



# 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

<http://www.dmacorp.net>

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

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 29'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# 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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	3/4	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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"

## 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.

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Pearland, Texas 77588

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# 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

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 23'-00" FORWARD OF AFT BULKHEAD.

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  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.dmacorp.net>

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		0	161,191	0		0	149,174	0		0	137,158	0		0	125,141	0		0	113,125	0		0	101,108	0		0	89,092						
1/4		1/4		1/4	171,059	1/4		1/4	160,941	1/4		1/4	148,924	1/4		1/4	136,908	1/4		1/4	124,891	1/4		1/4	112,874	1/4		1/4	100,858	1/4		1/4	88,841						
1/2		1/2		1/2	170,996	1/2		1/2	160,690	1/2		1/2	148,674	1/2		1/2	136,657	1/2		1/2	124,641	1/2		1/2	112,624	1/2		1/2	100,608	1/2		1/2	88,591						
3/4		3/4		3/4	170,934	3/4		3/4	160,440	3/4		3/4	148,423	3/4		3/4	136,407	3/4		3/4	124,390	3/4		3/4	112,374	3/4		3/4	100,357	3/4		3/4	88,341						
<b>1</b>		<b>1</b>		<b>1</b>	<b>170,871</b>	<b>1</b>		<b>1</b>	<b>160,190</b>	<b>1</b>		<b>1</b>	<b>148,173</b>	<b>1</b>		<b>1</b>	<b>136,157</b>	<b>1</b>		<b>1</b>	<b>124,140</b>	<b>1</b>		<b>1</b>	<b>112,123</b>	<b>1</b>		<b>1</b>	<b>100,107</b>	<b>1</b>		<b>1</b>	<b>88,090</b>						
1/4		1/4		1/4	170,767	1/4		1/4	159,939	1/4		1/4	147,923	1/4		1/4	135,906	1/4		1/4	123,890	1/4		1/4	111,873	1/4		1/4	99,857	1/4		1/4	87,840						
1/2		1/2		1/2	170,662	1/2		1/2	159,689	1/2		1/2	147,672	1/2		1/2	135,656	1/2		1/2	123,639	1/2		1/2	111,623	1/2		1/2	99,606	1/2		1/2	87,590						
3/4		3/4		3/4	170,558	3/4		3/4	159,439	3/4		3/4	147,422	3/4		3/4	135,405	3/4		3/4	123,389	3/4		3/4	111,372	3/4		3/4	99,356	3/4		3/4	87,339						
<b>2</b>		<b>2</b>		<b>2</b>	<b>170,454</b>	<b>2</b>		<b>2</b>	<b>159,188</b>	<b>2</b>		<b>2</b>	<b>147,172</b>	<b>2</b>		<b>2</b>	<b>135,155</b>	<b>2</b>		<b>2</b>	<b>123,139</b>	<b>2</b>		<b>2</b>	<b>111,122</b>	<b>2</b>		<b>2</b>	<b>99,106</b>	<b>2</b>		<b>2</b>	<b>87,089</b>						
