



# BARGE "CBC 1408"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	8,700	0	20,305	0	31,728	0	43,190	0	54,767	0	66,344	0	77,898	0	89,454	0	101,035
1/4	60	1/4	8,942	1/4	20,547	1/4	31,962	1/4	43,431	1/4	55,008	1/4	66,585	1/4	78,138	1/4	89,695	1/4	101,277
1/2	80	1/2	9,184	1/2	20,789	1/2	32,196	1/2	43,672	1/2	55,249	1/2	66,827	1/2	78,378	1/2	89,936	1/2	101,518
3/4	100	3/4	9,426	3/4	21,031	3/4	32,430	3/4	43,914	3/4	55,491	3/4	67,068	3/4	78,618	3/4	90,178	3/4	101,759
1	120	1	9,668	1	21,273	1	32,664	1	44,155	1	55,732	1	67,309	1	78,857	1	90,419	1	102,001
1/4	180	1/4	9,909	1/4	21,514	1/4	32,898	1/4	44,396	1/4	55,973	1/4	67,550	1/4	79,097	1/4	90,660	1/4	102,242
1/2	241	1/2	10,151	1/2	21,756	1/2	33,132	1/2	44,637	1/2	56,214	1/2	67,791	1/2	79,337	1/2	90,902	1/2	102,483
3/4	301	3/4	10,393	3/4	21,998	3/4	33,366	3/4	44,878	3/4	56,455	3/4	68,033	3/4	79,577	3/4	91,143	3/4	102,724
2	362	2	10,635	2	22,240	2	33,600	2	45,120	2	56,697	2	68,274	2	79,817	2	91,384	2	102,966
1/4	462	1/4	10,876	1/4	22,481	1/4	33,834	1/4	45,361	1/4	56,938	1/4	68,515	1/4	80,057	1/4	91,625	1/4	103,207
1/2	563	1/2	11,118	1/2	22,723	1/2	34,068	1/2	45,602	1/2	57,179	1/2	68,756	1/2	80,296	1/2	91,867	1/2	103,448
3/4	664	3/4	11,360	3/4	22,965	3/4	34,302	3/4	45,843	3/4	57,420	3/4	68,997	3/4	80,536	3/4	92,108	3/4	103,690
3	765	3	11,602	3	23,207	3	34,536	3	46,084	3	57,661	3	69,238	3	80,776	3	92,349	3	103,931
1/4	906	1/4	11,843	1/4	23,449	1/4	34,770	1/4	46,325	1/4	57,903	1/4	69,480	1/4	81,016	1/4	92,591	1/4	104,172
1/2	1,047	1/2	12,085	1/2	23,690	1/2	35,004	1/2	46,567	1/2	58,144	1/2	69,721	1/2	81,256	1/2	92,832	1/2	104,413
3/4	1,188	3/4	12,327	3/4	23,932	3/4	35,238	3/4	46,808	3/4	58,385	3/4	69,962	3/4	81,496	3/4	93,073	3/4	104,655
4	1,329	4	12,569	4	24,174	4	35,472	4	47,049	4	58,626	4	70,203	4	81,736	4	93,314	4	104,896
1/4	1,510	1/4	12,811	1/4	24,416	1/4	35,713	1/4	47,290	1/4	58,867	1/4	70,444	1/4	81,976	1/4	93,556	1/4	105,137
1/2	1,691	1/2	13,052	1/2	24,657	1/2	35,954	1/2	47,531	1/2	59,109	1/2	70,686	1/2	82,217	1/2	93,797	1/2	105,379
3/4	1,872	3/4	13,294	3/4	24,899	3/4	36,196	3/4	47,773	3/4	59,350	3/4	70,927	3/4	82,457	3/4	94,038	3/4	105,620
5	2,054	5	13,536	5	25,141	5	36,437	5	48,014	5	59,591	5	71,168	5	82,698	5	94,279	5	105,861
1/4	2,275	1/4	13,778	1/4	25,383	1/4	36,678	1/4	48,255	1/4	59,832	1/4	71,409	1/4	82,939	1/4	94,521	1/4	106,102
1/2	2,496	1/2	14,019	1/2	25,624	1/2	36,919	1/2	48,496	1/2	60,073	1/2	71,650	1/2	83,180	1/2	94,762	1/2	106,344
3/4	2,717	3/4	14,261	3/4	25,866	3/4	37,160	3/4	48,737	3/4	60,314	3/4	71,892	3/4	83,422	3/4	95,003	3/4	106,585
6	2,938	6	14,503	6	26,108	6	37,401	6	48,979	6	60,556	6	72,133	6	83,663	6	95,245	6	106,826
1/4	3,175	1/4	14,745	1/4	26,342	1/4	37,643	1/4	49,220	1/4	60,797	1/4	72,373	1/4	83,904	1/4	95,486	1/4	107,067
1/2	3,412	1/2	14,987	1/2	26,577	1/2	37,884	1/2	49,461	1/2	61,038	1/2	72,614	1/2	84,145	1/2	95,727	1/2	107,309
3/4	3,648	3/4	15,228	3/4	26,811	3/4	38,125	3/4	49,702	3/4	61,279	3/4	72,855	3/4	84,387	3/4	95,968	3/4	107,550
7	3,885	7	15,470	7	27,046	7	38,366	7	49,943	7	61,520	7	73,095	7	84,628	7	96,210	7	107,791
1/4	4,125	1/4	15,712	1/4	27,280	1/4	38,607	1/4	50,184	1/4	61,762	1/4	73,336	1/4	84,869	1/4	96,451	1/4	108,033
1/2	4,364	1/2	15,954	1/2	27,514	1/2	38,849	1/2	50,426	1/2	62,003	1/2	73,576	1/2	85,111	1/2	96,692	1/2	108,274
3/4	4,603	3/4	16,195	3/4	27,749	3/4	39,090	3/4	50,667	3/4	62,244	3/4	73,817	3/4	85,352	3/4	96,934	3/4	108,515
8	4,842	8	16,437	8	27,983	8	39,331	8	50,908	8	62,485	8	74,058	8	85,593	8	97,175	8	108,756
1/4	5,082	1/4	16,679	1/4	28,217	1/4	39,572	1/4	51,149	1/4	62,726	1/4	74,298	1/4	85,834	1/4	97,416	1/4	108,998
1/2	5,322	1/2	16,921	1/2	28,451	1/2	39,813	1/2	51,390	1/2	62,968	1/2	74,539	1/2	86,076	1/2	97,657	1/2	109,239
3/4	5,563	3/4	17,162	3/4	28,685	3/4	40,055	3/4	51,632	3/4	63,209	3/4	74,779	3/4	86,317	3/4	97,899	3/4	109,480
9	5,803	9	17,404	9	28,919	9	40,296	9	51,873	9	63,450	9	75,020	9	86,558	9	98,140	9	109,722
1/4	6,044	1/4	17,646	1/4	29,153	1/4	40,537	1/4	52,114	1/4	63,691	1/4	75,260	1/4	86,800	1/4	98,381	1/4	109,963
1/2	6,285	1/2	17,888	1/2	29,387	1/2	40,778	1/2	52,355	1/2	63,932	1/2	75,500	1/2	87,041	1/2	98,623	1/2	110,204
3/4	6,526	3/4	18,130	3/4	29,621	3/4	41,019	3/4	52,596	3/4	64,173	3/4	75,739	3/4	87,282	3/4	98,864	3/4	110,445
10	6,767	10	18,371	10	29,855	10	41,260	10	52,838	10	64,415	10	75,979	10	87,524	10	99,105	10	110,687
1/4	7,009	1/4	18,613	1/4	30,089	1/4	41,502	1/4	53,079	1/4	64,656	1/4	76,219	1/4	87,765	1/4	99,346	1/4	110,928
1/2	7,250	1/2	18,855	1/2	30,323	1/2	41,743	1/2	53,320	1/2	64,897	1/2	76,459	1/2	88,006	1/2	99,588	1/2	111,169
3/4	7,492	3/4	19,097	3/4	30,557	3/4	41,984	3/4	53,561	3/4	65,138	3/4	76,699	3/4	88,247	3/4	99,829	3/4	111,411
11	7,733	11	19,338	11	30,792	11	42,225	11	53,802	11	65,379	11	76,939	11	88,489	11	100,070	11	111,652
1/4	7,975	1/4	19,580	1/4	31,026	1/4	42,466	1/4	54,044	1/4	65,621	1/4	77,179	1/4	88,730	1/4	100,312	1/4	111,893
1/2	8,217	1/2	19,822	1/2	31,260	1/2	42,708	1/2	54,285	1/2	65,862	1/2	77,418	1/2	88,971	1/2	100,553	1/2	112,134
3/4	8,459	3/4	20,064	3/4	31,494	3/4	42,949	3/4	54,526	3/4	66,103	3/4	77,658	3/4	89,213	3/4	100,794	3/4	112,376

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 23'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092

Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "CBC 1408"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	112,617	0	122,148	0	130,265	0	138,382	0	146,499	0		0		0		0		0	
1/4	112,858	1/4	122,318	1/4	130,434	1/4	138,551	1/4	146,668	1/4		1/4		1/4		1/4		1/4	
1/2	113,098	1/2	122,487	1/2	130,604	1/2	138,720	1/2	146,837	1/2		1/2		1/2		1/2		1/2	
3/4	113,339	3/4	122,656	3/4	130,773	3/4	138,890	3/4	147,006	3/4		3/4		3/4		3/4		3/4	
1	113,580	1	122,825	1	130,942	1	139,059	1	147,176	1		1		1		1		1	
1/4	113,821	1/4	122,994	1/4	131,111	1/4	139,228	1/4	147,345	1/4		1/4		1/4		1/4		1/4	
1/2	114,061	1/2	123,163	1/2	131,280	1/2	139,397	1/2	147,514	1/2		1/2		1/2		1/2		1/2	
3/4	114,302	3/4	123,332	3/4	131,449	3/4	139,566	3/4	147,683	3/4		3/4		3/4		3/4		3/4	
2	114,543	2	123,501	2	131,618	2	139,735	2	147,852	2		2		2		2		2	
1/4	114,784	1/4	123,670	1/4	131,787	1/4	139,904	1/4	148,021	1/4		1/4		1/4		1/4		1/4	
1/2	115,024	1/2	123,839	1/2	131,956	1/2	140,073	1/2	148,190	1/2		1/2		1/2		1/2		1/2	
3/4	115,265	3/4	124,009	3/4	132,125	3/4	140,242	3/4	148,359	3/4		3/4		3/4		3/4		3/4	
3	115,506	3	124,178	3	132,295	3	140,411	3	148,528	3		3		3		3		3	
1/4	115,746	1/4	124,347	1/4	132,464	1/4	140,581	1/4	148,750	1/4		1/4		1/4		1/4		1/4	
1/2	115,987	1/2	124,516	1/2	132,633	1/2	140,750	1/2	148,972	1/2		1/2		1/2		1/2		1/2	
3/4	116,228	3/4	124,685	3/4	132,802	3/4	140,919	3/4	149,193	3/4		3/4		3/4		3/4		3/4	
4	116,469	4	124,854	4	132,971	4	141,088	4	149,415	4		4		4		4		4	
1/4	116,709	1/4	125,023	1/4	133,140	1/4	141,257	1/4	149,596	1/4		1/4		1/4		1/4		1/4	
1/2	116,950	1/2	125,192	1/2	133,309	1/2	141,426	1/2	149,778	1/2		1/2		1/2		1/2		1/2	
3/4	117,191	3/4	125,361	3/4	133,478	3/4	141,595	3/4	149,959	3/4		3/4		3/4		3/4		3/4	
5	117,431	5	125,531	5	133,647	5	141,764	5	150,140	5		5		5		5		5	
1/4	117,600	1/4	125,700	1/4	133,816	1/4	141,933	1/4	150,281	1/4		1/4		1/4		1/4		1/4	
1/2	117,768	1/2	125,869	1/2	133,986	1/2	142,102	1/2	150,422	1/2		1/2		1/2		1/2		1/2	
3/4	117,936	3/4	126,038	3/4	134,155	3/4	142,272	3/4	150,563	3/4		3/4		3/4		3/4		3/4	
6	118,104	6	126,207	6	134,324	6	142,441	6	150,704	6		6		6		6		6	
1/4	118,272	1/4	126,376	1/4	134,493	1/4	142,610	1/4	150,805	1/4		1/4		1/4		1/4		1/4	
1/2	118,441	1/2	126,545	1/2	134,662	1/2	142,779	1/2	150,906	1/2		1/2		1/2		1/2		1/2	
3/4	118,609	3/4	126,714	3/4	134,831	3/4	142,948	3/4	151,007	3/4		3/4		3/4		3/4		3/4	
7	118,778	7	126,883	7	135,000	7	143,117	7	151,107	7		7		7		7		7	
1/4	118,946	1/4	127,052	1/4	135,169	1/4	143,286	1/4	151,168	1/4		1/4		1/4		1/4		1/4	
1/2	119,115	1/2	127,222	1/2	135,338	1/2	143,455	1/2	151,228	1/2		1/2		1/2		1/2		1/2	
3/4	119,283	3/4	127,391	3/4	135,508	3/4	143,624	3/4	151,289	3/4		3/4		3/4		3/4		3/4	
8	119,452	8	127,560	8	135,677	8	143,793	8	151,349	8		8		8		8		8	
1/4	119,620	1/4	127,729	1/4	135,846	1/4	143,963	1/4	151,369	1/4		1/4		1/4		1/4		1/4	
1/2	119,789	1/2	127,898	1/2	136,015	1/2	144,132	1/2	151,389	1/2		1/2		1/2		1/2		1/2	
3/4	119,958	3/4	128,067	3/4	136,184	3/4	144,301	3/4		3/4		3/4		3/4		3/4		3/4	
9	120,126	9	128,236	9	136,353	9	144,470	9		9		9		9		9		9	
1/4	120,295	1/4	128,405	1/4	136,522	1/4	144,639	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,463	1/2	128,574	1/2	136,691	1/2	144,808	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,632	3/4	128,743	3/4	136,860	3/4	144,977	3/4		3/4		3/4		3/4		3/4		3/4	
10	120,800	10	128,913	10	137,029	10	145,146	10		10		10		10		10		10	
1/4	120,969	1/4	129,082	1/4	137,199	1/4	145,315	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,137	1/2	129,251	1/2	137,368	1/2	145,484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,306	3/4	129,420	3/4	137,537	3/4	145,654	3/4		3/4		3/4		3/4		3/4		3/4	
11	121,474	11	129,589	11	137,706	11	145,823	11		11		11		11		11		11	
1/4	121,643	1/4	129,758	1/4	137,875	1/4	145,992	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,811	1/2	129,927	1/2	138,044	1/2	146,161	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,980	3/4	130,096	3/4	138,213	3/4	146,330	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2019 SW  
CALCULATED: 01/17/2019 CL  
PRINTED: 01/23/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "CBC 1408"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	10,054	0	23,473	0	36,729	0	49,985	0	63,404	0	76,823	0	90,242	0	103,661	0	117,080
1/4	63	1/4	10,334	1/4	23,752	1/4	37,000	1/4	50,265	1/4	63,684	1/4	77,103	1/4	90,522	1/4	103,941	1/4	117,360
1/2	86	1/2	10,613	1/2	24,032	1/2	37,272	1/2	50,544	1/2	63,963	1/2	77,382	1/2	90,801	1/2	104,220	1/2	117,639
3/4	109	3/4	10,893	3/4	24,312	3/4	37,543	3/4	50,824	3/4	64,243	3/4	77,662	3/4	91,081	3/4	104,500	3/4	117,919
1	132	1	11,173	1	24,591	1	37,814	1	51,103	1	64,522	1	77,941	1	91,360	1	104,779	1	118,198
1/4	202	1/4	11,452	1/4	24,871	1/4	38,086	1/4	51,383	1/4	64,802	1/4	78,221	1/4	91,640	1/4	105,059	1/4	118,478
1/2	272	1/2	11,732	1/2	25,150	1/2	38,357	1/2	51,663	1/2	65,082	1/2	78,501	1/2	91,920	1/2	105,339	1/2	118,758
3/4	342	3/4	12,011	3/4	25,430	3/4	38,628	3/4	51,942	3/4	65,361	3/4	78,780	3/4	92,199	3/4	105,618	3/4	119,037
2	412	2	12,291	2	25,709	2	38,900	2	52,222	2	65,641	2	79,060	2	92,479	2	105,898	2	119,317
1/4	528	1/4	12,570	1/4	25,989	1/4	39,171	1/4	52,501	1/4	65,920	1/4	79,339	1/4	92,758	1/4	106,177	1/4	119,596
1/2	645	1/2	12,850	1/2	26,268	1/2	39,442	1/2	52,781	1/2	66,200	1/2	79,619	1/2	93,038	1/2	106,457	1/2	119,876
3/4	761	3/4	13,129	3/4	26,548	3/4	39,714	3/4	53,060	3/4	66,479	3/4	79,898	3/4	93,317	3/4	106,736	3/4	120,155
3	878	3	13,409	3	26,828	3	39,985	3	53,340	3	66,759	3	80,178	3	93,597	3	107,016	3	120,435
1/4	1,041	1/4	13,689	1/4	27,107	1/4	40,256	1/4	53,619	1/4	67,039	1/4	80,458	1/4	93,877	1/4	107,296	1/4	120,715
1/2	1,204	1/2	13,968	1/2	27,387	1/2	40,528	1/2	53,899	1/2	67,318	1/2	80,737	1/2	94,156	1/2	107,575	1/2	120,994
3/4	1,367	3/4	14,248	3/4	27,666	3/4	40,799	3/4	54,179	3/4	67,598	3/4	81,017	3/4	94,436	3/4	107,855	3/4	121,274
4	1,530	4	14,527	4	27,946	4	41,071	4	54,458	4	67,877	4	81,296	4	94,715	4	108,134	4	121,553
1/4	1,740	1/4	14,807	1/4	28,225	1/4	41,342	1/4	54,738	1/4	68,157	1/4	81,576	1/4	94,995	1/4	108,414	1/4	121,833
1/2	1,950	1/2	15,086	1/2	28,505	1/2	41,614	1/2	55,017	1/2	68,436	1/2	81,855	1/2	95,274	1/2	108,693	1/2	122,112
3/4	2,159	3/4	15,366	3/4	28,784	3/4	41,886	3/4	55,297	3/4	68,716	3/4	82,135	3/4	95,554	3/4	108,973	3/4	122,392
5	2,369	5	15,645	5	29,064	5	42,157	5	55,576	5	68,995	5	82,414	5	95,833	5	109,252	5	122,672
1/4	2,624	1/4	15,925	1/4	29,344	1/4	42,437	1/4	55,856	1/4	69,275	1/4	82,694	1/4	96,113	1/4	109,532	1/4	122,951
1/2	2,880	1/2	16,205	1/2	29,623	1/2	42,717	1/2	56,136	1/2	69,555	1/2	82,974	1/2	96,393	1/2	109,812	1/2	123,231
3/4	3,135	3/4	16,484	3/4	29,903	3/4	42,996	3/4	56,415	3/4	69,834	3/4	83,253	3/4	96,672	3/4	110,091	3/4	123,510
6	3,391	6	16,764	6	30,182	6	43,276	6	56,695	6	70,114	6	83,533	6	96,952	6	110,371	6	123,790
1/4	3,665	1/4	17,043	1/4	30,462	1/4	43,555	1/4	56,974	1/4	70,393	1/4	83,812	1/4	97,231	1/4	110,650	1/4	124,069
1/2	3,939	1/2	17,323	1/2	30,741	1/2	43,835	1/2	57,254	1/2	70,673	1/2	84,092	1/2	97,511	1/2	110,930	1/2	124,349
3/4	4,213	3/4	17,602	3/4	31,021	3/4	44,114	3/4	57,533	3/4	70,952	3/4	84,371	3/4	97,790	3/4	111,209	3/4	124,628
7	4,487	7	17,882	7	31,300	7	44,394	7	57,813	7	71,232	7	84,651	7	98,070	7	111,489	7	124,908
1/4	4,763	1/4	18,161	1/4	31,572	1/4	44,673	1/4	58,092	1/4	71,512	1/4	84,931	1/4	98,350	1/4	111,769	1/4	125,188
1/2	5,040	1/2	18,441	1/2	31,844	1/2	44,953	1/2	58,372	1/2	71,791	1/2	85,210	1/2	98,629	1/2	112,048	1/2	125,467
3/4	5,316	3/4	18,721	3/4	32,116	3/4	45,233	3/4	58,652	3/4	72,071	3/4	85,490	3/4	98,909	3/4	112,328	3/4	125,747
8	5,593	8	19,000	8	32,387	8	45,512	8	58,931	8	72,350	8	85,769	8	99,188	8	112,607	8	126,026
1/4	5,870	1/4	19,280	1/4	32,659	1/4	45,792	1/4	59,211	1/4	72,630	1/4	86,049	1/4	99,468	1/4	112,887	1/4	126,306
1/2	6,148	1/2	19,559	1/2	32,930	1/2	46,071	1/2	59,490	1/2	72,909	1/2	86,328	1/2	99,747	1/2	113,166	1/2	126,585
3/4	6,426	3/4	19,839	3/4	33,201	3/4	46,351	3/4	59,770	3/4	73,189	3/4	86,608	3/4	100,027	3/4	113,446	3/4	126,865
9	6,704	9	20,118	9	33,473	9	46,630	9	60,049	9	73,468	9	86,887	9	100,306	9	113,725	9	127,145
1/4	6,983	1/4	20,398	1/4	33,744	1/4	46,910	1/4	60,329	1/4	73,748	1/4	87,167	1/4	100,586	1/4	114,005	1/4	127,424
1/2	7,261	1/2	20,677	1/2	34,015	1/2	47,190	1/2	60,609	1/2	74,028	1/2	87,447	1/2	100,866	1/2	114,285	1/2	127,704
3/4	7,540	3/4	20,957	3/4	34,287	3/4	47,469	3/4	60,888	3/4	74,307	3/4	87,726	3/4	101,145	3/4	114,564	3/4	127,983
10	7,819	10	21,236	10	34,558	10	47,749	10	61,168	10	74,587	10	88,006	10	101,425	10	114,844	10	128,263
1/4	8,098	1/4	21,516	1/4	34,829	1/4	48,028	1/4	61,447	1/4	74,866	1/4	88,285	1/4	101,704	1/4	115,123	1/4	128,542
1/2	8,378	1/2	21,796	1/2	35,101	1/2	48,308	1/2	61,727	1/2	75,146	1/2	88,565	1/2	101,984	1/2	115,403	1/2	128,822
3/4	8,657	3/4	22,075	3/4	35,372	3/4	48,587	3/4	62,006	3/4	75,425	3/4	88,844	3/4	102,263	3/4	115,682	3/4	129,101
11	8,936	11	22,355	11	35,643	11	48,867	11	62,286	11	75,705	11	89,124	11	102,543	11	115,962	11	129,381
1/4	9,216	1/4	22,634	1/4	35,915	1/4	49,146	1/4	62,566	1/4	75,985	1/4	89,404	1/4	102,823	1/4	116,242	1/4	129,661
1/2	9,495	1/2	22,914	1/2	36,186	1/2	49,426	1/2	62,845	1/2	76,264	1/2	89,683	1/2	103,102	1/2	116,521	1/2	129,940
3/4	9,775	3/4	23,193	3/4	36,458	3/4	49,706	3/4	63,125	3/4	76,544	3/4	89,963	3/4	103,382	3/4	116,801	3/4	130,220

