



# BARGE "CBC 1423"

## 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	00-3/8	- 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	- 00-1/4	00-1/4	- 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: 181'-09"

March 12, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1423"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	8,725	0	20,362	0	31,816	0	43,311	0	54,920	0	66,529	0	78,115	0	89,703	0	101,317
1/4	60	1/4	8,967	1/4	20,605	1/4	32,051	1/4	43,552	1/4	55,162	1/4	66,771	1/4	78,356	1/4	89,945	1/4	101,559
1/2	80	1/2	9,210	1/2	20,847	1/2	32,285	1/2	43,794	1/2	55,404	1/2	67,013	1/2	78,596	1/2	90,187	1/2	101,801
3/4	100	3/4	9,452	3/4	21,089	3/4	32,520	3/4	44,036	3/4	55,645	3/4	67,255	3/4	78,837	3/4	90,429	3/4	102,043
1	120	1	9,695	1	21,332	1	32,755	1	44,278	1	55,887	1	67,497	1	79,077	1	90,671	1	102,285
1/4	181	1/4	9,937	1/4	21,574	1/4	32,989	1/4	44,520	1/4	56,129	1/4	67,739	1/4	79,318	1/4	90,913	1/4	102,527
1/2	241	1/2	10,179	1/2	21,817	1/2	33,224	1/2	44,762	1/2	56,371	1/2	67,980	1/2	79,558	1/2	91,155	1/2	102,769
3/4	302	3/4	10,422	3/4	22,059	3/4	33,459	3/4	45,004	3/4	56,613	3/4	68,222	3/4	79,799	3/4	91,397	3/4	103,011
2	363	2	10,664	2	22,302	2	33,694	2	45,245	2	56,855	2	68,464	2	80,039	2	91,639	2	103,253
1/4	464	1/4	10,907	1/4	22,544	1/4	33,928	1/4	45,487	1/4	57,097	1/4	68,706	1/4	80,280	1/4	91,881	1/4	103,495
1/2	565	1/2	11,149	1/2	22,787	1/2	34,163	1/2	45,729	1/2	57,339	1/2	68,948	1/2	80,521	1/2	92,123	1/2	103,737
3/4	666	3/4	11,392	3/4	23,029	3/4	34,398	3/4	45,971	3/4	57,580	3/4	69,190	3/4	80,761	3/4	92,365	3/4	103,979
3	767	3	11,634	3	23,271	3	34,632	3	46,213	3	57,822	3	69,432	3	81,002	3	92,607	3	104,221
1/4	908	1/4	11,877	1/4	23,514	1/4	34,867	1/4	46,455	1/4	58,064	1/4	69,674	1/4	81,242	1/4	92,849	1/4	104,463
1/2	1,050	1/2	12,119	1/2	23,756	1/2	35,102	1/2	46,697	1/2	58,306	1/2	69,915	1/2	81,483	1/2	93,091	1/2	104,705
3/4	1,191	3/4	12,361	3/4	23,999	3/4	35,336	3/4	46,938	3/4	58,548	3/4	70,157	3/4	81,723	3/4	93,333	3/4	104,947
4	1,332	4	12,604	4	24,241	4	35,571	4	47,180	4	58,790	4	70,399	4	81,964	4	93,575	4	105,189
1/4	1,514	1/4	12,846	1/4	24,484	1/4	35,813	1/4	47,422	1/4	59,032	1/4	70,641	1/4	82,205	1/4	93,817	1/4	105,431
1/2	1,696	1/2	13,089	1/2	24,726	1/2	36,055	1/2	47,664	1/2	59,273	1/2	70,883	1/2	82,446	1/2	94,059	1/2	105,673
3/4	1,878	3/4	13,331	3/4	24,969	3/4	36,296	3/4	47,906	3/4	59,515	3/4	71,125	3/4	82,687	3/4	94,301	3/4	105,914
5	2,059	5	13,574	5	25,211	5	36,538	5	48,148	5	59,757	5	71,367	5	82,928	5	94,543	5	106,156
1/4	2,281	1/4	13,816	1/4	25,453	1/4	36,780	1/4	48,390	1/4	59,999	1/4	71,608	1/4	83,170	1/4	94,784	1/4	106,398
1/2	2,503	1/2	14,059	1/2	25,696	1/2	37,022	1/2	48,631	1/2	60,241	1/2	71,850	1/2	83,412	1/2	95,026	1/2	106,640
3/4	2,724	3/4	14,301	3/4	25,938	3/4	37,264	3/4	48,873	3/4	60,483	3/4	72,092	3/4	83,654	3/4	95,268	3/4	106,882
6	2,946	6	14,543	6	26,181	6	37,506	6	49,115	6	60,725	6	72,334	6	83,896	6	95,510	6	107,124
1/4	3,183	1/4	14,786	1/4	26,416	1/4	37,748	1/4	49,357	1/4	60,966	1/4	72,575	1/4	84,138	1/4	95,752	1/4	107,366
1/2	3,421	1/2	15,028	1/2	26,651	1/2	37,990	1/2	49,599	1/2	61,208	1/2	72,817	1/2	84,380	1/2	95,994	1/2	107,608
3/4	3,659	3/4	15,271	3/4	26,886	3/4	38,231	3/4	49,841	3/4	61,450	3/4	73,058	3/4	84,622	3/4	96,236	3/4	107,850
7	3,896	7	15,513	7	27,121	7	38,473	7	50,083	7	61,692	7	73,299	7	84,864	7	96,478	7	108,092
1/4	4,136	1/4	15,756	1/4	27,356	1/4	38,715	1/4	50,325	1/4	61,934	1/4	73,540	1/4	85,106	1/4	96,720	1/4	108,334
1/2	4,376	1/2	15,998	1/2	27,591	1/2	38,957	1/2	50,566	1/2	62,176	1/2	73,782	1/2	85,348	1/2	96,962	1/2	108,576
3/4	4,615	3/4	16,241	3/4	27,826	3/4	39,199	3/4	50,808	3/4	62,418	3/4	74,023	3/4	85,590	3/4	97,204	3/4	108,818
8	4,855	8	16,483	8	28,061	8	39,441	8	51,050	8	62,659	8	74,264	8	85,832	8	97,446	8	109,060
1/4	5,096	1/4	16,725	1/4	28,296	1/4	39,683	1/4	51,292	1/4	62,901	1/4	74,505	1/4	86,074	1/4	97,688	1/4	109,302
1/2	5,337	1/2	16,968	1/2	28,531	1/2	39,924	1/2	51,534	1/2	63,143	1/2	74,747	1/2	86,316	1/2	97,930	1/2	109,544
3/4	5,578	3/4	17,210	3/4	28,765	3/4	40,166	3/4	51,776	3/4	63,385	3/4	74,988	3/4	86,558	3/4	98,172	3/4	109,786
9	5,819	9	17,453	9	29,000	9	40,408	9	52,018	9	63,627	9	75,229	9	86,800	9	98,414	9	110,028
1/4	6,061	1/4	17,695	1/4	29,235	1/4	40,650	1/4	52,259	1/4	63,869	1/4	75,470	1/4	87,042	1/4	98,656	1/4	110,270
1/2	6,303	1/2	17,938	1/2	29,469	1/2	40,892	1/2	52,501	1/2	64,111	1/2	75,710	1/2	87,284	1/2	98,898	1/2	110,512
3/4	6,544	3/4	18,180	3/4	29,704	3/4	41,134	3/4	52,743	3/4	64,353	3/4	75,951	3/4	87,526	3/4	99,140	3/4	110,754
10	6,786	10	18,423	10	29,939	10	41,376	10	52,985	10	64,594	10	76,191	10	87,768	10	99,382	10	110,996
1/4	7,028	1/4	18,665	1/4	30,173	1/4	41,617	1/4	53,227	1/4	64,836	1/4	76,432	1/4	88,010	1/4	99,624	1/4	111,237
1/2	7,271	1/2	18,907	1/2	30,408	1/2	41,859	1/2	53,469	1/2	65,078	1/2	76,672	1/2	88,252	1/2	99,866	1/2	111,479
3/4	7,513	3/4	19,150	3/4	30,643	3/4	42,101	3/4	53,711	3/4	65,320	3/4	76,913	3/4	88,494	3/4	100,108	3/4	111,721
11	7,755	11	19,392	11	30,877	11	42,343	11	53,952	11	65,562	11	77,153	11	88,736	11	100,349	11	111,963
1/4	7,997	1/4	19,635	1/4	31,112	1/4	42,585	1/4	54,194	1/4	65,804	1/4	77,394	1/4	88,978	1/4	100,591	1/4	112,205
1/2	8,240	1/2	19,877	1/2	31,347	1/2	42,827	1/2	54,436	1/2	66,046	1/2	77,634	1/2	89,219	1/2	100,833	1/2	112,447
3/4	8,482	3/4	20,120	3/4	31,581	3/4	43,069	3/4	54,678	3/4	66,287	3/4	77,875	3/4	89,461	3/4	101,075	3/4	112,689

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'-00" FORWARD OF AFT BULKHEAD.