1/4		1/4		1/4	170,308	1/4		1/4	158,938	1/4		1/4	146,921	1/4		1/4	134,905	1/4		1/4	122,888	1/4		1/4	110,872	1/4		1/4	98,855	1/4		1/4	86,839						
1/2		1/2		1/2	170,162	1/2		1/2	158,688	1/2		1/2	146,671	1/2		1/2	134,654	1/2		1/2	122,638	1/2		1/2	110,621	1/2		1/2	98,605	1/2		1/2	86,588						
3/4		3/4		3/4	170,016	3/4		3/4	158,437	3/4		3/4	146,421	3/4		3/4	134,404	3/4		3/4	122,388	3/4		3/4	110,371	3/4		3/4	98,354	3/4		3/4	86,338						
<b>3</b>		<b>3</b>		<b>3</b>	<b>169,870</b>	<b>3</b>		<b>3</b>	<b>158,187</b>	<b>3</b>		<b>3</b>	<b>146,170</b>	<b>3</b>		<b>3</b>	<b>134,154</b>	<b>3</b>		<b>3</b>	<b>122,137</b>	<b>3</b>		<b>3</b>	<b>110,121</b>	<b>3</b>		<b>3</b>	<b>98,104</b>	<b>3</b>		<b>3</b>	<b>86,088</b>						
1/4		1/4		1/4	169,682	1/4		1/4	157,937	1/4		1/4	145,920	1/4		1/4	133,903	1/4		1/4	121,887	1/4		1/4	109,870	1/4		1/4	97,854	1/4		1/4	85,837						
1/2		1/2		1/2	169,494	1/2		1/2	157,686	1/2		1/2	145,670	1/2		1/2	133,653	1/2		1/2	121,637	1/2		1/2	109,620	1/2		1/2	97,603	1/2		1/2	85,587						
3/4		3/4		3/4	169,306	3/4		3/4	157,436	3/4		3/4	145,419	3/4		3/4	133,403	3/4		3/4	121,386	3/4		3/4	109,370	3/4		3/4	97,353	3/4		3/4	85,337						
<b>4</b>		<b>4</b>		<b>4</b>	<b>169,119</b>	<b>4</b>		<b>4</b>	<b>157,185</b>	<b>4</b>		<b>4</b>	<b>145,169</b>	<b>4</b>		<b>4</b>	<b>133,152</b>	<b>4</b>		<b>4</b>	<b>121,136</b>	<b>4</b>		<b>4</b>	<b>109,119</b>	<b>4</b>		<b>4</b>	<b>97,103</b>	<b>4</b>		<b>4</b>	<b>85,086</b>						
1/4		1/4		1/4	168,889	1/4		1/4	156,935	1/4		1/4	144,919	1/4		1/4	132,902	1/4		1/4	120,886	1/4		1/4	108,869	1/4		1/4	96,852	1/4		1/4	84,836						
1/2		1/2		1/2	168,660	1/2		1/2	156,685	1/2		1/2	144,668	1/2		1/2	132,652	1/2		1/2	120,635	1/2		1/2	108,619	1/2		1/2	96,602	1/2		1/2	84,586						
3/4		3/4		3/4	168,430	3/4		3/4	156,434	3/4		3/4	144,418	3/4		3/4	132,401	3/4		3/4	120,385	3/4		3/4	108,368	3/4		3/4	96,352	3/4		3/4	84,335						
<b>5</b>		<b>5</b>		<b>5</b>	<b>168,201</b>	<b>5</b>		<b>5</b>	<b>156,184</b>	<b>5</b>		<b>5</b>	<b>144,168</b>	<b>5</b>		<b>5</b>	<b>132,151</b>	<b>5</b>		<b>5</b>	<b>120,134</b>	<b>5</b>		<b>5</b>	<b>108,118</b>	<b>5</b>		<b>5</b>	<b>96,101</b>	<b>5</b>		<b>5</b>	<b>84,085</b>						
1/4		1/4		1/4	167,950	1/4		1/4	155,934	1/4		1/4	143,917	1/4		1/4	131,901	1/4		1/4	119,884	1/4		1/4	107,868	1/4		1/4	95,851	1/4		1/4	83,835						
1/2		1/2		1/2	167,700	1/2		1/2	155,683	1/2		1/2	143,667	1/2		1/2	131,650	1/2		1/2	119,634	1/2		1/2	107,617	1/2		1/2	95,601	1/2		1/2	83,584						
3/4		3/4		3/4	167,450	3/4		3/4	155,433	3/4		3/4	143,417	3/4		3/4	131,400	3/4		3/4	119,383	3/4		3/4	107,367	3/4		3/4	95,350	3/4		3/4	83,334						