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 36'-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 1408"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	130,499	0	143,918	0	157,337	0	170,756	0	184,175	0		0		0		0		0	
1/4	130,779	1/4	144,198	1/4	157,617	1/4	171,036	1/4	184,455	1/4		1/4		1/4		1/4		1/4	
1/2	131,058	1/2	144,477	1/2	157,896	1/2	171,315	1/2	184,734	1/2		1/2		1/2		1/2		1/2	
3/4	131,338	3/4	144,757	3/4	158,176	3/4	171,595	3/4	185,014	3/4		3/4		3/4		3/4		3/4	
1	131,618	1	145,037	1	158,456	1	171,875	1	185,294	1		1		1		1		1	
1/4	131,897	1/4	145,316	1/4	158,735	1/4	172,154	1/4	185,573	1/4		1/4		1/4		1/4		1/4	
1/2	132,177	1/2	145,596	1/2	159,015	1/2	172,434	1/2	185,853	1/2		1/2		1/2		1/2		1/2	
3/4	132,456	3/4	145,875	3/4	159,294	3/4	172,713	3/4	186,132	3/4		3/4		3/4		3/4		3/4	
2	132,736	2	146,155	2	159,574	2	172,993	2	186,412	2		2		2		2		2	
1/4	133,015	1/4	146,434	1/4	159,853	1/4	173,272	1/4	186,691	1/4		1/4		1/4		1/4		1/4	
1/2	133,295	1/2	146,714	1/2	160,133	1/2	173,552	1/2	186,971	1/2		1/2		1/2		1/2		1/2	
3/4	133,574	3/4	146,993	3/4	160,412	3/4	173,831	3/4	187,251	3/4		3/4		3/4		3/4		3/4	
3	133,854	3	147,273	3	160,692	3	174,111	3	187,530	3		3		3		3		3	
1/4	134,134	1/4	147,553	1/4	160,972	1/4	174,391	1/4	187,786	1/4		1/4		1/4		1/4		1/4	
1/2	134,413	1/2	147,832	1/2	161,251	1/2	174,670	1/2	188,043	1/2		1/2		1/2		1/2		1/2	
3/4	134,693	3/4	148,112	3/4	161,531	3/4	174,950	3/4	188,299	3/4		3/4		3/4		3/4		3/4	
4	134,972	4	148,391	4	161,810	4	175,229	4	188,555	4		4		4		4		4	
1/4	135,252	1/4	148,671	1/4	162,090	1/4	175,509	1/4	188,765	1/4		1/4		1/4		1/4		1/4	
1/2	135,531	1/2	148,950	1/2	162,369	1/2	175,788	1/2	188,974	1/2		1/2		1/2		1/2		1/2	
3/4	135,811	3/4	149,230	3/4	162,649	3/4	176,068	3/4	189,184	3/4		3/4		3/4		3/4		3/4	
5	136,091	5	149,510	5	162,929	5	176,348	5	189,394	5		5		5		5		5	
1/4	136,370	1/4	149,789	1/4	163,208	1/4	176,627	1/4	189,557	1/4		1/4		1/4		1/4		1/4	
1/2	136,650	1/2	150,069	1/2	163,488	1/2	176,907	1/2	189,720	1/2		1/2		1/2		1/2		1/2	
3/4	136,929	3/4	150,348	3/4	163,767	3/4	177,186	3/4	189,883	3/4		3/4		3/4		3/4		3/4	
6	137,209	6	150,628	6	164,047	6	177,466	6	190,046	6		6		6		6		6	
1/4	137,488	1/4	150,907	1/4	164,326	1/4	177,745	1/4	190,163	1/4		1/4		1/4		1/4		1/4	
1/2	137,768	1/2	151,187	1/2	164,606	1/2	178,025	1/2	190,279	1/2		1/2		1/2		1/2		1/2	
3/4	138,047	3/4	151,466	3/4	164,885	3/4	178,305	3/4	190,396	3/4		3/4		3/4		3/4		3/4	
7	138,327	7	151,746	7	165,165	7	178,584	7	190,512	7		7		7		7		7	
1/4	138,607	1/4	152,026	1/4	165,445	1/4	178,864	1/4	190,582	1/4		1/4		1/4		1/4		1/4	
1/2	138,886	1/2	152,305	1/2	165,724	1/2	179,143	1/2	190,652	1/2		1/2		1/2		1/2		1/2	
3/4	139,166	3/4	152,585	3/4	166,004	3/4	179,423	3/4	190,722	3/4		3/4		3/4		3/4		3/4	
8	139,445	8	152,864	8	166,283	8	179,702	8	190,792	8		8		8		8		8	
1/4	139,725	1/4	153,144	1/4	166,563	1/4	179,982	1/4	190,815	1/4		1/4		1/4		1/4		1/4	
1/2	140,004	1/2	153,423	1/2	166,842	1/2	180,261	1/2	190,838	1/2		1/2		1/2		1/2		1/2	
3/4	140,284	3/4	153,703	3/4	167,122	3/4	180,541	3/4		3/4		3/4		3/4		3/4		3/4	
9	140,564	9	153,983	9	167,402	9	180,821	9		9		9		9		9		9	
1/4	140,843	1/4	154,262	1/4	167,681	1/4	181,100	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141,123	1/2	154,542	1/2	167,961	1/2	181,380	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	141,402	3/4	154,821	3/4	168,240	3/4	181,659	3/4		3/4		3/4		3/4		3/4		3/4	
10	141,682	10	155,101	10	168,520	10	181,939	10		10		10		10		10		10	
1/4	141,961	1/4	155,380	1/4	168,799	1/4	182,218	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	142,241	1/2	155,660	1/2	169,079	1/2	182,498	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	142,520	3/4	155,939	3/4	169,358	3/4	182,778	3/4		3/4		3/4		3/4		3/4		3/4	
11	142,800	11	156,219	11	169,638	11	183,057	11		11		11		11		11		11	
1/4	143,080	1/4	156,499	1/4	169,918	1/4	183,337	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143,359	1/2	156,778	1/2	170,197	1/2	183,616	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	143,639	3/4	157,058	3/4	170,477	3/4	183,896	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2019 SW  
CALCULATED: 01/17/2019 CL  
PRINTED: 01/23/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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# BARGE "CBC 1408"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	40	0	8,997	0	20,999	0	32,986	0	44,977	0	56,979	0	68,981	0	80,983	0	92,986	0	104,988
1/4	60	1/4	9,247	1/4	21,249	1/4	33,236	1/4	45,227	1/4	57,229	1/4	69,231	1/4	81,233	1/4	93,236	1/4	105,238
1/2	81	1/2	9,497	1/2	21,499	1/2	33,485	1/2	45,477	1/2	57,479	1/2	69,481	1/2	81,484	1/2	93,486	1/2	105,488
3/4	102	3/4	9,747	3/4	21,749	3/4	33,734	3/4	45,727	3/4	57,729	3/4	69,731	3/4	81,734	3/4	93,736	3/4	105,738
1	123	1	9,997	1	21,999	1	33,984	1	45,977	1	57,979	1	69,981	1	81,984	1	93,986	1	105,988
1/4	185	1/4	10,247	1/4	22,249	1/4	34,233	1/4	46,227	1/4	58,229	1/4	70,231	1/4	82,234	1/4	94,236	1/4	106,238
1/2	248	1/2	10,497	1/2	22,499	1/2	34,482	1/2	46,477	1/2	58,479	1/2	70,482	1/2	82,484	1/2	94,486	1/2	106,488
3/4	310	3/4	10,747	3/4	22,749	3/4	34,732	3/4	46,727	3/4	58,729	3/4	70,732	3/4	82,734	3/4	94,736	3/4	106,738
2	373	2	10,997	2	22,999	2	34,981	2	46,977	2	58,979	2	70,982	2	82,984	2	94,986	2	106,988
1/4	477	1/4	11,247	1/4	23,249	1/4	35,230	1/4	47,227	1/4	59,229	1/4	71,232	1/4	83,234	1/4	95,236	1/4	107,238
1/2	581	1/2	11,497	1/2	23,499	1/2	35,480	1/2	47,477	1/2	59,480	1/2	71,482	1/2	83,484	1/2	95,486	1/2	107,488
3/4	685	3/4	11,747	3/4	23,749	3/4	35,729	3/4	47,727	3/4	59,730	3/4	71,732	3/4	83,734	3/4	95,736	3/4	107,738
3	790	3	11,997	3	23,999	3	35,978	3	47,977	3	59,980	3	71,982	3	83,984	3	95,986	3	107,988
1/4	935	1/4	12,248	1/4	24,249	1/4	36,227	1/4	48,227	1/4	60,230	1/4	72,232	1/4	84,234	1/4	96,236	1/4	108,238
1/2	1,081	1/2	12,498	1/2	24,499	1/2	36,477	1/2	48,478	1/2	60,480	1/2	72,482	1/2	84,484	1/2	96,486	1/2	108,488
3/4	1,227	3/4	12,748	3/4	24,749	3/4	36,726	3/4	48,728	3/4	60,730	3/4	72,732	3/4	84,734	3/4	96,736	3/4	108,738
4	1,373	4	12,998	4	24,999	4	36,975	4	48,978	4	60,980	4	72,982	4	84,984	4	96,986	4	108,988
1/4	1,560	1/4	13,248	1/4	25,249	1/4	37,225	1/4	49,228	1/4	61,230	1/4	73,232	1/4	85,234	1/4	97,236	1/4	109,239
1/2	1,748	1/2	13,498	1/2	25,499	1/2	37,476	1/2	49,478	1/2	61,480	1/2	73,482	1/2	85,484	1/2	97,486	1/2	109,489
3/4	1,936	3/4	13,748	3/4	25,749	3/4	37,726	3/4	49,728	3/4	61,730	3/4	73,732	3/4	85,734	3/4	97,736	3/4	109,739
5	2,123	5	13,998	5	25,999	5	37,976	5	49,978	5	61,980	5	73,982	5	85,984	5	97,987	5	109,989
1/4	2,352	1/4	14,248	1/4	26,250	1/4	38,226	1/4	50,228	1/4	62,230	1/4	74,232	1/4	86,234	1/4	98,237	1/4	110,239
1/2	2,580	1/2	14,498	1/2	26,500	1/2	38,476	1/2	50,478	1/2	62,480	1/2	74,482	1/2	86,484	1/2	98,487	1/2	110,489
3/4	2,809	3/4	14,748	3/4	26,750	3/4	38,726	3/4	50,728	3/4	62,730	3/4	74,732	3/4	86,734	3/4	98,737	3/4	110,739
6	3,037	6	14,998	6	27,000	6	38,976	6	50,978	6	62,980	6	74,982	6	86,985	6	98,987	6	110,989
1/4	3,282	1/4	15,248	1/4	27,249	1/4	39,226	1/4	51,228	1/4	63,230	1/4	75,232	1/4	87,235	1/4	99,237	1/4	111,239
1/2	3,527	1/2	15,498	1/2	27,499	1/2	39,476	1/2	51,478	1/2	63,480	1/2	75,482	1/2	87,485	1/2	99,487	1/2	111,489
3/4	3,772	3/4	15,748	3/4	27,749	3/4	39,726	3/4	51,728	3/4	63,730	3/4	75,732	3/4	87,735	3/4	99,737	3/4	111,739
7	4,017	7	15,998	7	27,998	7	39,976	7	51,978	7	63,980	7	75,983	7	87,985	7	99,987	7	111,989
1/4	4,265	1/4	16,248	1/4	28,248	1/4	40,226	1/4	52,228	1/4	64,230	1/4	76,233	1/4	88,235	1/4	100,237	1/4	112,239
1/2	4,512	1/2	16,498	1/2	28,498	1/2	40,476	1/2	52,478	1/2	64,480	1/2	76,483	1/2	88,485	1/2	100,487	1/2	112,489
3/4	4,759	3/4	16,748	3/4	28,747	3/4	40,726	3/4	52,728	3/4	64,730	3/4	76,733	3/4	88,735	3/4	100,737	3/4	112,739
8	5,006	8	16,998	8	28,997	8	40,976	8	52,978	8	64,981	8	76,983	8	88,985	8	100,987	8	112,989
1/4	5,255	1/4	17,248	1/4	29,246	1/4	41,226	1/4	53,228	1/4	65,231	1/4	77,233	1/4	89,235	1/4	101,237	1/4	113,239
1/2	5,503	1/2	17,498	1/2	29,496	1/2	41,476	1/2	53,478	1/2	65,481	1/2	77,483	1/2	89,485	1/2	101,487	1/2	113,489
3/4	5,752	3/4	17,748	3/4	29,745	3/4	41,726	3/4	53,728	3/4	65,731	3/4	77,733	3/4	89,735	3/4	101,737	3/4	113,739
9	6,000	9	17,998	9	29,994	9	41,976	9	53,979	9	65,981	9	77,983	9	89,985	9	101,987	9	113,989
1/4	6,250	1/4	18,248	1/4	30,244	1/4	42,226	1/4	54,229	1/4	66,231	1/4	78,233	1/4	90,235	1/4	102,237	1/4	114,239
1/2	6,499	1/2	18,498	1/2	30,493	1/2	42,476	1/2	54,479	1/2	66,481	1/2	78,483	1/2	90,485	1/2	102,487	1/2	114,489
3/4	6,748	3/4	18,748	3/4	30,742	3/4	42,726	3/4	54,729	3/4	66,731	3/4	78,733	3/4	90,735	3/4	102,737	3/4	114,740
10	6,998	10	18,998	10	30,992	10	42,977	10	54,979	10	66,981	10	78,983	10	90,985	10	102,987	10	114,990
1/4	7,248	1/4	19,249	1/4	31,241	1/4	43,227	1/4	55,229	1/4	67,231	1/4	79,233	1/4	91,235	1/4	103,237	1/4	115,240
1/2	7,497	1/2	19,499	1/2	31,490	1/2	43,477	1/2	55,479	1/2	67,481	1/2	79,483	1/2	91,485	1/2	103,488	1/2	115,490
3/4	7,747	3/4	19,749	3/4	31,740	3/4	43,727	3/4	55,729	3/4	67,731	3/4	79,733	3/4	91,735	3/4	103,738	3/4	115,740
11	7,997	11	19,999	11	31,989	11	43,977	11	55,979	11	67,981	11	79,983	11	91,985	11	103,988	11	115,990
1/4	8,247	1/4	20,249	1/4	32,238	1/4	44,227	1/4	56,229	1/4	68,231	1/4	80,233	1/4	92,235	1/4	104,238	1/4	116,240
1/2	8,497	1/2	20,499	1/2	32,488	1/2	44,477	1/2	56,479	1/2	68,481	1/2	80,483	1/2	92,486	1/2	104,488	1/2	116,490
3/4	8,747	3/4	20,749	3/4	32,737	3/4	44,727	3/4	56,729	3/4	68,731	3/4	80,733	3/4	92,736	3/4	104,738	3/4	116,740

