



# BARGE "CBC 1429"

## 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	- 01-0/8	01-0/8	- 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: 180'-09"

March 22, 2021

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

<http://www.pmacorp.net>



# BARGE "CBC 1429"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,704	0	20,315	0	31,742	0	43,210	0	54,792	0	66,375	0	77,934	0	89,495	0	101,082
1/4	60	1/4	8,946	1/4	20,557	1/4	31,976	1/4	43,451	1/4	55,034	1/4	66,616	1/4	78,174	1/4	89,736	1/4	101,323
1/2	80	1/2	9,188	1/2	20,799	1/2	32,210	1/2	43,692	1/2	55,275	1/2	66,857	1/2	78,414	1/2	89,978	1/2	101,565
3/4	100	3/4	9,430	3/4	21,040	3/4	32,445	3/4	43,934	3/4	55,516	3/4	67,099	3/4	78,654	3/4	90,219	3/4	101,806
1	120	1	9,672	1	21,282	1	32,679	1	44,175	1	55,758	1	67,340	1	78,894	1	90,461	1	102,047
1/4	180	1/4	9,914	1/4	21,524	1/4	32,913	1/4	44,416	1/4	55,999	1/4	67,581	1/4	79,134	1/4	90,702	1/4	102,289
1/2	241	1/2	10,156	1/2	21,766	1/2	33,147	1/2	44,658	1/2	56,240	1/2	67,823	1/2	79,374	1/2	90,943	1/2	102,530
3/4	301	3/4	10,398	3/4	22,008	3/4	33,381	3/4	44,899	3/4	56,481	3/4	68,064	3/4	79,614	3/4	91,185	3/4	102,772
2	362	2	10,640	2	22,250	2	33,615	2	45,140	2	56,723	2	68,305	2	79,854	2	91,426	2	103,013
1/4	463	1/4	10,881	1/4	22,492	1/4	33,849	1/4	45,382	1/4	56,964	1/4	68,546	1/4	80,093	1/4	91,668	1/4	103,254
1/2	563	1/2	11,123	1/2	22,734	1/2	34,083	1/2	45,623	1/2	57,205	1/2	68,788	1/2	80,333	1/2	91,909	1/2	103,496
3/4	664	3/4	11,365	3/4	22,976	3/4	34,318	3/4	45,864	3/4	57,447	3/4	69,029	3/4	80,573	3/4	92,150	3/4	103,737
3	765	3	11,607	3	23,217	3	34,552	3	46,105	3	57,688	3	69,270	3	80,813	3	92,392	3	103,979
1/4	906	1/4	11,849	1/4	23,459	1/4	34,786	1/4	46,347	1/4	57,929	1/4	69,512	1/4	81,053	1/4	92,633	1/4	104,220
1/2	1,047	1/2	12,091	1/2	23,701	1/2	35,020	1/2	46,588	1/2	58,171	1/2	69,753	1/2	81,293	1/2	92,875	1/2	104,461
3/4	1,188	3/4	12,333	3/4	23,943	3/4	35,254	3/4	46,829	3/4	58,412	3/4	69,994	3/4	81,533	3/4	93,116	3/4	104,703
4	1,329	4	12,575	4	24,185	4	35,488	4	47,071	4	58,653	4	70,236	4	81,773	4	93,357	4	104,944
1/4	1,511	1/4	12,816	1/4	24,427	1/4	35,730	1/4	47,312	1/4	58,894	1/4	70,477	1/4	82,014	1/4	93,599	1/4	105,186
1/2	1,692	1/2	13,058	1/2	24,669	1/2	35,971	1/2	47,553	1/2	59,136	1/2	70,718	1/2	82,254	1/2	93,840	1/2	105,427
3/4	1,873	3/4	13,300	3/4	24,911	3/4	36,212	3/4	47,795	3/4	59,377	3/4	70,959	3/4	82,495	3/4	94,081	3/4	105,668
5	2,055	5	13,542	5	25,152	5	36,453	5	48,036	5	59,618	5	71,201	5	82,736	5	94,323	5	105,910
1/4	2,276	1/4	13,784	1/4	25,394	1/4	36,695	1/4	48,277	1/4	59,860	1/4	71,442	1/4	82,977	1/4	94,564	1/4	106,151
1/2	2,497	1/2	14,026	1/2	25,636	1/2	36,936	1/2	48,518	1/2	60,101	1/2	71,683	1/2	83,219	1/2	94,806	1/2	106,393
3/4	2,718	3/4	14,268	3/4	25,878	3/4	37,177	3/4	48,760	3/4	60,342	3/4	71,925	3/4	83,460	3/4	95,047	3/4	106,634
6	2,939	6	14,510	6	26,120	6	37,419	6	49,001	6	60,584	6	72,166	6	83,701	6	95,288	6	106,875
1/4	3,176	1/4	14,752	1/4	26,355	1/4	37,660	1/4	49,242	1/4	60,825	1/4	72,407	1/4	83,943	1/4	95,530	1/4	107,117
1/2	3,413	1/2	14,993	1/2	26,589	1/2	37,901	1/2	49,484	1/2	61,066	1/2	72,647	1/2	84,184	1/2	95,771	1/2	107,358
3/4	3,650	3/4	15,235	3/4	26,824	3/4	38,143	3/4	49,725	3/4	61,307	3/4	72,888	3/4	84,426	3/4	96,013	3/4	107,600
7	3,887	7	15,477	7	27,058	7	38,384	7	49,966	7	61,549	7	73,129	7	84,667	7	96,254	7	107,841
1/4	4,126	1/4	15,719	1/4	27,293	1/4	38,625	1/4	50,208	1/4	61,790	1/4	73,370	1/4	84,908	1/4	96,495	1/4	108,082
1/2	4,366	1/2	15,961	1/2	27,527	1/2	38,866	1/2	50,449	1/2	62,031	1/2	73,610	1/2	85,150	1/2	96,737	1/2	108,324
3/4	4,605	3/4	16,203	3/4	27,762	3/4	39,108	3/4	50,690	3/4	62,273	3/4	73,851	3/4	85,391	3/4	96,978	3/4	108,565
8	4,844	8	16,445	8	27,996	8	39,349	8	50,931	8	62,514	8	74,092	8	85,633	8	97,220	8	108,807
1/4	5,084	1/4	16,687	1/4	28,230	1/4	39,590	1/4	51,173	1/4	62,755	1/4	74,332	1/4	85,874	1/4	97,461	1/4	109,048
1/2	5,325	1/2	16,928	1/2	28,464	1/2	39,832	1/2	51,414	1/2	62,997	1/2	74,573	1/2	86,115	1/2	97,702	1/2	109,289
3/4	5,565	3/4	17,170	3/4	28,699	3/4	40,073	3/4	51,655	3/4	63,238	3/4	74,814	3/4	86,357	3/4	97,944	3/4	109,531
9	5,806	9	17,412	9	28,933	9	40,314	9	51,897	9	63,479	9	75,054	9	86,598	9	98,185	9	109,772
1/4	6,047	1/4	17,654	1/4	29,167	1/4	40,556	1/4	52,138	1/4	63,720	1/4	75,294	1/4	86,840	1/4	98,427	1/4	110,013
1/2	6,288	1/2	17,896	1/2	29,401	1/2	40,797	1/2	52,379	1/2	63,962	1/2	75,534	1/2	87,081	1/2	98,668	1/2	110,255
3/4	6,529	3/4	18,138	3/4	29,635	3/4	41,038	3/4	52,621	3/4	64,203	3/4	75,774	3/4	87,322	3/4	98,909	3/4	110,496
10	6,770	10	18,380	10	29,869	10	41,279	10	52,862	10	64,444	10	76,014	10	87,564	10	99,151	10	110,738
1/4	7,012	1/4	18,622	1/4	30,103	1/4	41,521	1/4	53,103	1/4	64,686	1/4	76,254	1/4	87,805	1/4	99,392	1/4	110,979
1/2	7,254	1/2	18,864	1/2	30,337	1/2	41,762	1/2	53,345	1/2	64,927	1/2	76,494	1/2	88,047	1/2	99,634	1/2	111,220
3/4	7,495	3/4	19,105	3/4	30,572	3/4	42,003	3/4	53,586	3/4	65,168	3/4	76,734	3/4	88,288	3/4	99,875	3/4	111,462
11	7,737	11	19,347	11	30,806	11	42,245	11	53,827	11	65,410	11	76,974	11	88,529	11	100,116	11	111,703
1/4	7,979	1/4	19,589	1/4	31,040	1/4	42,486	1/4	54,068	1/4	65,651	1/4	77,214	1/4	88,771	1/4	100,358	1/4	111,945
1/2	8,221	1/2	19,831	1/2	31,274	1/2	42,727	1/2	54,310	1/2	65,892	1/2	77,454	1/2	89,012	1/2	100,599	1/2	112,186
3/4	8,463	3/4	20,073	3/4	31,508	3/4	42,969	3/4	54,551	3/4	66,133	3/4	77,694	3/4	89,254	3/4	100,841	3/4	112,427