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

Pearland, Texas 77588  
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# BARGE "CBC 1423"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	112,931	0	122,489	0	130,629	0	138,768	0	146,908	0		0		0		0		0	
1/4	113,173	1/4	122,659	1/4	130,798	1/4	138,938	1/4	147,077	1/4		1/4		1/4		1/4		1/4	
1/2	113,414	1/2	122,828	1/2	130,968	1/2	139,107	1/2	147,247	1/2		1/2		1/2		1/2		1/2	
3/4	113,655	3/4	122,998	3/4	131,138	3/4	139,277	3/4	147,417	3/4		3/4		3/4		3/4		3/4	
1	113,897	1	123,168	1	131,307	1	139,447	1	147,586	1		1		1		1		1	
1/4	114,138	1/4	123,337	1/4	131,477	1/4	139,616	1/4	147,756	1/4		1/4		1/4		1/4		1/4	
1/2	114,380	1/2	123,507	1/2	131,646	1/2	139,786	1/2	147,925	1/2		1/2		1/2		1/2		1/2	
3/4	114,621	3/4	123,676	3/4	131,816	3/4	139,955	3/4	148,095	3/4		3/4		3/4		3/4		3/4	
2	114,862	2	123,846	2	131,985	2	140,125	2	148,264	2		2		2		2		2	
1/4	115,104	1/4	124,015	1/4	132,155	1/4	140,294	1/4	148,434	1/4		1/4		1/4		1/4		1/4	
1/2	115,345	1/2	124,185	1/2	132,325	1/2	140,464	1/2	148,604	1/2		1/2		1/2		1/2		1/2	
3/4	115,587	3/4	124,355	3/4	132,494	3/4	140,634	3/4	148,773	3/4		3/4		3/4		3/4		3/4	
3	115,828	3	124,524	3	132,664	3	140,803	3	148,943	3		3		3		3		3	
1/4	116,069	1/4	124,694	1/4	132,833	1/4	140,973	1/4	149,165	1/4		1/4		1/4		1/4		1/4	
1/2	116,311	1/2	124,863	1/2	133,003	1/2	141,142	1/2	149,387	1/2		1/2		1/2		1/2		1/2	
3/4	116,552	3/4	125,033	3/4	133,172	3/4	141,312	3/4	149,609	3/4		3/4		3/4		3/4		3/4	
4	116,794	4	125,202	4	133,342	4	141,481	4	149,832	4		4		4		4		4	
1/4	117,035	1/4	125,372	1/4	133,512	1/4	141,651	1/4	150,014	1/4		1/4		1/4		1/4		1/4	
1/2	117,276	1/2	125,542	1/2	133,681	1/2	141,821	1/2	150,195	1/2		1/2		1/2		1/2		1/2	
3/4	117,518	3/4	125,711	3/4	133,851	3/4	141,990	3/4	150,377	3/4		3/4		3/4		3/4		3/4	
5	117,759	5	125,881	5	134,020	5	142,160	5	150,559	5		5		5		5		5	
1/4	117,928	1/4	126,050	1/4	134,190	1/4	142,329	1/4	150,701	1/4		1/4		1/4		1/4		1/4	
1/2	118,096	1/2	126,220	1/2	134,359	1/2	142,499	1/2	150,842	1/2		1/2		1/2		1/2		1/2	
3/4	118,265	3/4	126,389	3/4	134,529	3/4	142,669	3/4	150,983	3/4		3/4		3/4		3/4		3/4	
6	118,433	6	126,559	6	134,699	6	142,838	6	151,125	6		6		6		6		6	
1/4	118,602	1/4	126,729	1/4	134,868	1/4	143,008	1/4	151,226	1/4		1/4		1/4		1/4		1/4	
1/2	118,771	1/2	126,898	1/2	135,038	1/2	143,177	1/2	151,327	1/2		1/2		1/2		1/2		1/2	
3/4	118,940	3/4	127,068	3/4	135,207	3/4	143,347	3/4	151,428	3/4		3/4		3/4		3/4		3/4	
7	119,109	7	127,237	7	135,377	7	143,516	7	151,529	7		7		7		7		7	
1/4	119,278	1/4	127,407	1/4	135,546	1/4	143,686	1/4	151,589	1/4		1/4		1/4		1/4		1/4	
1/2	119,447	1/2	127,576	1/2	135,716	1/2	143,856	1/2	151,650	1/2		1/2		1/2		1/2		1/2	
3/4	119,616	3/4	127,746	3/4	135,886	3/4	144,025	3/4	151,711	3/4		3/4		3/4		3/4		3/4	
8	119,785	8	127,916	8	136,055	8	144,195	8	151,771	8		8		8		8		8	
1/4	119,954	1/4	128,085	1/4	136,225	1/4	144,364	1/4	151,792	1/4		1/4		1/4		1/4		1/4	
1/2	120,123	1/2	128,255	1/2	136,394	1/2	144,534	1/2	151,812	1/2		1/2		1/2		1/2		1/2	
3/4	120,292	3/4	128,424	3/4	136,564	3/4	144,703	3/4		3/4		3/4		3/4		3/4		3/4	
9	120,461	9	128,594	9	136,733	9	144,873	9		9		9		9		9		9	
1/4	120,630	1/4	128,763	1/4	136,903	1/4	145,043	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,799	1/2	128,933	1/2	137,073	1/2	145,212	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,968	3/4	129,103	3/4	137,242	3/4	145,382	3/4		3/4		3/4		3/4		3/4		3/4	
10	121,137	10	129,272	10	137,412	10	145,551	10		10		10		10		10		10	
1/4	121,306	1/4	129,442	1/4	137,581	1/4	145,721	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,475	1/2	129,611	1/2	137,751	1/2	145,890	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,644	3/4	129,781	3/4	137,920	3/4	146,060	3/4		3/4		3/4		3/4		3/4		3/4	
11	121,813	11	129,950	11	138,090	11	146,230	11		11		11		11		11		11	
1/4	121,982	1/4	130,120	1/4	138,260	1/4	146,399	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,151	1/2	130,290	1/2	138,429	1/2	146,569	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,320	3/4	130,459	3/4	138,599	3/4	146,738	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/12/2020 JS  
CALCULATED: 03/13/2020 CL  
PRINTED: 03/16/2020 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020



# BARGE "CBC 1423"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	10,068	0	23,504	0	36,777	0	50,051	0	63,488	0	76,924	0	90,361	0	103,798	0	117,234
1/4	63	1/4	10,348	1/4	23,784	1/4	37,049	1/4	50,331	1/4	63,768	1/4	77,204	1/4	90,641	1/4	104,078	1/4	117,514
1/2	86	1/2	10,627	1/2	24,064	1/2	37,321	1/2	50,611	1/2	64,048	1/2	77,484	1/2	90,921	1/2	104,358	1/2	117,794
3/4	109	3/4	10,907	3/4	24,344	3/4	37,592	3/4	50,891	3/4	64,327	3/4	77,764	3/4	91,201	3/4	104,638	3/4	118,074
1	133	1	11,187	1	24,624	1	37,864	1	51,171	1	64,607	1	78,044	1	91,481	1	104,917	1	118,354
1/4	203	1/4	11,467	1/4	24,903	1/4	38,136	1/4	51,451	1/4	64,887	1/4	78,324	1/4	91,761	1/4	105,197	1/4	118,634
1/2	273	1/2	11,747	1/2	25,183	1/2	38,408	1/2	51,731	1/2	65,167	1/2	78,604	1/2	92,041	1/2	105,477	1/2	118,914
3/4	343	3/4	12,027	3/4	25,463	3/4	38,679	3/4	52,011	3/4	65,447	3/4	78,884	3/4	92,321	3/4	105,757	3/4	119,194
2	413	2	12,307	2	25,743	2	38,951	2	52,290	2	65,727	2	79,164	2	92,601	2	106,037	2	119,474
1/4	529	1/4	12,587	1/4	26,023	1/4	39,223	1/4	52,570	1/4	66,007	1/4	79,444	1/4	92,880	1/4	106,317	1/4	119,754
1/2	646	1/2	12,867	1/2	26,303	1/2	39,494	1/2	52,850	1/2	66,287	1/2	79,724	1/2	93,160	1/2	106,597	1/2	120,034
3/4	762	3/4	13,147	3/4	26,583	3/4	39,766	3/4	53,130	3/4	66,567	3/4	80,004	3/4	93,440	3/4	106,877	3/4	120,314
3	879	3	13,427	3	26,863	3	40,038	3	53,410	3	66,847	3	80,284	3	93,720	3	107,157	3	120,594
1/4	1,042	1/4	13,707	1/4	27,143	1/4	40,310	1/4	53,690	1/4	67,127	1/4	80,563	1/4	94,000	1/4	107,437	1/4	120,874
1/2	1,206	1/2	13,986	1/2	27,423	1/2	40,581	1/2	53,970	1/2	67,407	1/2	80,843	1/2	94,280	1/2	107,717	1/2	121,153
3/4	1,369	3/4	14,266	3/4	27,703	3/4	40,853	3/4	54,250	3/4	67,687	3/4	81,123	3/4	94,560	3/4	107,997	3/4	121,433
4	1,532	4	14,546	4	27,983	4	41,125	4	54,530	4	67,967	4	81,403	4	94,840	4	108,277	4	121,713
1/4	1,742	1/4	14,826	1/4	28,263	1/4	41,397	1/4	54,810	1/4	68,247	1/4	81,683	1/4	95,120	1/4	108,557	1/4	121,993
1/2	1,952	1/2	15,106	1/2	28,542	1/2	41,669	1/2	55,090	1/2	68,526	1/2	81,963	1/2	95,400	1/2	108,837	1/2	122,273
3/4	2,162	3/4	15,386	3/4	28,822	3/4	41,941	3/4	55,370	3/4	68,806	3/4	82,243	3/4	95,680	3/4	109,116	3/4	122,553
5	2,372	5	15,666	5	29,102	5	42,213	5	55,650	5	69,086	5	82,523	5	95,960	5	109,396	5	122,833
1/4	2,628	1/4	15,946	1/4	29,382	1/4	42,493	1/4	55,930	1/4	69,366	1/4	82,803	1/4	96,240	1/4	109,676	1/4	123,113
1/2	2,884	1/2	16,226	1/2	29,662	1/2	42,773	1/2	56,209	1/2	69,646	1/2	83,083	1/2	96,520	1/2	109,956	1/2	123,393
3/4	3,140	3/4	16,506	3/4	29,942	3/4	43,053	3/4	56,489	3/4	69,926	3/4	83,363	3/4	96,799	3/4	110,236	3/4	123,673
6	3,395	6	16,786	6	30,222	6	43,333	6	56,769	6	70,206	6	83,643	6	97,079	6	110,516	6	123,953
1/4	3,670	1/4	17,066	1/4	30,502	1/4	43,613	1/4	57,049	1/4	70,486	1/4	83,923	1/4	97,359	1/4	110,796	1/4	124,233
1/2	3,944	1/2	17,346	1/2	30,782	1/2	43,893	1/2	57,329	1/2	70,766	1/2	84,203	1/2	97,639	1/2	111,076	1/2	124,513
3/4	4,218	3/4	17,625	3/4	31,062	3/4	44,172	3/4	57,609	3/4	71,046	3/4	84,483	3/4	97,919	3/4	111,356	3/4	124,793
7	4,493	7	17,905	7	31,342	7	44,452	7	57,889	7	71,326	7	84,762	7	98,199	7	111,636	7	125,073
1/4	4,770	1/4	18,185	1/4	31,614	1/4	44,732	1/4	58,169	1/4	71,606	1/4	85,042	1/4	98,479	1/4	111,916	1/4	125,352
1/2	5,046	1/2	18,465	1/2	31,886	1/2	45,012	1/2	58,449	1/2	71,886	1/2	85,322	1/2	98,759	1/2	112,196	1/2	125,632
3/4	5,323	3/4	18,745	3/4	32,158	3/4	45,292	3/4	58,729	3/4	72,166	3/4	85,602	3/4	99,039	3/4	112,476	3/4	125,912
8	5,600	8	19,025	8	32,430	8	45,572	8	59,009	8	72,445	8	85,882	8	99,319	8	112,756	8	126,192
1/4	5,878	1/4	19,305	1/4	32,702	1/4	45,852	1/4	59,289	1/4	72,725	1/4	86,162	1/4	99,599	1/4	113,035	1/4	126,472
1/2	6,156	1/2	19,585	1/2	32,973	1/2	46,132	1/2	59,569	1/2	73,005	1/2	86,442	1/2	99,879	1/2	113,315	1/2	126,752
3/4	6,435	3/4	19,865	3/4	33,245	3/4	46,412	3/4	59,849	3/4	73,285	3/4	86,722	3/4	100,159	3/4	113,595	3/4	127,032
9	6,713	9	20,145	9	33,517	9	46,692	9	60,129	9	73,565	9	87,002	9	100,439	9	113,875	9	127,312
1/4	6,992	1/4	20,425	1/4	33,788	1/4	46,972	1/4	60,408	1/4	73,845	1/4	87,282	1/4	100,719	1/4	114,155	1/4	127,592
1/2	7,271	1/2	20,705	1/2	34,060	1/2	47,252	1/2	60,688	1/2	74,125	1/2	87,562	1/2	100,998	1/2	114,435	1/2	127,872
3/4	7,550	3/4	20,985	3/4	34,332	3/4	47,532	3/4	60,968	3/4	74,405	3/4	87,842	3/4	101,278	3/4	114,715	3/4	128,152
10	7,829	10	21,264	10	34,604	10	47,812	10	61,248	10	74,685	10	88,122	10	101,558	10	114,995	10	128,432
1/4	8,109	1/4	21,544	1/4	34,875	1/4	48,091	1/4	61,528	1/4	74,965	1/4	88,402	1/4	101,838	1/4	115,275	1/4	128,712
1/2	8,389	1/2	21,824	1/2	35,147	1/2	48,371	1/2	61,808	1/2	75,245	1/2	88,681	1/2	102,118	1/2	115,555	1/2	128,992
3/4	8,668	3/4	22,104	3/4	35,419	3/4	48,651	3/4	62,088	3/4	75,525	3/4	88,961	3/4	102,398	3/4	115,835	3/4	129,271
11	8,948	11	22,384	11	35,690	11	48,931	11	62,368	11	75,805	11	89,241	11	102,678	11	116,115	11	129,551
1/4	9,228	1/4	22,664	1/4	35,962	1/4	49,211	1/4	62,648	1/4	76,085	1/4	89,521	1/4	102,958	1/4	116,395	1/4	129,831
1/2	9,508	1/2	22,944	1/2	36,234	1/2	49,491	1/2	62,928	1/2	76,365	1/2	89,801	1/2	103,238	1/2	116,675	1/2	130,111
3/4	9,788	3/4	23,224	3/4	36,506	3/4	49,771	3/4	63,208	3/4	76,644	3/4	90,081	3/4	103,518	3/4	116,955	3/4	130,391

