



# BARGE "CBC 1427"

## 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	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8
3 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 180'-09"

January 11, 2021

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1427"

## 1 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	8,714	0	20,337	0	31,777	0	43,257	0	54,852	0	66,447	0	78,019	0	89,592	0	101,192
1/4	60	1/4	8,956	1/4	20,579	1/4	32,011	1/4	43,498	1/4	55,093	1/4	66,688	1/4	78,259	1/4	89,834	1/4	101,433
1/2	80	1/2	9,198	1/2	20,821	1/2	32,245	1/2	43,740	1/2	55,335	1/2	66,930	1/2	78,499	1/2	90,076	1/2	101,675
3/4	100	3/4	9,440	3/4	21,063	3/4	32,480	3/4	43,982	3/4	55,577	3/4	67,172	3/4	78,739	3/4	90,317	3/4	101,917
1	120	1	9,682	1	21,305	1	32,714	1	44,223	1	55,818	1	67,413	1	78,979	1	90,559	1	102,158
1/4	181	1/4	9,925	1/4	21,548	1/4	32,949	1/4	44,465	1/4	56,060	1/4	67,655	1/4	79,220	1/4	90,801	1/4	102,400
1/2	241	1/2	10,167	1/2	21,790	1/2	33,183	1/2	44,706	1/2	56,301	1/2	67,896	1/2	79,460	1/2	91,042	1/2	102,642
3/4	302	3/4	10,409	3/4	22,032	3/4	33,417	3/4	44,948	3/4	56,543	3/4	68,138	3/4	79,700	3/4	91,284	3/4	102,883
2	362	2	10,651	2	22,274	2	33,652	2	45,189	2	56,784	2	68,379	2	79,940	2	91,525	2	103,125
1/4	463	1/4	10,893	1/4	22,516	1/4	33,886	1/4	45,431	1/4	57,026	1/4	68,621	1/4	80,181	1/4	91,767	1/4	103,367
1/2	564	1/2	11,135	1/2	22,758	1/2	34,121	1/2	45,672	1/2	57,267	1/2	68,862	1/2	80,421	1/2	92,009	1/2	103,608
3/4	665	3/4	11,378	3/4	23,000	3/4	34,355	3/4	45,914	3/4	57,509	3/4	69,104	3/4	80,661	3/4	92,250	3/4	103,850
3	766	3	11,620	3	23,243	3	34,589	3	46,156	3	57,751	3	69,346	3	80,901	3	92,492	3	104,092
1/4	907	1/4	11,862	1/4	23,485	1/4	34,824	1/4	46,397	1/4	57,992	1/4	69,587	1/4	81,141	1/4	92,734	1/4	104,333
1/2	1,048	1/2	12,104	1/2	23,727	1/2	35,058	1/2	46,639	1/2	58,234	1/2	69,829	1/2	81,382	1/2	92,975	1/2	104,575
3/4	1,189	3/4	12,346	3/4	23,969	3/4	35,292	3/4	46,880	3/4	58,475	3/4	70,070	3/4	81,622	3/4	93,217	3/4	104,817
4	1,331	4	12,588	4	24,211	4	35,527	4	47,122	4	58,717	4	70,312	4	81,862	4	93,459	4	105,058
1/4	1,512	1/4	12,830	1/4	24,453	1/4	35,768	1/4	47,363	1/4	58,958	1/4	70,553	1/4	82,103	1/4	93,700	1/4	105,300
1/2	1,694	1/2	13,073	1/2	24,696	1/2	36,010	1/2	47,605	1/2	59,200	1/2	70,795	1/2	82,344	1/2	93,942	1/2	105,542
3/4	1,875	3/4	13,315	3/4	24,938	3/4	36,252	3/4	47,847	3/4	59,442	3/4	71,037	3/4	82,585	3/4	94,184	3/4	105,783
5	2,057	5	13,557	5	25,180	5	36,493	5	48,088	5	59,683	5	71,278	5	82,826	5	94,425	5	106,025
1/4	2,278	1/4	13,799	1/4	25,422	1/4	36,735	1/4	48,330	1/4	59,925	1/4	71,520	1/4	83,067	1/4	94,667	1/4	106,267
1/2	2,500	1/2	14,041	1/2	25,664	1/2	36,976	1/2	48,571	1/2	60,166	1/2	71,761	1/2	83,309	1/2	94,909	1/2	106,508
3/4	2,721	3/4	14,283	3/4	25,906	3/4	37,218	3/4	48,813	3/4	60,408	3/4	72,003	3/4	83,551	3/4	95,150	3/4	106,750
6	2,942	6	14,525	6	26,148	6	37,459	6	49,054	6	60,649	6	72,244	6	83,792	6	95,392	6	106,991
1/4	3,179	1/4	14,768	1/4	26,383	1/4	37,701	1/4	49,296	1/4	60,891	1/4	72,485	1/4	84,034	1/4	95,634	1/4	107,233
1/2	3,417	1/2	15,010	1/2	26,618	1/2	37,942	1/2	49,537	1/2	61,132	1/2	72,726	1/2	84,276	1/2	95,875	1/2	107,475
3/4	3,654	3/4	15,252	3/4	26,853	3/4	38,184	3/4	49,779	3/4	61,374	3/4	72,967	3/4	84,517	3/4	96,117	3/4	107,716
7	3,891	7	15,494	7	27,087	7	38,426	7	50,021	7	61,616	7	73,208	7	84,759	7	96,359	7	107,958
1/4	4,131	1/4	15,736	1/4	27,322	1/4	38,667	1/4	50,262	1/4	61,857	1/4	73,449	1/4	85,001	1/4	96,600	1/4	108,200
1/2	4,370	1/2	15,978	1/2	27,557	1/2	38,909	1/2	50,504	1/2	62,099	1/2	73,690	1/2	85,242	1/2	96,842	1/2	108,441
3/4	4,610	3/4	16,220	3/4	27,792	3/4	39,150	3/4	50,745	3/4	62,340	3/4	73,931	3/4	85,484	3/4	97,084	3/4	108,683
8	4,849	8	16,463	8	28,027	8	39,392	8	50,987	8	62,582	8	74,172	8	85,726	8	97,325	8	108,925
1/4	5,090	1/4	16,705	1/4	28,261	1/4	39,633	1/4	51,228	1/4	62,823	1/4	74,413	1/4	85,967	1/4	97,567	1/4	109,166
1/2	5,331	1/2	16,947	1/2	28,495	1/2	39,875	1/2	51,470	1/2	63,065	1/2	74,654	1/2	86,209	1/2	97,809	1/2	109,408
3/4	5,571	3/4	17,189	3/4	28,730	3/4	40,117	3/4	51,712	3/4	63,307	3/4	74,895	3/4	86,451	3/4	98,050	3/4	109,650
9	5,812	9	17,431	9	28,964	9	40,358	9	51,953	9	63,548	9	75,136	9	86,692	9	98,292	9	109,891
1/4	6,053	1/4	17,673	1/4	29,198	1/4	40,600	1/4	52,195	1/4	63,790	1/4	75,376	1/4	86,934	1/4	98,534	1/4	110,133
1/2	6,295	1/2	17,915	1/2	29,433	1/2	40,841	1/2	52,436	1/2	64,031	1/2	75,616	1/2	87,176	1/2	98,775	1/2	110,375
3/4	6,536	3/4	18,158	3/4	29,667	3/4	41,083	3/4	52,678	3/4	64,273	3/4	75,857	3/4	87,417	3/4	99,017	3/4	110,616
10	6,778	10	18,400	10	29,902	10	41,324	10	52,919	10	64,514	10	76,097	10	87,659	10	99,258	10	110,858
1/4	7,020	1/4	18,642	1/4	30,136	1/4	41,566	1/4	53,161	1/4	64,756	1/4	76,337	1/4	87,901	1/4	99,500	1/4	111,100
1/2	7,262	1/2	18,884	1/2	30,370	1/2	41,807	1/2	53,402	1/2	64,997	1/2	76,577	1/2	88,142	1/2	99,742	1/2	111,341
3/4	7,503	3/4	19,126	3/4	30,605	3/4	42,049	3/4	53,644	3/4	65,239	3/4	76,818	3/4	88,384	3/4	99,983	3/4	111,583
11	7,745	11	19,368	11	30,839	11	42,291	11	53,886	11	65,481	11	77,058	11	88,626	11	100,225	11	111,825
1/4	7,988	1/4	19,610	1/4	31,074	1/4	42,532	1/4	54,127	1/4	65,722	1/4	77,298	1/4	88,867	1/4	100,467	1/4	112,066
1/2	8,230	1/2	19,853	1/2	31,308	1/2	42,774	1/2	54,369	1/2	65,964	1/2	77,538	1/2	89,109	1/2	100,708	1/2	112,308
3/4	8,472	3/4	20,095	3/4	31,542	3/4	43,015	3/4	54,610	3/4	66,205	3/4	77,778	3/4	89,351	3/4	100,950	3/4	112,550