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 1429"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	112,669	0	122,205	0	130,325	0	138,446	0	146,567	0		0		0		0		0	
1/4	112,910	1/4	122,374	1/4	130,494	1/4	138,615	1/4	146,736	1/4		1/4		1/4		1/4		1/4	
1/2	113,150	1/2	122,543	1/2	130,664	1/2	138,784	1/2	146,905	1/2		1/2		1/2		1/2		1/2	
3/4	113,391	3/4	122,712	3/4	130,833	3/4	138,953	3/4	147,074	3/4		3/4		3/4		3/4		3/4	
1	113,632	1	122,881	1	131,002	1	139,123	1	147,243	1		1		1		1		1	
1/4	113,873	1/4	123,051	1/4	131,171	1/4	139,292	1/4	147,412	1/4		1/4		1/4		1/4		1/4	
1/2	114,114	1/2	123,220	1/2	131,340	1/2	139,461	1/2	147,582	1/2		1/2		1/2		1/2		1/2	
3/4	114,355	3/4	123,389	3/4	131,510	3/4	139,630	3/4	147,751	3/4		3/4		3/4		3/4		3/4	
2	114,596	2	123,558	2	131,679	2	139,799	2	147,920	2		2		2		2		2	
1/4	114,836	1/4	123,727	1/4	131,848	1/4	139,969	1/4	148,089	1/4		1/4		1/4		1/4		1/4	
1/2	115,077	1/2	123,896	1/2	132,017	1/2	140,138	1/2	148,258	1/2		1/2		1/2		1/2		1/2	
3/4	115,318	3/4	124,066	3/4	132,186	3/4	140,307	3/4	148,428	3/4		3/4		3/4		3/4		3/4	
3	115,559	3	124,235	3	132,355	3	140,476	3	148,597	3		3		3		3		3	
1/4	115,800	1/4	124,404	1/4	132,525	1/4	140,645	1/4	148,818	1/4		1/4		1/4		1/4		1/4	
1/2	116,041	1/2	124,573	1/2	132,694	1/2	140,814	1/2	149,040	1/2		1/2		1/2		1/2		1/2	
3/4	116,281	3/4	124,742	3/4	132,863	3/4	140,984	3/4	149,262	3/4		3/4		3/4		3/4		3/4	
4	116,522	4	124,912	4	133,032	4	141,153	4	149,484	4		4		4		4		4	
1/4	116,763	1/4	125,081	1/4	133,201	1/4	141,322	1/4	149,665	1/4		1/4		1/4		1/4		1/4	
1/2	117,004	1/2	125,250	1/2	133,371	1/2	141,491	1/2	149,846	1/2		1/2		1/2		1/2		1/2	
3/4	117,245	3/4	125,419	3/4	133,540	3/4	141,660	3/4	150,028	3/4		3/4		3/4		3/4		3/4	
5	117,486	5	125,588	5	133,709	5	141,830	5	150,209	5		5		5		5		5	
1/4	117,654	1/4	125,757	1/4	133,878	1/4	141,999	1/4	150,350	1/4		1/4		1/4		1/4		1/4	
1/2	117,822	1/2	125,927	1/2	134,047	1/2	142,168	1/2	150,491	1/2		1/2		1/2		1/2		1/2	
3/4	117,990	3/4	126,096	3/4	134,216	3/4	142,337	3/4	150,633	3/4		3/4		3/4		3/4		3/4	
6	118,158	6	126,265	6	134,386	6	142,506	6	150,774	6		6		6		6		6	
1/4	118,327	1/4	126,434	1/4	134,555	1/4	142,675	1/4	150,874	1/4		1/4		1/4		1/4		1/4	
1/2	118,495	1/2	126,603	1/2	134,724	1/2	142,845	1/2	150,975	1/2		1/2		1/2		1/2		1/2	
3/4	118,664	3/4	126,773	3/4	134,893	3/4	143,014	3/4	151,076	3/4		3/4		3/4		3/4		3/4	
7	118,832	7	126,942	7	135,062	7	143,183	7	151,177	7		7		7		7		7	
1/4	119,001	1/4	127,111	1/4	135,232	1/4	143,352	1/4	151,237	1/4		1/4		1/4		1/4		1/4	
1/2	119,170	1/2	127,280	1/2	135,401	1/2	143,521	1/2	151,298	1/2		1/2		1/2		1/2		1/2	
3/4	119,338	3/4	127,449	3/4	135,570	3/4	143,690	3/4	151,358	3/4		3/4		3/4		3/4		3/4	
8	119,507	8	127,618	8	135,739	8	143,860	8	151,419	8		8		8		8		8	
1/4	119,676	1/4	127,788	1/4	135,908	1/4	144,029	1/4	151,439	1/4		1/4		1/4		1/4		1/4	
1/2	119,844	1/2	127,957	1/2	136,077	1/2	144,198	1/2	151,459	1/2		1/2		1/2		1/2		1/2	
3/4	120,013	3/4	128,126	3/4	136,247	3/4	144,367	3/4		3/4		3/4		3/4		3/4		3/4	
9	120,181	9	128,295	9	136,416	9	144,536	9		9		9		9		9		9	
1/4	120,350	1/4	128,464	1/4	136,585	1/4	144,706	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,519	1/2	128,634	1/2	136,754	1/2	144,875	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,687	3/4	128,803	3/4	136,923	3/4	145,044	3/4		3/4		3/4		3/4		3/4		3/4	
10	120,856	10	128,972	10	137,092	10	145,213	10		10		10		10		10		10	
1/4	121,024	1/4	129,141	1/4	137,262	1/4	145,382	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,193	1/2	129,310	1/2	137,431	1/2	145,551	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,362	3/4	129,479	3/4	137,600	3/4	145,721	3/4		3/4		3/4		3/4		3/4		3/4	
11	121,530	11	129,649	11	137,769	11	145,890	11		11		11		11		11		11	
1/4	121,699	1/4	129,818	1/4	137,938	1/4	146,059	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,867	1/2	129,987	1/2	138,108	1/2	146,228	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,036	3/4	130,156	3/4	138,277	3/4	146,397	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2021 JS  
CALCULATED: 03/22/2021 CL  
PRINTED: 03/22/2021 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021



# BARGE "CBC 1429"

## 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	10,076	0	23,524	0	36,809	0	50,094	0	63,542	0	76,990	0	90,438	0	103,887	0	117,335
1/4	63	1/4	10,356	1/4	23,804	1/4	37,081	1/4	50,374	1/4	63,822	1/4	77,270	1/4	90,719	1/4	104,167	1/4	117,615
1/2	86	1/2	10,637	1/2	24,084	1/2	37,353	1/2	50,654	1/2	64,102	1/2	77,551	1/2	90,999	1/2	104,447	1/2	117,895
3/4	109	3/4	10,917	3/4	24,364	3/4	37,625	3/4	50,934	3/4	64,383	3/4	77,831	3/4	91,279	3/4	104,727	3/4	118,175
1	133	1	11,197	1	24,645	1	37,897	1	51,215	1	64,663	1	78,111	1	91,559	1	105,007	1	118,455
1/4	203	1/4	11,477	1/4	24,925	1/4	38,168	1/4	51,495	1/4	64,943	1/4	78,391	1/4	91,839	1/4	105,287	1/4	118,736
1/2	273	1/2	11,757	1/2	25,205	1/2	38,440	1/2	51,775	1/2	65,223	1/2	78,671	1/2	92,119	1/2	105,568	1/2	119,016
3/4	343	3/4	12,037	3/4	25,485	3/4	38,712	3/4	52,055	3/4	65,503	3/4	78,951	3/4	92,400	3/4	105,848	3/4	119,296
2	413	2	12,317	2	25,765	2	38,984	2	52,335	2	65,783	2	79,232	2	92,680	2	106,128	2	119,576
1/4	530	1/4	12,598	1/4	26,045	1/4	39,256	1/4	52,615	1/4	66,064	1/4	79,512	1/4	92,960	1/4	106,408	1/4	119,856
1/2	646	1/2	12,878	1/2	26,326	1/2	39,528	1/2	52,896	1/2	66,344	1/2	79,792	1/2	93,240	1/2	106,688	1/2	120,136
3/4	763	3/4	13,158	3/4	26,606	3/4	39,800	3/4	53,176	3/4	66,624	3/4	80,072	3/4	93,520	3/4	106,968	3/4	120,417
3	880	3	13,438	3	26,886	3	40,072	3	53,456	3	66,904	3	80,352	3	93,800	3	107,249	3	120,697
1/4	1,043	1/4	13,718	1/4	27,166	1/4	40,344	1/4	53,736	1/4	67,184	1/4	80,632	1/4	94,081	1/4	107,529	1/4	120,977
1/2	1,207	1/2	13,998	1/2	27,446	1/2	40,616	1/2	54,016	1/2	67,464	1/2	80,913	1/2	94,361	1/2	107,809	1/2	121,257
3/4	1,370	3/4	14,279	3/4	27,726	3/4	40,888	3/4	54,296	3/4	67,745	3/4	81,193	3/4	94,641	3/4	108,089	3/4	121,537
4	1,534	4	14,559	4	28,007	4	41,160	4	54,577	4	68,025	4	81,473	4	94,921	4	108,369	4	121,818
1/4	1,744	1/4	14,839	1/4	28,287	1/4	41,432	1/4	54,857	1/4	68,305	1/4	81,753	1/4	95,201	1/4	108,649	1/4	122,098
1/2	1,954	1/2	15,119	1/2	28,567	1/2	41,704	1/2	55,137	1/2	68,585	1/2	82,033	1/2	95,481	1/2	108,930	1/2	122,378
3/4	2,164	3/4	15,399	3/4	28,847	3/4	41,977	3/4	55,417	3/4	68,865	3/4	82,313	3/4	95,762	3/4	109,210	3/4	122,658
5	2,374	5	15,679	5	29,127	5	42,249	5	55,697	5	69,145	5	82,594	5	96,042	5	109,490	5	122,938
1/4	2,630	1/4	15,960	1/4	29,407	1/4	42,529	1/4	55,977	1/4	69,426	1/4	82,874	1/4	96,322	1/4	109,770	1/4	123,218
1/2	2,886	1/2	16,240	1/2	29,688	1/2	42,809	1/2	56,258	1/2	69,706	1/2	83,154	1/2	96,602	1/2	110,050	1/2	123,499
3/4	3,142	3/4	16,520	3/4	29,968	3/4	43,090	3/4	56,538	3/4	69,986	3/4	83,434	3/4	96,882	3/4	110,331	3/4	123,779
6	3,398	6	16,800	6	30,248	6	43,370	6	56,818	6	70,266	6	83,714	6	97,163	6	110,611	6	124,059
1/4	3,673	1/4	17,080	1/4	30,528	1/4	43,650	1/4	57,098	1/4	70,546	1/4	83,994	1/4	97,443	1/4	110,891	1/4	124,339
1/2	3,947	1/2	17,360	1/2	30,808	1/2	43,930	1/2	57,378	1/2	70,826	1/2	84,275	1/2	97,723	1/2	111,171	1/2	124,619
3/4	4,222	3/4	17,641	3/4	31,088	3/4	44,210	3/4	57,658	3/4	71,107	3/4	84,555	3/4	98,003	3/4	111,451	3/4	124,899
7	4,497	7	17,921	7	31,368	7	44,490	7	57,939	7	71,387	7	84,835	7	98,283	7	111,731	7	125,180
1/4	4,774	1/4	18,201	1/4	31,641	1/4	44,771	1/4	58,219	1/4	71,667	1/4	85,115	1/4	98,563	1/4	112,012	1/4	125,460
1/2	5,051	1/2	18,481	1/2	31,913	1/2	45,051	1/2	58,499	1/2	71,947	1/2	85,395	1/2	98,844	1/2	112,292	1/2	125,740
3/4	5,328	3/4	18,761	3/4	32,185	3/4	45,331	3/4	58,779	3/4	72,227	3/4	85,676	3/4	99,124	3/4	112,572	3/4	126,020
8	5,605	8	19,041	8	32,458	8	45,611	8	59,059	8	72,507	8	85,956	8	99,404	8	112,852	8	126,300
1/4	5,883	1/4	19,322	1/4	32,730	1/4	45,891	1/4	59,339	1/4	72,788	1/4	86,236	1/4	99,684	1/4	113,132	1/4	126,580
1/2	6,162	1/2	19,602	1/2	33,002	1/2	46,171	1/2	59,620	1/2	73,068	1/2	86,516	1/2	99,964	1/2	113,412	1/2	126,861
3/4	6,440	3/4	19,882	3/4	33,273	3/4	46,452	3/4	59,900	3/4	73,348	3/4	86,796	3/4	100,244	3/4	113,693	3/4	127,141
9	6,719	9	20,162	9	33,545	9	46,732	9	60,180	9	73,628	9	87,076	9	100,525	9	113,973	9	127,421
1/4	6,998	1/4	20,442	1/4	33,817	1/4	47,012	1/4	60,460	1/4	73,908	1/4	87,357	1/4	100,805	1/4	114,253	1/4	127,701
1/2	7,277	1/2	20,722	1/2	34,089	1/2	47,292	1/2	60,740	1/2	74,189	1/2	87,637	1/2	101,085	1/2	114,533	1/2	127,981
3/4	7,557	3/4	21,003	3/4	34,361	3/4	47,572	3/4	61,020	3/4	74,469	3/4	87,917	3/4	101,365	3/4	114,813	3/4	128,261
10	7,836	10	21,283	10	34,633	10	47,852	10	61,301	10	74,749	10	88,197	10	101,645	10	115,093	10	128,542
1/4	8,116	1/4	21,563	1/4	34,905	1/4	48,133	1/4	61,581	1/4	75,029	1/4	88,477	1/4	101,925	1/4	115,374	1/4	128,822
1/2	8,396	1/2	21,843	1/2	35,177	1/2	48,413	1/2	61,861	1/2	75,309	1/2	88,757	1/2	102,206	1/2	115,654	1/2	129,102
3/4	8,676	3/4	22,123	3/4	35,449	3/4	48,693	3/4	62,141	3/4	75,589	3/4	89,038	3/4	102,486	3/4	115,934	3/4	129,382
11	8,956	11	22,403	11	35,721	11	48,973	11	62,421	11	75,870	11	89,318	11	102,766	11	116,214	11	129,662
1/4	9,236	1/4	22,683	1/4	35,993	1/4	49,253	1/4	62,702	1/4	76,150	1/4	89,598	1/4	103,046	1/4	116,494	1/4	129,942
1/2	9,516	1/2	22,964	1/2	36,265	1/2	49,533	1/2	62,982	1/2	76,430	1/2	89,878	1/2	103,326	1/2	116,774	1/2	130,223
3/4	9,796	3/4	23,244	3/4	36,537	3/4	49,814	3/4	63,262	3/4	76,710	3/4	90,158	3/4	103,606	3/4	117,055	3/4	130,503