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'-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 1423"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	130,671	0	144,108	0	157,545	0	170,981	0	184,418	0		0		0		0		0	
1/4	130,951	1/4	144,388	1/4	157,824	1/4	171,261	1/4	184,698	1/4		1/4		1/4		1/4		1/4	
1/2	131,231	1/2	144,668	1/2	158,104	1/2	171,541	1/2	184,978	1/2		1/2		1/2		1/2		1/2	
3/4	131,511	3/4	144,948	3/4	158,384	3/4	171,821	3/4	185,258	3/4		3/4		3/4		3/4		3/4	
1	131,791	1	145,228	1	158,664	1	172,101	1	185,538	1		1		1		1		1	
1/4	132,071	1/4	145,507	1/4	158,944	1/4	172,381	1/4	185,818	1/4		1/4		1/4		1/4		1/4	
1/2	132,351	1/2	145,787	1/2	159,224	1/2	172,661	1/2	186,097	1/2		1/2		1/2		1/2		1/2	
3/4	132,631	3/4	146,067	3/4	159,504	3/4	172,941	3/4	186,377	3/4		3/4		3/4		3/4		3/4	
2	132,911	2	146,347	2	159,784	2	173,221	2	186,657	2		2		2		2		2	
1/4	133,191	1/4	146,627	1/4	160,064	1/4	173,501	1/4	186,937	1/4		1/4		1/4		1/4		1/4	
1/2	133,470	1/2	146,907	1/2	160,344	1/2	173,781	1/2	187,217	1/2		1/2		1/2		1/2		1/2	
3/4	133,750	3/4	147,187	3/4	160,624	3/4	174,060	3/4	187,497	3/4		3/4		3/4		3/4		3/4	
3	134,030	3	147,467	3	160,904	3	174,340	3	187,777	3		3		3		3		3	
1/4	134,310	1/4	147,747	1/4	161,184	1/4	174,620	1/4	188,034	1/4		1/4		1/4		1/4		1/4	
1/2	134,590	1/2	148,027	1/2	161,464	1/2	174,900	1/2	188,290	1/2		1/2		1/2		1/2		1/2	
3/4	134,870	3/4	148,307	3/4	161,743	3/4	175,180	3/4	188,547	3/4		3/4		3/4		3/4		3/4	
4	135,150	4	148,587	4	162,023	4	175,460	4	188,803	4		4		4		4		4	
1/4	135,430	1/4	148,867	1/4	162,303	1/4	175,740	1/4	189,013	1/4		1/4		1/4		1/4		1/4	
1/2	135,710	1/2	149,147	1/2	162,583	1/2	176,020	1/2	189,223	1/2		1/2		1/2		1/2		1/2	
3/4	135,990	3/4	149,427	3/4	162,863	3/4	176,300	3/4	189,433	3/4		3/4		3/4		3/4		3/4	
5	136,270	5	149,706	5	163,143	5	176,580	5	189,643	5		5		5		5		5	
1/4	136,550	1/4	149,986	1/4	163,423	1/4	176,860	1/4	189,807	1/4		1/4		1/4		1/4		1/4	
1/2	136,830	1/2	150,266	1/2	163,703	1/2	177,140	1/2	189,970	1/2		1/2		1/2		1/2		1/2	
3/4	137,110	3/4	150,546	3/4	163,983	3/4	177,420	3/4	190,133	3/4		3/4		3/4		3/4		3/4	
6	137,389	6	150,826	6	164,263	6	177,700	6	190,296	6		6		6		6		6	
1/4	137,669	1/4	151,106	1/4	164,543	1/4	177,979	1/4	190,413	1/4		1/4		1/4		1/4		1/4	
1/2	137,949	1/2	151,386	1/2	164,823	1/2	178,259	1/2	190,530	1/2		1/2		1/2		1/2		1/2	
3/4	138,229	3/4	151,666	3/4	165,103	3/4	178,539	3/4	190,646	3/4		3/4		3/4		3/4		3/4	
7	138,509	7	151,946	7	165,383	7	178,819	7	190,763	7		7		7		7		7	
1/4	138,789	1/4	152,226	1/4	165,663	1/4	179,099	1/4	190,833	1/4		1/4		1/4		1/4		1/4	
1/2	139,069	1/2	152,506	1/2	165,942	1/2	179,379	1/2	190,903	1/2		1/2		1/2		1/2		1/2	
3/4	139,349	3/4	152,786	3/4	166,222	3/4	179,659	3/4	190,973	3/4		3/4		3/4		3/4		3/4	
8	139,629	8	153,066	8	166,502	8	179,939	8	191,043	8		8		8		8		8	
1/4	139,909	1/4	153,346	1/4	166,782	1/4	180,219	1/4	191,066	1/4		1/4		1/4		1/4		1/4	
1/2	140,189	1/2	153,625	1/2	167,062	1/2	180,499	1/2	191,090	1/2		1/2		1/2		1/2		1/2	
3/4	140,469	3/4	153,905	3/4	167,342	3/4	180,779	3/4	191,113	3/4		3/4		3/4		3/4		3/4	
9	140,749	9	154,185	9	167,622	9	181,059	9	191,136	9		9		9		9		9	
1/4	141,029	1/4	154,465	1/4	167,902	1/4	181,339	1/4	191,159	1/4		1/4		1/4		1/4		1/4	
1/2	141,309	1/2	154,745	1/2	168,182	1/2	181,619	1/2	191,182	1/2		1/2		1/2		1/2		1/2	
3/4	141,588	3/4	155,025	3/4	168,462	3/4	181,899	3/4	191,205	3/4		3/4		3/4		3/4		3/4	
10	141,868	10	155,305	10	168,742	10	182,178	10	191,228	10		10		10		10		10	
1/4	142,148	1/4	155,585	1/4	169,022	1/4	182,458	1/4	191,251	1/4		1/4		1/4		1/4		1/4	
1/2	142,428	1/2	155,865	1/2	169,302	1/2	182,738	1/2	191,274	1/2		1/2		1/2		1/2		1/2	
3/4	142,708	3/4	156,145	3/4	169,582	3/4	183,018	3/4	191,297	3/4		3/4		3/4		3/4		3/4	
11	142,988	11	156,425	11	169,861	11	183,298	11	191,320	11		11		11		11		11	
1/4	143,268	1/4	156,705	1/4	170,141	1/4	183,578	1/4	191,343	1/4		1/4		1/4		1/4		1/4	
1/2	143,548	1/2	156,985	1/2	170,421	1/2	183,858	1/2	191,366	1/2		1/2		1/2		1/2		1/2	
3/4	143,828	3/4	157,265	3/4	170,701	3/4	184,138	3/4	191,389	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/12/2020 JS  
CALCULATED: 03/13/2020 CL  
PRINTED: 03/16/2020 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020