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 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 1408"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	116,990	0	128,992	0	140,994	0	152,996	0	164,999	0		0		0		0		0	
1/4	117,240	1/4	129,242	1/4	141,244	1/4	153,247	1/4	165,249	1/4		1/4		1/4		1/4		1/4	
1/2	117,490	1/2	129,492	1/2	141,494	1/2	153,497	1/2	165,499	1/2		1/2		1/2		1/2		1/2	
3/4	117,740	3/4	129,742	3/4	141,744	3/4	153,747	3/4	165,749	3/4		3/4		3/4		3/4		3/4	
1	117,990	1	129,992	1	141,994	1	153,997	1	165,999	1		1		1		1		1	
1/4	118,240	1/4	130,242	1/4	142,245	1/4	154,247	1/4	166,249	1/4		1/4		1/4		1/4		1/4	
1/2	118,490	1/2	130,492	1/2	142,495	1/2	154,497	1/2	166,499	1/2		1/2		1/2		1/2		1/2	
3/4	118,740	3/4	130,742	3/4	142,745	3/4	154,747	3/4	166,749	3/4		3/4		3/4		3/4		3/4	
2	118,990	2	130,992	2	142,995	2	154,997	2	166,999	2		2		2		2		2	
1/4	119,240	1/4	131,243	1/4	143,245	1/4	155,247	1/4	167,249	1/4		1/4		1/4		1/4		1/4	
1/2	119,490	1/2	131,493	1/2	143,495	1/2	155,497	1/2	167,499	1/2		1/2		1/2		1/2		1/2	
3/4	119,740	3/4	131,743	3/4	143,745	3/4	155,747	3/4	167,749	3/4		3/4		3/4		3/4		3/4	
3	119,990	3	131,993	3	143,995	3	155,997	3	167,999	3		3		3		3		3	
1/4	120,241	1/4	132,243	1/4	144,245	1/4	156,247	1/4	168,228	1/4		1/4		1/4		1/4		1/4	
1/2	120,491	1/2	132,493	1/2	144,495	1/2	156,497	1/2	168,458	1/2		1/2		1/2		1/2		1/2	
3/4	120,741	3/4	132,743	3/4	144,745	3/4	156,747	3/4	168,687	3/4		3/4		3/4		3/4		3/4	
4	120,991	4	132,993	4	144,995	4	156,997	4	168,916	4		4		4		4		4	
1/4	121,241	1/4	133,243	1/4	145,245	1/4	157,247	1/4	169,104	1/4		1/4		1/4		1/4		1/4	
1/2	121,491	1/2	133,493	1/2	145,495	1/2	157,497	1/2	169,291	1/2		1/2		1/2		1/2		1/2	
3/4	121,741	3/4	133,743	3/4	145,745	3/4	157,747	3/4	169,479	3/4		3/4		3/4		3/4		3/4	
5	121,991	5	133,993	5	145,995	5	157,997	5	169,666	5		5		5		5		5	
1/4	122,241	1/4	134,243	1/4	146,245	1/4	158,247	1/4	169,812	1/4		1/4		1/4		1/4		1/4	
1/2	122,491	1/2	134,493	1/2	146,495	1/2	158,497	1/2	169,958	1/2		1/2		1/2		1/2		1/2	
3/4	122,741	3/4	134,743	3/4	146,745	3/4	158,748	3/4	170,104	3/4		3/4		3/4		3/4		3/4	
6	122,991	6	134,993	6	146,995	6	158,998	6	170,250	6		6		6		6		6	
1/4	123,241	1/4	135,243	1/4	147,245	1/4	159,248	1/4	170,354	1/4		1/4		1/4		1/4		1/4	
1/2	123,491	1/2	135,493	1/2	147,495	1/2	159,498	1/2	170,458	1/2		1/2		1/2		1/2		1/2	
3/4	123,741	3/4	135,743	3/4	147,746	3/4	159,748	3/4	170,562	3/4		3/4		3/4		3/4		3/4	
7	123,991	7	135,993	7	147,996	7	159,998	7	170,666	7		7		7		7		7	
1/4	124,241	1/4	136,243	1/4	148,246	1/4	160,248	1/4	170,729	1/4		1/4		1/4		1/4		1/4	
1/2	124,491	1/2	136,493	1/2	148,496	1/2	160,498	1/2	170,791	1/2		1/2		1/2		1/2		1/2	
3/4	124,741	3/4	136,744	3/4	148,746	3/4	160,748	3/4	170,854	3/4		3/4		3/4		3/4		3/4	
8	124,991	8	136,994	8	148,996	8	160,998	8	170,916	8		8		8		8		8	
1/4	125,241	1/4	137,244	1/4	149,246	1/4	161,248	1/4	170,937	1/4		1/4		1/4		1/4		1/4	
1/2	125,491	1/2	137,494	1/2	149,496	1/2	161,498	1/2	170,958	1/2		1/2		1/2		1/2		1/2	
3/4	125,742	3/4	137,744	3/4	149,746	3/4	161,748	3/4		3/4		3/4		3/4		3/4		3/4	
9	125,992	9	137,994	9	149,996	9	161,998	9		9		9		9		9		9	
1/4	126,242	1/4	138,244	1/4	150,246	1/4	162,248	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,492	1/2	138,494	1/2	150,496	1/2	162,498	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,742	3/4	138,744	3/4	150,746	3/4	162,748	3/4		3/4		3/4		3/4		3/4		3/4	
10	126,992	10	138,994	10	150,996	10	162,998	10		10		10		10		10		10	
1/4	127,242	1/4	139,244	1/4	151,246	1/4	163,248	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,492	1/2	139,494	1/2	151,496	1/2	163,498	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,742	3/4	139,744	3/4	151,746	3/4	163,748	3/4		3/4		3/4		3/4		3/4		3/4	
11	127,992	11	139,994	11	151,996	11	163,998	11		11		11		11		11		11	
1/4	128,242	1/4	140,244	1/4	152,246	1/4	164,249	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,492	1/2	140,494	1/2	152,496	1/2	164,499	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,742	3/4	140,744	3/4	152,746	3/4	164,749	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2019 SW  
CALCULATED: 01/17/2019 CL  
PRINTED: 01/23/2019

PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019



# BARGE "CBC 1408"

## 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	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-1/4	- 02-1/4
2 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	- 01-1/8	01-1/8
3 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	00-1/4	- 00-1/4

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

LENGTH BETWEEN DRAFT MARKS: 178'-06"