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 1429"

## 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	130,783	0	144,231	0	157,679	0	171,128	0	184,576	0		0		0		0		0	
1/4	131,063	1/4	144,511	1/4	157,960	1/4	171,408	1/4	184,856	1/4		1/4		1/4		1/4		1/4	
1/2	131,343	1/2	144,792	1/2	158,240	1/2	171,688	1/2	185,136	1/2		1/2		1/2		1/2		1/2	
3/4	131,623	3/4	145,072	3/4	158,520	3/4	171,968	3/4	185,416	3/4		3/4		3/4		3/4		3/4	
1	131,904	1	145,352	1	158,800	1	172,248	1	185,696	1		1		1		1		1	
1/4	132,184	1/4	145,632	1/4	159,080	1/4	172,528	1/4	185,977	1/4		1/4		1/4		1/4		1/4	
1/2	132,464	1/2	145,912	1/2	159,360	1/2	172,809	1/2	186,257	1/2		1/2		1/2		1/2		1/2	
3/4	132,744	3/4	146,192	3/4	159,641	3/4	173,089	3/4	186,537	3/4		3/4		3/4		3/4		3/4	
2	133,024	2	146,473	2	159,921	2	173,369	2	186,817	2		2		2		2		2	
1/4	133,305	1/4	146,753	1/4	160,201	1/4	173,649	1/4	187,097	1/4		1/4		1/4		1/4		1/4	
1/2	133,585	1/2	147,033	1/2	160,481	1/2	173,929	1/2	187,377	1/2		1/2		1/2		1/2		1/2	
3/4	133,865	3/4	147,313	3/4	160,761	3/4	174,209	3/4	187,658	3/4		3/4		3/4		3/4		3/4	
3	134,145	3	147,593	3	161,041	3	174,490	3	187,938	3		3		3		3		3	
1/4	134,425	1/4	147,873	1/4	161,322	1/4	174,770	1/4	188,195	1/4		1/4		1/4		1/4		1/4	
1/2	134,705	1/2	148,154	1/2	161,602	1/2	175,050	1/2	188,451	1/2		1/2		1/2		1/2		1/2	
3/4	134,986	3/4	148,434	3/4	161,882	3/4	175,330	3/4	188,708	3/4		3/4		3/4		3/4		3/4	
4	135,266	4	148,714	4	162,162	4	175,610	4	188,965	4		4		4		4		4	
1/4	135,546	1/4	148,994	1/4	162,442	1/4	175,890	1/4	189,175	1/4		1/4		1/4		1/4		1/4	
1/2	135,826	1/2	149,274	1/2	162,722	1/2	176,171	1/2	189,385	1/2		1/2		1/2		1/2		1/2	
3/4	136,106	3/4	149,554	3/4	163,003	3/4	176,451	3/4	189,595	3/4		3/4		3/4		3/4		3/4	
5	136,386	5	149,835	5	163,283	5	176,731	5	189,806	5		5		5		5		5	
1/4	136,667	1/4	150,115	1/4	163,563	1/4	177,011	1/4	189,969	1/4		1/4		1/4		1/4		1/4	
1/2	136,947	1/2	150,395	1/2	163,843	1/2	177,291	1/2	190,132	1/2		1/2		1/2		1/2		1/2	
3/4	137,227	3/4	150,675	3/4	164,123	3/4	177,571	3/4	190,296	3/4		3/4		3/4		3/4		3/4	
6	137,507	6	150,955	6	164,403	6	177,852	6	190,459	6		6		6		6		6	
1/4	137,787	1/4	151,235	1/4	164,684	1/4	178,132	1/4	190,576	1/4		1/4		1/4		1/4		1/4	
1/2	138,067	1/2	151,516	1/2	164,964	1/2	178,412	1/2	190,693	1/2		1/2		1/2		1/2		1/2	
3/4	138,348	3/4	151,796	3/4	165,244	3/4	178,692	3/4	190,809	3/4		3/4		3/4		3/4		3/4	
7	138,628	7	152,076	7	165,524	7	178,972	7	190,926	7		7		7		7		7	
1/4	138,908	1/4	152,356	1/4	165,804	1/4	179,252	1/4	190,996	1/4		1/4		1/4		1/4		1/4	
1/2	139,188	1/2	152,636	1/2	166,084	1/2	179,533	1/2	191,066	1/2		1/2		1/2		1/2		1/2	
3/4	139,468	3/4	152,916	3/4	166,365	3/4	179,813	3/4	191,136	3/4		3/4		3/4		3/4		3/4	
8	139,748	8	153,197	8	166,645	8	180,093	8	191,206	8		8		8		8		8	
1/4	140,029	1/4	153,477	1/4	166,925	1/4	180,373	1/4	191,230	1/4		1/4		1/4		1/4		1/4	
1/2	140,309	1/2	153,757	1/2	167,205	1/2	180,653	1/2	191,253	1/2		1/2		1/2		1/2		1/2	
3/4	140,589	3/4	154,037	3/4	167,485	3/4	180,934	3/4	191,277	3/4		3/4		3/4		3/4		3/4	
9	140,869	9	154,317	9	167,765	9	181,214	9	191,301	9		9		9		9		9	
1/4	141,149	1/4	154,597	1/4	168,046	1/4	181,494	1/4	191,325	1/4		1/4		1/4		1/4		1/4	
1/2	141,429	1/2	154,878	1/2	168,326	1/2	181,774	1/2	191,349	1/2		1/2		1/2		1/2		1/2	
3/4	141,710	3/4	155,158	3/4	168,606	3/4	182,054	3/4	191,373	3/4		3/4		3/4		3/4		3/4	
10	141,990	10	155,438	10	168,886	10	182,334	10	191,397	10		10		10		10		10	
1/4	142,270	1/4	155,718	1/4	169,166	1/4	182,615	1/4	191,421	1/4		1/4		1/4		1/4		1/4	
1/2	142,550	1/2	155,998	1/2	169,447	1/2	182,895	1/2	191,445	1/2		1/2		1/2		1/2		1/2	
3/4	142,830	3/4	156,278	3/4	169,727	3/4	183,175	3/4	191,469	3/4		3/4		3/4		3/4		3/4	
11	143,110	11	156,559	11	170,007	11	183,455	11	191,493	11		11		11		11		11	
1/4	143,391	1/4	156,839	1/4	170,287	1/4	183,735	1/4	191,517	1/4		1/4		1/4		1/4		1/4	
1/2	143,671	1/2	157,119	1/2	170,567	1/2	184,015	1/2	191,541	1/2		1/2		1/2		1/2		1/2	
3/4	143,951	3/4	157,399	3/4	170,847	3/4	184,296	3/4	191,565	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2021 JS  
CALCULATED: 03/22/2021 CL  
PRINTED: 03/22/2021 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021



# BARGE "CBC 1429"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	40	0	8,998	0	21,001	0	32,990	0	44,982	0	56,985	0	68,989	0	80,992	0	92,996	0	104,999
1/4	60	1/4	9,248	1/4	21,251	1/4	33,239	1/4	45,232	1/4	57,235	1/4	69,239	1/4	81,242	1/4	93,246	1/4	105,249
1/2	81	1/2	9,498	1/2	21,501	1/2	33,489	1/2	45,482	1/2	57,485	1/2	69,489	1/2	81,492	1/2	93,496	1/2	105,499
3/4	102	3/4	9,748	3/4	21,751	3/4	33,738	3/4	45,732	3/4	57,736	3/4	69,739	3/4	81,743	3/4	93,746	3/4	105,750
1	123	1	9,998	1	22,001	1	33,987	1	45,982	1	57,986	1	69,989	1	81,993	1	93,996	1	106,000
1/4	185	1/4	10,248	1/4	22,251	1/4	34,237	1/4	46,232	1/4	58,236	1/4	70,239	1/4	82,243	1/4	94,246	1/4	106,250
1/2	248	1/2	10,498	1/2	22,501	1/2	34,486	1/2	46,482	1/2	58,486	1/2	70,489	1/2	82,493	1/2	94,496	1/2	106,500
3/4	310	3/4	10,748	3/4	22,752	3/4	34,735	3/4	46,732	3/4	58,736	3/4	70,739	3/4	82,743	3/4	94,746	3/4	106,750
2	373	2	10,999	2	23,002	2	34,985	2	46,982	2	58,986	2	70,989	2	82,993	2	94,996	2	107,000
1/4	477	1/4	11,249	1/4	23,252	1/4	35,234	1/4	47,232	1/4	59,236	1/4	71,239	1/4	83,243	1/4	95,246	1/4	107,250
1/2	581	1/2	11,499	1/2	23,502	1/2	35,483	1/2	47,483	1/2	59,486	1/2	71,490	1/2	83,493	1/2	95,497	1/2	107,500
3/4	685	3/4	11,749	3/4	23,752	3/4	35,733	3/4	47,733	3/4	59,736	3/4	71,740	3/4	83,743	3/4	95,747	3/4	107,750
3	790	3	11,999	3	24,002	3	35,982	3	47,983	3	59,986	3	71,990	3	83,993	3	95,997	3	108,000
1/4	935	1/4	12,249	1/4	24,252	1/4	36,231	1/4	48,233	1/4	60,236	1/4	72,240	1/4	84,243	1/4	96,247	1/4	108,250
1/2	1,081	1/2	12,499	1/2	24,502	1/2	36,481	1/2	48,483	1/2	60,486	1/2	72,490	1/2	84,493	1/2	96,497	1/2	108,500
3/4	1,227	3/4	12,749	3/4	24,752	3/4	36,730	3/4	48,733	3/4	60,736	3/4	72,740	3/4	84,743	3/4	96,747	3/4	108,750
4	1,373	4	12,999	4	25,002	4	36,980	4	48,983	4	60,986	4	72,990	4	84,993	4	96,997	4	109,000
1/4	1,561	1/4	13,249	1/4	25,252	1/4	37,230	1/4	49,233	1/4	61,237	1/4	73,240	1/4	85,244	1/4	97,247	1/4	109,251
1/2	1,748	1/2	13,499	1/2	25,502	1/2	37,480	1/2	49,483	1/2	61,487	1/2	73,490	1/2	85,494	1/2	97,497	1/2	109,501
3/4	1,936	3/4	13,749	3/4	25,752	3/4	37,730	3/4	49,733	3/4	61,737	3/4	73,740	3/4	85,744	3/4	97,747	3/4	109,751
5	2,123	5	13,999	5	26,002	5	37,980	5	49,983	5	61,987	5	73,990	5	85,994	5	97,997	5	110,001
1/4	2,352	1/4	14,249	1/4	26,252	1/4	38,230	1/4	50,233	1/4	62,237	1/4	74,240	1/4	86,244	1/4	98,247	1/4	110,251
1/2	2,580	1/2	14,499	1/2	26,502	1/2	38,480	1/2	50,483	1/2	62,487	1/2	74,490	1/2	86,494	1/2	98,497	1/2	110,501
3/4	2,809	3/4	14,749	3/4	26,753	3/4	38,730	3/4	50,734	3/4	62,737	3/4	74,740	3/4	86,744	3/4	98,747	3/4	110,751
6	3,038	6	15,000	6	27,003	6	38,980	6	50,984	6	62,987	6	74,991	6	86,994	6	98,998	6	111,001
1/4	3,283	1/4	15,250	1/4	27,252	1/4	39,230	1/4	51,234	1/4	63,237	1/4	75,241	1/4	87,244	1/4	99,248	1/4	111,251
1/2	3,528	1/2	15,500	1/2	27,502	1/2	39,480	1/2	51,484	1/2	63,487	1/2	75,491	1/2	87,494	1/2	99,498	1/2	111,501
3/4	3,773	3/4	15,750	3/4	27,752	3/4	39,730	3/4	51,734	3/4	63,737	3/4	75,741	3/4	87,744	3/4	99,748	3/4	111,751
7	4,018	7	16,000	7	28,001	7	39,980	7	51,984	7	63,987	7	75,991	7	87,994	7	99,998	7	112,001
1/4	4,265	1/4	16,250	1/4	28,251	1/4	40,230	1/4	52,234	1/4	64,237	1/4	76,241	1/4	88,244	1/4	100,248	1/4	112,251
1/2	4,512	1/2	16,500	1/2	28,501	1/2	40,481	1/2	52,484	1/2	64,488	1/2	76,491	1/2	88,494	1/2	100,498	1/2	112,501
3/4	4,760	3/4	16,750	3/4	28,751	3/4	40,731	3/4	52,734	3/4	64,738	3/4	76,741	3/4	88,745	3/4	100,748	3/4	112,752
8	5,007	8	17,000	8	29,000	8	40,981	8	52,984	8	64,988	8	76,991	8	88,995	8	100,998	8	113,002
1/4	5,255	1/4	17,250	1/4	29,250	1/4	41,231	1/4	53,234	1/4	65,238	1/4	77,241	1/4	89,245	1/4	101,248	1/4	113,252
1/2	5,504	1/2	17,500	1/2	29,499	1/2	41,481	1/2	53,484	1/2	65,488	1/2	77,491	1/2	89,495	1/2	101,498	1/2	113,502
3/4	5,753	3/4	17,750	3/4	29,748	3/4	41,731	3/4	53,734	3/4	65,738	3/4	77,741	3/4	89,745	3/4	101,748	3/4	113,752
9	6,001	9	18,000	9	29,998	9	41,981	9	53,984	9	65,988	9	77,991	9	89,995	9	101,998	9	114,002
1/4	6,250	1/4	18,250	1/4	30,247	1/4	42,231	1/4	54,235	1/4	66,238	1/4	78,242	1/4	90,245	1/4	102,248	1/4	114,252
1/2	6,500	1/2	18,500	1/2	30,496	1/2	42,481	1/2	54,485	1/2	66,488	1/2	78,492	1/2	90,495	1/2	102,499	1/2	114,502
3/4	6,749	3/4	18,750	3/4	30,746	3/4	42,731	3/4	54,735	3/4	66,738	3/4	78,742	3/4	90,745	3/4	102,749	3/4	114,752
10	6,998	10	19,001	10	30,995	10	42,981	10	54,985	10	66,988	10	78,992	10	90,995	10	102,999	10	115,002
1/4	7,248	1/4	19,251	1/4	31,244	1/4	43,231	1/4	55,235	1/4	67,238	1/4	79,242	1/4	91,245	1/4	103,249	1/4	115,252
1/2	7,498	1/2	19,501	1/2	31,494	1/2	43,481	1/2	55,485	1/2	67,488	1/2	79,492	1/2	91,495	1/2	103,499	1/2	115,502
3/4	7,748	3/4	19,751	3/4	31,743	3/4	43,731	3/4	55,735	3/4	67,738	3/4	79,742	3/4	91,745	3/4	103,749	3/4	115,752
11	7,998	11	20,001	11	31,992	11	43,982	11	55,985	11	67,989	11	79,992	11	91,996	11	103,999	11	116,002
1/4	8,248	1/4	20,251	1/4	32,242	1/4	44,232	1/4	56,235	1/4	68,239	1/4	80,242	1/4	92,246	1/4	104,249	1/4	116,253
1/2	8,498	1/2	20,501	1/2	32,491	1/2	44,482	1/2	56,485	1/2	68,489	1/2	80,492	1/2	92,496	1/2	104,499	1/2	116,503
3/4	8,748	3/4	20,751	3/4	32,741	3/4	44,732	3/4	56,735	3/4	68,739	3/4	80,742	3/4	92,746	3/4	104,749	3/4	116,753