# BARGE "CBC 1423"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	9,008	0	21,024	0	33,026	0	45,031	0	57,047	0	69,064	0	81,080	0	93,097	0	105,113
1/4	60	1/4	9,258	1/4	21,274	1/4	33,275	1/4	45,281	1/4	57,298	1/4	69,314	1/4	81,331	1/4	93,347	1/4	105,364
1/2	81	1/2	9,508	1/2	21,525	1/2	33,525	1/2	45,531	1/2	57,548	1/2	69,565	1/2	81,581	1/2	93,598	1/2	105,614
3/4	102	3/4	9,759	3/4	21,775	3/4	33,775	3/4	45,782	3/4	57,798	3/4	69,815	3/4	81,831	3/4	93,848	3/4	105,864
1	123	1	10,009	1	22,025	1	34,024	1	46,032	1	58,049	1	70,065	1	82,082	1	94,098	1	106,115
1/4	186	1/4	10,259	1/4	22,276	1/4	34,274	1/4	46,282	1/4	58,299	1/4	70,316	1/4	82,332	1/4	94,349	1/4	106,365
1/2	248	1/2	10,510	1/2	22,526	1/2	34,523	1/2	46,533	1/2	58,549	1/2	70,566	1/2	82,582	1/2	94,599	1/2	106,616
3/4	311	3/4	10,760	3/4	22,776	3/4	34,773	3/4	46,783	3/4	58,800	3/4	70,816	3/4	82,833	3/4	94,849	3/4	106,866
2	373	2	11,010	2	23,027	2	35,023	2	47,033	2	59,050	2	71,067	2	83,083	2	95,100	2	107,116
1/4	478	1/4	11,261	1/4	23,277	1/4	35,272	1/4	47,284	1/4	59,300	1/4	71,317	1/4	83,333	1/4	95,350	1/4	107,367
1/2	582	1/2	11,511	1/2	23,527	1/2	35,522	1/2	47,534	1/2	59,551	1/2	71,567	1/2	83,584	1/2	95,600	1/2	107,617
3/4	686	3/4	11,761	3/4	23,778	3/4	35,772	3/4	47,785	3/4	59,801	3/4	71,818	3/4	83,834	3/4	95,851	3/4	107,867
3	790	3	12,012	3	24,028	3	36,021	3	48,035	3	60,051	3	72,068	3	84,084	3	96,101	3	108,118
1/4	936	1/4	12,262	1/4	24,278	1/4	36,271	1/4	48,285	1/4	60,302	1/4	72,318	1/4	84,335	1/4	96,351	1/4	108,368
1/2	1,083	1/2	12,512	1/2	24,529	1/2	36,520	1/2	48,536	1/2	60,552	1/2	72,569	1/2	84,585	1/2	96,602	1/2	108,618
3/4	1,229	3/4	12,763	3/4	24,779	3/4	36,770	3/4	48,786	3/4	60,802	3/4	72,819	3/4	84,836	3/4	96,852	3/4	108,869
4	1,375	4	13,013	4	25,029	4	37,020	4	49,036	4	61,053	4	73,069	4	85,086	4	97,102	4	109,119
1/4	1,562	1/4	13,264	1/4	25,280	1/4	37,270	1/4	49,287	1/4	61,303	1/4	73,320	1/4	85,336	1/4	97,353	1/4	109,369
1/2	1,750	1/2	13,514	1/2	25,530	1/2	37,520	1/2	49,537	1/2	61,553	1/2	73,570	1/2	85,587	1/2	97,603	1/2	109,620
3/4	1,938	3/4	13,764	3/4	25,780	3/4	37,771	3/4	49,787	3/4	61,804	3/4	73,820	3/4	85,837	3/4	97,853	3/4	109,870
5	2,126	5	14,015	5	26,031	5	38,021	5	50,038	5	62,054	5	74,071	5	86,087	5	98,104	5	110,120
1/4	2,354	1/4	14,265	1/4	26,281	1/4	38,271	1/4	50,288	1/4	62,305	1/4	74,321	1/4	86,338	1/4	98,354	1/4	110,371
1/2	2,583	1/2	14,515	1/2	26,531	1/2	38,522	1/2	50,538	1/2	62,555	1/2	74,571	1/2	86,588	1/2	98,604	1/2	110,621
3/4	2,812	3/4	14,766	3/4	26,782	3/4	38,772	3/4	50,789	3/4	62,805	3/4	74,822	3/4	86,838	3/4	98,855	3/4	110,871
6	3,041	6	15,016	6	27,032	6	39,022	6	51,039	6	63,056	6	75,072	6	87,089	6	99,105	6	111,122
1/4	3,286	1/4	15,266	1/4	27,282	1/4	39,273	1/4	51,289	1/4	63,306	1/4	75,322	1/4	87,339	1/4	99,356	1/4	111,372
1/2	3,532	1/2	15,517	1/2	27,532	1/2	39,523	1/2	51,540	1/2	63,556	1/2	75,573	1/2	87,589	1/2	99,606	1/2	111,622
3/4	3,777	3/4	15,767	3/4	27,782	3/4	39,774	3/4	51,790	3/4	63,807	3/4	75,823	3/4	87,840	3/4	99,856	3/4	111,873
7	4,022	7	16,017	7	28,032	7	40,024	7	52,040	7	64,057	7	76,073	7	88,090	7	100,107	7	112,123
1/4	4,270	1/4	16,268	1/4	28,282	1/4	40,274	1/4	52,291	1/4	64,307	1/4	76,324	1/4	88,340	1/4	100,357	1/4	112,373
1/2	4,517	1/2	16,518	1/2	28,532	1/2	40,525	1/2	52,541	1/2	64,558	1/2	76,574	1/2	88,591	1/2	100,607	1/2	112,624
3/4	4,765	3/4	16,768	3/4	28,782	3/4	40,775	3/4	52,791	3/4	64,808	3/4	76,825	3/4	88,841	3/4	100,858	3/4	112,874
8	5,012	8	17,019	8	29,032	8	41,025	8	53,042	8	65,058	8	77,075	8	89,091	8	101,108	8	113,124
1/4	5,261	1/4	17,269	1/4	29,281	1/4	41,276	1/4	53,292	1/4	65,309	1/4	77,325	1/4	89,342	1/4	101,358	1/4	113,375
1/2	5,510	1/2	17,519	1/2	29,531	1/2	41,526	1/2	53,542	1/2	65,559	1/2	77,576	1/2	89,592	1/2	101,609	1/2	113,625
3/4	5,759	3/4	17,770	3/4	29,781	3/4	41,776	3/4	53,793	3/4	65,809	3/4	77,826	3/4	89,842	3/4	101,859	3/4	113,876
9	6,008	9	18,020	9	30,030	9	42,027	9	54,043	9	66,060	9	78,076	9	90,093	9	102,109	9	114,126
1/4	6,257	1/4	18,270	1/4	30,280	1/4	42,277	1/4	54,293	1/4	66,310	1/4	78,327	1/4	90,343	1/4	102,360	1/4	114,376
1/2	6,507	1/2	18,521	1/2	30,530	1/2	42,527	1/2	54,544	1/2	66,560	1/2	78,577	1/2	90,593	1/2	102,610	1/2	114,627
3/4	6,756	3/4	18,771	3/4	30,779	3/4	42,778	3/4	54,794	3/4	66,811	3/4	78,827	3/4	90,844	3/4	102,860	3/4	114,877
10	7,006	10	19,021	10	31,029	10	43,028	10	55,045	10	67,061	10	79,078	10	91,094	10	103,111	10	115,127
1/4	7,256	1/4	19,272	1/4	31,278	1/4	43,278	1/4	55,295	1/4	67,311	1/4	79,328	1/4	91,344	1/4	103,361	1/4	115,378
1/2	7,506	1/2	19,522	1/2	31,528	1/2	43,529	1/2	55,545	1/2	67,562	1/2	79,578	1/2	91,595	1/2	103,611	1/2	115,628
3/4	7,756	3/4	19,772	3/4	31,778	3/4	43,779	3/4	55,796	3/4	67,812	3/4	79,829	3/4	91,845	3/4	103,862	3/4	115,878
11	8,007	11	20,023	11	32,027	11	44,029	11	56,046	11	68,062	11	80,079	11	92,096	11	104,112	11	116,129
1/4	8,257	1/4	20,273	1/4	32,277	1/4	44,280	1/4	56,296	1/4	68,313	1/4	80,329	1/4	92,346	1/4	104,362	1/4	116,379
1/2	8,507	1/2	20,523	1/2	32,527	1/2	44,530	1/2	56,547	1/2	68,563	1/2	80,580	1/2	92,596	1/2	104,613	1/2	116,629
3/4	8,757	3/4	20,774	3/4	32,776	3/4	44,780	3/4	56,797	3/4	68,813	3/4	80,830	3/4	92,847	3/4	104,863	3/4	116,880

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'-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 1423"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	117,130	0	129,147	0	141,163	0	153,180	0	165,196	0		0		0		0		0	
1/4	117,380	1/4	129,397	1/4	141,413	1/4	153,430	1/4	165,446	1/4		1/4		1/4		1/4		1/4	
1/2	117,631	1/2	129,647	1/2	141,664	1/2	153,680	1/2	165,697	1/2		1/2		1/2		1/2		1/2	
3/4	117,881	3/4	129,898	3/4	141,914	3/4	153,931	3/4	165,947	3/4		3/4		3/4		3/4		3/4	
1	118,131	1	130,148	1	142,164	1	154,181	1	166,198	1		1		1		1		1	
1/4	118,382	1/4	130,398	1/4	142,415	1/4	154,431	1/4	166,448	1/4		1/4		1/4		1/4		1/4	
1/2	118,632	1/2	130,649	1/2	142,665	1/2	154,682	1/2	166,698	1/2		1/2		1/2		1/2		1/2	
3/4	118,882	3/4	130,899	3/4	142,915	3/4	154,932	3/4	166,949	3/4		3/4		3/4		3/4		3/4	
2	119,133	2	131,149	2	143,166	2	155,182	2	167,199	2		2		2		2		2	
1/4	119,383	1/4	131,400	1/4	143,416	1/4	155,433	1/4	167,449	1/4		1/4		1/4		1/4		1/4	
1/2	119,633	1/2	131,650	1/2	143,667	1/2	155,683	1/2	167,700	1/2		1/2		1/2		1/2		1/2	
3/4	119,884	3/4	131,900	3/4	143,917	3/4	155,933	3/4	167,950	3/4		3/4		3/4		3/4		3/4	
3	120,134	3	132,151	3	144,167	3	156,184	3	168,200	3		3		3		3		3	
1/4	120,384	1/4	132,401	1/4	144,418	1/4	156,434	1/4	168,430	1/4		1/4		1/4		1/4		1/4	
1/2	120,635	1/2	132,651	1/2	144,668	1/2	156,684	1/2	168,659	1/2		1/2		1/2		1/2		1/2	
3/4	120,885	3/4	132,902	3/4	144,918	3/4	156,935	3/4	168,889	3/4		3/4		3/4		3/4		3/4	
4	121,135	4	133,152	4	145,169	4	157,185	4	169,118	4		4		4		4		4	
1/4	121,386	1/4	133,402	1/4	145,419	1/4	157,435	1/4	169,306	1/4		1/4		1/4		1/4		1/4	
1/2	121,636	1/2	133,653	1/2	145,669	1/2	157,686	1/2	169,494	1/2		1/2		1/2		1/2		1/2	
3/4	121,887	3/4	133,903	3/4	145,920	3/4	157,936	3/4	169,681	3/4		3/4		3/4		3/4		3/4	
5	122,137	5	134,153	5	146,170	5	158,186	5	169,869	5		5		5		5		5	
1/4	122,387	1/4	134,404	1/4	146,420	1/4	158,437	1/4	170,015	1/4		1/4		1/4		1/4		1/4	
1/2	122,638	1/2	134,654	1/2	146,671	1/2	158,687	1/2	170,161	1/2		1/2		1/2		1/2		1/2	
3/4	122,888	3/4	134,904	3/4	146,921	3/4	158,938	3/4	170,307	3/4		3/4		3/4		3/4		3/4	
6	123,138	6	135,155	6	147,171	6	159,188	6	170,453	6		6		6		6		6	
1/4	123,389	1/4	135,405	1/4	147,422	1/4	159,438	1/4	170,558	1/4		1/4		1/4		1/4		1/4	
1/2	123,639	1/2	135,655	1/2	147,672	1/2	159,689	1/2	170,662	1/2		1/2		1/2		1/2		1/2	
3/4	123,889	3/4	135,906	3/4	147,922	3/4	159,939	3/4	170,766	3/4		3/4		3/4		3/4		3/4	
7	124,140	7	136,156	7	148,173	7	160,189	7	170,871	7		7		7		7		7	
1/4	124,390	1/4	136,407	1/4	148,423	1/4	160,440	1/4	170,933	1/4		1/4		1/4		1/4		1/4	
1/2	124,640	1/2	136,657	1/2	148,673	1/2	160,690	1/2	170,996	1/2		1/2		1/2		1/2		1/2	
3/4	124,891	3/4	136,907	3/4	148,924	3/4	160,940	3/4	171,058	3/4		3/4		3/4		3/4		3/4	
8	125,141	8	137,158	8	149,174	8	161,191	8	171,121	8		8		8		8		8	
1/4	125,391	1/4	137,408	1/4	149,424	1/4	161,441	1/4	171,142	1/4		1/4		1/4		1/4		1/4	
1/2	125,642	1/2	137,658	1/2	149,675	1/2	161,691	1/2	171,163	1/2		1/2		1/2		1/2		1/2	
3/4	125,892	3/4	137,909	3/4	149,925	3/4	161,942	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,142	9	138,159	9	150,175	9	162,192	9		9		9		9		9		9	
1/4	126,393	1/4	138,409	1/4	150,426	1/4	162,442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,643	1/2	138,660	1/2	150,676	1/2	162,693	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,893	3/4	138,910	3/4	150,927	3/4	162,943	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,144	10	139,160	10	151,177	10	163,193	10		10		10		10		10		10	
1/4	127,394	1/4	139,411	1/4	151,427	1/4	163,444	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,644	1/2	139,661	1/2	151,678	1/2	163,694	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,895	3/4	139,911	3/4	151,928	3/4	163,944	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,145	11	140,162	11	152,178	11	164,195	11		11		11		11		11		11	
1/4	128,395	1/4	140,412	1/4	152,429	1/4	164,445	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,646	1/2	140,662	1/2	152,679	1/2	164,695	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,896	3/4	140,913	3/4	152,929	3/4	164,946	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/12/2020 JS  
CALCULATED: 03/13/2020 CL  
PRINTED: 03/16/2020 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020



# BARGE "CBC 1423"

## 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	- 00-3/8	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	00-1/4	- 00-1/4	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: 181'-09"