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  
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# BARGE "CBC 1427"

## 1 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	112,791	0	122,337	0	130,467	0	138,596	0	146,726	0		0		0		0		0	
1/4	113,032	1/4	122,507	1/4	130,636	1/4	138,766	1/4	146,895	1/4		1/4		1/4		1/4		1/4	
1/2	113,273	1/2	122,676	1/2	130,806	1/2	138,935	1/2	147,064	1/2		1/2		1/2		1/2		1/2	
3/4	113,515	3/4	122,846	3/4	130,975	3/4	139,104	3/4	147,234	3/4		3/4		3/4		3/4		3/4	
1	113,756	1	123,015	1	131,144	1	139,274	1	147,403	1		1		1		1		1	
1/4	113,997	1/4	123,184	1/4	131,314	1/4	139,443	1/4	147,573	1/4		1/4		1/4		1/4		1/4	
1/2	114,238	1/2	123,354	1/2	131,483	1/2	139,613	1/2	147,742	1/2		1/2		1/2		1/2		1/2	
3/4	114,479	3/4	123,523	3/4	131,652	3/4	139,782	3/4	147,911	3/4		3/4		3/4		3/4		3/4	
2	114,720	2	123,692	2	131,822	2	139,951	2	148,081	2		2		2		2		2	
1/4	114,961	1/4	123,862	1/4	131,991	1/4	140,121	1/4	148,250	1/4		1/4		1/4		1/4		1/4	
1/2	115,202	1/2	124,031	1/2	132,161	1/2	140,290	1/2	148,419	1/2		1/2		1/2		1/2		1/2	
3/4	115,443	3/4	124,200	3/4	132,330	3/4	140,459	3/4	148,589	3/4		3/4		3/4		3/4		3/4	
3	115,684	3	124,370	3	132,499	3	140,629	3	148,758	3		3		3		3		3	
1/4	115,925	1/4	124,539	1/4	132,669	1/4	140,798	1/4	148,980	1/4		1/4		1/4		1/4		1/4	
1/2	116,167	1/2	124,709	1/2	132,838	1/2	140,967	1/2	149,202	1/2		1/2		1/2		1/2		1/2	
3/4	116,408	3/4	124,878	3/4	133,007	3/4	141,137	3/4	149,424	3/4		3/4		3/4		3/4		3/4	
4	116,649	4	125,047	4	133,177	4	141,306	4	149,646	4		4		4		4		4	
1/4	116,890	1/4	125,217	1/4	133,346	1/4	141,476	1/4	149,828	1/4		1/4		1/4		1/4		1/4	
1/2	117,131	1/2	125,386	1/2	133,515	1/2	141,645	1/2	150,009	1/2		1/2		1/2		1/2		1/2	
3/4	117,372	3/4	125,555	3/4	133,685	3/4	141,814	3/4	150,191	3/4		3/4		3/4		3/4		3/4	
5	117,613	5	125,725	5	133,854	5	141,984	5	150,372	5		5		5		5		5	
1/4	117,781	1/4	125,894	1/4	134,024	1/4	142,153	1/4	150,514	1/4		1/4		1/4		1/4		1/4	
1/2	117,950	1/2	126,063	1/2	134,193	1/2	142,322	1/2	150,655	1/2		1/2		1/2		1/2		1/2	
3/4	118,118	3/4	126,233	3/4	134,362	3/4	142,492	3/4	150,796	3/4		3/4		3/4		3/4		3/4	
6	118,286	6	126,402	6	134,532	6	142,661	6	150,938	6		6		6		6		6	
1/4	118,455	1/4	126,572	1/4	134,701	1/4	142,830	1/4	151,038	1/4		1/4		1/4		1/4		1/4	
1/2	118,624	1/2	126,741	1/2	134,870	1/2	143,000	1/2	151,139	1/2		1/2		1/2		1/2		1/2	
3/4	118,793	3/4	126,910	3/4	135,040	3/4	143,169	3/4	151,240	3/4		3/4		3/4		3/4		3/4	
7	118,962	7	127,080	7	135,209	7	143,339	7	151,341	7		7		7		7		7	
1/4	119,130	1/4	127,249	1/4	135,378	1/4	143,508	1/4	151,402	1/4		1/4		1/4		1/4		1/4	
1/2	119,299	1/2	127,418	1/2	135,548	1/2	143,677	1/2	151,462	1/2		1/2		1/2		1/2		1/2	
3/4	119,468	3/4	127,588	3/4	135,717	3/4	143,847	3/4	151,523	3/4		3/4		3/4		3/4		3/4	
8	119,637	8	127,757	8	135,887	8	144,016	8	151,583	8		8		8		8		8	
1/4	119,806	1/4	127,926	1/4	136,056	1/4	144,185	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,974	1/2	128,096	1/2	136,225	1/2	144,355	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,143	3/4	128,265	3/4	136,395	3/4	144,524	3/4		3/4		3/4		3/4		3/4		3/4	
9	120,312	9	128,435	9	136,564	9	144,693	9		9		9		9		9		9	
1/4	120,481	1/4	128,604	1/4	136,733	1/4	144,863	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,650	1/2	128,773	1/2	136,903	1/2	145,032	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,818	3/4	128,943	3/4	137,072	3/4	145,201	3/4		3/4		3/4		3/4		3/4		3/4	
10	120,987	10	129,112	10	137,241	10	145,371	10		10		10		10		10		10	
1/4	121,156	1/4	129,281	1/4	137,411	1/4	145,540	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,325	1/2	129,451	1/2	137,580	1/2	145,710	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,493	3/4	129,620	3/4	137,750	3/4	145,879	3/4		3/4		3/4		3/4		3/4		3/4	
11	121,662	11	129,789	11	137,919	11	146,048	11		11		11		11		11		11	
1/4	121,831	1/4	129,959	1/4	138,088	1/4	146,218	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,000	1/2	130,128	1/2	138,258	1/2	146,387	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,169	3/4	130,298	3/4	138,427	3/4	146,556	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/11/2021 CL  
CALCULATED: 01/11/2021 CL  
PRINTED: 01/11/2021 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2021