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CBC 1429"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,003	0	129,006	0	141,010	0	153,013	0	165,017	0		0		0		0		0	
1/4	117,253	1/4	129,256	1/4	141,260	1/4	153,263	1/4	165,267	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	117,503	1/2	129,506	1/2	141,510	1/2	153,513	1/2	165,517	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	117,753	3/4	129,756	3/4	141,760	3/4	153,763	3/4	165,767	3/4		3/4	3/4	3/4		3/4		3/4	
1	118,003	1	130,007	1	142,010	1	154,014	1	166,017	1		1		1		1		1	
1/4	118,253	1/4	130,257	1/4	142,260	1/4	154,264	1/4	166,267	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	118,503	1/2	130,507	1/2	142,510	1/2	154,514	1/2	166,517	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	118,753	3/4	130,757	3/4	142,760	3/4	154,764	3/4	166,767	3/4		3/4	3/4	3/4		3/4		3/4	
2	119,003	2	131,007	2	143,010	2	155,014	2	167,017	2		2		2		2		2	
1/4	119,253	1/4	131,257	1/4	143,260	1/4	155,264	1/4	167,267	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	119,504	1/2	131,507	1/2	143,510	1/2	155,514	1/2	167,517	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	119,754	3/4	131,757	3/4	143,761	3/4	155,764	3/4	167,768	3/4		3/4	3/4	3/4		3/4		3/4	
3	120,004	3	132,007	3	144,011	3	156,014	3	168,018	3		3		3		3		3	
1/4	120,254	1/4	132,257	1/4	144,261	1/4	156,264	1/4	168,247	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	120,504	1/2	132,507	1/2	144,511	1/2	156,514	1/2	168,476	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	120,754	3/4	132,757	3/4	144,761	3/4	156,764	3/4	168,705	3/4		3/4	3/4	3/4		3/4		3/4	
4	121,004	4	133,007	4	145,011	4	157,014	4	168,935	4		4		4		4		4	
1/4	121,254	1/4	133,258	1/4	145,261	1/4	157,264	1/4	169,122	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	121,504	1/2	133,508	1/2	145,511	1/2	157,515	1/2	169,310	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	121,754	3/4	133,758	3/4	145,761	3/4	157,765	3/4	169,497	3/4		3/4	3/4	3/4		3/4		3/4	
5	122,004	5	134,008	5	146,011	5	158,015	5	169,685	5		5		5		5		5	
1/4	122,254	1/4	134,258	1/4	146,261	1/4	158,265	1/4	169,831	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	122,504	1/2	134,508	1/2	146,511	1/2	158,515	1/2	169,977	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	122,754	3/4	134,758	3/4	146,761	3/4	158,765	3/4	170,122	3/4		3/4	3/4	3/4		3/4		3/4	
6	123,005	6	135,008	6	147,012	6	159,015	6	170,268	6		6		6		6		6	
1/4	123,255	1/4	135,258	1/4	147,262	1/4	159,265	1/4	170,372	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	123,505	1/2	135,508	1/2	147,512	1/2	159,515	1/2	170,477	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	123,755	3/4	135,758	3/4	147,762	3/4	159,765	3/4	170,581	3/4		3/4	3/4	3/4		3/4		3/4	
7	124,005	7	136,008	7	148,012	7	160,015	7	170,685	7		7		7		7		7	
1/4	124,255	1/4	136,258	1/4	148,262	1/4	160,265	1/4	170,748	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	124,505	1/2	136,508	1/2	148,512	1/2	160,515	1/2	170,810	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	124,755	3/4	136,759	3/4	148,762	3/4	160,766	3/4	170,873	3/4		3/4	3/4	3/4		3/4		3/4	
8	125,005	8	137,009	8	149,012	8	161,016	8	170,935	8		8		8		8		8	
1/4	125,255	1/4	137,259	1/4	149,262	1/4	161,266	1/4	170,956	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	125,505	1/2	137,509	1/2	149,512	1/2	161,516	1/2	170,977	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	125,755	3/4	137,759	3/4	149,762	3/4	161,766	3/4		3/4		3/4	3/4	3/4		3/4		3/4	
9	126,005	9	138,009	9	150,012	9	162,016	9		9		9		9		9		9	
1/4	126,255	1/4	138,259	1/4	150,262	1/4	162,266	1/4		1/4		1/4	1/4	1/4		1/4		1/4	
1/2	126,506	1/2	138,509	1/2	150,513	1/2	162,516	1/2		1/2		1/2	1/2	1/2		1/2		1/2	
3/4	126,756	3/4	138,759	3/4	150,763	3/4	162,766	3/4		3/4		3/4	3/4	3/4		3/4		3/4	
10	127,006	10	139,009	10	151,013	10	163,016	10		10		10		10		10		10	
1/4	127,256	1/4	139,259	1/4	151,263	1/4	163,266	1/4		1/4		1/4	1/4	1/4		1/4		1/4	
1/2	127,506	1/2	139,509	1/2	151,513	1/2	163,516	1/2		1/2		1/2	1/2	1/2		1/2		1/2	
3/4	127,756	3/4	139,759	3/4	151,763	3/4	163,766	3/4		3/4		3/4	3/4	3/4		3/4		3/4	
11	128,006	11	140,009	11	152,013	11	164,016	11		11		11		11		11		11	
1/4	128,256	1/4	140,260	1/4	152,263	1/4	164,267	1/4		1/4		1/4	1/4	1/4		1/4		1/4	
1/2	128,506	1/2	140,510	1/2	152,513	1/2	164,517	1/2		1/2		1/2	1/2	1/2		1/2		1/2	
3/4	128,756	3/4	140,760	3/4	152,763	3/4	164,767	3/4		3/4		3/4	3/4	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2021 JS  
CALCULATED: 03/22/2021 CL  
PRINTED: 03/22/2021 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021



# BARGE "CBC 1429"

## 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	01-0/8	- 01-0/8	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: 180'-09"

