	27,951	1/2	17,283	1/2	6,510	1/2		1/2		1/2		1/2	
3/4	59,832	3/4	49,086	3/4	38,340	3/4	27,733	3/4	17,058	3/4	6,285	3/4		3/4		3/4		3/4	
9	59,608	9	48,862	9	38,116	9	27,515	9	16,834	9	6,061	9		9		9		9	
1/4	59,384	1/4	48,638	1/4	37,892	1/4	27,297	1/4	16,609	1/4	5,838	1/4		1/4		1/4		1/4	
1/2	59,160	1/2	48,414	1/2	37,668	1/2	27,079	1/2	16,385	1/2	5,614	1/2		1/2		1/2		1/2	
3/4	58,937	3/4	48,190	3/4	37,444	3/4	26,861	3/4	16,161	3/4	5,390	3/4		3/4		3/4		3/4	
10	58,713	10	47,967	10	37,221	10	26,643	10	15,936	10	5,167	10		10		10		10	
1/4	58,489	1/4	47,743	1/4	36,997	1/4	26,425	1/4	15,712	1/4	4,944	1/4		1/4		1/4		1/4	
1/2	58,265	1/2	47,519	1/2	36,773	1/2	26,207	1/2	15,487	1/2	4,721	1/2		1/2		1/2		1/2	
3/4	58,041	3/4	47,295	3/4	36,549	3/4	25,989	3/4	15,263	3/4	4,498	3/4		3/4		3/4		3/4	
11	57,817	11	47,071	11	36,325	11	25,770	11	15,038	11	4,276	11		11		11		11	
1/4	57,593	1/4	46,847	1/4	36,101	1/4	25,552	1/4	14,814	1/4	4,054	1/4		1/4		1/4		1/4	
1/2	57,369	1/2	46,623	1/2	35,877	1/2	25,333	1/2	14,589	1/2	3,832	1/2		1/2		1/2		1/2	
3/4	57,146	3/4	46,399	3/4	35,653	3/4	25,115	3/4	14,365	3/4	3,610	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 SW  
CALCULATED: 11/20/2015 CL  
PRINTED: 11/20/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2015

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