# BARGE "CBC 1427"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	10,061	0	23,487	0	36,752	0	50,016	0	63,443	0	76,871	0	90,298	0	103,725	0	117,152
1/4	63	1/4	10,340	1/4	23,767	1/4	37,023	1/4	50,296	1/4	63,723	1/4	77,150	1/4	90,578	1/4	104,005	1/4	117,432
1/2	86	1/2	10,620	1/2	24,047	1/2	37,295	1/2	50,575	1/2	64,003	1/2	77,430	1/2	90,857	1/2	104,285	1/2	117,712
3/4	109	3/4	10,900	3/4	24,327	3/4	37,566	3/4	50,855	3/4	64,283	3/4	77,710	3/4	91,137	3/4	104,564	3/4	117,992
1	133	1	11,179	1	24,606	1	37,838	1	51,135	1	64,562	1	77,990	1	91,417	1	104,844	1	118,271
1/4	202	1/4	11,459	1/4	24,886	1/4	38,109	1/4	51,415	1/4	64,842	1/4	78,269	1/4	91,697	1/4	105,124	1/4	118,551
1/2	272	1/2	11,739	1/2	25,166	1/2	38,381	1/2	51,694	1/2	65,122	1/2	78,549	1/2	91,976	1/2	105,404	1/2	118,831
3/4	342	3/4	12,019	3/4	25,445	3/4	38,652	3/4	51,974	3/4	65,401	3/4	78,829	3/4	92,256	3/4	105,683	3/4	119,111
2	412	2	12,298	2	25,725	2	38,924	2	52,254	2	65,681	2	79,108	2	92,536	2	105,963	2	119,390
1/4	529	1/4	12,578	1/4	26,005	1/4	39,195	1/4	52,534	1/4	65,961	1/4	79,388	1/4	92,816	1/4	106,243	1/4	119,670
1/2	645	1/2	12,858	1/2	26,285	1/2	39,467	1/2	52,813	1/2	66,241	1/2	79,668	1/2	93,095	1/2	106,523	1/2	119,950
3/4	762	3/4	13,138	3/4	26,564	3/4	39,738	3/4	53,093	3/4	66,520	3/4	79,948	3/4	93,375	3/4	106,802	3/4	120,230
3	878	3	13,417	3	26,844	3	40,010	3	53,373	3	66,800	3	80,227	3	93,655	3	107,082	3	120,509
1/4	1,042	1/4	13,697	1/4	27,124	1/4	40,281	1/4	53,653	1/4	67,080	1/4	80,507	1/4	93,934	1/4	107,362	1/4	120,789
1/2	1,205	1/2	13,977	1/2	27,404	1/2	40,553	1/2	53,932	1/2	67,360	1/2	80,787	1/2	94,214	1/2	107,641	1/2	121,069
3/4	1,368	3/4	14,256	3/4	27,683	3/4	40,824	3/4	54,212	3/4	67,639	3/4	81,067	3/4	94,494	3/4	107,921	3/4	121,349
4	1,531	4	14,536	4	27,963	4	41,096	4	54,492	4	67,919	4	81,346	4	94,774	4	108,201	4	121,628
1/4	1,741	1/4	14,816	1/4	28,243	1/4	41,368	1/4	54,772	1/4	68,199	1/4	81,626	1/4	95,053	1/4	108,481	1/4	121,908
1/2	1,951	1/2	15,096	1/2	28,522	1/2	41,640	1/2	55,051	1/2	68,479	1/2	81,906	1/2	95,333	1/2	108,760	1/2	122,188
3/4	2,161	3/4	15,375	3/4	28,802	3/4	41,912	3/4	55,331	3/4	68,758	3/4	82,186	3/4	95,613	3/4	109,040	3/4	122,467
5	2,370	5	15,655	5	29,082	5	42,183	5	55,611	5	69,038	5	82,465	5	95,893	5	109,320	5	122,747
1/4	2,626	1/4	15,935	1/4	29,362	1/4	42,463	1/4	55,890	1/4	69,318	1/4	82,745	1/4	96,172	1/4	109,600	1/4	123,027
1/2	2,882	1/2	16,215	1/2	29,641	1/2	42,743	1/2	56,170	1/2	69,597	1/2	83,025	1/2	96,452	1/2	109,879	1/2	123,307
3/4	3,137	3/4	16,494	3/4	29,921	3/4	43,023	3/4	56,450	3/4	69,877	3/4	83,305	3/4	96,732	3/4	110,159	3/4	123,586
6	3,393	6	16,774	6	30,201	6	43,302	6	56,730	6	70,157	6	83,584	6	97,012	6	110,439	6	123,866
1/4	3,667	1/4	17,054	1/4	30,481	1/4	43,582	1/4	57,009	1/4	70,437	1/4	83,864	1/4	97,291	1/4	110,719	1/4	124,146
1/2	3,941	1/2	17,333	1/2	30,760	1/2	43,862	1/2	57,289	1/2	70,716	1/2	84,144	1/2	97,571	1/2	110,998	1/2	124,426
3/4	4,215	3/4	17,613	3/4	31,040	3/4	44,142	3/4	57,569	3/4	70,996	3/4	84,423	3/4	97,851	3/4	111,278	3/4	124,705
7	4,490	7	17,893	7	31,320	7	44,421	7	57,849	7	71,276	7	84,703	7	98,130	7	111,558	7	124,985
1/4	4,766	1/4	18,173	1/4	31,592	1/4	44,701	1/4	58,128	1/4	71,556	1/4	84,983	1/4	98,410	1/4	111,838	1/4	125,265
1/2	5,043	1/2	18,452	1/2	31,863	1/2	44,981	1/2	58,408	1/2	71,835	1/2	85,263	1/2	98,690	1/2	112,117	1/2	125,545
3/4	5,319	3/4	18,732	3/4	32,135	3/4	45,261	3/4	58,688	3/4	72,115	3/4	85,542	3/4	98,970	3/4	112,397	3/4	125,824
8	5,596	8	19,012	8	32,407	8	45,540	8	58,968	8	72,395	8	85,822	8	99,249	8	112,677	8	126,104
1/4	5,874	1/4	19,292	1/4	32,679	1/4	45,820	1/4	59,247	1/4	72,675	1/4	86,102	1/4	99,529	1/4	112,956	1/4	126,384
1/2	6,152	1/2	19,571	1/2	32,950	1/2	46,100	1/2	59,527	1/2	72,954	1/2	86,382	1/2	99,809	1/2	113,236	1/2	126,663
3/4	6,430	3/4	19,851	3/4	33,222	3/4	46,379	3/4	59,807	3/4	73,234	3/4	86,661	3/4	100,089	3/4	113,516	3/4	126,943
9	6,708	9	20,131	9	33,493	9	46,659	9	60,086	9	73,514	9	86,941	9	100,368	9	113,796	9	127,223
1/4	6,987	1/4	20,410	1/4	33,765	1/4	46,939	1/4	60,366	1/4	73,794	1/4	87,221	1/4	100,648	1/4	114,075	1/4	127,503
1/2	7,266	1/2	20,690	1/2	34,036	1/2	47,219	1/2	60,646	1/2	74,073	1/2	87,501	1/2	100,928	1/2	114,355	1/2	127,782
3/4	7,545	3/4	20,970	3/4	34,308	3/4	47,498	3/4	60,926	3/4	74,353	3/4	87,780	3/4	101,208	3/4	114,635	3/4	128,062
10	7,824	10	21,250	10	34,579	10	47,778	10	61,205	10	74,633	10	88,060	10	101,487	10	114,915	10	128,342
1/4	8,103	1/4	21,529	1/4	34,851	1/4	48,058	1/4	61,485	1/4	74,912	1/4	88,340	1/4	101,767	1/4	115,194	1/4	128,622
1/2	8,383	1/2	21,809	1/2	35,122	1/2	48,338	1/2	61,765	1/2	75,192	1/2	88,619	1/2	102,047	1/2	115,474	1/2	128,901
3/4	8,662	3/4	22,089	3/4	35,394	3/4	48,617	3/4	62,045	3/4	75,472	3/4	88,899	3/4	102,327	3/4	115,754	3/4	129,181
11	8,942	11	22,369	11	35,665	11	48,897	11	62,324	11	75,752	11	89,179	11	102,606	11	116,034	11	129,461
1/4	9,221	1/4	22,648	1/4	35,937	1/4	49,177	1/4	62,604	1/4	76,031	1/4	89,459	1/4	102,886	1/4	116,313	1/4	129,741
1/2	9,501	1/2	22,928	1/2	36,209	1/2	49,457	1/2	62,884	1/2	76,311	1/2	89,738	1/2	103,166	1/2	116,593	1/2	130,020
3/4	9,781	3/4	23,208	3/4	36,480	3/4	49,736	3/4	63,164	3/4	76,591	3/4	90,018	3/4	103,445	3/4	116,873	3/4	130,300