March 22, 2021

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1429"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	0	0	0	0	144,367	0	136,247	0	128,126	0	120,013	0	109,531	0	97,944	0	86,357		
1/4	1/4	1/4	1/4	1/4	1/4	151,459	1/4	144,198	1/4	136,077	1/4	127,957	1/4	119,844	1/4	109,289	1/4	97,702	1/4	86,115
1/2	1/2	1/2	1/2	1/2	1/2	151,439	1/2	144,029	1/2	135,908	1/2	127,788	1/2	119,676	1/2	109,048	1/2	97,461	1/2	85,874
3/4	3/4	3/4	3/4	3/4	3/4	151,419	3/4	143,860	3/4	135,739	3/4	127,618	3/4	119,507	3/4	108,807	3/4	97,220	3/4	85,633
1	1	1	1	1	1	151,358	1	143,690	1	135,570	1	127,449	1	119,338	1	108,565	1	96,978	1	85,391
1/4	1/4	1/4	1/4	1/4	1/4	151,298	1/4	143,521	1/4	135,401	1/4	127,280	1/4	119,170	1/4	108,324	1/4	96,737	1/4	85,150
1/2	1/2	1/2	1/2	1/2	1/2	151,237	1/2	143,352	1/2	135,232	1/2	127,111	1/2	119,001	1/2	108,082	1/2	96,495	1/2	84,908
3/4	3/4	3/4	3/4	3/4	3/4	151,177	3/4	143,183	3/4	135,062	3/4	126,942	3/4	118,832	3/4	107,841	3/4	96,254	3/4	84,667
2	2	2	2	2	2	151,076	2	143,014	2	134,893	2	126,773	2	118,664	2	107,600	2	96,013	2	84,426
1/4	1/4	1/4	1/4	1/4	1/4	150,975	1/4	142,845	1/4	134,724	1/4	126,603	1/4	118,495	1/4	107,358	1/4	95,771	1/4	84,184
1/2	1/2	1/2	1/2	1/2	1/2	150,874	1/2	142,675	1/2	134,555	1/2	126,434	1/2	118,327	1/2	107,117	1/2	95,530	1/2	83,943
3/4	3/4	3/4	3/4	3/4	3/4	150,774	3/4	142,506	3/4	134,386	3/4	126,265	3/4	118,158	3/4	106,875	3/4	95,288	3/4	83,701
3	3	3	3	3	3	150,633	3	142,337	3	134,216	3	126,096	3	117,990	3	106,634	3	95,047	3	83,460
1/4	1/4	1/4	1/4	1/4	1/4	150,491	1/4	142,168	1/4	134,047	1/4	125,927	1/4	117,822	1/4	106,393	1/4	94,806	1/4	83,219
1/2	1/2	1/2	1/2	1/2	1/2	150,350	1/2	141,999	1/2	133,878	1/2	125,757	1/2	117,654	1/2	106,151	1/2	94,564	1/2	82,977
3/4	3/4	3/4	3/4	3/4	3/4	150,209	3/4	141,830	3/4	133,709	3/4	125,588	3/4	117,486	3/4	105,910	3/4	94,323	3/4	82,736
4	4	4	4	4	4	150,028	4	141,660	4	133,540	4	125,419	4	117,245	4	105,668	4	94,081	4	82,495
1/4	1/4	1/4	1/4	1/4	1/4	149,846	1/4	141,491	1/4	133,371	1/4	125,250	1/4	117,004	1/4	105,427	1/4	93,840	1/4	82,254
1/2	1/2	1/2	1/2	1/2	1/2	149,665	1/2	141,322	1/2	133,201	1/2	125,081	1/2	116,763	1/2	105,186	1/2	93,599	1/2	82,014
3/4	3/4	3/4	3/4	3/4	3/4	149,484	3/4	141,153	3/4	133,032	3/4	124,912	3/4	116,522	3/4	104,944	3/4	93,357	3/4	81,773
5	5	5	5	5	5	149,262	5	140,984	5	132,863	5	124,742	5	116,281	5	104,703	5	93,116	5	81,533
1/4	1/4	1/4	1/4	1/4	1/4	149,040	1/4	140,814	1/4	132,694	1/4	124,573	1/4	116,041	1/4	104,461	1/4	92,875	1/4	81,293
1/2	1/2	1/2	1/2	1/2	1/2	148,818	1/2	140,645	1/2	132,525	1/2	124,404	1/2	115,800	1/2	104,220	1/2	92,633	1/2	81,053
3/4	3/4	3/4	3/4	3/4	3/4	148,597	3/4	140,476	3/4	132,355	3/4	124,235	3/4	115,559	3/4	103,979	3/4	92,392	3/4	80,813
6	6	6	6	6	6	148,428	6	140,307	6	132,186	6	124,066	6	115,318	6	103,737	6	92,150	6	80,573
1/4	1/4	1/4	1/4	1/4	1/4	148,258	1/4	140,138	1/4	132,017	1/4	123,896	1/4	115,077	1/4	103,496	1/4	91,909	1/4	80,333
1/2	1/2	1/2	1/2	1/2	1/2	148,089	1/2	139,969	1/2	131,848	1/2	123,727	1/2	114,836	1/2	103,254	1/2	91,668	1/2	80,093
3/4	3/4	3/4	3/4	3/4	3/4	147,920	3/4	139,799	3/4	131,679	3/4	123,558	3/4	114,596	3/4	103,013	3/4	91,426	3/4	79,854
7	7	7	7	7	7	147,751	7	139,630	7	131,510	7	123,389	7	114,355	7	102,772	7	91,185	7	79,614
1/4	1/4	1/4	1/4	1/4	1/4	147,582	1/4	139,461	1/4	131,340	1/4	123,220	1/4	114,114	1/4	102,530	1/4	90,943	1/4	79,374
1/2	1/2	1/2	1/2	1/2	1/2	147,412	1/2	139,292	1/2	131,171	1/2	123,051	1/2	113,873	1/2	102,289	1/2	90,702	1/2	79,134
3/4	3/4	3/4	3/4	3/4	3/4	147,243	3/4	139,123	3/4	131,002	3/4	122,881	3/4	113,632	3/4	102,047	3/4	90,461	3/4	78,894
8	8	8	8	8	8	147,074	8	138,953	8	130,833	8	122,712	8	113,391	8	101,806	8	90,219	8	78,654
1/4	1/4	1/4	1/4	1/4	1/4	146,905	1/4	138,784	1/4	130,664	1/4	122,543	1/4	113,150	1/4	101,565	1/4	89,978	1/4	78,414
1/2	1/2	1/2	1/2	1/2	1/2	146,736	1/2	138,615	1/2	130,494	1/2	122,374	1/2	112,910	1/2	101,323	1/2	89,736	1/2	78,174
3/4	3/4	3/4	3/4	3/4	3/4	146,567	3/4	138,446	3/4	130,325	3/4	122,205	3/4	112,669	3/4	101,082	3/4	89,495	3/4	77,934
9	9	9	9	9	9	146,397	9	138,277	9	130,156	9	122,036	9	112,427	9	100,841	9	89,254	9	77,694
1/4	1/4	1/4	1/4	1/4	1/4	146,228	1/4	138,108	1/4	129,987	1/4	121,867	1/4	112,186	1/4	100,599	1/4	89,012	1/4	77,454
1/2	1/2	1/2	1/2	1/2	1/2	146,059	1/2	137,938	1/2	129,818	1/2	121,699	1/2	111,945	1/2	100,358	1/2	88,771	1/2	77,214
3/4	3/4	3/4	3/4	3/4	3/4	145,890	3/4	137,769	3/4	129,649	3/4	121,530	3/4	111,703	3/4	100,116	3/4	88,529	3/4	76,974
10	10	10	10	10	10	145,721	10	137,600	10	129,479	10	121,362	10	111,462	10	99,875	10	88,288	10	76,734
1/4	1/4	1/4	1/4	1/4	1/4	145,551	1/4	137,431	1/4	129,310	1/4	121,193	1/4	111,220	1/4	99,634	1/4	88,047	1/4	76,494
1/2	1/2	1/2	1/2	1/2	1/2	145,382	1/2	137,262	1/2	129,141	1/2	121,024	1/2	110,979	1/2	99,392	1/2	87,805	1/2	76,254
3/4	3/4	3/4	3/4	3/4	3/4	145,213	3/4	137,092	3/4	128,972	3/4	120,856	3/4	110,738	3/4	99,151	3/4	87,564	3/4	76,014
11	11	11	11	11	11	145,044	11	136,923	11	128,803	11	120,687	11	110,496	11	98,909	11	87,322	11	75,774
1/4	1/4	1/4	1/4	1/4	1/4	144,875	1/4	136,754	1/4	128,634	1/4	120,519	1/4	110,255	1/4	98,668	1/4	87,081	1/4	75,534
1/2	1/2	1/2	1/2	1/2	1/2	144,706	1/2	136,585	1/2	128,464	1/2	120,350	1/2	110,013	1/2	98,427	1/2	86,840	1/2	75,294
3/4	3/4	3/4	3/4	3/4	3/4	144,536	3/4	136,416	3/4	128,295	3/4	120,181	3/4	109,772	3/4	98,185	3/4	86,598	3/4	75,054

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 1429"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	74,814	0	63,238	0	51,655	0	40,073	0	28,699	0	17,170	0	5,565	0		0		0	
1/4	74,573	1/4	62,997	1/4	51,414	1/4	39,832	1/4	28,464	1/4	16,928	1/4	5,325	1/4	1/4	1/4		1/4	
1/2	74,332	1/2	62,755	1/2	51,173	1/2	39,590	1/2	28,230	1/2	16,687	1/2	5,084	1/2	1/2	1/2		1/2	
3/4	74,092	3/4	62,514	3/4	50,931	3/4	39,349	3/4	27,996	3/4	16,445	3/4	4,844	3/4	3/4	3/4		3/4	
1	73,851	1	62,273	1	50,690	1	39,108	1	27,762	1	16,203	1	4,605	1	1	1		1	
1/4	73,610	1/4	62,031	1/4	50,449	1/4	38,866	1/4	27,527	1/4	15,961	1/4	4,366	1/4	1/4	1/4		1/4	
1/2	73,370	1/2	61,790	1/2	50,208	1/2	38,625	1/2	27,293	1/2	15,719	1/2	4,126	1/2	1/2	1/2		1/2	
3/4	73,129	3/4	61,549	3/4	49,966	3/4	38,384	3/4	27,058	3/4	15,477	3/4	3,887	3/4	3/4	3/4		3/4	
2	72,888	2	61,307	2	49,725	2	38,143	2	26,824	2	15,235	2	3,650	2	2	2		2	
1/4	72,647	1/4	61,066	1/4	49,484	1/4	37,901	1/4	26,589	1/4	14,993	1/4	3,413	1/4	1/4	1/4		1/4	
1/2	72,407	1/2	60,825	1/2	49,242	1/2	37,660	1/2	26,355	1/2	14,752	1/2	3,176	1/2	1/2	1/2		1/2	
3/4	72,166	3/4	60,584	3/4	49,001	3/4	37,419	3/4	26,120	3/4	14,510	3/4	2,939	3/4	3/4	3/4		3/4	
3	71,925	3	60,342	3	48,760	3	37,177	3	25,878	3	14,268	3	2,718	3	3	3		3	
1/4	71,683	1/4	60,101	1/4	48,518	1/4	36,936	1/4	25,636	1/4	14,026	1/4	2,497	1/4	1/4	1/4		1/4	
1/2	71,442	1/2	59,860	1/2	48,277	1/2	36,695	1/2	25,394	1/2	13,784	1/2	2,276	1/2	1/2	1/2		1/2	
3/4	71,201	3/4	59,618	3/4	48,036	3/4	36,453	3/4	25,152	3/4	13,542	3/4	2,055	3/4	3/4	3/4		3/4	
4	70,959	4	59,377	4	47,795	4	36,212	4	24,911	4	13,300	4	1,873	4	4	4		4	
1/4	70,718	1/4	59,136	1/4	47,553	1/4	35,971	1/4	24,669	1/4	13,058	1/4	1,692	1/4	1/4	1/4		1/4	
1/2	70,477	1/2	58,894	1/2	47,312	1/2	35,730	1/2	24,427	1/2	12,816	1/2	1,511	1/2	1/2	1/2		1/2	
3/4	70,236	3/4	58,653	3/4	47,071	3/4	35,488	3/4	24,185	3/4	12,575	3/4	1,329	3/4	3/4	3/4		3/4	
5	69,994	5	58,412	5	46,829	5	35,254	5	23,943	5	12,333	5	1,188	5	5	5		5	
1/4	69,753	1/4	58,171	1/4	46,588	1/4	35,020	1/4	23,701	1/4	12,091	1/4	1,047	1/4	1/4	1/4		1/4	
1/2	69,512	1/2	57,929	1/2	46,347	1/2	34,786	1/2	23,459	1/2	11,849	1/2	906	1/2	1/2	1/2		1/2	
3/4	69,270	3/4	57,688	3/4	46,105	3/4	34,552	3/4	23,217	3/4	11,607	3/4	765	3/4	3/4	3/4		3/4	
6	69,029	6	57,447	6	45,864	6	34,318	6	22,976	6	11,365	6	664	6	6	6		6	
1/4	68,788	1/4	57,205	1/4	45,623	1/4	34,083	1/4	22,734	1/4	11,123	1/4	563	1/4	1/4	1/4		1/4	
1/2	68,546	1/2	56,964	1/2	45,382	1/2	33,849	1/2	22,492	1/2	10,881	1/2	463	1/2	1/2	1/2		1/2	
3/4	68,305	3/4	56,723	3/4	45,140	3/4	33,615	3/4	22,250	3/4	10,640	3/4	362	3/4	3/4	3/4		3/4	
7	68,064	7	56,481	7	44,899	7	33,381	7	22,008	7	10,398	7	301	7	7	7		7	
1/4	67,823	1/4	56,240	1/4	44,658	1/4	33,147	1/4	21,766	1/4	10,156	1/4	241	1/4	1/4	1/4		1/4	
1/2	67,581	1/2	55,999	1/2	44,416	1/2	32,913	1/2	21,524	1/2	9,914	1/2	180	1/2	1/2	1/2		1/2	
3/4	67,340	3/4	55,758	3/4	44,175	3/4	32,679	3/4	21,282	3/4	9,672	3/4	120	3/4	3/4	3/4		3/4	
8	67,099	8	55,516	8	43,934	8	32,445	8	21,040	8	9,430	8	100	8	8	8		8	
1/4	66,857	1/4	55,275	1/4	43,692	1/4	32,210	1/4	20,799	1/4	9,188	1/4	80	1/4	1/4	1/4		1/4	
1/2	66,616	1/2	55,034	1/2	43,451	1/2	31,976	1/2	20,557	1/2	8,946	1/2	60	1/2	1/2	1/2		1/2	
3/4	66,375	3/4	54,792	3/4	43,210	3/4	31,742	3/4	20,315	3/4	8,704	3/4	39	3/4	3/4	3/4		3/4	
9	66,133	9	54,551	9	42,969	9	31,508	9	20,073	9	8,463	9		9	9	9		9	
1/4	65,892	1/4	54,310	1/4	42,727	1/4	31,274	1/4	19,831	1/4	8,221	1/4		1/4	1/4	1/4		1/4	
1/2	65,651	1/2	54,068	1/2	42,486	1/2	31,040	1/2	19,589	1/2	7,979	1/2		1/2	1/2	1/2		1/2	
3/4	65,410	3/4	53,827	3/4	42,245	3/4	30,806	3/4	19,347	3/4	7,737	3/4		3/4	3/4	3/4		3/4	
10	65,168	10	53,586	10	42,003	10	30,572	10	19,105	10	7,495	10		10	10	10		10	
1/4	64,927	1/4	53,345	1/4	41,762	1/4	30,337	1/4	18,864	1/4	7,254	1/4		1/4	1/4	1/4		1/4	
1/2	64,686	1/2	53,103	1/2	41,521	1/2	30,103	1/2	18,622	1/2	7,012	1/2		1/2	1/2	1/2		1/2	
3/4	64,444	3/4	52,862	3/4	41,279	3/4	29,869	3/4	18,380	3/4	6,770	3/4		3/4	3/4	3/4		3/4	
11	64,203	11	52,621	11	41,038	11	29,635	11	18,138	11	6,529	11		11	11	11		11	
1/4	63,962	1/4	52,379	1/4	40,797	1/4	29,401	1/4	17,896	1/4	6,288	1/4		1/4	1/4	1/4		1/4	
1/2	63,720	1/2	52,138	1/2	40,556	1/2	29,167	1/2	17,654	1/2	6,047	1/2		1/2	1/2	1/2		1/2	
3/4	63,479	3/4	51,897	3/4	40,314	3/4	28,933	3/4	17,412	3/4	5,806	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2021 JS  
CALCULATED: 03/22/2021 CL  
PRINTED: 03/22/2021 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021