March 12, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1423"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	151,711	0	144,025	0	135,886	0	127,746	0	119,616	0	108,818	0	97,204	0	85,590
1/4		1/4		1/4	151,650	1/4	143,856	1/4	135,716	1/4	127,577	1/4	119,447	1/4	108,576	1/4	96,962	1/4	85,348
1/2		1/2		1/2	151,590	1/2	143,686	1/2	135,547	1/2	127,407	1/2	119,278	1/2	108,334	1/2	96,720	1/2	85,106
3/4		3/4		3/4	151,529	3/4	143,517	3/4	135,377	3/4	127,238	3/4	119,109	3/4	108,092	3/4	96,478	3/4	84,864
1		1		1	151,428	1	143,347	1	135,208	1	127,068	1	118,940	1	107,850	1	96,236	1	84,622
1/4		1/4		1/4	151,327	1/4	143,177	1/4	135,038	1/4	126,898	1/4	118,771	1/4	107,608	1/4	95,995	1/4	84,380
1/2		1/2		1/2	151,226	1/2	143,008	1/2	134,868	1/2	126,729	1/2	118,602	1/2	107,366	1/2	95,753	1/2	84,138
3/4		3/4		3/4	151,125	3/4	142,838	3/4	134,699	3/4	126,559	3/4	118,433	3/4	107,124	3/4	95,511	3/4	83,897
2		2		2	150,984	2	142,669	2	134,529	2	126,390	2	118,265	2	106,883	2	95,269	2	83,655
1/4		1/4		1/4	150,842	1/4	142,499	1/4	134,360	1/4	126,220	1/4	118,096	1/4	106,641	1/4	95,027	1/4	83,413
1/2		1/2		1/2	150,701	1/2	142,330	1/2	134,190	1/2	126,051	1/2	117,928	1/2	106,399	1/2	94,785	1/2	83,171
3/4		3/4		3/4	150,559	3/4	142,160	3/4	134,021	3/4	125,881	3/4	117,759	3/4	106,157	3/4	94,543	3/4	82,929
3		3		3	150,377	3	141,990	3	133,851	3	125,711	3	117,518	3	105,915	3	94,301	3	82,687
1/4		1/4		1/4	150,196	1/4	141,821	1/4	133,681	1/4	125,542	1/4	117,277	1/4	105,673	1/4	94,059	1/4	82,446
1/2		1/2		1/2	150,014	1/2	141,651	1/2	133,512	1/2	125,372	1/2	117,035	1/2	105,431	1/2	93,817	1/2	82,205
3/4		3/4		3/4	149,832	3/4	141,482	3/4	133,342	3/4	125,203	3/4	116,794	3/4	105,189	3/4	93,575	3/4	81,964
4		4		4	149,610	4	141,312	4	133,173	4	125,033	4	116,552	4	104,947	4	93,333	4	81,723
1/4		1/4		1/4	149,387	1/4	141,143	1/4	133,003	1/4	124,864	1/4	116,311	1/4	104,705	1/4	93,091	1/4	81,483
1/2		1/2		1/2	149,165	1/2	140,973	1/2	132,834	1/2	124,694	1/2	116,070	1/2	104,463	1/2	92,849	1/2	81,242
3/4		3/4		3/4	148,943	3/4	140,803	3/4	132,664	3/4	124,524	3/4	115,828	3/4	104,221	3/4	92,607	3/4	81,002
5		5		5	148,773	5	140,634	5	132,494	5	124,355	5	115,587	5	103,979	5	92,365	5	80,761
1/4		1/4		1/4	148,604	1/4	140,464	1/4	132,325	1/4	124,185	1/4	115,345	1/4	103,737	1/4	92,123	1/4	80,521
1/2		1/2		1/2	148,434	1/2	140,295	1/2	132,155	1/2	124,016	1/2	115,104	1/2	103,495	1/2	91,881	1/2	80,280
3/4		3/4		3/4	148,265	3/4	140,125	3/4	131,986	3/4	123,846	3/4	114,863	3/4	103,253	3/4	91,639	3/4	80,040
6		6		6	148,095	6	139,956	6	131,816	6	123,677	6	114,621	6	103,011	6	91,397	6	79,799
1/4		1/4		1/4	147,926	1/4	139,786	1/4	131,646	1/4	123,507	1/4	114,380	1/4	102,769	1/4	91,155	1/4	79,559
1/2		1/2		1/2	147,756	1/2	139,616	1/2	131,477	1/2	123,337	1/2	114,138	1/2	102,527	1/2	90,913	1/2	79,318
3/4		3/4		3/4	147,586	3/4	139,447	3/4	131,307	3/4	123,168	3/4	113,897	3/4	102,285	3/4	90,671	3/4	79,078
7		7		7	147,417	7	139,277	7	131,138	7	122,998	7	113,656	7	102,043	7	90,430	7	78,837
1/4		1/4		1/4	147,247	1/4	139,108	1/4	130,968	1/4	122,829	1/4	113,414	1/4	101,801	1/4	90,188	1/4	78,597
1/2		1/2		1/2	147,078	1/2	138,938	1/2	130,799	1/2	122,659	1/2	113,173	1/2	101,560	1/2	89,946	1/2	78,356
3/4		3/4		3/4	146,908	3/4	138,769	3/4	130,629	3/4	122,490	3/4	112,931	3/4	101,318	3/4	89,704	3/4	78,116
8		8		8	146,739	8	138,599	8	130,459	8	122,321	8	112,689	8	101,076	8	89,462	8	77,875
1/4		1/4		1/4	146,569	1/4	138,429	1/4	130,290	1/4	122,152	1/4	112,448	1/4	100,834	1/4	89,220	1/4	77,635
1/2		1/2		1/2	146,399	1/2	138,260	1/2	130,120	1/2	121,983	1/2	112,206	1/2	100,592	1/2	88,978	1/2	77,394
3/4		3/4		3/4	146,230	3/4	138,090	3/4	129,951	3/4	121,814	3/4	111,964	3/4	100,350	3/4	88,736	3/4	77,154
9		9		9	146,060	9	137,921	9	129,781	9	121,645	9	111,722	9	100,108	9	88,494	9	76,913
1/4		1/4		1/4	145,891	1/4	137,751	1/4	129,612	1/4	121,475	1/4	111,480	1/4	99,866	1/4	88,252	1/4	76,673
1/2		1/2		1/2	145,721	1/2	137,582	1/2	129,442	1/2	121,306	1/2	111,238	1/2	99,624	1/2	88,010	1/2	76,432
3/4		3/4		3/4	145,552	3/4	137,412	3/4	129,272	3/4	121,137	3/4	110,996	3/4	99,382	3/4	87,768	3/4	76,192
10		10		10	145,382	10	137,242	10	129,103	10	120,968	10	110,754	10	99,140	10	87,526	10	75,951
1/4		1/4		1/4	145,212	1/4	137,073	1/4	128,933	1/4	120,799	1/4	110,512	1/4	98,898	1/4	87,284	1/4	75,711
1/2		1/2		1/2	145,043	1/2	136,903	1/2	128,764	1/2	120,630	1/2	110,270	1/2	98,656	1/2	87,042	1/2	75,470
3/4		3/4		3/4	144,873	3/4	136,734	3/4	128,594	3/4	120,461	3/4	110,028	3/4	98,414	3/4	86,800	3/4	75,230
11		11		11	144,704	11	136,564	11	128,425	11	120,292	11	109,786	11	98,172	11	86,558	11	74,988
1/4		1/4		1/4	151,812	1/4	144,534	1/4	136,395	1/4	128,255	1/4	109,544	1/4	97,930	1/4	86,316	1/4	74,747
1/2		1/2		1/2	151,792	1/2	144,364	1/2	136,225	1/2	128,085	1/2	109,302	1/2	97,688	1/2	86,074	1/2	74,506
3/4		3/4		3/4	151,772	3/4	144,195	3/4	136,055	3/4	127,916	3/4	109,060	3/4	97,446	3/4	85,832	3/4	74,264