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CBC 1427"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	130,580	0	144,007	0	157,434	0	170,862	0	184,289	0		0		0		0		0	
1/4	130,860	1/4	144,287	1/4	157,714	1/4	171,141	1/4	184,569	1/4		1/4		1/4		1/4		1/4	
1/2	131,139	1/2	144,567	1/2	157,994	1/2	171,421	1/2	184,848	1/2		1/2		1/2		1/2		1/2	
3/4	131,419	3/4	144,846	3/4	158,274	3/4	171,701	3/4	185,128	3/4		3/4		3/4		3/4		3/4	
1	131,699	1	145,126	1	158,553	1	171,981	1	185,408	1		1		1		1		1	
1/4	131,978	1/4	145,406	1/4	158,833	1/4	172,260	1/4	185,688	1/4		1/4		1/4		1/4		1/4	
1/2	132,258	1/2	145,685	1/2	159,113	1/2	172,540	1/2	185,967	1/2		1/2		1/2		1/2		1/2	
3/4	132,538	3/4	145,965	3/4	159,393	3/4	172,820	3/4	186,247	3/4		3/4		3/4		3/4		3/4	
2	132,818	2	146,245	2	159,672	2	173,100	2	186,527	2		2		2		2		2	
1/4	133,097	1/4	146,525	1/4	159,952	1/4	173,379	1/4	186,807	1/4		1/4		1/4		1/4		1/4	
1/2	133,377	1/2	146,804	1/2	160,232	1/2	173,659	1/2	187,086	1/2		1/2		1/2		1/2		1/2	
3/4	133,657	3/4	147,084	3/4	160,511	3/4	173,939	3/4	187,366	3/4		3/4		3/4		3/4		3/4	
3	133,937	3	147,364	3	160,791	3	174,218	3	187,646	3		3		3		3		3	
1/4	134,216	1/4	147,644	1/4	161,071	1/4	174,498	1/4	187,902	1/4		1/4		1/4		1/4		1/4	
1/2	134,496	1/2	147,923	1/2	161,351	1/2	174,778	1/2	188,159	1/2		1/2		1/2		1/2		1/2	
3/4	134,776	3/4	148,203	3/4	161,630	3/4	175,058	3/4	188,415	3/4		3/4		3/4		3/4		3/4	
4	135,056	4	148,483	4	161,910	4	175,337	4	188,671	4		4		4		4		4	
1/4	135,335	1/4	148,763	1/4	162,190	1/4	175,617	1/4	188,881	1/4		1/4		1/4		1/4		1/4	
1/2	135,615	1/2	149,042	1/2	162,470	1/2	175,897	1/2	189,091	1/2		1/2		1/2		1/2		1/2	
3/4	135,895	3/4	149,322	3/4	162,749	3/4	176,177	3/4	189,301	3/4		3/4		3/4		3/4		3/4	
5	136,174	5	149,602	5	163,029	5	176,456	5	189,511	5		5		5		5		5	
1/4	136,454	1/4	149,882	1/4	163,309	1/4	176,736	1/4	189,674	1/4		1/4		1/4		1/4		1/4	
1/2	136,734	1/2	150,161	1/2	163,589	1/2	177,016	1/2	189,837	1/2		1/2		1/2		1/2		1/2	
3/4	137,014	3/4	150,441	3/4	163,868	3/4	177,296	3/4	190,000	3/4		3/4		3/4		3/4		3/4	
6	137,293	6	150,721	6	164,148	6	177,575	6	190,163	6		6		6		6		6	
1/4	137,573	1/4	151,000	1/4	164,428	1/4	177,855	1/4	190,280	1/4		1/4		1/4		1/4		1/4	
1/2	137,853	1/2	151,280	1/2	164,707	1/2	178,135	1/2	190,396	1/2		1/2		1/2		1/2		1/2	
3/4	138,133	3/4	151,560	3/4	164,987	3/4	178,415	3/4	190,513	3/4		3/4		3/4		3/4		3/4	
7	138,412	7	151,840	7	165,267	7	178,694	7	190,630	7		7		7		7		7	
1/4	138,692	1/4	152,119	1/4	165,547	1/4	178,974	1/4	190,700	1/4		1/4		1/4		1/4		1/4	
1/2	138,972	1/2	152,399	1/2	165,826	1/2	179,254	1/2	190,769	1/2		1/2		1/2		1/2		1/2	
3/4	139,252	3/4	152,679	3/4	166,106	3/4	179,533	3/4	190,839	3/4		3/4		3/4		3/4		3/4	
8	139,531	8	152,959	8	166,386	8	179,813	8	190,909	8		8		8		8		8	
1/4	139,811	1/4	153,238	1/4	166,666	1/4	180,093	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	140,091	1/2	153,518	1/2	166,945	1/2	180,373	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	140,371	3/4	153,798	3/4	167,225	3/4	180,652	3/4		3/4		3/4		3/4		3/4		3/4	
9	140,650	9	154,078	9	167,505	9	180,932	9		9		9		9		9		9	
1/4	140,930	1/4	154,357	1/4	167,785	1/4	181,212	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141,210	1/2	154,637	1/2	168,064	1/2	181,492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	141,489	3/4	154,917	3/4	168,344	3/4	181,771	3/4		3/4		3/4		3/4		3/4		3/4	
10	141,769	10	155,196	10	168,624	10	182,051	10		10		10		10		10		10	
1/4	142,049	1/4	155,476	1/4	168,904	1/4	182,331	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	142,329	1/2	155,756	1/2	169,183	1/2	182,611	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	142,608	3/4	156,036	3/4	169,463	3/4	182,890	3/4		3/4		3/4		3/4		3/4		3/4	
11	142,888	11	156,315	11	169,743	11	183,170	11		11		11		11		11		11	
1/4	143,168	1/4	156,595	1/4	170,022	1/4	183,450	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143,448	1/2	156,875	1/2	170,302	1/2	183,729	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	143,727	3/4	157,155	3/4	170,582	3/4	184,009	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/11/2021 CL  
CALCULATED: 01/11/2021 CL  
PRINTED: 01/11/2021 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2021