# BARGE "CBC 1429"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0		0		0	191,206	0	180,093	0	166,645	0	153,197	0	139,748	0	126,300	0	112,852	0	99,404
1/4	1/4	1/4	1/4	1/4	191,136	1/4	179,813	1/4	166,365	1/4	152,916	1/4	139,468	1/4	126,020	1/4	112,572	1/4	99,124
1/2	1/2	1/2	1/2	1/2	191,066	1/2	179,533	1/2	166,084	1/2	152,636	1/2	139,188	1/2	125,740	1/2	112,292	1/2	98,844
3/4	3/4	3/4	3/4	3/4	190,996	3/4	179,252	3/4	165,804	3/4	152,356	3/4	138,908	3/4	125,460	3/4	112,012	3/4	98,563
1	1	1	1	1	190,926	1	178,972	1	165,524	1	152,076	1	138,628	1	125,180	1	111,731	1	98,283
1/4	1/4	1/4	1/4	1/4	190,809	1/4	178,692	1/4	165,244	1/4	151,796	1/4	138,348	1/4	124,899	1/4	111,451	1/4	98,003
1/2	1/2	1/2	1/2	1/2	190,693	1/2	178,412	1/2	164,964	1/2	151,516	1/2	138,067	1/2	124,619	1/2	111,171	1/2	97,723
3/4	3/4	3/4	3/4	3/4	190,576	3/4	178,132	3/4	164,684	3/4	151,235	3/4	137,787	3/4	124,339	3/4	110,891	3/4	97,443
2	2	2	2	2	190,459	2	177,852	2	164,403	2	150,955	2	137,507	2	124,059	2	110,611	2	97,163
1/4	1/4	1/4	1/4	1/4	190,296	1/4	177,571	1/4	164,123	1/4	150,675	1/4	137,227	1/4	123,779	1/4	110,331	1/4	96,882
1/2	1/2	1/2	1/2	1/2	190,132	1/2	177,291	1/2	163,843	1/2	150,395	1/2	136,947	1/2	123,499	1/2	110,050	1/2	96,602
3/4	3/4	3/4	3/4	3/4	189,969	3/4	177,011	3/4	163,563	3/4	150,115	3/4	136,667	3/4	123,218	3/4	109,770	3/4	96,322
3	3	3	3	3	189,806	3	176,731	3	163,283	3	149,835	3	136,386	3	122,938	3	109,490	3	96,042
1/4	1/4	1/4	1/4	1/4	189,595	1/4	176,451	1/4	163,003	1/4	149,554	1/4	136,106	1/4	122,658	1/4	109,210	1/4	95,762
1/2	1/2	1/2	1/2	1/2	189,385	1/2	176,171	1/2	162,722	1/2	149,274	1/2	135,826	1/2	122,378	1/2	108,930	1/2	95,481
3/4	3/4	3/4	3/4	3/4	189,175	3/4	175,890	3/4	162,442	3/4	148,994	3/4	135,546	3/4	122,098	3/4	108,649	3/4	95,201
4	4	4	4	4	188,965	4	175,610	4	162,162	4	148,714	4	135,266	4	121,818	4	108,369	4	94,921
1/4	1/4	1/4	1/4	1/4	188,708	1/4	175,330	1/4	161,882	1/4	148,434	1/4	134,986	1/4	121,537	1/4	108,089	1/4	94,641
1/2	1/2	1/2	1/2	1/2	188,451	1/2	175,050	1/2	161,602	1/2	148,154	1/2	134,705	1/2	121,257	1/2	107,809	1/2	94,361
3/4	3/4	3/4	3/4	3/4	188,195	3/4	174,770	3/4	161,322	3/4	147,873	3/4	134,425	3/4	120,977	3/4	107,529	3/4	94,081
5	5	5	5	5	187,938	5	174,490	5	161,041	5	147,593	5	134,145	5	120,697	5	107,249	5	93,800
1/4	1/4	1/4	1/4	1/4	187,658	1/4	174,209	1/4	160,761	1/4	147,313	1/4	133,865	1/4	120,417	1/4	106,968	1/4	93,520
1/2	1/2	1/2	1/2	1/2	187,377	1/2	173,929	1/2	160,481	1/2	147,033	1/2	133,585	1/2	120,136	1/2	106,688	1/2	93,240
3/4	3/4	3/4	3/4	3/4	187,097	3/4	173,649	3/4	160,201	3/4	146,753	3/4	133,305	3/4	119,856	3/4	106,408	3/4	92,960
6	6	6	6	6	186,817	6	173,369	6	159,921	6	146,473	6	133,024	6	119,576	6	106,128	6	92,680
1/4	1/4	1/4	1/4	1/4	186,537	1/4	173,089	1/4	159,641	1/4	146,192	1/4	132,744	1/4	119,296	1/4	105,848	1/4	92,400
1/2	1/2	1/2	1/2	1/2	186,257	1/2	172,809	1/2	159,360	1/2	145,912	1/2	132,464	1/2	119,016	1/2	105,568	1/2	92,119
3/4	3/4	3/4	3/4	3/4	185,977	3/4	172,528	3/4	159,080	3/4	145,632	3/4	132,184	3/4	118,736	3/4	105,287	3/4	91,839
7	7	7	7	7	185,696	7	172,248	7	158,800	7	145,352	7	131,904	7	118,455	7	105,007	7	91,559
1/4	1/4	1/4	1/4	1/4	185,416	1/4	171,968	1/4	158,520	1/4	145,072	1/4	131,623	1/4	118,175	1/4	104,727	1/4	91,279
1/2	1/2	1/2	1/2	1/2	185,136	1/2	171,688	1/2	158,240	1/2	144,792	1/2	131,343	1/2	117,895	1/2	104,447	1/2	90,999
3/4	3/4	3/4	3/4	3/4	184,856	3/4	171,408	3/4	157,960	3/4	144,511	3/4	131,063	3/4	117,615	3/4	104,167	3/4	90,719
8	8	8	8	8	184,576	8	171,128	8	157,679	8	144,231	8	130,783	8	117,335	8	103,887	8	90,438
1/4	1/4	1/4	1/4	1/4	184,296	1/4	170,847	1/4	157,399	1/4	143,951	1/4	130,503	1/4	117,055	1/4	103,606	1/4	90,158
1/2	1/2	1/2	1/2	1/2	184,015	1/2	170,567	1/2	157,119	1/2	143,671	1/2	130,223	1/2	116,774	1/2	103,326	1/2	89,878
3/4	3/4	3/4	3/4	3/4	183,735	3/4	170,287	3/4	156,839	3/4	143,391	3/4	129,942	3/4	116,494	3/4	103,046	3/4	89,598
9	9	9	9	9	183,455	9	170,007	9	156,559	9	143,110	9	129,662	9	116,214	9	102,766	9	89,318
1/4	1/4	1/4	1/4	1/4	183,175	1/4	169,727	1/4	156,278	1/4	142,830	1/4	129,382	1/4	115,934	1/4	102,486	1/4	89,038
1/2	1/2	1/2	1/2	1/2	182,895	1/2	169,447	1/2	155,998	1/2	142,550	1/2	129,102	1/2	115,654	1/2	102,206	1/2	88,757
3/4	3/4	3/4	3/4	3/4	182,615	3/4	169,166	3/4	155,718	3/4	142,270	3/4	128,822	3/4	115,374	3/4	101,925	3/4	88,477
10	10	10	10	10	182,334	10	168,886	10	155,438	10	141,990	10	128,542	10	115,093	10	101,645	10	88,197
1/4	1/4	1/4	1/4	1/4	182,054	1/4	168,606	1/4	155,158	1/4	141,710	1/4	128,261	1/4	114,813	1/4	101,365	1/4	87,917
1/2	1/2	1/2	1/2	1/2	181,774	1/2	168,326	1/2	154,878	1/2	141,429	1/2	127,981	1/2	114,533	1/2	101,085	1/2	87,637
3/4	3/4	3/4	3/4	3/4	181,494	3/4	168,046	3/4	154,597	3/4	141,149	3/4	127,701	3/4	114,253	3/4	100,805	3/4	87,357
11	11	11	11	11	181,214	11	167,765	11	154,317	11	140,869	11	127,421	11	113,973	11	100,525	11	87,076
1/4	1/4	1/4	1/4	1/4	180,934	1/4	167,485	1/4	154,037	1/4	140,589	1/4	127,141	1/4	113,693	1/4	100,244	1/4	86,796
1/2	1/2	1/2	1/2	1/2	191,253	1/2	180,653	1/2	167,205	1/2	153,757	1/2	140,309	1/2	126,861	1/2	113,412	1/2	99,964
3/4	3/4	3/4	3/4	3/4	191,230	3/4	180,373	3/4	166,925	3/4	153,477	3/4	140,029	3/4	126,580	3/4	113,132	3/4	99,684

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 36'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1429"