<b>6</b>		<b>6</b>		<b>6</b>	<b>167,199</b>	<b>6</b>		<b>6</b>	<b>155,183</b>	<b>6</b>		<b>6</b>	<b>143,166</b>	<b>6</b>		<b>6</b>	<b>131,150</b>	<b>6</b>		<b>6</b>	<b>119,133</b>	<b>6</b>		<b>6</b>	<b>107,117</b>	<b>6</b>		<b>6</b>	<b>95,100</b>	<b>6</b>		<b>6</b>	<b>83,083</b>						
1/4		1/4		1/4	166,949	1/4		1/4	154,932	1/4		1/4	142,916	1/4		1/4	130,899	1/4		1/4	118,883	1/4		1/4	106,866	1/4		1/4	94,850	1/4		1/4	82,833						
1/2		1/2		1/2	166,699	1/2		1/2	154,682	1/2		1/2	142,665	1/2		1/2	130,649	1/2		1/2	118,632	1/2		1/2	106,616	1/2		1/2	94,599	1/2		1/2	82,583						
3/4		3/4		3/4	166,448	3/4		3/4	154,432	3/4		3/4	142,415	3/4		3/4	130,399	3/4		3/4	118,382	3/4		3/4	106,366	3/4		3/4	94,349	3/4		3/4	82,332						
<b>7</b>		<b>7</b>		<b>7</b>	<b>166,198</b>	<b>7</b>		<b>7</b>	<b>154,181</b>	<b>7</b>		<b>7</b>	<b>142,165</b>	<b>7</b>		<b>7</b>	<b>130,148</b>	<b>7</b>		<b>7</b>	<b>118,132</b>	<b>7</b>		<b>7</b>	<b>106,115</b>	<b>7</b>		<b>7</b>	<b>94,099</b>	<b>7</b>		<b>7</b>	<b>82,082</b>						
1/4		1/4		1/4	165,948	1/4		1/4	153,931	1/4		1/4	141,914	1/4		1/4	129,898	1/4		1/4	117,881	1/4		1/4	105,865	1/4		1/4	93,848	1/4		1/4	81,832						
1/2		1/2		1/2	165,697	1/2		1/2	153,681	1/2		1/2	141,664	1/2		1/2	129,648	1/2		1/2	117,631	1/2		1/2	105,614	1/2		1/2	93,598	1/2		1/2	81,581						
3/4		3/4		3/4	165,447	3/4		3/4	153,430	3/4		3/4	141,414	3/4		3/4	129,397	3/4		3/4	117,381	3/4		3/4	105,364	3/4		3/4	93,348	3/4		3/4	81,331						
<b>8</b>		<b>8</b>		<b>8</b>	<b>165,197</b>	<b>8</b>		<b>8</b>	<b>153,180</b>	<b>8</b>		<b>8</b>	<b>141,163</b>	<b>8</b>		<b>8</b>	<b>129,147</b>	<b>8</b>		<b>8</b>	<b>117,130</b>	<b>8</b>		<b>8</b>	<b>105,114</b>	<b>8</b>		<b>8</b>	<b>93,097</b>	<b>8</b>		<b>8</b>	<b>81,081</b>						
1/4		1/4		1/4	164,946	1/4		1/4	152,930	1/4		1/4	140,913	1/4		1/4	128,897	1/4		1/4	116,880	1/4		1/4	104,863	1/4		1/4	92,847	1/4		1/4	80,830						
1/2		1/2		1/2	164,696	1/2		1/2	152,679	1/2		1/2	140,663	1/2		1/2	128,646	1/2		1/2	116,630	1/2		1/2	104,613	1/2		1/2	92,597	1/2		1/2	80,580						
3/4		3/4		3/4	164,445	3/4		3/4	152,429	3/4		3/4	140,412	3/4		3/4	128,396	3/4		3/4	116,379	3/4		3/4	104,363	3/4		3/4	92,346	3/4		3/4	80,330						
<b>9</b>		<b>9</b>		<b>9</b>	<b>164,195</b>	<b>9</b>		<b>9</b>	<b>152,179</b>	<b>9</b>		<b>9</b>	<b>140,162</b>	<b>9</b>		<b>9</b>	<b>128,146</b>	<b>9</b>		<b>9</b>	<b>116,129</b>	<b>9</b>		<b>9</b>	<b>104,112</b>	<b>9</b>		<b>9</b>	<b>92,096</b>	<b>9</b>									



# 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.

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

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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