# BARGE "CBC 1427"

## 3 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	8,989	0	20,979	0	32,955	0	44,935	0	56,925	0	68,916	0	80,907	0	92,898	0	104,889
1/4	60	1/4	9,238	1/4	21,229	1/4	33,204	1/4	45,184	1/4	57,175	1/4	69,166	1/4	81,157	1/4	93,148	1/4	105,139
1/2	81	1/2	9,488	1/2	21,479	1/2	33,453	1/2	45,434	1/2	57,425	1/2	69,416	1/2	81,407	1/2	93,398	1/2	105,389
3/4	102	3/4	9,738	3/4	21,728	3/4	33,703	3/4	45,684	3/4	57,675	3/4	69,666	3/4	81,657	3/4	93,648	3/4	105,638
1	123	1	9,988	1	21,978	1	33,952	1	45,934	1	57,925	1	69,916	1	81,906	1	93,897	1	105,888
1/4	185	1/4	10,238	1/4	22,228	1/4	34,201	1/4	46,184	1/4	58,175	1/4	70,165	1/4	82,156	1/4	94,147	1/4	106,138
1/2	248	1/2	10,487	1/2	22,478	1/2	34,450	1/2	46,433	1/2	58,424	1/2	70,415	1/2	82,406	1/2	94,397	1/2	106,388
3/4	310	3/4	10,737	3/4	22,728	3/4	34,699	3/4	46,683	3/4	58,674	3/4	70,665	3/4	82,656	3/4	94,647	3/4	106,638
2	372	2	10,987	2	22,977	2	34,948	2	46,933	2	58,924	2	70,915	2	82,906	2	94,897	2	106,888
1/4	477	1/4	11,237	1/4	23,227	1/4	35,197	1/4	47,183	1/4	59,174	1/4	71,165	1/4	83,156	1/4	95,146	1/4	107,137
1/2	581	1/2	11,487	1/2	23,477	1/2	35,446	1/2	47,433	1/2	59,424	1/2	71,414	1/2	83,405	1/2	95,396	1/2	107,387
3/4	685	3/4	11,736	3/4	23,727	3/4	35,695	3/4	47,683	3/4	59,673	3/4	71,664	3/4	83,655	3/4	95,646	3/4	107,637
3	789	3	11,986	3	23,977	3	35,944	3	47,932	3	59,923	3	71,914	3	83,905	3	95,896	3	107,887
1/4	934	1/4	12,236	1/4	24,226	1/4	36,193	1/4	48,182	1/4	60,173	1/4	72,164	1/4	84,155	1/4	96,146	1/4	108,137
1/2	1,080	1/2	12,486	1/2	24,476	1/2	36,442	1/2	48,432	1/2	60,423	1/2	72,414	1/2	84,405	1/2	96,395	1/2	108,386
3/4	1,226	3/4	12,736	3/4	24,726	3/4	36,692	3/4	48,682	3/4	60,673	3/4	72,664	3/4	84,654	3/4	96,645	3/4	108,636
4	1,372	4	12,985	4	24,976	4	36,941	4	48,932	4	60,922	4	72,913	4	84,904	4	96,895	4	108,886
1/4	1,559	1/4	13,235	1/4	25,226	1/4	37,190	1/4	49,181	1/4	61,172	1/4	73,163	1/4	85,154	1/4	97,145	1/4	109,136
1/2	1,746	1/2	13,485	1/2	25,475	1/2	37,440	1/2	49,431	1/2	61,422	1/2	73,413	1/2	85,404	1/2	97,395	1/2	109,386
3/4	1,934	3/4	13,735	3/4	25,725	3/4	37,690	3/4	49,681	3/4	61,672	3/4	73,663	3/4	85,654	3/4	97,645	3/4	109,635
5	2,121	5	13,985	5	25,975	5	37,940	5	49,931	5	61,922	5	73,913	5	85,903	5	97,894	5	109,885
1/4	2,349	1/4	14,234	1/4	26,225	1/4	38,190	1/4	50,181	1/4	62,171	1/4	74,162	1/4	86,153	1/4	98,144	1/4	110,135
1/2	2,578	1/2	14,484	1/2	26,475	1/2	38,440	1/2	50,430	1/2	62,421	1/2	74,412	1/2	86,403	1/2	98,394	1/2	110,385
3/4	2,806	3/4	14,734	3/4	26,724	3/4	38,689	3/4	50,680	3/4	62,671	3/4	74,662	3/4	86,653	3/4	98,644	3/4	110,635
6	3,034	6	14,984	6	26,974	6	38,939	6	50,930	6	62,921	6	74,912	6	86,903	6	98,894	6	110,884
1/4	3,279	1/4	15,234	1/4	27,224	1/4	39,189	1/4	51,180	1/4	63,171	1/4	75,162	1/4	87,153	1/4	99,143	1/4	111,134
1/2	3,524	1/2	15,483	1/2	27,473	1/2	39,439	1/2	51,430	1/2	63,421	1/2	75,411	1/2	87,402	1/2	99,393	1/2	111,384
3/4	3,769	3/4	15,733	3/4	27,723	3/4	39,689	3/4	51,679	3/4	63,670	3/4	75,661	3/4	87,652	3/4	99,643	3/4	111,634
7	4,014	7	15,983	7	27,972	7	39,938	7	51,929	7	63,920	7	75,911	7	87,902	7	99,893	7	111,884
1/4	4,261	1/4	16,233	1/4	28,221	1/4	40,188	1/4	52,179	1/4	64,170	1/4	76,161	1/4	88,152	1/4	100,143	1/4	112,134
1/2	4,508	1/2	16,483	1/2	28,471	1/2	40,438	1/2	52,429	1/2	64,420	1/2	76,411	1/2	88,402	1/2	100,392	1/2	112,383
3/4	4,755	3/4	16,732	3/4	28,720	3/4	40,688	3/4	52,679	3/4	64,670	3/4	76,660	3/4	88,651	3/4	100,642	3/4	112,633
8	5,002	8	16,982	8	28,970	8	40,938	8	52,929	8	64,919	8	76,910	8	88,901	8	100,892	8	112,883
1/4	5,250	1/4	17,232	1/4	29,219	1/4	41,187	1/4	53,178	1/4	65,169	1/4	77,160	1/4	89,151	1/4	101,142	1/4	113,133
1/2	5,498	1/2	17,482	1/2	29,468	1/2	41,437	1/2	53,428	1/2	65,419	1/2	77,410	1/2	89,401	1/2	101,392	1/2	113,383
3/4	5,746	3/4	17,732	3/4	29,717	3/4	41,687	3/4	53,678	3/4	65,669	3/4	77,660	3/4	89,651	3/4	101,641	3/4	113,632
9	5,995	9	17,981	9	29,966	9	41,937	9	53,928	9	65,919	9	77,910	9	89,900	9	101,891	9	113,882
1/4	6,244	1/4	18,231	1/4	30,215	1/4	42,187	1/4	54,178	1/4	66,168	1/4	78,159	1/4	90,150	1/4	102,141	1/4	114,132
1/2	6,493	1/2	18,481	1/2	30,464	1/2	42,436	1/2	54,427	1/2	66,418	1/2	78,409	1/2	90,400	1/2	102,391	1/2	114,382
3/4	6,742	3/4	18,731	3/4	30,713	3/4	42,686	3/4	54,677	3/4	66,668	3/4	78,659	3/4	90,650	3/4	102,641	3/4	114,632
10	6,991	10	18,981	10	30,963	10	42,936	10	54,927	10	66,918	10	78,909	10	90,900	10	102,891	10	114,881
1/4	7,241	1/4	19,230	1/4	31,212	1/4	43,186	1/4	55,177	1/4	67,168	1/4	79,159	1/4	91,149	1/4	103,140	1/4	115,131
1/2	7,490	1/2	19,480	1/2	31,461	1/2	43,436	1/2	55,427	1/2	67,418	1/2	79,408	1/2	91,399	1/2	103,390	1/2	115,381
3/4	7,740	3/4	19,730	3/4	31,710	3/4	43,686	3/4	55,676	3/4	67,667	3/4	79,658	3/4	91,649	3/4	103,640	3/4	115,631
11	7,989	11	19,980	11	31,959	11	43,935	11	55,926	11	67,917	11	79,908	11	91,899	11	103,890	11	115,881
1/4	8,239	1/4	20,230	1/4	32,208	1/4	44,185	1/4	56,176	1/4	68,167	1/4	80,158	1/4	92,149	1/4	104,140	1/4	116,130
1/2	8,489	1/2	20,479	1/2	32,457	1/2	44,435	1/2	56,426	1/2	68,417	1/2	80,408	1/2	92,399	1/2	104,389	1/2	116,380
3/4	8,739	3/4	20,729	3/4	32,706	3/4	44,685	3/4	56,676	3/4	68,667	3/4	80,657	3/4	92,648	3/4	104,639	3/4	116,630

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'-00" FORWARD OF AFT BULKHEAD.

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

Pearland, Texas 77588  
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# BARGE "CBC 1427"

## 3 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	116,880	0	128,871	0	140,862	0	152,853	0	164,843	0		0		0		0		0	
1/4	117,130	1/4	129,121	1/4	141,111	1/4	153,102	1/4	165,093	1/4		1/4		1/4		1/4		1/4	
1/2	117,380	1/2	129,370	1/2	141,361	1/2	153,352	1/2	165,343	1/2		1/2		1/2		1/2		1/2	
3/4	117,629	3/4	129,620	3/4	141,611	3/4	153,602	3/4	165,593	3/4		3/4		3/4		3/4		3/4	
1	117,879	1	129,870	1	141,861	1	153,852	1	165,843	1		1		1		1		1	
1/4	118,129	1/4	130,120	1/4	142,111	1/4	154,102	1/4	166,092	1/4		1/4		1/4		1/4		1/4	
1/2	118,379	1/2	130,370	1/2	142,361	1/2	154,351	1/2	166,342	1/2		1/2		1/2		1/2		1/2	
3/4	118,629	3/4	130,619	3/4	142,610	3/4	154,601	3/4	166,592	3/4		3/4		3/4		3/4		3/4	
2	118,878	2	130,869	2	142,860	2	154,851	2	166,842	2		2		2		2		2	
1/4	119,128	1/4	131,119	1/4	143,110	1/4	155,101	1/4	167,092	1/4		1/4		1/4		1/4		1/4	
1/2	119,378	1/2	131,369	1/2	143,360	1/2	155,351	1/2	167,342	1/2		1/2		1/2		1/2		1/2	
3/4	119,628	3/4	131,619	3/4	143,610	3/4	155,600	3/4	167,591	3/4		3/4		3/4		3/4		3/4	
3	119,878	3	131,869	3	143,859	3	155,850	3	167,841	3		3		3		3		3	
1/4	120,127	1/4	132,118	1/4	144,109	1/4	156,100	1/4	168,070	1/4		1/4		1/4		1/4		1/4	
1/2	120,377	1/2	132,368	1/2	144,359	1/2	156,350	1/2	168,299	1/2		1/2		1/2		1/2		1/2	
3/4	120,627	3/4	132,618	3/4	144,609	3/4	156,600	3/4	168,528	3/4		3/4		3/4		3/4		3/4	
4	120,877	4	132,868	4	144,859	4	156,850	4	168,757	4		4		4		4		4	
1/4	121,127	1/4	133,118	1/4	145,108	1/4	157,099	1/4	168,944	1/4		1/4		1/4		1/4		1/4	
1/2	121,376	1/2	133,367	1/2	145,358	1/2	157,349	1/2	169,132	1/2		1/2		1/2		1/2		1/2	
3/4	121,626	3/4	133,617	3/4	145,608	3/4	157,599	3/4	169,319	3/4		3/4		3/4		3/4		3/4	
5	121,876	5	133,867	5	145,858	5	157,849	5	169,507	5		5		5		5		5	
1/4	122,126	1/4	134,117	1/4	146,108	1/4	158,099	1/4	169,652	1/4		1/4		1/4		1/4		1/4	
1/2	122,376	1/2	134,367	1/2	146,357	1/2	158,348	1/2	169,798	1/2		1/2		1/2		1/2		1/2	
3/4	122,626	3/4	134,616	3/4	146,607	3/4	158,598	3/4	169,944	3/4		3/4		3/4		3/4		3/4	
6	122,875	6	134,866	6	146,857	6	158,848	6	170,089	6		6		6		6		6	
1/4	123,125	1/4	135,116	1/4	147,107	1/4	159,098	1/4	170,194	1/4		1/4		1/4		1/4		1/4	
1/2	123,375	1/2	135,366	1/2	147,357	1/2	159,348	1/2	170,298	1/2		1/2		1/2		1/2		1/2	
3/4	123,625	3/4	135,616	3/4	147,607	3/4	159,597	3/4	170,402	3/4		3/4		3/4		3/4		3/4	
7	123,875	7	135,865	7	147,856	7	159,847	7	170,506	7		7		7		7		7	
1/4	124,124	1/4	136,115	1/4	148,106	1/4	160,097	1/4	170,568	1/4		1/4		1/4		1/4		1/4	
1/2	124,374	1/2	136,365	1/2	148,356	1/2	160,347	1/2	170,631	1/2		1/2		1/2		1/2		1/2	
3/4	124,624	3/4	136,615	3/4	148,606	3/4	160,597	3/4	170,693	3/4		3/4		3/4		3/4		3/4	
8	124,874	8	136,865	8	148,856	8	160,846	8	170,756	8		8		8		8		8	
1/4	125,124	1/4	137,115	1/4	149,105	1/4	161,096	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,373	1/2	137,364	1/2	149,355	1/2	161,346	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,623	3/4	137,614	3/4	149,605	3/4	161,596	3/4		3/4		3/4		3/4		3/4		3/4	
9	125,873	9	137,864	9	149,855	9	161,846	9		9		9		9		9		9	
1/4	126,123	1/4	138,114	1/4	150,105	1/4	162,096	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,373	1/2	138,364	1/2	150,354	1/2	162,345	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,622	3/4	138,613	3/4	150,604	3/4	162,595	3/4		3/4		3/4		3/4		3/4		3/4	
10	126,872	10	138,863	10	150,854	10	162,845	10		10		10		10		10		10	
1/4	127,122	1/4	139,113	1/4	151,104	1/4	163,095	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,372	1/2	139,363	1/2	151,354	1/2	163,345	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,622	3/4	139,613	3/4	151,604	3/4	163,594	3/4		3/4		3/4		3/4		3/4		3/4	
11	127,872	11	139,862	11	151,853	11	163,844	11		11		11		11		11		11	
1/4	128,121	1/4	140,112	1/4	152,103	1/4	164,094	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,371	1/2	140,362	1/2	152,353	1/2	164,344	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,621	3/4	140,612	3/4	152,603	3/4	164,594	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/11/2021 CL  
CALCULATED: 01/11/2021 CL  
PRINTED: 01/11/2021 CL