## 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	85,956	0	72,507	0	59,059	0	45,611	0	32,458	0	19,041	0	5,605	0		0		0	
1/4	85,676	1/4	72,227	1/4	58,779	1/4	45,331	1/4	32,185	1/4	18,761	1/4	5,328	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,395	1/2	71,947	1/2	58,499	1/2	45,051	1/2	31,913	1/2	18,481	1/2	5,051	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,115	3/4	71,667	3/4	58,219	3/4	44,771	3/4	31,641	3/4	18,201	3/4	4,774	3/4	3/4	3/4	3/4	3/4	3/4
1	84,835	1	71,387	1	57,939	1	44,490	1	31,368	1	17,921	1	4,497	1	1	1	1	1	1
1/4	84,555	1/4	71,107	1/4	57,658	1/4	44,210	1/4	31,088	1/4	17,641	1/4	4,222	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,275	1/2	70,826	1/2	57,378	1/2	43,930	1/2	30,808	1/2	17,360	1/2	3,947	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,994	3/4	70,546	3/4	57,098	3/4	43,650	3/4	30,528	3/4	17,080	3/4	3,673	3/4	3/4	3/4	3/4	3/4	3/4
2	83,714	2	70,266	2	56,818	2	43,370	2	30,248	2	16,800	2	3,398	2	2	2	2	2	2
1/4	83,434	1/4	69,986	1/4	56,538	1/4	43,090	1/4	29,968	1/4	16,520	1/4	3,142	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,154	1/2	69,706	1/2	56,258	1/2	42,809	1/2	29,688	1/2	16,240	1/2	2,886	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,874	3/4	69,426	3/4	55,977	3/4	42,529	3/4	29,407	3/4	15,960	3/4	2,630	3/4	3/4	3/4	3/4	3/4	3/4
3	82,594	3	69,145	3	55,697	3	42,249	3	29,127	3	15,679	3	2,374	3	3	3	3	3	3
1/4	82,313	1/4	68,865	1/4	55,417	1/4	41,977	1/4	28,847	1/4	15,399	1/4	2,164	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,033	1/2	68,585	1/2	55,137	1/2	41,704	1/2	28,567	1/2	15,119	1/2	1,954	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,753	3/4	68,305	3/4	54,857	3/4	41,432	3/4	28,287	3/4	14,839	3/4	1,744	3/4	3/4	3/4	3/4	3/4	3/4
4	81,473	4	68,025	4	54,577	4	41,160	4	28,007	4	14,559	4	1,534	4	4	4	4	4	4
1/4	81,193	1/4	67,745	1/4	54,296	1/4	40,888	1/4	27,726	1/4	14,279	1/4	1,370	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,913	1/2	67,464	1/2	54,016	1/2	40,616	1/2	27,446	1/2	13,998	1/2	1,207	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,632	3/4	67,184	3/4	53,736	3/4	40,344	3/4	27,166	3/4	13,718	3/4	1,043	3/4	3/4	3/4	3/4	3/4	3/4
5	80,352	5	66,904	5	53,456	5	40,072	5	26,886	5	13,438	5	880	5	5	5	5	5	5
1/4	80,072	1/4	66,624	1/4	53,176	1/4	39,800	1/4	26,606	1/4	13,158	1/4	763	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,792	1/2	66,344	1/2	52,896	1/2	39,528	1/2	26,326	1/2	12,878	1/2	646	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,512	3/4	66,064	3/4	52,615	3/4	39,256	3/4	26,045	3/4	12,598	3/4	530	3/4	3/4	3/4	3/4	3/4	3/4
6	79,232	6	65,783	6	52,335	6	38,984	6	25,765	6	12,317	6	413	6	6	6	6	6	6
1/4	78,951	1/4	65,503	1/4	52,055	1/4	38,712	1/4	25,485	1/4	12,037	1/4	343	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,671	1/2	65,223	1/2	51,775	1/2	38,440	1/2	25,205	1/2	11,757	1/2	273	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,391	3/4	64,943	3/4	51,495	3/4	38,168	3/4	24,925	3/4	11,477	3/4	203	3/4	3/4	3/4	3/4	3/4	3/4
7	78,111	7	64,663	7	51,215	7	37,897	7	24,645	7	11,197	7	133	7	7	7	7	7	7
1/4	77,831	1/4	64,383	1/4	50,934	1/4	37,625	1/4	24,364	1/4	10,917	1/4	109	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,551	1/2	64,102	1/2	50,654	1/2	37,353	1/2	24,084	1/2	10,637	1/2	86	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,270	3/4	63,822	3/4	50,374	3/4	37,081	3/4	23,804	3/4	10,356	3/4	63	3/4	3/4	3/4	3/4	3/4	3/4
8	76,990	8	63,542	8	50,094	8	36,809	8	23,524	8	10,076	8	39	8	8	8	8	8	8
1/4	76,710	1/4	63,262	1/4	49,814	1/4	36,537	1/4	23,244	1/4	9,796	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,430	1/2	62,982	1/2	49,533	1/2	36,265	1/2	22,964	1/2	9,516	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,150	3/4	62,702	3/4	49,253	3/4	35,993	3/4	22,683	3/4	9,236	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	75,870	9	62,421	9	48,973	9	35,721	9	22,403	9	8,956	9		9	9	9	9	9	9
1/4	75,589	1/4	62,141	1/4	48,693	1/4	35,449	1/4	22,123	1/4	8,676	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,309	1/2	61,861	1/2	48,413	1/2	35,177	1/2	21,843	1/2	8,396	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,029	3/4	61,581	3/4	48,133	3/4	34,905	3/4	21,563	3/4	8,116	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	74,749	10	61,301	10	47,852	10	34,633	10	21,283	10	7,836	10		10	10	10	10	10	10
1/4	74,469	1/4	61,020	1/4	47,572	1/4	34,361	1/4	21,003	1/4	7,557	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,189	1/2	60,740	1/2	47,292	1/2	34,089	1/2	20,722	1/2	7,277	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,908	3/4	60,460	3/4	47,012	3/4	33,817	3/4	20,442	3/4	6,998	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	73,628	11	60,180	11	46,732	11	33,545	11	20,162	11	6,719	11		11	11	11	11	11	11
1/4	73,348	1/4	59,900	1/4	46,452	1/4	33,273	1/4	19,882	1/4	6,440	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,068	1/2	59,620	1/2	46,171	1/2	33,002	1/2	19,602	1/2	6,162	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,788	3/4	59,339	3/4	45,891	3/4	32,730	3/4	19,322	3/4	5,883	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2021 JS  
CALCULATED: 03/22/2021 CL  
PRINTED: 03/22/2021 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021



# BARGE "CBC 1429"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							162,016		150,012		138,009		126,005		114,002		101,998		89,995
1/4	1/4	1/4	1/4	1/4	1/4	1/4	161,766	1/4	149,762	1/4	137,759	1/4	125,755	1/4	113,752	1/4	101,748	1/4	89,745
1/2	1/2	1/2	170,977	1/2	161,516	1/2	149,512	1/2	137,509	1/2	125,505	1/2	113,502	1/2	101,498	1/2	89,495		
3/4	3/4	3/4	170,956	3/4	161,266	3/4	149,262	3/4	137,259	3/4	125,255	3/4	113,252	3/4	101,248	3/4	89,245		
<b>1</b>	<b>1</b>	<b>1</b>	<b>170,935</b>	<b>1</b>	<b>161,016</b>	<b>1</b>	<b>149,012</b>	<b>1</b>	<b>137,009</b>	<b>1</b>	<b>125,005</b>	<b>1</b>	<b>113,002</b>	<b>1</b>	<b>100,998</b>	<b>1</b>	<b>88,995</b>		
1/4	1/4	1/4	170,873	1/4	160,766	1/4	148,762	1/4	136,759	1/4	124,755	1/4	112,752	1/4	100,748	1/4	88,745		
1/2	1/2	1/2	170,810	1/2	160,515	1/2	148,512	1/2	136,508	1/2	124,505	1/2	112,501	1/2	100,498	1/2	88,494		
3/4	3/4	3/4	170,748	3/4	160,265	3/4	148,262	3/4	136,258	3/4	124,255	3/4	112,251	3/4	100,248	3/4	88,244		
<b>2</b>	<b>2</b>	<b>2</b>	<b>170,685</b>	<b>2</b>	<b>160,015</b>	<b>2</b>	<b>148,012</b>	<b>2</b>	<b>136,008</b>	<b>2</b>	<b>124,005</b>	<b>2</b>	<b>112,001</b>	<b>2</b>	<b>99,998</b>	<b>2</b>	<b>87,994</b>		
1/4	1/4	1/4	170,581	1/4	159,765	1/4	147,762	1/4	135,758	1/4	123,755	1/4	111,751	1/4	99,748	1/4	87,744		
1/2	1/2	1/2	170,477	1/2	159,515	1/2	147,512	1/2	135,508	1/2	123,505	1/2	111,501	1/2	99,498	1/2	87,494		
3/4	3/4	3/4	170,372	3/4	159,265	3/4	147,262	3/4	135,258	3/4	123,255	3/4	111,251	3/4	99,248	3/4	87,244		
<b>3</b>	<b>3</b>	<b>3</b>	<b>170,268</b>	<b>3</b>	<b>159,015</b>	<b>3</b>	<b>147,012</b>	<b>3</b>	<b>135,008</b>	<b>3</b>	<b>123,005</b>	<b>3</b>	<b>111,001</b>	<b>3</b>	<b>98,998</b>	<b>3</b>	<b>86,994</b>		
1/4	1/4	1/4	170,122	1/4	158,765	1/4	146,761	1/4	134,758	1/4	122,754	1/4	110,751	1/4	98,747	1/4	86,744		
1/2	1/2	1/2	169,977	1/2	158,515	1/2	146,511	1/2	134,508	1/2	122,504	1/2	110,501	1/2	98,497	1/2	86,494		
3/4	3/4	3/4	169,831	3/4	158,265	3/4	146,261	3/4	134,258	3/4	122,254	3/4	110,251	3/4	98,247	3/4	86,244		
<b>4</b>	<b>4</b>	<b>4</b>	<b>169,685</b>	<b>4</b>	<b>158,015</b>	<b>4</b>	<b>146,011</b>	<b>4</b>	<b>134,008</b>	<b>4</b>	<b>122,004</b>	<b>4</b>	<b>110,001</b>	<b>4</b>	<b>97,997</b>	<b>4</b>	<b>85,994</b>		
1/4	1/4	1/4	169,497	1/4	157,765	1/4	145,761	1/4	133,758	1/4	121,754	1/4	109,751	1/4	97,747	1/4	85,744		
1/2	1/2	1/2	169,310	1/2	157,515	1/2	145,511	1/2	133,508	1/2	121,504	1/2	109,501	1/2	97,497	1/2	85,494		
3/4	3/4	3/4	169,122	3/4	157,264	3/4	145,261	3/4	133,258	3/4	121,254	3/4	109,251	3/4	97,247	3/4	85,244		
<b>5</b>	<b>5</b>	<b>5</b>	<b>168,935</b>	<b>5</b>	<b>157,014</b>	<b>5</b>	<b>145,011</b>	<b>5</b>	<b>133,007</b>	<b>5</b>	<b>121,004</b>	<b>5</b>	<b>109,000</b>	<b>5</b>	<b>96,997</b>	<b>5</b>	<b>84,993</b>		
1/4	1/4	1/4	168,705	1/4	156,764	1/4	144,761	1/4	132,757	1/4	120,754	1/4	108,751	1/4	96,747	1/4	84,743		
1/2	1/2	1/2	168,476	1/2	156,514	1/2	144,511	1/2	132,507	1/2	120,504	1/2	108,500	1/2	96,497	1/2	84,493		
3/4	3/4	3/4	168,247	3/4	156,264	3/4	144,261	3/4	132,257	3/4	120,254	3/4	108,250	3/4	96,247	3/4	84,243		
<b>6</b>	<b>6</b>	<b>6</b>	<b>168,018</b>	<b>6</b>	<b>156,014</b>	<b>6</b>	<b>144,011</b>	<b>6</b>	<b>132,007</b>	<b>6</b>	<b>120,004</b>	<b>6</b>	<b>108,000</b>	<b>6</b>	<b>95,997</b>	<b>6</b>	<b>83,993</b>		
1/4	1/4	1/4	167,768	1/4	155,764	1/4	143,761	1/4	131,757	1/4	119,754	1/4	107,751	1/4	95,747	1/4	83,743		
1/2	1/2	1/2	167,517	1/2	155,514	1/2	143,510	1/2	131,507	1/2	119,504	1/2	107,500	1/2	95,497	1/2	83,493		
3/4	3/4	3/4	167,267	3/4	155,264	3/4	143,260	3/4	131,257	3/4	119,253	3/4	107,250	3/4	95,246	3/4	83,243		
<b>7</b>	<b>7</b>	<b>7</b>	<b>167,017</b>	<b>7</b>	<b>155,014</b>	<b>7</b>	<b>143,010</b>	<b>7</b>	<b>131,007</b>	<b>7</b>	<b>119,003</b>	<b>7</b>	<b>107,000</b>	<b>7</b>	<b>94,996</b>	<b>7</b>	<b>82,993</b>		
1/4	1/4	1/4	166,767	1/4	154,764	1/4	142,760	1/4	130,757	1/4	118,753	1/4	106,750	1/4	94,746	1/4	82,743		
1/2	1/2	1/2	166,517	1/2	154,514	1/2	142,510	1/2	130,507	1/2	118,503	1/2	106,500	1/2	94,496	1/2	82,493		
3/4	3/4	3/4	166,267	3/4	154,264	3/4	142,260	3/4	130,257	3/4	118,253	3/4	106,250	3/4	94,246	3/4	82,243		
<b>8</b>	<b>8</b>	<b>8</b>	<b>166,017</b>	<b>8</b>	<b>154,014</b>	<b>8</b>	<b>142,010</b>	<b>8</b>	<b>130,007</b>	<b>8</b>	<b>118,003</b>	<b>8</b>	<b>106,000</b>	<b>8</b>	<b>93,996</b>	<b>8</b>	<b>81,993</b>		
1/4	1/4	1/4	165,767	1/4	153,763	1/4	141,760	1/4	129,756	1/4	117,753	1/4	105,750	1/4	93,746	1/4	81,743		
1/2	1/2	1/2	165,517	1/2	153,513	1/2	141,510	1/2	129,506	1/2	117,503	1/2	105,499	1/2	93,496	1/2	81,492		
3/4	3/4	3/4	165,267	3/4	153,263	3/4	141,260	3/4	129,256	3/4	117,253	3/4	105,249	3/4	93,246	3/4	81,242		
<b>9</b>	<b>9</b>	<b>9</b>	<b>165,017</b>	<b>9</b>	<b>153,013</b>	<b>9</b>	<b>141,010</b>	<b>9</b>	<b>129,006</b>	<b>9</b>	<b>117,003</b>	<b>9</b>	<b>104,999</b>	<b>9</b>	<b>92,996</b>	<b>9</b>	<b>80,992</b>		
1/4	1/4	1/4	164,767	1/4	152,763	1/4	140,760	1/4	128,756	1/4	116,753	1/4	104,749	1/4	92,746	1/4	80,742		
1/2	1/2	1/2	164,517	1/2	152,513	1/2	140,510	1/2	128,506	1/2	116,503	1/2	104,499	1/2	92,496	1/2	80,492		
3/4	3/4	3/4	164,267	3/4	152,263	3/4	140,260	3/4	128,256	3/4	116,253	3/4	104,249	3/4	92,246	3/4	80,242		
<b>10</b>	<b>10</b>	<b>10</b>	<b>164,016</b>	<b>10</b>	<b>152,013</b>	<b>10</b>	<b>140,009</b>	<b>10</b>	<b>128,006</b>	<b>10</b>	<b>116,002</b>	<b>10</b>	<b>103,999</b>	<b>10</b>	<b>91,996</b>	<b>10</b>	<b>79,992</b>		
1/4	1/4	1/4	163,766	1/4	151,763	1/4	139,759	1/4	127,756	1/4	115,752	1/4	103,749	1/4	91,745	1/4	79,742		
1/2	1/2	1/2	163,516	1/2	151,513	1/2	139,509	1/2	127,506	1/2	115,502	1/2	103,499	1/2	91,495	1/2	79,492		
3/4	3/4	3/4	163,266	3/4	151,263	3/4	139,259	3/4	127,256	3/4	115,252	3/4	103,249	3/4	91,245	3/4	79,242		
<b>11</b>	<b>11</b>	<b>11</b>	<b>163,016</b>	<b>11</b>	<b>151,013</b>	<b>11</b>	<b>139,009</b>	<b>11</b>	<b>127,006</b>	<b>11</b>	<b>115,002</b>	<b>11</b>	<b>102,999</b>	<b>11</b>	<b>90,995</b>	<b>11</b>	<b>78,992</b>		
1/4	1/4	1/4	162,766	1/4	150,763	1/4	138,759	1/4	126,756	1/4	114,752	1/4	102,749	1/4	90,745	1/4	78,742		
1/2	1/2	1/2	162,516	1/2	150,513	1/2	138,509	1/2	126,506	1/2	114,502	1/2	102,499	1/2	90,495	1/2	78,492		
3/4	3/4	3/4	162,266	3/4	150,262	3/4	138,259	3/4	126,255	3/4	114,252	3/4	102,248	3/4	90,245	3/4	78,242		