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'-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 1423"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	74,023	0	62,418	0	50,808	0	39,199	0	27,827	0	16,241	0	4,616	0		0		0	
1/4	73,782	1/4	62,176	1/4	50,567	1/4	38,957	1/4	27,591	1/4	15,998	1/4	4,376	1/4	1/4		1/4		1/4
1/2	73,541	1/2	61,934	1/2	50,325	1/2	38,715	1/2	27,356	1/2	15,756	1/2	4,136	1/2	1/2		1/2		1/2
3/4	73,299	3/4	61,692	3/4	50,083	3/4	38,474	3/4	27,121	3/4	15,513	3/4	3,897	3/4	3/4		3/4		3/4
1	73,058	1	61,450	1	49,841	1	38,232	1	26,886	1	15,271	1	3,659	1	1		1		1
1/4	72,817	1/4	61,209	1/4	49,599	1/4	37,990	1/4	26,651	1/4	15,029	1/4	3,421	1/4	1/4		1/4		1/4
1/2	72,576	1/2	60,967	1/2	49,357	1/2	37,748	1/2	26,416	1/2	14,786	1/2	3,184	1/2	1/2		1/2		1/2
3/4	72,334	3/4	60,725	3/4	49,115	3/4	37,506	3/4	26,181	3/4	14,544	3/4	2,946	3/4	3/4		3/4		3/4
2	72,092	2	60,483	2	48,874	2	37,264	2	25,939	2	14,301	2	2,724	2	2		2		2
1/4	71,851	1/4	60,241	1/4	48,632	1/4	37,022	1/4	25,696	1/4	14,059	1/4	2,503	1/4	1/4		1/4		1/4
1/2	71,609	1/2	59,999	1/2	48,390	1/2	36,780	1/2	25,454	1/2	13,816	1/2	2,281	1/2	1/2		1/2		1/2
3/4	71,367	3/4	59,757	3/4	48,148	3/4	36,539	3/4	25,211	3/4	13,574	3/4	2,060	3/4	3/4		3/4		3/4
3	71,125	3	59,516	3	47,906	3	36,297	3	24,969	3	13,331	3	1,878	3	3		3		3
1/4	70,883	1/4	59,274	1/4	47,664	1/4	36,055	1/4	24,726	1/4	13,089	1/4	1,696	1/4	1/4		1/4		1/4
1/2	70,641	1/2	59,032	1/2	47,422	1/2	35,813	1/2	24,484	1/2	12,847	1/2	1,514	1/2	1/2		1/2		1/2
3/4	70,399	3/4	58,790	3/4	47,181	3/4	35,571	3/4	24,242	3/4	12,604	3/4	1,333	3/4	3/4		3/4		3/4
4	70,157	4	58,548	4	46,939	4	35,336	4	23,999	4	12,362	4	1,191	4	4		4		4
1/4	69,916	1/4	58,306	1/4	46,697	1/4	35,102	1/4	23,757	1/4	12,119	1/4	1,050	1/4	1/4		1/4		1/4
1/2	69,674	1/2	58,064	1/2	46,455	1/2	34,867	1/2	23,514	1/2	11,877	1/2	908	1/2	1/2		1/2		1/2
3/4	69,432	3/4	57,822	3/4	46,213	3/4	34,632	3/4	23,272	3/4	11,634	3/4	767	3/4	3/4		3/4		3/4
5	69,190	5	57,581	5	45,971	5	34,398	5	23,029	5	11,392	5	666	5	5		5		5
1/4	68,948	1/4	57,339	1/4	45,729	1/4	34,163	1/4	22,787	1/4	11,149	1/4	565	1/4	1/4		1/4		1/4
1/2	68,706	1/2	57,097	1/2	45,488	1/2	33,928	1/2	22,544	1/2	10,907	1/2	464	1/2	1/2		1/2		1/2
3/4	68,464	3/4	56,855	3/4	45,246	3/4	33,694	3/4	22,302	3/4	10,665	3/4	363	3/4	3/4		3/4		3/4
6	68,223	6	56,613	6	45,004	6	33,459	6	22,060	6	10,422	6	302	6	6		6		6
1/4	67,981	1/4	56,371	1/4	44,762	1/4	33,224	1/4	21,817	1/4	10,180	1/4	242	1/4	1/4		1/4		1/4
1/2	67,739	1/2	56,129	1/2	44,520	1/2	32,990	1/2	21,575	1/2	9,937	1/2	181	1/2	1/2		1/2		1/2
3/4	67,497	3/4	55,888	3/4	44,278	3/4	32,755	3/4	21,332	3/4	9,695	3/4	121	3/4	3/4		3/4		3/4
7	67,255	7	55,646	7	44,036	7	32,520	7	21,090	7	9,452	7	100	7	7		7		7
1/4	67,013	1/4	55,404	1/4	43,794	1/4	32,286	1/4	20,847	1/4	9,210	1/4	80	1/4	1/4		1/4		1/4
1/2	66,771	1/2	55,162	1/2	43,553	1/2	32,051	1/2	20,605	1/2	8,967	1/2	60	1/2	1/2		1/2		1/2
3/4	66,530	3/4	54,920	3/4	43,311	3/4	31,816	3/4	20,362	3/4	8,725	3/4	39	3/4	3/4		3/4		3/4
8	66,288	8	54,678	8	43,069	8	31,582	8	20,120	8	8,483	8		8	8		8		8
1/4	66,046	1/4	54,436	1/4	42,827	1/4	31,347	1/4	19,877	1/4	8,240	1/4		1/4	1/4		1/4		1/4
1/2	65,804	1/2	54,195	1/2	42,585	1/2	31,112	1/2	19,635	1/2	7,998	1/2		1/2	1/2		1/2		1/2
3/4	65,562	3/4	53,953	3/4	42,343	3/4	30,878	3/4	19,393	3/4	7,755	3/4		3/4	3/4		3/4		3/4
9	65,320	9	53,711	9	42,101	9	30,643	9	19,150	9	7,513	9		9	9		9		9
1/4	65,078	1/4	53,469	1/4	41,860	1/4	30,408	1/4	18,908	1/4	7,271	1/4		1/4	1/4		1/4		1/4
1/2	64,837	1/2	53,227	1/2	41,618	1/2	30,174	1/2	18,665	1/2	7,029	1/2		1/2	1/2		1/2		1/2
3/4	64,595	3/4	52,985	3/4	41,376	3/4	29,939	3/4	18,423	3/4	6,786	3/4		3/4	3/4		3/4		3/4
10	64,353	10	52,743	10	41,134	10	29,704	10	18,180	10	6,545	10		10	10		10		10
1/4	64,111	1/4	52,502	1/4	40,892	1/4	29,470	1/4	17,938	1/4	6,303	1/4		1/4	1/4		1/4		1/4
1/2	63,869	1/2	52,260	1/2	40,650	1/2	29,235	1/2	17,695	1/2	6,061	1/2		1/2	1/2		1/2		1/2
3/4	63,627	3/4	52,018	3/4	40,408	3/4	29,000	3/4	17,453	3/4	5,819	3/4		3/4	3/4		3/4		3/4
11	63,385	11	51,776	11	40,167	11	28,766	11	17,211	11	5,578	11		11	11		11		11
1/4	63,143	1/4	51,534	1/4	39,925	1/4	28,531	1/4	16,968	1/4	5,337	1/4		1/4	1/4		1/4		1/4
1/2	62,902	1/2	51,292	1/2	39,683	1/2	28,296	1/2	16,726	1/2	5,096	1/2		1/2	1/2		1/2		1/2
3/4	62,660	3/4	51,050	3/4	39,441	3/4	28,062	3/4	16,483	3/4	4,855	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/12/2020 JS  
CALCULATED: 03/13/2020 CL  
PRINTED: 03/16/2020 SW

PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020



# BARGE "CBC 1423"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	191,043	0	179,939	0	166,503	0	153,066	0	139,629	0	126,193	0	112,756	0	99,319
1/4		1/4		1/4	190,973	1/4	179,660	1/4	166,223	1/4	152,786	1/4	139,349	1/4	125,913	1/4	112,476	1/4	99,039
1/2		1/2		1/2	190,903	1/2	179,380	1/2	165,943	1/2	152,506	1/2	139,070	1/2	125,633	1/2	112,196	1/2	98,759
3/4		3/4		3/4	190,833	3/4	179,100	3/4	165,663	3/4	152,226	3/4	138,790	3/4	125,353	3/4	111,916	3/4	98,480
1		1		1	190,763	1	178,820	1	165,383	1	151,946	1	138,510	1	125,073	1	111,636	1	98,200
1/4		1/4		1/4	190,647	1/4	178,540	1/4	165,103	1/4	151,666	1/4	138,230	1/4	124,793	1/4	111,356	1/4	97,920
1/2		1/2		1/2	190,530	1/2	178,260	1/2	164,823	1/2	151,386	1/2	137,950	1/2	124,513	1/2	111,076	1/2	97,640
3/4		3/4		3/4	190,414	3/4	177,980	3/4	164,543	3/4	151,107	3/4	137,670	3/4	124,233	3/4	110,796	3/4	97,360
2		2		2	190,297	2	177,700	2	164,263	2	150,827	2	137,390	2	123,953	2	110,517	2	97,080
1/4		1/4		1/4	190,134	1/4	177,420	1/4	163,983	1/4	150,547	1/4	137,110	1/4	123,673	1/4	110,237	1/4	96,800
1/2		1/2		1/2	189,970	1/2	177,140	1/2	163,703	1/2	150,267	1/2	136,830	1/2	123,393	1/2	109,957	1/2	96,520
3/4		3/4		3/4	189,807	3/4	176,860	3/4	163,424	3/4	149,987	3/4	136,550	3/4	123,113	3/4	109,677	3/4	96,240
3		3		3	189,644	3	176,580	3	163,144	3	149,707	3	136,270	3	122,834	3	109,397	3	95,960
1/4		1/4		1/4	189,434	1/4	176,300	1/4	162,864	1/4	149,427	1/4	135,990	1/4	122,554	1/4	109,117	1/4	95,680
1/2		1/2		1/2	189,224	1/2	176,020	1/2	162,584	1/2	149,147	1/2	135,710	1/2	122,274	1/2	108,837	1/2	95,400
3/4		3/4		3/4	189,014	3/4	175,740	3/4	162,304	3/4	148,867	3/4	135,430	3/4	121,994	3/4	108,557	3/4	95,120
4		4		4	188,804	4	175,461	4	162,024	4	148,587	4	135,150	4	121,714	4	108,277	4	94,840
1/4		1/4		1/4	188,547	1/4	175,181	1/4	161,744	1/4	148,307	1/4	134,871	1/4	121,434	1/4	107,997	1/4	94,560
1/2		1/2		1/2	188,291	1/2	174,901	1/2	161,464	1/2	148,027	1/2	134,591	1/2	121,154	1/2	107,717	1/2	94,281
3/4		3/4		3/4	188,034	3/4	174,621	3/4	161,184	3/4	147,747	3/4	134,311	3/4	120,874	3/4	107,437	3/4	94,001
5		5		5	187,778	5	174,341	5	160,904	5	147,467	5	134,031	5	120,594	5	107,157	5	93,721
1/4		1/4		1/4	187,498	1/4	174,061	1/4	160,624	1/4	147,188	1/4	133,751	1/4	120,314	1/4	106,877	1/4	93,441
1/2		1/2		1/2	187,218	1/2	173,781	1/2	160,344	1/2	146,908	1/2	133,471	1/2	120,034	1/2	106,598	1/2	93,161
3/4		3/4		3/4	186,938	3/4	173,501	3/4	160,064	3/4	146,628	3/4	133,191	3/4	119,754	3/4	106,318	3/4	92,881
6		6		6	186,658	6	173,221	6	159,784	6	146,348	6	132,911	6	119,474	6	106,038	6	92,601
1/4		1/4		1/4	186,378	1/4	172,941	1/4	159,504	1/4	146,068	1/4	132,631	1/4	119,194	1/4	105,758	1/4	92,321
1/2		1/2		1/2	186,098	1/2	172,661	1/2	159,225	1/2	145,788	1/2	132,351	1/2	118,914	1/2	105,478	1/2	92,041
3/4		3/4		3/4	185,818	3/4	172,381	3/4	158,945	3/4	145,508	3/4	132,071	3/4	118,635	3/4	105,198	3/4	91,761
7		7		7	185,538	7	172,101	7	158,665	7	145,228	7	131,791	7	118,355	7	104,918	7	91,481
1/4		1/4		1/4	185,258	1/4	171,821	1/4	158,385	1/4	144,948	1/4	131,511	1/4	118,075	1/4	104,638	1/4	91,201
1/2		1/2		1/2	184,978	1/2	171,542	1/2	158,105	1/2	144,668	1/2	131,231	1/2	117,795	1/2	104,358	1/2	90,921
3/4		3/4		3/4	184,698	3/4	171,262	3/4	157,825	3/4	144,388	3/4	130,952	3/4	117,515	3/4	104,078	3/4	90,641
8		8		8	184,418	8	170,982	8	157,545	8	144,108	8	130,672	8	117,235	8	103,798	8	90,362
1/4		1/4		1/4	184,138	1/4	170,702	1/4	157,265	1/4	143,828	1/4	130,392	1/4	116,955	1/4	103,518	1/4	90,082
1/2		1/2		1/2	183,858	1/2	170,422	1/2	156,985	1/2	143,548	1/2	130,112	1/2	116,675	1/2	103,238	1/2	89,802
3/4		3/4		3/4	183,579	3/4	170,142	3/4	156,705	3/4	143,268	3/4	129,832	3/4	116,395	3/4	102,958	3/4	89,522
9		9		9	183,299	9	169,862	9	156,425	9	142,989	9	129,552	9	116,115	9	102,678	9	89,242
1/4		1/4		1/4	183,019	1/4	169,582	1/4	156,145	1/4	142,709	1/4	129,272	1/4	115,835	1/4	102,399	1/4	88,962
1/2		1/2		1/2	182,739	1/2	169,302	1/2	155,865	1/2	142,429	1/2	128,992	1/2	115,555	1/2	102,119	1/2	88,682
3/4		3/4		3/4	182,459	3/4	169,022	3/4	155,585	3/4	142,149	3/4	128,712	3/4	115,275	3/4	101,839	3/4	88,402
10		10		10	182,179	10	168,742	10	155,306	10	141,869	10	128,432	10	114,995	10	101,559	10	88,122
1/4		1/4		1/4	181,899	1/4	168,462	1/4	155,026	1/4	141,589	1/4	128,152	1/4	114,716	1/4	101,279	1/4	87,842
1/2		1/2		1/2	181,619	1/2	168,182	1/2	154,746	1/2	141,309	1/2	127,872	1/2	114,436	1/2	100,999	1/2	87,562
3/4		3/4		3/4	181,339	3/4	167,902	3/4	154,466	3/4	141,029	3/4	127,592	3/4	114,156	3/4	100,719	3/4	87,282
11		11		11	181,059	11	167,622	11	154,186	11	140,749	11	127,312	11	113,876	11	100,439	11	87,002
1/4		1/4		1/4	180,779	1/4	167,343	1/4	153,906	1/4	140,469	1/4	127,032	1/4	113,596	1/4	100,159	1/4	86,722
1/2		1/2		1/2	191,090	1/2	180,499	1/2	167,063	1/2	153,626	1/2	140,189	1/2	126,753	1/2	113,316	1/2	99,879
3/4		3/4		3/4	191,067	3/4	180,219	3/4	166,783	3/4	153,346	3/4	139,909	3/4	126,473	3/4	113,036	3/4	99,599