PRECISION MEASUREMENT  
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P.O. Box 2092  
Pearland, Texas 77588  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2021



# BARGE "CBC 1427"

## 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	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
3 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 180'-09"

January 11, 2021

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

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# BARGE "CBC 1427"

## 1 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	0	151,583	0	144,016	0	135,887	0	127,757	0	119,637	0	108,925	0	97,325	0	85,726	
1/4	1/4	1/4	1/4	151,523	1/4	143,847	1/4	135,717	1/4	127,588	1/4	119,468	1/4	108,683	1/4	97,084	1/4	85,484	
1/2	1/2	1/2	1/2	151,462	1/2	143,677	1/2	135,548	1/2	127,418	1/2	119,299	1/2	108,441	1/2	96,842	1/2	85,242	
3/4	3/4	3/4	3/4	151,402	3/4	143,508	3/4	135,378	3/4	127,249	3/4	119,130	3/4	108,200	3/4	96,600	3/4	85,001	
1	1	1	1	151,341	1	143,339	1	135,209	1	127,080	1	118,962	1	107,958	1	96,359	1	84,759	
1/4	1/4	1/4	1/4	151,240	1/4	143,169	1/4	135,040	1/4	126,910	1/4	118,793	1/4	107,716	1/4	96,117	1/4	84,517	
1/2	1/2	1/2	1/2	151,139	1/2	143,000	1/2	134,870	1/2	126,741	1/2	118,624	1/2	107,475	1/2	95,875	1/2	84,276	
3/4	3/4	3/4	3/4	151,038	3/4	142,830	3/4	134,701	3/4	126,572	3/4	118,455	3/4	107,233	3/4	95,634	3/4	84,034	
2	2	2	2	150,938	2	142,661	2	134,532	2	126,402	2	118,286	2	106,991	2	95,392	2	83,792	
1/4	1/4	1/4	1/4	150,796	1/4	142,492	1/4	134,362	1/4	126,233	1/4	118,118	1/4	106,750	1/4	95,150	1/4	83,551	
1/2	1/2	1/2	1/2	150,655	1/2	142,322	1/2	134,193	1/2	126,063	1/2	117,950	1/2	106,508	1/2	94,909	1/2	83,309	
3/4	3/4	3/4	3/4	150,514	3/4	142,153	3/4	134,024	3/4	125,894	3/4	117,781	3/4	106,267	3/4	94,667	3/4	83,067	
3	3	3	3	150,372	3	141,984	3	133,854	3	125,725	3	117,613	3	106,025	3	94,425	3	82,826	
1/4	1/4	1/4	1/4	150,191	1/4	141,814	1/4	133,685	1/4	125,555	1/4	117,372	1/4	105,783	1/4	94,184	1/4	82,585	
1/2	1/2	1/2	1/2	150,009	1/2	141,645	1/2	133,515	1/2	125,386	1/2	117,131	1/2	105,542	1/2	93,942	1/2	82,344	
3/4	3/4	3/4	3/4	149,828	3/4	141,476	3/4	133,346	3/4	125,217	3/4	116,890	3/4	105,300	3/4	93,700	3/4	82,103	
4	4	4	4	149,646	4	141,306	4	133,177	4	125,047	4	116,649	4	105,058	4	93,459	4	81,862	
1/4	1/4	1/4	1/4	149,424	1/4	141,137	1/4	133,007	1/4	124,878	1/4	116,408	1/4	104,817	1/4	93,217	1/4	81,622	
1/2	1/2	1/2	1/2	149,202	1/2	140,967	1/2	132,838	1/2	124,709	1/2	116,167	1/2	104,575	1/2	92,975	1/2	81,382	
3/4	3/4	3/4	3/4	148,980	3/4	140,798	3/4	132,669	3/4	124,539	3/4	115,925	3/4	104,333	3/4	92,734	3/4	81,141	
5	5	5	5	148,758	5	140,629	5	132,499	5	124,370	5	115,684	5	104,092	5	92,492	5	80,901	
1/4	1/4	1/4	1/4	148,589	1/4	140,459	1/4	132,330	1/4	124,200	1/4	115,443	1/4	103,850	1/4	92,250	1/4	80,661	
1/2	1/2	1/2	1/2	148,419	1/2	140,290	1/2	132,161	1/2	124,031	1/2	115,202	1/2	103,608	1/2	92,009	1/2	80,421	
3/4	3/4	3/4	3/4	148,250	3/4	140,121	3/4	131,991	3/4	123,862	3/4	114,961	3/4	103,367	3/4	91,767	3/4	80,181	
6	6	6	6	148,081	6	139,951	6	131,822	6	123,692	6	114,720	6	103,125	6	91,525	6	79,940	
1/4	1/4	1/4	1/4	147,911	1/4	139,782	1/4	131,652	1/4	123,523	1/4	114,479	1/4	102,883	1/4	91,284	1/4	79,700	
1/2	1/2	1/2	1/2	147,742	1/2	139,613	1/2	131,483	1/2	123,354	1/2	114,238	1/2	102,642	1/2	91,042	1/2	79,460	
3/4	3/4	3/4	3/4	147,573	3/4	139,443	3/4	131,314	3/4	123,184	3/4	113,997	3/4	102,400	3/4	90,801	3/4	79,220	
7	7	7	7	147,403	7	139,274	7	131,144	7	123,015	7	113,756	7	102,158	7	90,559	7	78,979	
1/4	1/4	1/4	1/4	147,234	1/4	139,104	1/4	130,975	1/4	122,846	1/4	113,515	1/4	101,917	1/4	90,317	1/4	78,739	
1/2	1/2	1/2	1/2	147,064	1/2	138,935	1/2	130,806	1/2	122,676	1/2	113,273	1/2	101,675	1/2	90,076	1/2	78,499	
3/4	3/4	3/4	3/4	146,895	3/4	138,766	3/4	130,636	3/4	122,507	3/4	113,032	3/4	101,433	3/4	89,834	3/4	78,259	
8	8	8	8	146,726	8	138,596	8	130,467	8	122,337	8	112,791	8	101,192	8	89,592	8	78,019	
1/4	1/4	1/4	1/4	146,556	1/4	138,427	1/4	130,298	1/4	122,169	1/4	112,550	1/4	100,950	1/4	89,351	1/4	77,778	
1/2	1/2	1/2	1/2	146,387	1/2	138,258	1/2	130,128	1/2	122,000	1/2	112,308	1/2	100,708	1/2	89,109	1/2	77,538	
3/4	3/4	3/4	3/4	146,218	3/4	138,088	3/4	129,959	3/4	121,831	3/4	112,066	3/4	100,467	3/4	88,867	3/4	77,298	
9	9	9	9	146,048	9	137,919	9	129,789	9	121,662	9	111,825	9	100,225	9	88,626	9	77,058	
1/4	1/4	1/4	1/4	145,879	1/4	137,750	1/4	129,620	1/4	121,493	1/4	111,583	1/4	99,983	1/4	88,384	1/4	76,818	
1/2	1/2	1/2	1/2	145,710	1/2	137,580	1/2	129,451	1/2	121,325	1/2	111,341	1/2	99,742	1/2	88,142	1/2	76,577	
3/4	3/4	3/4	3/4	145,540	3/4	137,411	3/4	129,281	3/4	121,156	3/4	111,100	3/4	99,500	3/4	87,901	3/4	76,337	
10	10	10	10	145,371	10	137,241	10	129,112	10	120,987	10	110,858	10	99,258	10	87,659	10	76,097	
1/4	1/4	1/4	1/4	145,201	1/4	137,072	1/4	128,943	1/4	120,818	1/4	110,616	1/4	99,017	1/4	87,417	1/4	75,857	
1/2	1/2	1/2	1/2	145,032	1/2	136,903	1/2	128,773	1/2	120,650	1/2	110,375	1/2	98,775	1/2	87,176	1/2	75,616	
3/4	3/4	3/4	3/4	144,863	3/4	136,733	3/4	128,604	3/4	120,481	3/4	110,133	3/4	98,534	3/4	86,934	3/4	75,376	
11	11	11	11	144,693	11	136,564	11	128,435	11	120,312	11	109,891	11	98,292	11	86,692	11	75,136	
1/4	1/4	1/4	1/4	144,524	1/4	136,395	1/4	128,265	1/4	120,143	1/4	109,650	1/4	98,050	1/4	86,451	1/4	74,895	
1/2	1/2	1/2	1/2	144,355	1/2	136,225	1/2	128,096	1/2	119,974	1/2	109,408	1/2	97,809	1/2	86,209	1/2	74,654	
3/4	3/4	3/4	3/4	144,185	3/4	136,056	3/4	127,926	3/4	119,806	3/4	109,166	3/4	97,567	3/4	85,967	3/4	74,413	