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 29'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1429"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	77,991	0	65,988	0	53,984	0	41,981	0	29,998	0	18,000	0	6,001	0		0		0	
1/4	77,741	1/4	65,738	1/4	53,734	1/4	41,731	1/4	29,748	1/4	17,750	1/4	5,753	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,491	1/2	65,488	1/2	53,484	1/2	41,481	1/2	29,499	1/2	17,500	1/2	5,504	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,241	3/4	65,238	3/4	53,234	3/4	41,231	3/4	29,250	3/4	17,250	3/4	5,255	3/4	3/4	3/4	3/4	3/4	3/4
1	76,991	1	64,988	1	52,984	1	40,981	1	29,000	1	17,000	1	5,007	1	1	1	1	1	1
1/4	76,741	1/4	64,738	1/4	52,734	1/4	40,731	1/4	28,751	1/4	16,750	1/4	4,760	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,491	1/2	64,488	1/2	52,484	1/2	40,481	1/2	28,501	1/2	16,500	1/2	4,512	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,241	3/4	64,237	3/4	52,234	3/4	40,230	3/4	28,251	3/4	16,250	3/4	4,265	3/4	3/4	3/4	3/4	3/4	3/4
2	75,991	2	63,987	2	51,984	2	39,980	2	28,001	2	16,000	2	4,018	2	2	2	2	2	2
1/4	75,741	1/4	63,737	1/4	51,734	1/4	39,730	1/4	27,752	1/4	15,750	1/4	3,773	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,491	1/2	63,487	1/2	51,484	1/2	39,480	1/2	27,502	1/2	15,500	1/2	3,528	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,241	3/4	63,237	3/4	51,234	3/4	39,230	3/4	27,252	3/4	15,250	3/4	3,283	3/4	3/4	3/4	3/4	3/4	3/4
3	74,991	3	62,987	3	50,984	3	38,980	3	27,003	3	15,000	3	3,038	3	3	3	3	3	3
1/4	74,740	1/4	62,737	1/4	50,734	1/4	38,730	1/4	26,753	1/4	14,749	1/4	2,809	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,490	1/2	62,487	1/2	50,483	1/2	38,480	1/2	26,502	1/2	14,499	1/2	2,580	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,240	3/4	62,237	3/4	50,233	3/4	38,230	3/4	26,252	3/4	14,249	3/4	2,352	3/4	3/4	3/4	3/4	3/4	3/4
4	73,990	4	61,987	4	49,983	4	37,980	4	26,002	4	13,999	4	2,123	4	4	4	4	4	4
1/4	73,740	1/4	61,737	1/4	49,733	1/4	37,730	1/4	25,752	1/4	13,749	1/4	1,936	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,490	1/2	61,487	1/2	49,483	1/2	37,480	1/2	25,502	1/2	13,499	1/2	1,748	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,240	3/4	61,237	3/4	49,233	3/4	37,230	3/4	25,252	3/4	13,249	3/4	1,561	3/4	3/4	3/4	3/4	3/4	3/4
5	72,990	5	60,986	5	48,983	5	36,980	5	25,002	5	12,999	5	1,373	5	5	5	5	5	5
1/4	72,740	1/4	60,736	1/4	48,733	1/4	36,730	1/4	24,752	1/4	12,749	1/4	1,227	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,490	1/2	60,486	1/2	48,483	1/2	36,481	1/2	24,502	1/2	12,499	1/2	1,081	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,240	3/4	60,236	3/4	48,233	3/4	36,231	3/4	24,252	3/4	12,249	3/4	935	3/4	3/4	3/4	3/4	3/4	3/4
6	71,990	6	59,986	6	47,983	6	35,982	6	24,002	6	11,999	6	790	6	6	6	6	6	6
1/4	71,740	1/4	59,736	1/4	47,733	1/4	35,733	1/4	23,752	1/4	11,749	1/4	685	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,490	1/2	59,486	1/2	47,483	1/2	35,483	1/2	23,502	1/2	11,499	1/2	581	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,239	3/4	59,236	3/4	47,232	3/4	35,234	3/4	23,252	3/4	11,249	3/4	477	3/4	3/4	3/4	3/4	3/4	3/4
7	70,989	7	58,986	7	46,982	7	34,985	7	23,002	7	10,999	7	373	7	7	7	7	7	7
1/4	70,739	1/4	58,736	1/4	46,732	1/4	34,735	1/4	22,752	1/4	10,748	1/4	310	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,489	1/2	58,486	1/2	46,482	1/2	34,486	1/2	22,501	1/2	10,498	1/2	248	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,239	3/4	58,236	3/4	46,232	3/4	34,237	3/4	22,251	3/4	10,248	3/4	185	3/4	3/4	3/4	3/4	3/4	3/4
8	69,989	8	57,986	8	45,982	8	33,987	8	22,001	8	9,998	8	123	8	8	8	8	8	8
1/4	69,739	1/4	57,736	1/4	45,732	1/4	33,738	1/4	21,751	1/4	9,748	1/4	102	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,489	1/2	57,485	1/2	45,482	1/2	33,489	1/2	21,501	1/2	9,498	1/2	81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,239	3/4	57,235	3/4	45,232	3/4	33,239	3/4	21,251	3/4	9,248	3/4	60	3/4	3/4	3/4	3/4	3/4	3/4
9	68,989	9	56,985	9	44,982	9	32,990	9	21,001	9	8,998	9	40	9	9	9	9	9	9
1/4	68,739	1/4	56,735	1/4	44,732	1/4	32,741	1/4	20,751	1/4	8,748	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,489	1/2	56,485	1/2	44,482	1/2	32,491	1/2	20,501	1/2	8,498	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,239	3/4	56,235	3/4	44,232	3/4	32,242	3/4	20,251	3/4	8,248	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,989	10	55,985	10	43,982	10	31,992	10	20,001	10	7,998	10	10	10	10	10	10	10	10
1/4	67,738	1/4	55,735	1/4	43,731	1/4	31,743	1/4	19,751	1/4	7,748	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,488	1/2	55,485	1/2	43,481	1/2	31,494	1/2	19,501	1/2	7,498	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,238	3/4	55,235	3/4	43,231	3/4	31,244	3/4	19,251	3/4	7,248	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,988	11	54,985	11	42,981	11	30,995	11	19,001	11	6,998	11	11	11	11	11	11	11	11
1/4	66,738	1/4	54,735	1/4	42,731	1/4	30,746	1/4	18,750	1/4	6,749	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,488	1/2	54,485	1/2	42,481	1/2	30,496	1/2	18,500	1/2	6,500	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,238	3/4	54,235	3/4	42,231	3/4	30,247	3/4	18,250	3/4	6,250	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/22/2021 JS  
CALCULATED: 03/22/2021 CL  
PRINTED: 03/22/2021 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021