January 16, 2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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# BARGE "CBC 1408"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	144,300	0	136,184	0	128,067	0	119,957	0	109,480	0	97,898	0	86,317
1/4	1/4	1/4	151,389	1/4	144,131	1/4	136,014	1/4	127,898	1/4	119,789	1/4	109,239	1/4	97,657	1/4	86,075	1/4	86,075
1/2	1/2	1/2	151,369	1/2	143,962	1/2	135,845	1/2	127,728	1/2	119,620	1/2	108,997	1/2	97,416	1/2	85,834	1/2	85,834
3/4	3/4	3/4	151,349	3/4	143,793	3/4	135,676	3/4	127,559	3/4	119,452	3/4	108,756	3/4	97,175	3/4	85,593	3/4	85,593
1		1		1		1	151,288	1	143,624	1	135,507	1	127,390	1	119,283	1	108,515	1	96,933
1/4	1/4	1/4	151,228	1/4	143,455	1/4	135,338	1/4	127,221	1/4	119,114	1/4	108,274	1/4	96,692	1/4	85,110	1/4	85,110
1/2	1/2	1/2	151,167	1/2	143,286	1/2	135,169	1/2	127,052	1/2	118,946	1/2	108,032	1/2	96,451	1/2	84,869	1/2	84,869
3/4	3/4	3/4	151,107	3/4	143,117	3/4	135,000	3/4	126,883	3/4	118,777	3/4	107,791	3/4	96,209	3/4	84,628	3/4	84,628
2		2		2		2	151,006	2	142,948	2	134,831	2	126,714	2	118,609	2	107,550	2	95,968
1/4	1/4	1/4	150,905	1/4	142,778	1/4	134,662	1/4	126,545	1/4	118,440	1/4	107,308	1/4	95,727	1/4	84,145	1/4	84,145
1/2	1/2	1/2	150,805	1/2	142,609	1/2	134,493	1/2	126,376	1/2	118,272	1/2	107,067	1/2	95,486	1/2	83,904	1/2	83,904
3/4	3/4	3/4	150,704	3/4	142,440	3/4	134,323	3/4	126,207	3/4	118,103	3/4	106,826	3/4	95,244	3/4	83,662	3/4	83,662
3		3		3		3	150,563	3	142,271	3	134,154	3	126,037	3	117,935	3	106,585	3	95,003
1/4	1/4	1/4	150,422	1/4	142,102	1/4	133,985	1/4	125,868	1/4	117,767	1/4	106,343	1/4	94,762	1/4	83,180	1/4	83,180
1/2	1/2	1/2	150,281	1/2	141,933	1/2	133,816	1/2	125,699	1/2	117,599	1/2	106,102	1/2	94,520	1/2	82,939	1/2	82,939
3/4	3/4	3/4	150,140	3/4	141,764	3/4	133,647	3/4	125,530	3/4	117,431	3/4	105,861	3/4	94,279	3/4	82,697	3/4	82,697
4		4		4		4	149,958	4	141,595	4	133,478	4	125,361	4	117,190	4	105,619	4	94,038
1/4	1/4	1/4	149,777	1/4	141,426	1/4	133,309	1/4	125,192	1/4	116,950	1/4	105,378	1/4	93,797	1/4	82,216	1/4	82,216
1/2	1/2	1/2	149,596	1/2	141,257	1/2	133,140	1/2	125,023	1/2	116,709	1/2	105,137	1/2	93,555	1/2	81,976	1/2	81,976
3/4	3/4	3/4	149,414	3/4	141,087	3/4	132,971	3/4	124,854	3/4	116,468	3/4	104,896	3/4	93,314	3/4	81,735	3/4	81,735
5		5		5		5	149,193	5	140,918	5	132,802	5	124,685	5	116,227	5	104,654	5	93,073
1/4	1/4	1/4	148,971	1/4	140,749	1/4	132,632	1/4	124,516	1/4	115,987	1/4	104,413	1/4	92,831	1/4	81,255	1/4	81,255
1/2	1/2	1/2	148,750	1/2	140,580	1/2	132,463	1/2	124,346	1/2	115,746	1/2	104,172	1/2	92,590	1/2	81,016	1/2	81,016
3/4	3/4	3/4	148,528	3/4	140,411	3/4	132,294	3/4	124,177	3/4	115,505	3/4	103,930	3/4	92,349	3/4	80,776	3/4	80,776
6		6		6		6	148,359	6	140,242	6	132,125	6	124,008	6	115,265	6	103,689	6	92,108
1/4	1/4	1/4	148,190	1/4	140,073	1/4	131,956	1/4	123,839	1/4	115,024	1/4	103,448	1/4	91,866	1/4	80,296	1/4	80,296
1/2	1/2	1/2	148,021	1/2	139,904	1/2	131,787	1/2	123,670	1/2	114,783	1/2	103,207	1/2	91,625	1/2	80,056	1/2	80,056
3/4	3/4	3/4	147,852	3/4	139,735	3/4	131,618	3/4	123,501	3/4	114,542	3/4	102,965	3/4	91,384	3/4	79,816	3/4	79,816
7		7		7		7	147,682	7	139,566	7	131,449	7	123,332	7	114,302	7	102,724	7	91,142
1/4	1/4	1/4	147,513	1/4	139,396	1/4	131,280	1/4	123,163	1/4	114,061	1/4	102,483	1/4	90,901	1/4	79,337	1/4	79,337
1/2	1/2	1/2	147,344	1/2	139,227	1/2	131,110	1/2	122,994	1/2	113,820	1/2	102,241	1/2	90,660	1/2	79,097	1/2	79,097
3/4	3/4	3/4	147,175	3/4	139,058	3/4	130,941	3/4	122,825	3/4	113,580	3/4	102,000	3/4	90,419	3/4	78,857	3/4	78,857
8		8		8		8	147,006	8	138,889	8	130,772	8	122,655	8	113,339	8	101,759	8	90,177
1/4	1/4	1/4	146,837	1/4	138,720	1/4	130,603	1/4	122,486	1/4	113,098	1/4	101,518	1/4	89,936	1/4	78,377	1/4	78,377
1/2	1/2	1/2	146,668	1/2	138,551	1/2	130,434	1/2	122,317	1/2	112,857	1/2	101,276	1/2	89,695	1/2	78,138	1/2	78,138
3/4	3/4	3/4	146,499	3/4	138,382	3/4	130,265	3/4	122,148	3/4	112,617	3/4	101,035	3/4	89,453	3/4	77,898	3/4	77,898
9		9		9		9	146,330	9	138,213	9	130,096	9	121,980	9	112,375	9	100,794	9	89,212
1/4	1/4	1/4	146,161	1/4	138,044	1/4	129,927	1/4	121,811	1/4	112,134	1/4	100,552	1/4	88,971	1/4	77,418	1/4	77,418
1/2	1/2	1/2	145,991	1/2	137,875	1/2	129,758	1/2	121,643	1/2	111,893	1/2	100,311	1/2	88,730	1/2	77,178	1/2	77,178
3/4	3/4	3/4	145,822	3/4	137,705	3/4	129,589	3/4	121,474	3/4	111,651	3/4	100,070	3/4	88,488	3/4	76,938	3/4	76,938
10		10		10		10	145,653	10	137,536	10	129,419	10	121,305	10	111,410	10	99,829	10	88,247
1/4	1/4	1/4	145,484	1/4	137,367	1/4	129,250	1/4	121,137	1/4	111,169	1/4	99,587	1/4	88,006	1/4	76,459	1/4	76,459
1/2	1/2	1/2	145,315	1/2	137,198	1/2	129,081	1/2	120,968	1/2	110,928	1/2	99,346	1/2	87,764	1/2	76,219	1/2	76,219
3/4	3/4	3/4	145,146	3/4	137,029	3/4	128,912	3/4	120,800	3/4	110,686	3/4	99,105	3/4	87,523	3/4	75,979	3/4	75,979
11		11		11		11	144,977	11	136,860	11	128,743	11	120,631	11	110,445	11	98,863	11	87,282
1/4	1/4	1/4	144,808	1/4	136,691	1/4	128,574	1/4	120,463	1/4	110,204	1/4	98,622	1/4	87,041	1/4	75,499	1/4	75,499
1/2	1/2	1/2	144,639	1/2	136,522	1/2	128,405	1/2	120,294	1/2	109,963	1/2	98,381	1/2	86,799	1/2	75,259	1/2	75,259
3/4	3/4	3/4	144,470	3/4	136,353	3/4	128,236	3/4	120,126	3/4	109,721	3/4	98,140	3/4	86,558	3/4	75,020	3/4	75,020