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 1427"

## 1 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	74,172	0	62,582	0	50,987	0	39,392	0	28,027	0	16,463	0	4,849	0		0		0	
1/4	73,931	1/4	62,340	1/4	50,745	1/4	39,150	1/4	27,792	1/4	16,220	1/4	4,610	1/4		1/4		1/4	
1/2	73,690	1/2	62,099	1/2	50,504	1/2	38,909	1/2	27,557	1/2	15,978	1/2	4,370	1/2		1/2		1/2	
3/4	73,449	3/4	61,857	3/4	50,262	3/4	38,667	3/4	27,322	3/4	15,736	3/4	4,131	3/4		3/4		3/4	
1	73,208	1	61,616	1	50,021	1	38,426	1	27,087	1	15,494	1	3,891	1		1		1	
1/4	72,967	1/4	61,374	1/4	49,779	1/4	38,184	1/4	26,853	1/4	15,252	1/4	3,654	1/4		1/4		1/4	
1/2	72,726	1/2	61,132	1/2	49,537	1/2	37,942	1/2	26,618	1/2	15,010	1/2	3,417	1/2		1/2		1/2	
3/4	72,485	3/4	60,891	3/4	49,296	3/4	37,701	3/4	26,383	3/4	14,768	3/4	3,179	3/4		3/4		3/4	
2	72,244	2	60,649	2	49,054	2	37,459	2	26,148	2	14,525	2	2,942	2		2		2	
1/4	72,003	1/4	60,408	1/4	48,813	1/4	37,218	1/4	25,906	1/4	14,283	1/4	2,721	1/4		1/4		1/4	
1/2	71,761	1/2	60,166	1/2	48,571	1/2	36,976	1/2	25,664	1/2	14,041	1/2	2,500	1/2		1/2		1/2	
3/4	71,520	3/4	59,925	3/4	48,330	3/4	36,735	3/4	25,422	3/4	13,799	3/4	2,278	3/4		3/4		3/4	
3	71,278	3	59,683	3	48,088	3	36,493	3	25,180	3	13,557	3	2,057	3		3		3	
1/4	71,037	1/4	59,442	1/4	47,847	1/4	36,252	1/4	24,938	1/4	13,315	1/4	1,875	1/4		1/4		1/4	
1/2	70,795	1/2	59,200	1/2	47,605	1/2	36,010	1/2	24,696	1/2	13,073	1/2	1,694	1/2		1/2		1/2	
3/4	70,553	3/4	58,958	3/4	47,363	3/4	35,768	3/4	24,453	3/4	12,830	3/4	1,512	3/4		3/4		3/4	
4	70,312	4	58,717	4	47,122	4	35,527	4	24,211	4	12,588	4	1,331	4		4		4	
1/4	70,070	1/4	58,475	1/4	46,880	1/4	35,292	1/4	23,969	1/4	12,346	1/4	1,189	1/4		1/4		1/4	
1/2	69,829	1/2	58,234	1/2	46,639	1/2	35,058	1/2	23,727	1/2	12,104	1/2	1,048	1/2		1/2		1/2	
3/4	69,587	3/4	57,992	3/4	46,397	3/4	34,824	3/4	23,485	3/4	11,862	3/4	907	3/4		3/4		3/4	
5	69,346	5	57,751	5	46,156	5	34,589	5	23,243	5	11,620	5	766	5		5		5	
1/4	69,104	1/4	57,509	1/4	45,914	1/4	34,355	1/4	23,000	1/4	11,378	1/4	665	1/4		1/4		1/4	
1/2	68,862	1/2	57,267	1/2	45,672	1/2	34,121	1/2	22,758	1/2	11,135	1/2	564	1/2		1/2		1/2	
3/4	68,621	3/4	57,026	3/4	45,431	3/4	33,886	3/4	22,516	3/4	10,893	3/4	463	3/4		3/4		3/4	
6	68,379	6	56,784	6	45,189	6	33,652	6	22,274	6	10,651	6	362	6		6		6	
1/4	68,138	1/4	56,543	1/4	44,948	1/4	33,417	1/4	22,032	1/4	10,409	1/4	302	1/4		1/4		1/4	
1/2	67,896	1/2	56,301	1/2	44,706	1/2	33,183	1/2	21,790	1/2	10,167	1/2	241	1/2		1/2		1/2	
3/4	67,655	3/4	56,060	3/4	44,465	3/4	32,949	3/4	21,548	3/4	9,925	3/4	181	3/4		3/4		3/4	
7	67,413	7	55,818	7	44,223	7	32,714	7	21,305	7	9,682	7	120	7		7		7	
1/4	67,172	1/4	55,577	1/4	43,982	1/4	32,480	1/4	21,063	1/4	9,440	1/4	100	1/4		1/4		1/4	
1/2	66,930	1/2	55,335	1/2	43,740	1/2	32,245	1/2	20,821	1/2	9,198	1/2	80	1/2		1/2		1/2	
3/4	66,688	3/4	55,093	3/4	43,498	3/4	32,011	3/4	20,579	3/4	8,956	3/4	60	3/4		3/4		3/4	
8	66,447	8	54,852	8	43,257	8	31,777	8	20,337	8	8,714	8	39	8		8		8	
1/4	66,205	1/4	54,610	1/4	43,015	1/4	31,542	1/4	20,095	1/4	8,472	1/4		1/4		1/4		1/4	
1/2	65,964	1/2	54,369	1/2	42,774	1/2	31,308	1/2	19,853	1/2	8,230	1/2		1/2		1/2		1/2	
3/4	65,722	3/4	54,127	3/4	42,532	3/4	31,074	3/4	19,610	3/4	7,988	3/4		3/4		3/4		3/4	
9	65,481	9	53,886	9	42,291	9	30,839	9	19,368	9	7,745	9		9		9		9	
1/4	65,239	1/4	53,644	1/4	42,049	1/4	30,605	1/4	19,126	1/4	7,503	1/4		1/4		1/4		1/4	
1/2	64,997	1/2	53,402	1/2	41,807	1/2	30,370	1/2	18,884	1/2	7,262	1/2		1/2		1/2		1/2	
3/4	64,756	3/4	53,161	3/4	41,566	3/4	30,136	3/4	18,642	3/4	7,020	3/4		3/4		3/4		3/4	
10	64,514	10	52,919	10	41,324	10	29,902	10	18,400	10	6,778	10		10		10		10	
1/4	64,273	1/4	52,678	1/4	41,083	1/4	29,667	1/4	18,158	1/4	6,536	1/4		1/4		1/4		1/4	
1/2	64,031	1/2	52,436	1/2	40,841	1/2	29,433	1/2	17,915	1/2	6,295	1/2		1/2		1/2		1/2	
3/4	63,790	3/4	52,195	3/4	40,600	3/4	29,198	3/4	17,673	3/4	6,053	3/4		3/4		3/4		3/4	
11	63,548	11	51,953	11	40,358	11	28,964	11	17,431	11	5,812	11		11		11		11	
1/4	63,307	1/4	51,712	1/4	40,117	1/4	28,730	1/4	17,189	1/4	5,571	1/4		1/4		1/4		1/4	
1/2	63,065	1/2	51,470	1/2	39,875	1/2	28,495	1/2	16,947	1/2	5,331	1/2		1/2		1/2		1/2	
3/4	62,823	3/4	51,228	3/4	39,633	3/4	28,261	3/4	16,705	3/4	5,090	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/11/2021 CL  
CALCULATED: 01/11/2021 CL  
PRINTED: 01/11/2021 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2021