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'-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 1423"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	85,883	0	72,446	0	59,009	0	45,573	0	32,430	0	19,026	0	5,600	0		0		0	
1/4	85,603	1/4	72,166	1/4	58,729	1/4	45,293	1/4	32,158	1/4	18,746	1/4	5,324	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,323	1/2	71,886	1/2	58,449	1/2	45,013	1/2	31,886	1/2	18,466	1/2	5,047	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,043	3/4	71,606	3/4	58,169	3/4	44,733	3/4	31,614	3/4	18,186	3/4	4,770	3/4	3/4	3/4	3/4	3/4	3/4
1	84,763	1	71,326	1	57,890	1	44,453	1	31,342	1	17,906	1	4,493	1	1	1	1	1	1
1/4	84,483	1/4	71,046	1/4	57,610	1/4	44,173	1/4	31,062	1/4	17,626	1/4	4,219	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,203	1/2	70,766	1/2	57,330	1/2	43,893	1/2	30,782	1/2	17,346	1/2	3,945	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,923	3/4	70,486	3/4	57,050	3/4	43,613	3/4	30,502	3/4	17,066	3/4	3,670	3/4	3/4	3/4	3/4	3/4	3/4
2	83,643	2	70,207	2	56,770	2	43,333	2	30,222	2	16,786	2	3,396	2	2	2	2	2	2
1/4	83,363	1/4	69,927	1/4	56,490	1/4	43,053	1/4	29,943	1/4	16,506	1/4	3,140	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,083	1/2	69,647	1/2	56,210	1/2	42,773	1/2	29,663	1/2	16,226	1/2	2,884	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,803	3/4	69,367	3/4	55,930	3/4	42,493	3/4	29,383	3/4	15,946	3/4	2,628	3/4	3/4	3/4	3/4	3/4	3/4
3	82,523	3	69,087	3	55,650	3	42,213	3	29,103	3	15,666	3	2,372	3	3	3	3	3	3
1/4	82,244	1/4	68,807	1/4	55,370	1/4	41,941	1/4	28,823	1/4	15,387	1/4	2,162	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,964	1/2	68,527	1/2	55,090	1/2	41,669	1/2	28,543	1/2	15,107	1/2	1,953	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,684	3/4	68,247	3/4	54,810	3/4	41,397	3/4	28,263	3/4	14,827	3/4	1,743	3/4	3/4	3/4	3/4	3/4	3/4
4	81,404	4	67,967	4	54,530	4	41,125	4	27,983	4	14,547	4	1,533	4	4	4	4	4	4
1/4	81,124	1/4	67,687	1/4	54,250	1/4	40,853	1/4	27,703	1/4	14,267	1/4	1,369	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,844	1/2	67,407	1/2	53,971	1/2	40,582	1/2	27,423	1/2	13,987	1/2	1,206	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,564	3/4	67,127	3/4	53,691	3/4	40,310	3/4	27,143	3/4	13,707	3/4	1,043	3/4	3/4	3/4	3/4	3/4	3/4
5	80,284	5	66,847	5	53,411	5	40,038	5	26,863	5	13,427	5	880	5	5	5	5	5	5
1/4	80,004	1/4	66,567	1/4	53,131	1/4	39,767	1/4	26,583	1/4	13,147	1/4	763	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,724	1/2	66,287	1/2	52,851	1/2	39,495	1/2	26,304	1/2	12,867	1/2	646	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,444	3/4	66,008	3/4	52,571	3/4	39,223	3/4	26,024	3/4	12,587	3/4	530	3/4	3/4	3/4	3/4	3/4	3/4
6	79,164	6	65,728	6	52,291	6	38,951	6	25,744	6	12,307	6	413	6	6	6	6	6	6
1/4	78,884	1/4	65,448	1/4	52,011	1/4	38,680	1/4	25,464	1/4	12,028	1/4	343	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,604	1/2	65,168	1/2	51,731	1/2	38,408	1/2	25,184	1/2	11,748	1/2	273	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,325	3/4	64,888	3/4	51,451	3/4	38,136	3/4	24,904	3/4	11,468	3/4	203	3/4	3/4	3/4	3/4	3/4	3/4
7	78,045	7	64,608	7	51,171	7	37,865	7	24,624	7	11,188	7	133	7	7	7	7	7	7
1/4	77,765	1/4	64,328	1/4	50,891	1/4	37,593	1/4	24,344	1/4	10,908	1/4	110	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,485	1/2	64,048	1/2	50,611	1/2	37,321	1/2	24,064	1/2	10,628	1/2	86	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,205	3/4	63,768	3/4	50,331	3/4	37,049	3/4	23,784	3/4	10,348	3/4	63	3/4	3/4	3/4	3/4	3/4	3/4
8	76,925	8	63,488	8	50,051	8	36,778	8	23,504	8	10,068	8	39	8	8	8	8	8	8
1/4	76,645	1/4	63,208	1/4	49,772	1/4	36,506	1/4	23,224	1/4	9,788	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,365	1/2	62,928	1/2	49,492	1/2	36,234	1/2	22,944	1/2	9,508	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,085	3/4	62,648	3/4	49,212	3/4	35,963	3/4	22,665	3/4	9,228	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	75,805	9	62,368	9	48,932	9	35,691	9	22,385	9	8,948	9		9	9	9	9	9	9
1/4	75,525	1/4	62,089	1/4	48,652	1/4	35,419	1/4	22,105	1/4	8,669	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,245	1/2	61,809	1/2	48,372	1/2	35,147	1/2	21,825	1/2	8,389	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,965	3/4	61,529	3/4	48,092	3/4	34,876	3/4	21,545	3/4	8,109	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	74,685	10	61,249	10	47,812	10	34,604	10	21,265	10	7,830	10		10	10	10	10	10	10
1/4	74,405	1/4	60,969	1/4	47,532	1/4	34,332	1/4	20,985	1/4	7,551	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,126	1/2	60,689	1/2	47,252	1/2	34,061	1/2	20,705	1/2	7,272	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,846	3/4	60,409	3/4	46,972	3/4	33,789	3/4	20,425	3/4	6,992	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	73,566	11	60,129	11	46,692	11	33,517	11	20,145	11	6,713	11		11	11	11	11	11	11
1/4	73,286	1/4	59,849	1/4	46,412	1/4	33,246	1/4	19,865	1/4	6,435	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,006	1/2	59,569	1/2	46,132	1/2	32,974	1/2	19,585	1/2	6,157	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,726	3/4	59,289	3/4	45,853	3/4	32,702	3/4	19,305	3/4	5,879	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/12/2020 JS  
CALCULATED: 03/13/2020 CL  
PRINTED: 03/16/2020 SW

PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020



# BARGE "CBC 1423"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	171,121	0	161,191	0	149,174	0	137,158	0	125,141	0	113,125	0	101,108	0	89,092
1/4		1/4		1/4	171,059	1/4	160,941	1/4	148,924	1/4	136,908	1/4	124,891	1/4	112,874	1/4	100,858	1/4	88,841
1/2		1/2		1/2	170,996	1/2	160,690	1/2	148,674	1/2	136,657	1/2	124,641	1/2	112,624	1/2	100,608	1/2	88,591
3/4		3/4		3/4	170,934	3/4	160,440	3/4	148,423	3/4	136,407	3/4	124,390	3/4	112,374	3/4	100,357	3/4	88,341
1		1		1	170,871	1	160,190	1	148,173	1	136,157	1	124,140	1	112,123	1	100,107	1	88,090
1/4		1/4		1/4	170,767	1/4	159,939	1/4	147,923	1/4	135,906	1/4	123,890	1/4	111,873	1/4	99,857	1/4	87,840
1/2		1/2		1/2	170,662	1/2	159,689	1/2	147,672	1/2	135,656	1/2	123,639	1/2	111,623	1/2	99,606	1/2	87,590
3/4		3/4		3/4	170,558	3/4	159,439	3/4	147,422	3/4	135,405	3/4	123,389	3/4	111,372	3/4	99,356	3/4	87,339
2		2		2	170,454	2	159,188	2	147,172	2	135,155	2	123,139	2	111,122	2	99,106	2	87,089
1/4		1/4		1/4	170,308	1/4	158,938	1/4	146,921	1/4	134,905	1/4	122,888	1/4	110,872	1/4	98,855	1/4	86,839
1/2		1/2		1/2	170,162	1/2	158,688	1/2	146,671	1/2	134,654	1/2	122,638	1/2	110,621	1/2	98,605	1/2	86,588
3/4		3/4		3/4	170,016	3/4	158,437	3/4	146,421	3/4	134,404	3/4	122,388	3/4	110,371	3/4	98,354	3/4	86,338
3		3		3	169,870	3	158,187	3	146,170	3	134,154	3	122,137	3	110,121	3	98,104	3	86,088
1/4		1/4		1/4	169,682	1/4	157,937	1/4	145,920	1/4	133,903	1/4	121,887	1/4	109,870	1/4	97,854	1/4	85,837
1/2		1/2		1/2	169,494	1/2	157,686	1/2	145,670	1/2	133,653	1/2	121,637	1/2	109,620	1/2	97,603	1/2	85,587
3/4		3/4		3/4	169,306	3/4	157,436	3/4	145,419	3/4	133,403	3/4	121,386	3/4	109,370	3/4	97,353	3/4	85,337
4		4		4	169,119	4	157,185	4	145,169	4	133,152	4	121,136	4	109,119	4	97,103	4	85,086
1/4		1/4		1/4	168,889	1/4	156,935	1/4	144,919	1/4	132,902	1/4	120,886	1/4	108,869	1/4	96,852	1/4	84,836
1/2		1/2		1/2	168,660	1/2	156,685	1/2	144,668	1/2	132,652	1/2	120,635	1/2	108,619	1/2	96,602	1/2	84,586
3/4		3/4		3/4	168,430	3/4	156,434	3/4	144,418	3/4	132,401	3/4	120,385	3/4	108,368	3/4	96,352	3/4	84,335
5		5		5	168,201	5	156,184	5	144,168	5	132,151	5	120,134	5	108,118	5	96,101	5	84,085
1/4		1/4		1/4	167,950	1/4	155,934	1/4	143,917	1/4	131,901	1/4	119,884	1/4	107,868	1/4	95,851	1/4	83,835
1/2		1/2		1/2	167,700	1/2	155,683	1/2	143,667	1/2	131,650	1/2	119,634	1/2	107,617	1/2	95,601	1/2	83,584
3/4		3/4		3/4	167,450	3/4	155,433	3/4	143,417	3/4	131,400	3/4	119,383	3/4	107,367	3/4	95,350	3/4	83,334
6		6		6	167,199	6	155,183	6	143,166	6	131,150	6	119,133	6	107,117	6	95,100	6	83,083
1/4		1/4		1/4	166,949	1/4	154,932	1/4	142,916	1/4	130,899	1/4	118,883	1/4	106,866	1/4	94,850	1/4	82,833
1/2		1/2		1/2	166,699	1/2	154,682	1/2	142,665	1/2	130,649	1/2	118,632	1/2	106,616	1/2	94,599	1/2	82,583
3/4		3/4		3/4	166,448	3/4	154,432	3/4	142,415	3/4	130,399	3/4	118,382	3/4	106,366	3/4	94,349	3/4	82,332
7		7		7	166,198	7	154,181	7	142,165	7	130,148	7	118,132	7	106,115	7	94,099	7	82,082
1/4		1/4		1/4	165,948	1/4	153,931	1/4	141,914	1/4	129,898	1/4	117,881	1/4	105,865	1/4	93,848	1/4	81,832
1/2		1/2		1/2	165,697	1/2	153,681	1/2	141,664	1/2	129,648	1/2	117,631	1/2	105,614	1/2	93,598	1/2	81,581
3/4		3/4		3/4	165,447	3/4	153,430	3/4	141,414	3/4	129,397	3/4	117,381	3/4	105,364	3/4	93,348	3/4	81,331
8		8		8	165,197	8	153,180	8	141,163	8	129,147	8	117,130	8	105,114	8	93,097	8	81,081
1/4		1/4		1/4	164,946	1/4	152,930	1/4	140,913	1/4	128,897	1/4	116,880	1/4	104,863	1/4	92,847	1/4	80,830
1/2		1/2		1/2	164,696	1/2	152,679	1/2	140,663	1/2	128,646	1/2	116,630	1/2	104,613	1/2	92,597	1/2	80,580
3/4		3/4		3/4	164,445	3/4	152,429	3/4	140,412	3/4	128,396	3/4	116,379	3/4	104,363	3/4	92,346	3/4	80,330
9		9		9	164,195	9	152,179	9	140,162	9	128,146	9	116,129	9	104,112	9	92,096	9	80,079
1/4		1/4		1/4	163,945	1/4	151,928	1/4	139,912	1/4	127,895	1/4	115,879	1/4	103,862	1/4	91,846	1/4	79,829
1/2		1/2		1/2	163,694	1/2	151,678	1/2	139,661	1/2	127,645	1/2	115,628	1/2	103,612	1/2	91,595	1/2	79,579
3/4		3/4		3/4	163,444	3/4	151,428	3/4	139,411	3/4	127,394	3/4	115,378	3/4	103,361	3/4	91,345	3/4	79,328
10		10		10	163,194	10	151,177	10	139,161	10	127,144	10	115,128	10	103,111	10	91,095	10	79,078
1/4		1/4		1/4	162,943	1/4	150,927	1/4	138,910	1/4	126,894	1/4	114,877	1/4	102,861	1/4	90,844	1/4	78,828
1/2		1/2		1/2	162,693	1/2	150,677	1/2	138,660	1/2	126,643	1/2	114,627	1/2	102,610	1/2	90,594	1/2	78,577
3/4		3/4		3/4	162,443	3/4	150,426	3/4	138,410	3/4	126,393	3/4	114,377	3/4	102,360	3/4	90,343	3/4	78,327
11		11		11	162,192	11	150,176	11	138,159	11	126,143	11	114,126	11	102,110	11	90,093	11	78,077
1/4		1/4		1/4	161,942	1/4	149,925	1/4	137,909	1/4	125,892	1/4	113,876	1/4	101,859	1/4	89,843	1/4	77,826
1/2		1/2		1/2	171,163	1/2	161,692	1/2	149,675	1/2	137,659	1/2	125,642	1/2	113,626	1/2	101,609	1/2	89,592
3/4		3/4		3/4	171,142	3/4	161,441	3/4	149,425	3/4	137,408	3/4	125,392	3/4	113,375	3/4	101,359	3/4	89,342