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 23'-03" 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 1408"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	74,779	0	63,208	0	51,631	0	40,054	0	28,685	0	17,162	0	5,562	0		0		0	
1/4	74,538	1/4	62,967	1/4	51,390	1/4	39,813	1/4	28,451	1/4	16,920	1/4	5,322	1/4		1/4		1/4	
1/2	74,298	1/2	62,726	1/2	51,149	1/2	39,572	1/2	28,217	1/2	16,679	1/2	5,082	1/2		1/2		1/2	
3/4	74,057	3/4	62,485	3/4	50,908	3/4	39,331	3/4	27,983	3/4	16,437	3/4	4,841	3/4		3/4		3/4	
1	73,817	1	62,244	1	50,667	1	39,089	1	27,748	1	16,195	1	4,602	1		1		1	
1/4	73,576	1/4	62,002	1/4	50,425	1/4	38,848	1/4	27,514	1/4	15,953	1/4	4,363	1/4		1/4		1/4	
1/2	73,335	1/2	61,761	1/2	50,184	1/2	38,607	1/2	27,280	1/2	15,711	1/2	4,124	1/2		1/2		1/2	
3/4	73,095	3/4	61,520	3/4	49,943	3/4	38,366	3/4	27,045	3/4	15,470	3/4	3,885	3/4		3/4		3/4	
2	72,854	2	61,279	2	49,702	2	38,125	2	26,811	2	15,228	2	3,648	2		2		2	
1/4	72,614	1/4	61,038	1/4	49,461	1/4	37,883	1/4	26,576	1/4	14,986	1/4	3,411	1/4		1/4		1/4	
1/2	72,373	1/2	60,796	1/2	49,219	1/2	37,642	1/2	26,342	1/2	14,744	1/2	3,174	1/2		1/2		1/2	
3/4	72,132	3/4	60,555	3/4	48,978	3/4	37,401	3/4	26,108	3/4	14,503	3/4	2,937	3/4		3/4		3/4	
3	71,891	3	60,314	3	48,737	3	37,160	3	25,866	3	14,261	3	2,716	3		3		3	
1/4	71,650	1/4	60,073	1/4	48,496	1/4	36,919	1/4	25,624	1/4	14,019	1/4	2,495	1/4		1/4		1/4	
1/2	71,409	1/2	59,832	1/2	48,255	1/2	36,678	1/2	25,382	1/2	13,777	1/2	2,274	1/2		1/2		1/2	
3/4	71,168	3/4	59,591	3/4	48,013	3/4	36,436	3/4	25,141	3/4	13,536	3/4	2,053	3/4		3/4		3/4	
4	70,926	4	59,349	4	47,772	4	36,195	4	24,899	4	13,294	4	1,872	4		4		4	
1/4	70,685	1/4	59,108	1/4	47,531	1/4	35,954	1/4	24,657	1/4	13,052	1/4	1,691	1/4		1/4		1/4	
1/2	70,444	1/2	58,867	1/2	47,290	1/2	35,713	1/2	24,415	1/2	12,810	1/2	1,510	1/2		1/2		1/2	
3/4	70,203	3/4	58,626	3/4	47,049	3/4	35,472	3/4	24,173	3/4	12,568	3/4	1,328	3/4		3/4		3/4	
5	69,962	5	58,385	5	46,807	5	35,238	5	23,932	5	12,327	5	1,187	5		5		5	
1/4	69,720	1/4	58,143	1/4	46,566	1/4	35,004	1/4	23,690	1/4	12,085	1/4	1,046	1/4		1/4		1/4	
1/2	69,479	1/2	57,902	1/2	46,325	1/2	34,769	1/2	23,448	1/2	11,843	1/2	905	1/2		1/2		1/2	
3/4	69,238	3/4	57,661	3/4	46,084	3/4	34,535	3/4	23,206	3/4	11,601	3/4	764	3/4		3/4		3/4	
6	68,997	6	57,420	6	45,843	6	34,301	6	22,965	6	11,360	6	664	6		6		6	
1/4	68,756	1/4	57,179	1/4	45,602	1/4	34,067	1/4	22,723	1/4	11,118	1/4	563	1/4		1/4		1/4	
1/2	68,515	1/2	56,937	1/2	45,360	1/2	33,833	1/2	22,481	1/2	10,876	1/2	462	1/2		1/2		1/2	
3/4	68,273	3/4	56,696	3/4	45,119	3/4	33,599	3/4	22,239	3/4	10,634	3/4	361	3/4		3/4		3/4	
7	68,032	7	56,455	7	44,878	7	33,365	7	21,998	7	10,392	7	301	7		7		7	
1/4	67,791	1/4	56,214	1/4	44,637	1/4	33,131	1/4	21,756	1/4	10,151	1/4	240	1/4		1/4		1/4	
1/2	67,550	1/2	55,973	1/2	44,396	1/2	32,897	1/2	21,514	1/2	9,909	1/2	180	1/2		1/2		1/2	
3/4	67,309	3/4	55,731	3/4	44,154	3/4	32,663	3/4	21,272	3/4	9,667	3/4	120	3/4		3/4		3/4	
8	67,067	8	55,490	8	43,913	8	32,429	8	21,030	8	9,425	8	99	8		8		8	
1/4	66,826	1/4	55,249	1/4	43,672	1/4	32,195	1/4	20,789	1/4	9,184	1/4	79	1/4		1/4		1/4	
1/2	66,585	1/2	55,008	1/2	43,431	1/2	31,961	1/2	20,547	1/2	8,942	1/2	59	1/2		1/2		1/2	
3/4	66,344	3/4	54,767	3/4	43,190	3/4	31,727	3/4	20,305	3/4	8,700	3/4	39	3/4		3/4		3/4	
9	66,103	9	54,526	9	42,948	9	31,493	9	20,063	9	8,458	9		9		9		9	
1/4	65,861	1/4	54,284	1/4	42,707	1/4	31,259	1/4	19,822	1/4	8,217	1/4		1/4		1/4		1/4	
1/2	65,620	1/2	54,043	1/2	42,466	1/2	31,025	1/2	19,580	1/2	7,975	1/2		1/2		1/2		1/2	
3/4	65,379	3/4	53,802	3/4	42,225	3/4	30,791	3/4	19,338	3/4	7,733	3/4		3/4		3/4		3/4	
10	65,138	10	53,561	10	41,984	10	30,557	10	19,096	10	7,492	10		10		10		10	
1/4	64,897	1/4	53,320	1/4	41,742	1/4	30,323	1/4	18,854	1/4	7,250	1/4		1/4		1/4		1/4	
1/2	64,655	1/2	53,078	1/2	41,501	1/2	30,089	1/2	18,613	1/2	7,008	1/2		1/2		1/2		1/2	
3/4	64,414	3/4	52,837	3/4	41,260	3/4	29,855	3/4	18,371	3/4	6,767	3/4		3/4		3/4		3/4	
11	64,173	11	52,596	11	41,019	11	29,621	11	18,129	11	6,526	11		11		11		11	
1/4	63,932	1/4	52,355	1/4	40,778	1/4	29,387	1/4	17,887	1/4	6,285	1/4		1/4		1/4		1/4	
1/2	63,691	1/2	52,114	1/2	40,537	1/2	29,153	1/2	17,646	1/2	6,044	1/2		1/2		1/2		1/2	
3/4	63,450	3/4	51,872	3/4	40,295	3/4	28,919	3/4	17,404	3/4	5,803	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2019 SW  
CALCULATED: 01/17/2019 CL  
PRINTED: 01/23/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019

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



# BARGE "CBC 1408"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	190,838	0	180,261	0	166,842	0	153,423	0	140,004	0	126,585	0	113,166	0	99,747
1/4		1/4		1/4	190,815	1/4	179,982	1/4	166,563	1/4	153,144	1/4	139,725	1/4	126,306	1/4	112,887	1/4	99,468
1/2		1/2		1/2	190,791	1/2	179,702	1/2	166,283	1/2	152,864	1/2	139,445	1/2	126,026	1/2	112,607	1/2	99,188
3/4		3/4		3/4	190,722	3/4	179,423	3/4	166,004	3/4	152,585	3/4	139,166	3/4	125,746	3/4	112,327	3/4	98,908
1		1		1	190,652	1	179,143	1	165,724	1	152,305	1	138,886	1	125,467	1	112,048	1	98,629
1/4		1/4		1/4	190,582	1/4	178,863	1/4	165,444	1/4	152,025	1/4	138,606	1/4	125,187	1/4	111,768	1/4	98,349
1/2		1/2		1/2	190,512	1/2	178,584	1/2	165,165	1/2	151,746	1/2	138,327	1/2	124,908	1/2	111,489	1/2	98,070
3/4		3/4		3/4	190,395	3/4	178,304	3/4	164,885	3/4	151,466	3/4	138,047	3/4	124,628	3/4	111,209	3/4	97,790
2		2		2	190,279	2	178,025	2	164,606	2	151,187	2	137,768	2	124,349	2	110,930	2	97,511
1/4		1/4		1/4	190,162	1/4	177,745	1/4	164,326	1/4	150,907	1/4	137,488	1/4	124,069	1/4	110,650	1/4	97,231
1/2		1/2		1/2	190,046	1/2	177,466	1/2	164,047	1/2	150,628	1/2	137,209	1/2	123,790	1/2	110,371	1/2	96,952
3/4		3/4		3/4	189,883	3/4	177,186	3/4	163,767	3/4	150,348	3/4	136,929	3/4	123,510	3/4	110,091	3/4	96,672
3		3		3	189,720	3	176,906	3	163,487	3	150,068	3	136,649	3	123,230	3	109,811	3	96,392
1/4		1/4		1/4	189,557	1/4	176,627	1/4	163,208	1/4	149,789	1/4	136,370	1/4	122,951	1/4	109,532	1/4	96,113
1/2		1/2		1/2	189,394	1/2	176,347	1/2	162,928	1/2	149,509	1/2	136,090	1/2	122,671	1/2	109,252	1/2	95,833
3/4		3/4		3/4	189,184	3/4	176,068	3/4	162,649	3/4	149,230	3/4	135,811	3/4	122,392	3/4	108,973	3/4	95,554
4		4		4	188,974	4	175,788	4	162,369	4	148,950	4	135,531	4	122,112	4	108,693	4	95,274
1/4		1/4		1/4	188,765	1/4	175,509	1/4	162,090	1/4	148,671	1/4	135,252	1/4	121,833	1/4	108,414	1/4	94,995
1/2		1/2		1/2	188,555	1/2	175,229	1/2	161,810	1/2	148,391	1/2	134,972	1/2	121,553	1/2	108,134	1/2	94,715
3/4		3/4		3/4	188,299	3/4	174,950	3/4	161,531	3/4	148,112	3/4	134,692	3/4	121,273	3/4	107,854	3/4	94,435
5		5		5	188,042	5	174,670	5	161,251	5	147,832	5	134,413	5	120,994	5	107,575	5	94,156
1/4		1/4		1/4	187,786	1/4	174,390	1/4	160,971	1/4	147,552	1/4	134,133	1/4	120,714	1/4	107,295	1/4	93,876
1/2		1/2		1/2	187,530	1/2	174,111	1/2	160,692	1/2	147,273	1/2	133,854	1/2	120,435	1/2	107,016	1/2	93,597
3/4		3/4		3/4	187,250	3/4	173,831	3/4	160,412	3/4	146,993	3/4	133,574	3/4	120,155	3/4	106,736	3/4	93,317
6		6		6	186,971	6	173,552	6	160,133	6	146,714	6	133,295	6	119,876	6	106,457	6	93,038
1/4		1/4		1/4	186,691	1/4	173,272	1/4	159,853	1/4	146,434	1/4	133,015	1/4	119,596	1/4	106,177	1/4	92,758
1/2		1/2		1/2	186,412	1/2	172,993	1/2	159,574	1/2	146,155	1/2	132,736	1/2	119,317	1/2	105,898	1/2	92,479
3/4		3/4		3/4	186,132	3/4	172,713	3/4	159,294	3/4	145,875	3/4	132,456	3/4	119,037	3/4	105,618	3/4	92,199
7		7		7	185,852	7	172,433	7	159,014	7	145,595	7	132,176	7	118,757	7	105,338	7	91,919
1/4		1/4		1/4	185,573	1/4	172,154	1/4	158,735	1/4	145,316	1/4	131,897	1/4	118,478	1/4	105,059	1/4	91,640
1/2		1/2		1/2	185,293	1/2	171,874	1/2	158,455	1/2	145,036	1/2	131,617	1/2	118,198	1/2	104,779	1/2	91,360
3/4		3/4		3/4	185,014	3/4	171,595	3/4	158,176	3/4	144,757	3/4	131,338	3/4	117,919	3/4	104,500	3/4	91,081
8		8		8	184,734	8	171,315	8	157,896	8	144,477	8	131,058	8	117,639	8	104,220	8	90,801
1/4		1/4		1/4	184,455	1/4	171,036	1/4	157,617	1/4	144,198	1/4	130,779	1/4	117,360	1/4	103,941	1/4	90,522
1/2		1/2		1/2	184,175	1/2	170,756	1/2	157,337	1/2	143,918	1/2	130,499	1/2	117,080	1/2	103,661	1/2	90,242
3/4		3/4		3/4	183,896	3/4	170,477	3/4	157,058	3/4	143,639	3/4	130,219	3/4	116,800	3/4	103,381	3/4	89,962
9		9		9	183,616	9	170,197	9	156,778	9	143,359	9	129,940	9	116,521	9	103,102	9	89,683
1/4		1/4		1/4	183,336	1/4	169,917	1/4	156,498	1/4	143,079	1/4	129,660	1/4	116,241	1/4	102,822	1/4	89,403
1/2		1/2		1/2	183,057	1/2	169,638	1/2	156,219	1/2	142,800	1/2	129,381	1/2	115,962	1/2	102,543	1/2	89,124
3/4		3/4		3/4	182,777	3/4	169,358	3/4	155,939	3/4	142,520	3/4	129,101	3/4	115,682	3/4	102,263	3/4	88,844
10		10		10	182,498	10	169,079	10	155,660	10	142,241	10	128,822	10	115,403	10	101,984	10	88,565
1/4		1/4		1/4	182,218	1/4	168,799	1/4	155,380	1/4	141,961	1/4	128,542	1/4	115,123	1/4	101,704	1/4	88,285
1/2		1/2		1/2	181,939	1/2	168,520	1/2	155,101	1/2	141,682	1/2	128,263	1/2	114,844	1/2	101,425	1/2	88,006
3/4		3/4		3/4	181,659	3/4	168,240	3/4	154,821	3/4	141,402	3/4	127,983	3/4	114,564	3/4	101,145	3/4	87,726
11		11		11	181,379	11	167,960	11	154,541	11	141,122	11	127,703	11	114,284	11	100,865	11	87,446
1/4		1/4		1/4	181,100	1/4	167,681	1/4	154,262	1/4	140,843	1/4	127,424	1/4	114,005	1/4	100,586	1/4	87,167
1/2		1/2		1/2	180,820	1/2	167,401	1/2	153,982	1/2	140,563	1/2	127,144	1/2	113,725	1/2	100,306	1/2	86,887
3/4		3/4		3/4	180,541	3/4	167,122	3/4	153,703	3/4	140,284	3/4	126,865	3/4	113,446	3/4	100,027	3/4	86,608