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 29'-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 1423"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	77,075	0	65,059	0	53,042	0	41,026	0	29,032	0	17,019	0	5,013	0		0		0	
1/4	76,825	1/4	64,808	1/4	52,792	1/4	40,775	1/4	28,782	1/4	16,769	1/4	4,765	1/4	1/4	1/4		1/4	
1/2	76,575	1/2	64,558	1/2	52,541	1/2	40,525	1/2	28,532	1/2	16,518	1/2	4,518	1/2	1/2	1/2		1/2	
3/4	76,324	3/4	64,308	3/4	52,291	3/4	40,275	3/4	28,282	3/4	16,268	3/4	4,270	3/4	3/4	3/4		3/4	
1	76,074	1	64,057	1	52,041	1	40,024	1	28,032	1	16,018	1	4,023	1	1	1		1	
1/4	75,823	1/4	63,807	1/4	51,790	1/4	39,774	1/4	27,782	1/4	15,767	1/4	3,777	1/4	1/4	1/4		1/4	
1/2	75,573	1/2	63,557	1/2	51,540	1/2	39,524	1/2	27,532	1/2	15,517	1/2	3,532	1/2	1/2	1/2		1/2	
3/4	75,323	3/4	63,306	3/4	51,290	3/4	39,273	3/4	27,282	3/4	15,267	3/4	3,287	3/4	3/4	3/4		3/4	
2	75,072	2	63,056	2	51,039	2	39,023	2	27,032	2	15,016	2	3,041	2	2	2		2	
1/4	74,822	1/4	62,806	1/4	50,789	1/4	38,772	1/4	26,782	1/4	14,766	1/4	2,812	1/4	1/4	1/4		1/4	
1/2	74,572	1/2	62,555	1/2	50,539	1/2	38,522	1/2	26,532	1/2	14,516	1/2	2,584	1/2	1/2	1/2		1/2	
3/4	74,321	3/4	62,305	3/4	50,288	3/4	38,272	3/4	26,281	3/4	14,265	3/4	2,355	3/4	3/4	3/4		3/4	
3	74,071	3	62,055	3	50,038	3	38,021	3	26,031	3	14,015	3	2,126	3	3	3		3	
1/4	73,821	1/4	61,804	1/4	49,788	1/4	37,771	1/4	25,781	1/4	13,765	1/4	1,938	1/4	1/4	1/4		1/4	
1/2	73,570	1/2	61,554	1/2	49,537	1/2	37,521	1/2	25,530	1/2	13,514	1/2	1,750	1/2	1/2	1/2		1/2	
3/4	73,320	3/4	61,303	3/4	49,287	3/4	37,270	3/4	25,280	3/4	13,264	3/4	1,563	3/4	3/4	3/4		3/4	
4	73,070	4	61,053	4	49,037	4	37,020	4	25,030	4	13,014	4	1,375	4	4	4		4	
1/4	72,819	1/4	60,803	1/4	48,786	1/4	36,770	1/4	24,779	1/4	12,763	1/4	1,229	1/4	1/4	1/4		1/4	
1/2	72,569	1/2	60,552	1/2	48,536	1/2	36,521	1/2	24,529	1/2	12,513	1/2	1,083	1/2	1/2	1/2		1/2	
3/4	72,319	3/4	60,302	3/4	48,286	3/4	36,271	3/4	24,279	3/4	12,263	3/4	937	3/4	3/4	3/4		3/4	
5	72,068	5	60,052	5	48,035	5	36,022	5	24,028	5	12,012	5	791	5	5	5		5	
1/4	71,818	1/4	59,801	1/4	47,785	1/4	35,772	1/4	23,778	1/4	11,762	1/4	687	1/4	1/4	1/4		1/4	
1/2	71,568	1/2	59,551	1/2	47,535	1/2	35,522	1/2	23,528	1/2	11,512	1/2	582	1/2	1/2	1/2		1/2	
3/4	71,317	3/4	59,301	3/4	47,284	3/4	35,273	3/4	23,277	3/4	11,261	3/4	478	3/4	3/4	3/4		3/4	
6	71,067	6	59,050	6	47,034	6	35,023	6	23,027	6	11,011	6	374	6	6	6		6	
1/4	70,817	1/4	58,800	1/4	46,784	1/4	34,773	1/4	22,777	1/4	10,761	1/4	311	1/4	1/4	1/4		1/4	
1/2	70,566	1/2	58,550	1/2	46,533	1/2	34,524	1/2	22,526	1/2	10,510	1/2	248	1/2	1/2	1/2		1/2	
3/4	70,316	3/4	58,299	3/4	46,283	3/4	34,274	3/4	22,276	3/4	10,260	3/4	186	3/4	3/4	3/4		3/4	
7	70,066	7	58,049	7	46,032	7	34,025	7	22,026	7	10,010	7	123	7	7	7		7	
1/4	69,815	1/4	57,799	1/4	45,782	1/4	33,775	1/4	21,775	1/4	9,759	1/4	102	1/4	1/4	1/4		1/4	
1/2	69,565	1/2	57,548	1/2	45,532	1/2	33,525	1/2	21,525	1/2	9,509	1/2	82	1/2	1/2	1/2		1/2	
3/4	69,315	3/4	57,298	3/4	45,281	3/4	33,276	3/4	21,275	3/4	9,258	3/4	61	3/4	3/4	3/4		3/4	
8	69,064	8	57,048	8	45,031	8	33,026	8	21,024	8	9,008	8	40	8	8	8		8	
1/4	68,814	1/4	56,797	1/4	44,781	1/4	32,776	1/4	20,774	1/4	8,758	1/4		1/4	1/4	1/4		1/4	
1/2	68,563	1/2	56,547	1/2	44,530	1/2	32,527	1/2	20,524	1/2	8,508	1/2		1/2	1/2	1/2		1/2	
3/4	68,313	3/4	56,297	3/4	44,280	3/4	32,277	3/4	20,273	3/4	8,257	3/4		3/4	3/4	3/4		3/4	
9	68,063	9	56,046	9	44,030	9	32,028	9	20,023	9	8,007	9		9	9	9		9	
1/4	67,812	1/4	55,796	1/4	43,779	1/4	31,778	1/4	19,773	1/4	7,757	1/4		1/4	1/4	1/4		1/4	
1/2	67,562	1/2	55,546	1/2	43,529	1/2	31,528	1/2	19,522	1/2	7,507	1/2		1/2	1/2	1/2		1/2	
3/4	67,312	3/4	55,295	3/4	43,279	3/4	31,279	3/4	19,272	3/4	7,257	3/4		3/4	3/4	3/4		3/4	
10	67,061	10	55,045	10	43,028	10	31,029	10	19,022	10	7,006	10		10	10	10		10	
1/4	66,811	1/4	54,795	1/4	42,778	1/4	30,780	1/4	18,771	1/4	6,757	1/4		1/4	1/4	1/4		1/4	
1/2	66,561	1/2	54,544	1/2	42,528	1/2	30,530	1/2	18,521	1/2	6,507	1/2		1/2	1/2	1/2		1/2	
3/4	66,310	3/4	54,294	3/4	42,277	3/4	30,280	3/4	18,271	3/4	6,258	3/4		3/4	3/4	3/4		3/4	
11	66,060	11	54,044	11	42,027	11	30,031	11	18,020	11	6,008	11		11	11	11		11	
1/4	65,810	1/4	53,793	1/4	41,777	1/4	29,781	1/4	17,770	1/4	5,759	1/4		1/4	1/4	1/4		1/4	
1/2	65,559	1/2	53,543	1/2	41,526	1/2	29,531	1/2	17,520	1/2	5,510	1/2		1/2	1/2	1/2		1/2	
3/4	65,309	3/4	53,292	3/4	41,276	3/4	29,282	3/4	17,269	3/4	5,262	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020