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 36'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 1408"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	86,328	0	72,909	0	59,490	0	46,071	0	32,930	0	19,559	0	6,148	0		0			
1/4	86,049	1/4	72,630	1/4	59,211	1/4	45,792	1/4	32,658	1/4	19,279	1/4	5,870	1/4		1/4			1/4
1/2	85,769	1/2	72,350	1/2	58,931	1/2	45,512	1/2	32,387	1/2	19,000	1/2	5,592	1/2		1/2			1/2
3/4	85,489	3/4	72,070	3/4	58,651	3/4	45,232	3/4	32,115	3/4	18,720	3/4	5,316	3/4		3/4			3/4
1	85,210	1	71,791	1	58,372	1	44,953	1	31,844	1	18,441	1	5,040	1		1			1
1/4	84,930	1/4	71,511	1/4	58,092	1/4	44,673	1/4	31,572	1/4	18,161	1/4	4,763	1/4		1/4			1/4
1/2	84,651	1/2	71,232	1/2	57,813	1/2	44,394	1/2	31,300	1/2	17,882	1/2	4,487	1/2		1/2			1/2
3/4	84,371	3/4	70,952	3/4	57,533	3/4	44,114	3/4	31,021	3/4	17,602	3/4	4,213	3/4		3/4			3/4
2	84,092	2	70,673	2	57,254	2	43,835	2	30,741	2	17,323	2	3,939	2		2			2
1/4	83,812	1/4	70,393	1/4	56,974	1/4	43,555	1/4	30,462	1/4	17,043	1/4	3,665	1/4		1/4			1/4
1/2	83,533	1/2	70,113	1/2	56,694	1/2	43,275	1/2	30,182	1/2	16,763	1/2	3,391	1/2		1/2			1/2
3/4	83,253	3/4	69,834	3/4	56,415	3/4	42,996	3/4	29,902	3/4	16,484	3/4	3,135	3/4		3/4			3/4
3	82,973	3	69,554	3	56,135	3	42,716	3	29,623	3	16,204	3	2,880	3		3			3
1/4	82,694	1/4	69,275	1/4	55,856	1/4	42,437	1/4	29,343	1/4	15,925	1/4	2,624	1/4		1/4			1/4
1/2	82,414	1/2	68,995	1/2	55,576	1/2	42,157	1/2	29,064	1/2	15,645	1/2	2,369	1/2		1/2			1/2
3/4	82,135	3/4	68,716	3/4	55,297	3/4	41,885	3/4	28,784	3/4	15,366	3/4	2,159	3/4		3/4			3/4
4	81,855	4	68,436	4	55,017	4	41,614	4	28,505	4	15,086	4	1,949	4		4			4
1/4	81,576	1/4	68,157	1/4	54,738	1/4	41,342	1/4	28,225	1/4	14,807	1/4	1,740	1/4		1/4			1/4
1/2	81,296	1/2	67,877	1/2	54,458	1/2	41,070	1/2	27,946	1/2	14,527	1/2	1,530	1/2		1/2			1/2
3/4	81,016	3/4	67,597	3/4	54,178	3/4	40,799	3/4	27,666	3/4	14,247	3/4	1,367	3/4		3/4			3/4
5	80,737	5	67,318	5	53,899	5	40,528	5	27,386	5	13,968	5	1,204	5		5			5
1/4	80,457	1/4	67,038	1/4	53,619	1/4	40,256	1/4	27,107	1/4	13,688	1/4	1,041	1/4		1/4			1/4
1/2	80,178	1/2	66,759	1/2	53,340	1/2	39,985	1/2	26,827	1/2	13,409	1/2	878	1/2		1/2			1/2
3/4	79,898	3/4	66,479	3/4	53,060	3/4	39,714	3/4	26,548	3/4	13,129	3/4	761	3/4		3/4			3/4
6	79,619	6	66,200	6	52,781	6	39,442	6	26,268	6	12,850	6	645	6		6			6
1/4	79,339	1/4	65,920	1/4	52,501	1/4	39,171	1/4	25,989	1/4	12,570	1/4	528	1/4		1/4			1/4
1/2	79,059	1/2	65,640	1/2	52,221	1/2	38,900	1/2	25,709	1/2	12,291	1/2	412	1/2		1/2			1/2
3/4	78,780	3/4	65,361	3/4	51,942	3/4	38,628	3/4	25,430	3/4	12,011	3/4	342	3/4		3/4			3/4
7	78,500	7	65,081	7	51,662	7	38,357	7	25,150	7	11,731	7	272	7		7			7
1/4	78,221	1/4	64,802	1/4	51,383	1/4	38,085	1/4	24,870	1/4	11,452	1/4	202	1/4		1/4			1/4
1/2	77,941	1/2	64,522	1/2	51,103	1/2	37,814	1/2	24,591	1/2	11,172	1/2	132	1/2		1/2			1/2
3/4	77,662	3/4	64,243	3/4	50,824	3/4	37,543	3/4	24,311	3/4	10,893	3/4	109	3/4		3/4			3/4
8	77,382	8	63,963	8	50,544	8	37,271	8	24,032	8	10,613	8	86	8		8			8
1/4	77,103	1/4	63,684	1/4	50,265	1/4	37,000	1/4	23,752	1/4	10,334	1/4	62	1/4		1/4			1/4
1/2	76,823	1/2	63,404	1/2	49,985	1/2	36,729	1/2	23,473	1/2	10,054	1/2	39	1/2		1/2			1/2
3/4	76,543	3/4	63,124	3/4	49,705	3/4	36,457	3/4	23,193	3/4	9,775	3/4		3/4		3/4			3/4
9	76,264	9	62,845	9	49,426	9	36,186	9	22,914	9	9,495	9		9		9			9
1/4	75,984	1/4	62,565	1/4	49,146	1/4	35,915	1/4	22,634	1/4	9,216	1/4		1/4		1/4			1/4
1/2	75,705	1/2	62,286	1/2	48,867	1/2	35,643	1/2	22,354	1/2	8,936	1/2		1/2		1/2			1/2
3/4	75,425	3/4	62,006	3/4	48,587	3/4	35,372	3/4	22,075	3/4	8,657	3/4		3/4		3/4			3/4
10	75,146	10	61,727	10	48,308	10	35,101	10	21,795	10	8,377	10		10		10			10
1/4	74,866	1/4	61,447	1/4	48,028	1/4	34,829	1/4	21,516	1/4	8,098	1/4		1/4		1/4			1/4
1/2	74,586	1/2	61,167	1/2	47,748	1/2	34,558	1/2	21,236	1/2	7,819	1/2		1/2		1/2			1/2
3/4	74,307	3/4	60,888	3/4	47,469	3/4	34,287	3/4	20,957	3/4	7,540	3/4		3/4		3/4			3/4
11	74,027	11	60,608	11	47,189	11	34,015	11	20,677	11	7,261	11		11		11			11
1/4	73,748	1/4	60,329	1/4	46,910	1/4	33,744	1/4	20,398	1/4	6,983	1/4		1/4		1/4			1/4
1/2	73,468	1/2	60,049	1/2	46,630	1/2	33,472	1/2	20,118	1/2	6,704	1/2		1/2		1/2			1/2
3/4	73,189	3/4	59,770	3/4	46,351	3/4	33,201	3/4	19,839	3/4	6,426	3/4		3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2019 SW  
CALCULATED: 01/17/2019 CL  
PRINTED: 01/23/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019

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



# BARGE "CBC 1408"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	161,998	0	149,996	0	137,994	0	125,992	0	113,989	0	101,987	0	89,985
1/4		1/4		1/4		1/4	161,748	1/4	149,746	1/4	137,744	1/4	125,742	1/4	113,739	1/4	101,737	1/4	89,735
1/2		1/2		1/2		1/2	170,958	1/2	161,498	1/2	149,496	1/2	137,494	1/2	125,491	1/2	113,489	1/2	101,487
3/4		3/4		3/4		3/4	170,937	3/4	161,248	3/4	149,246	3/4	137,244	3/4	125,241	3/4	113,239	3/4	101,237
1		1		1		1	170,916	1	160,998	1	148,996	1	136,994	1	124,991	1	112,989	1	100,987
1/4		1/4		1/4		1/4	170,854	1/4	160,748	1/4	148,746	1/4	136,744	1/4	124,741	1/4	112,739	1/4	100,737
1/2		1/2		1/2		1/2	170,791	1/2	160,498	1/2	148,496	1/2	136,493	1/2	124,491	1/2	112,489	1/2	100,487
3/4		3/4		3/4		3/4	170,729	3/4	160,248	3/4	148,246	3/4	136,243	3/4	124,241	3/4	112,239	3/4	100,237
2		2		2		2	170,666	2	159,998	2	147,996	2	135,993	2	123,991	2	111,989	2	99,987
1/4		1/4		1/4		1/4	170,562	1/4	159,748	1/4	147,746	1/4	135,743	1/4	123,741	1/4	111,739	1/4	99,737
1/2		1/2		1/2		1/2	170,458	1/2	159,498	1/2	147,495	1/2	135,493	1/2	123,491	1/2	111,489	1/2	99,487
3/4		3/4		3/4		3/4	170,354	3/4	159,248	3/4	147,245	3/4	135,243	3/4	123,241	3/4	111,239	3/4	99,237
3		3		3		3	170,250	3	158,998	3	146,995	3	134,993	3	122,991	3	110,989	3	98,987
1/4		1/4		1/4		1/4	170,104	1/4	158,747	1/4	146,745	1/4	134,743	1/4	122,741	1/4	110,739	1/4	98,737
1/2		1/2		1/2		1/2	169,958	1/2	158,497	1/2	146,495	1/2	134,493	1/2	122,491	1/2	110,489	1/2	98,487
3/4		3/4		3/4		3/4	169,812	3/4	158,247	3/4	146,245	3/4	134,243	3/4	122,241	3/4	110,239	3/4	98,237
4		4		4		4	169,666	4	157,997	4	145,995	4	133,993	4	121,991	4	109,989	4	97,986
1/4		1/4		1/4		1/4	169,479	1/4	157,747	1/4	145,745	1/4	133,743	1/4	121,741	1/4	109,739	1/4	97,736
1/2		1/2		1/2		1/2	169,291	1/2	157,497	1/2	145,495	1/2	133,493	1/2	121,491	1/2	109,489	1/2	97,486
3/4		3/4		3/4		3/4	169,104	3/4	157,247	3/4	145,245	3/4	133,243	3/4	121,241	3/4	109,239	3/4	97,236
5		5		5		5	168,916	5	156,997	5	144,995	5	132,993	5	120,991	5	108,988	5	96,986
1/4		1/4		1/4		1/4	168,687	1/4	156,747	1/4	144,745	1/4	132,743	1/4	120,741	1/4	108,738	1/4	96,736
1/2		1/2		1/2		1/2	168,458	1/2	156,497	1/2	144,495	1/2	132,493	1/2	120,491	1/2	108,488	1/2	96,486
3/4		3/4		3/4		3/4	168,228	3/4	156,247	3/4	144,245	3/4	132,243	3/4	120,241	3/4	108,238	3/4	96,236
6		6		6		6	167,999	6	155,997	6	143,995	6	131,993	6	119,990	6	107,988	6	95,986
1/4		1/4		1/4		1/4	167,749	1/4	155,747	1/4	143,745	1/4	131,743	1/4	119,740	1/4	107,738	1/4	95,736
1/2		1/2		1/2		1/2	167,499	1/2	155,497	1/2	143,495	1/2	131,493	1/2	119,490	1/2	107,488	1/2	95,486
3/4		3/4		3/4		3/4	167,249	3/4	155,247	3/4	143,245	3/4	131,243	3/4	119,240	3/4	107,238	3/4	95,236
7		7		7		7	166,999	7	154,997	7	142,995	7	130,992	7	118,990	7	106,988	7	94,986
1/4		1/4		1/4		1/4	166,749	1/4	154,747	1/4	142,745	1/4	130,742	1/4	118,740	1/4	106,738	1/4	94,736
1/2		1/2		1/2		1/2	166,499	1/2	154,497	1/2	142,495	1/2	130,492	1/2	118,490	1/2	106,488	1/2	94,486
3/4		3/4		3/4		3/4	166,249	3/4	154,247	3/4	142,245	3/4	130,242	3/4	118,240	3/4	106,238	3/4	94,236
8		8		8		8	165,999	8	153,997	8	141,994	8	129,992	8	117,990	8	105,988	8	93,986
1/4		1/4		1/4		1/4	165,749	1/4	153,747	1/4	141,744	1/4	129,742	1/4	117,740	1/4	105,738	1/4	93,736
1/2		1/2		1/2		1/2	165,499	1/2	153,497	1/2	141,494	1/2	129,492	1/2	117,490	1/2	105,488	1/2	93,486
3/4		3/4		3/4		3/4	165,249	3/4	153,247	3/4	141,244	3/4	129,242	3/4	117,240	3/4	105,238	3/4	93,236
9		9		9		9	164,999	9	152,996	9	140,994	9	128,992	9	116,990	9	104,988	9	92,986
1/4		1/4		1/4		1/4	164,749	1/4	152,746	1/4	140,744	1/4	128,742	1/4	116,740	1/4	104,738	1/4	92,736
1/2		1/2		1/2		1/2	164,499	1/2	152,496	1/2	140,494	1/2	128,492	1/2	116,490	1/2	104,488	1/2	92,485
3/4		3/4		3/4		3/4	164,248	3/4	152,246	3/4	140,244	3/4	128,242	3/4	116,240	3/4	104,238	3/4	92,235
10		10		10		10	163,998	10	151,996	10	139,994	10	127,992	10	115,990	10	103,988	10	91,985
1/4		1/4		1/4		1/4	163,748	1/4	151,746	1/4	139,744	1/4	127,742	1/4	115,740	1/4	103,738	1/4	91,735
1/2		1/2		1/2		1/2	163,498	1/2	151,496	1/2	139,494	1/2	127,492	1/2	115,490	1/2	103,487	1/2	91,485
3/4		3/4		3/4		3/4	163,248	3/4	151,246	3/4	139,244	3/4	127,242	3/4	115,240	3/4	103,237	3/4	91,235
11		11		11		11	162,998	11	150,996	11	138,994	11	126,992	11	114,990	11	102,987	11	90,985
1/4		1/4		1/4		1/4	162,748	1/4	150,746	1/4	138,744	1/4	126,742	1/4	114,740	1/4	102,737	1/4	90,735
1/2		1/2		1/2		1/2	162,498	1/2	150,496	1/2	138,494	1/2	126,492	1/2	114,489	1/2	102,487	1/2	90,485
3/4		3/4		3/4		3/4	162,248	3/4	150,246	3/4	138,244	3/4	126,242	3/4	114,239	3/4	102,237	3/4	90,235

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.  
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# BARGE "CBC 1408"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	77,983	0	65,981	0	53,979	0	41,976	0	29,994	0	17,998	0	6,000	0		0			
1/4	77,733	1/4	65,731	1/4	53,728	1/4	41,726	1/4	29,745	1/4	17,748	1/4	5,752	1/4		1/4		1/4	
1/2	77,483	1/2	65,481	1/2	53,478	1/2	41,476	1/2	29,496	1/2	17,498	1/2	5,503	1/2		1/2		1/2	
3/4	77,233	3/4	65,231	3/4	53,228	3/4	41,226	3/4	29,246	3/4	17,248	3/4	5,255	3/4		3/4		3/4	
1	76,983	1	64,981	1	52,978	1	40,976	1	28,997	1	16,998	1	5,006	1		1		1	
1/4	76,733	1/4	64,730	1/4	52,728	1/4	40,726	1/4	28,747	1/4	16,748	1/4	4,759	1/4		1/4		1/4	
1/2	76,483	1/2	64,480	1/2	52,478	1/2	40,476	1/2	28,498	1/2	16,498	1/2	4,512	1/2		1/2		1/2	
3/4	76,233	3/4	64,230	3/4	52,228	3/4	40,226	3/4	28,248	3/4	16,248	3/4	4,265	3/4		3/4		3/4	
2	75,983	2	63,980	2	51,978	2	39,976	2	27,998	2	15,998	2	4,017	2		2		2	
1/4	75,732	1/4	63,730	1/4	51,728	1/4	39,726	1/4	27,749	1/4	15,748	1/4	3,772	1/4		1/4		1/4	
1/2	75,482	1/2	63,480	1/2	51,478	1/2	39,476	1/2	27,499	1/2	15,498	1/2	3,527	1/2		1/2		1/2	
3/4	75,232	3/4	63,230	3/4	51,228	3/4	39,226	3/4	27,249	3/4	15,248	3/4	3,282	3/4		3/4		3/4	
3	74,982	3	62,980	3	50,978	3	38,976	3	27,000	3	14,998	3	3,037	3		3		3	
1/4	74,732	1/4	62,730	1/4	50,728	1/4	38,726	1/4	26,750	1/4	14,748	1/4	2,809	1/4		1/4		1/4	
1/2	74,482	1/2	62,480	1/2	50,478	1/2	38,476	1/2	26,500	1/2	14,498	1/2	2,580	1/2		1/2		1/2	
3/4	74,232	3/4	62,230	3/4	50,228	3/4	38,226	3/4	26,250	3/4	14,248	3/4	2,352	3/4		3/4		3/4	
4	73,982	4	61,980	4	49,978	4	37,976	4	25,999	4	13,998	4	2,123	4		4		4	
1/4	73,732	1/4	61,730	1/4	49,728	1/4	37,726	1/4	25,749	1/4	13,748	1/4	1,935	1/4		1/4		1/4	
1/2	73,482	1/2	61,480	1/2	49,478	1/2	37,476	1/2	25,499	1/2	13,498	1/2	1,748	1/2		1/2		1/2	
3/4	73,232	3/4	61,230	3/4	49,228	3/4	37,226	3/4	25,249	3/4	13,248	3/4	1,560	3/4		3/4		3/4	
5	72,982	5	60,980	5	48,978	5	36,976	5	24,999	5	12,998	5	1,373	5		5		5	
1/4	72,732	1/4	60,730	1/4	48,728	1/4	36,726	1/4	24,749	1/4	12,748	1/4	1,227	1/4		1/4		1/4	
1/2	72,482	1/2	60,480	1/2	48,478	1/2	36,477	1/2	24,499	1/2	12,498	1/2	1,081	1/2		1/2		1/2	
3/4	72,232	3/4	60,230	3/4	48,227	3/4	36,227	3/4	24,249	3/4	12,247	3/4	935	3/4		3/4		3/4	
6	71,982	6	59,980	6	47,977	6	35,978	6	23,999	6	11,997	6	790	6		6		6	
1/4	71,732	1/4	59,730	1/4	47,727	1/4	35,729	1/4	23,749	1/4	11,747	1/4	685	1/4		1/4		1/4	
1/2	71,482	1/2	59,480	1/2	47,477	1/2	35,479	1/2	23,499	1/2	11,497	1/2	581	1/2		1/2		1/2	
3/4	71,232	3/4	59,229	3/4	47,227	3/4	35,230	3/4	23,249	3/4	11,247	3/4	477	3/4		3/4		3/4	
7	70,982	7	58,979	7	46,977	7	34,981	7	22,999	7	10,997	7	373	7		7		7	
1/4	70,732	1/4	58,729	1/4	46,727	1/4	34,732	1/4	22,749	1/4	10,747	1/4	310	1/4		1/4		1/4	
1/2	70,482	1/2	58,479	1/2	46,477	1/2	34,482	1/2	22,499	1/2	10,497	1/2	248	1/2		1/2		1/2	
3/4	70,231	3/4	58,229	3/4	46,227	3/4	34,233	3/4	22,249	3/4	10,247	3/4	185	3/4		3/4		3/4	
8	69,981	8	57,979	8	45,977	8	33,984	8	21,999	8	9,997	8	123	8		8		8	
1/4	69,731	1/4	57,729	1/4	45,727	1/4	33,734	1/4	21,749	1/4	9,747	1/4	102	1/4		1/4		1/4	
1/2	69,481	1/2	57,479	1/2	45,477	1/2	33,485	1/2	21,499	1/2	9,497	1/2	81	1/2		1/2		1/2	
3/4	69,231	3/4	57,229	3/4	45,227	3/4	33,236	3/4	21,249	3/4	9,247	3/4	60	3/4		3/4		3/4	
9	68,981	9	56,979	9	44,977	9	32,986	9	20,999	9	8,997	9	40	9		9		9	
1/4	68,731	1/4	56,729	1/4	44,727	1/4	32,737	1/4	20,749	1/4	8,747	1/4		1/4		1/4		1/4	
1/2	68,481	1/2	56,479	1/2	44,477	1/2	32,488	1/2	20,499	1/2	8,497	1/2		1/2		1/2		1/2	
3/4	68,231	3/4	56,229	3/4	44,227	3/4	32,238	3/4	20,249	3/4	8,247	3/4		3/4		3/4		3/4	
10	67,981	10	55,979	10	43,977	10	31,989	10	19,999	10	7,997	10		10		10		10	
1/4	67,731	1/4	55,729	1/4	43,727	1/4	31,740	1/4	19,749	1/4	7,747	1/4		1/4		1/4		1/4	
1/2	67,481	1/2	55,479	1/2	43,477	1/2	31,490	1/2	19,499	1/2	7,497	1/2		1/2		1/2		1/2	
3/4	67,231	3/4	55,229	3/4	43,227	3/4	31,241	3/4	19,248	3/4	7,248	3/4		3/4		3/4		3/4	
11	66,981	11	54,979	11	42,977	11	30,992	11	18,998	11	6,998	11		11		11		11	
1/4	66,731	1/4	54,729	1/4	42,726	1/4	30,742	1/4	18,748	1/4	6,748	1/4		1/4		1/4		1/4	
1/2	66,481	1/2	54,479	1/2	42,476	1/2	30,493	1/2	18,498	1/2	6,499	1/2		1/2		1/2		1/2	
3/4	66,231	3/4	54,229	3/4	42,226	3/4	30,244	3/4	18,248	3/4	6,250	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2019 SW  
CALCULATED: 01/17/2019 CL  
PRINTED: 01/23/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2019

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



# BARGE "CBC 1408"

## 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	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-7/8	01-7/8	- 02-1/4	02-1/4
2 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	01-1/8	- 01-1/8
3 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	- 00-1/4	00-1/4

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

LENGTH BETWEEN DRAFT MARKS: 178'-06"

January 16, 2019

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