# BARGE "CBC 1427"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

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	190,700	0	178,974	0	165,547	0	152,119	0	138,692	0	125,265	0	111,838	0	98,410	
1/4	1/4	1/4	1/4	190,630	1/4	178,694	1/4	165,267	1/4	151,840	1/4	138,412	1/4	124,985	1/4	111,558	1/4	98,130	
1/2	1/2	1/2	1/2	190,513	1/2	178,415	1/2	164,987	1/2	151,560	1/2	138,133	1/2	124,705	1/2	111,278	1/2	97,851	
3/4	3/4	3/4	3/4	190,396	3/4	178,135	3/4	164,707	3/4	151,280	3/4	137,853	3/4	124,426	3/4	110,998	3/4	97,571	
1	1	1	1	190,280	1	177,855	1	164,428	1	151,000	1	137,573	1	124,146	1	110,719	1	97,291	
1/4	1/4	1/4	1/4	190,163	1/4	177,575	1/4	164,148	1/4	150,721	1/4	137,293	1/4	123,866	1/4	110,439	1/4	97,012	
1/2	1/2	1/2	1/2	190,000	1/2	177,296	1/2	163,868	1/2	150,441	1/2	137,014	1/2	123,586	1/2	110,159	1/2	96,732	
3/4	3/4	3/4	3/4	189,837	3/4	177,016	3/4	163,589	3/4	150,161	3/4	136,734	3/4	123,307	3/4	109,879	3/4	96,452	
2	2	2	2	189,674	2	176,736	2	163,309	2	149,882	2	136,454	2	123,027	2	109,600	2	96,172	
1/4	1/4	1/4	1/4	189,511	1/4	176,456	1/4	163,029	1/4	149,602	1/4	136,174	1/4	122,747	1/4	109,320	1/4	95,893	
1/2	1/2	1/2	1/2	189,301	1/2	176,177	1/2	162,749	1/2	149,322	1/2	135,895	1/2	122,467	1/2	109,040	1/2	95,613	
3/4	3/4	3/4	3/4	189,091	3/4	175,897	3/4	162,470	3/4	149,042	3/4	135,615	3/4	122,188	3/4	108,760	3/4	95,333	
3	3	3	3	188,881	3	175,617	3	162,190	3	148,763	3	135,335	3	121,908	3	108,481	3	95,053	
1/4	1/4	1/4	1/4	188,671	1/4	175,337	1/4	161,910	1/4	148,483	1/4	135,056	1/4	121,628	1/4	108,201	1/4	94,774	
1/2	1/2	1/2	1/2	188,415	1/2	175,058	1/2	161,630	1/2	148,203	1/2	134,776	1/2	121,349	1/2	107,921	1/2	94,494	
3/4	3/4	3/4	3/4	188,159	3/4	174,778	3/4	161,351	3/4	147,923	3/4	134,496	3/4	121,069	3/4	107,641	3/4	94,214	
4	4	4	4	187,902	4	174,498	4	161,071	4	147,644	4	134,216	4	120,789	4	107,362	4	93,934	
1/4	1/4	1/4	1/4	187,646	1/4	174,218	1/4	160,791	1/4	147,364	1/4	133,937	1/4	120,509	1/4	107,082	1/4	93,655	
1/2	1/2	1/2	1/2	187,366	1/2	173,939	1/2	160,511	1/2	147,084	1/2	133,657	1/2	120,230	1/2	106,802	1/2	93,375	
3/4	3/4	3/4	3/4	187,086	3/4	173,659	3/4	160,232	3/4	146,804	3/4	133,377	3/4	119,950	3/4	106,523	3/4	93,095	
5	5	5	5	186,807	5	173,379	5	159,952	5	146,525	5	133,097	5	119,670	5	106,243	5	92,816	
1/4	1/4	1/4	1/4	186,527	1/4	173,100	1/4	159,672	1/4	146,245	1/4	132,818	1/4	119,390	1/4	105,963	1/4	92,536	
1/2	1/2	1/2	1/2	186,247	1/2	172,820	1/2	159,393	1/2	145,965	1/2	132,538	1/2	119,111	1/2	105,683	1/2	92,256	
3/4	3/4	3/4	3/4	185,967	3/4	172,540	3/4	159,113	3/4	145,685	3/4	132,258	3/4	118,831	3/4	105,404	3/4	91,976	
6	6	6	6	185,688	6	172,260	6	158,833	6	145,406	6	131,978	6	118,551	6	105,124	6	91,697	
1/4	1/4	1/4	1/4	185,408	1/4	171,981	1/4	158,553	1/4	145,126	1/4	131,699	1/4	118,271	1/4	104,844	1/4	91,417	
1/2	1/2	1/2	1/2	185,128	1/2	171,701	1/2	158,274	1/2	144,846	1/2	131,419	1/2	117,992	1/2	104,564	1/2	91,137	
3/4	3/4	3/4	3/4	184,848	3/4	171,421	3/4	157,994	3/4	144,567	3/4	131,139	3/4	117,712	3/4	104,285	3/4	90,857	
7	7	7	7	184,569	7	171,141	7	157,714	7	144,287	7	130,860	7	117,432	7	104,005	7	90,578	
1/4	1/4	1/4	1/4	184,289	1/4	170,862	1/4	157,434	1/4	144,007	1/4	130,580	1/4	117,152	1/4	103,725	1/4	90,298	
1/2	1/2	1/2	1/2	184,009	1/2	170,582	1/2	157,155	1/2	143,727	1/2	130,300	1/2	116,873	1/2	103,445	1/2	90,018	
3/4	3/4	3/4	3/4	183,729	3/4	170,302	3/4	156,875	3/4	143,448	3/4	130,020	3/4	116,593	3/4	103,166	3/4	89,738	
8	8	8	8	183,450	8	170,022	8	156,595	8	143,168	8	129,741	8	116,313	8	102,886	8	89,459	
1/4	1/4	1/4	1/4	183,170	1/4	169,743	1/4	156,315	1/4	142,888	1/4	129,461	1/4	116,034	1/4	102,606	1/4	89,179	
1/2	1/2	1/2	1/2	182,890	1/2	169,463	1/2	156,036	1/2	142,608	1/2	129,181	1/2	115,754	1/2	102,327	1/2	88,899	
3/4	3/4	3/4	3/4	182,611	3/4	169,183	3/4	155,756	3/4	142,329	3/4	128,901	3/4	115,474	3/4	102,047	3/4	88,619	
9	9	9	9	182,331	9	168,904	9	155,476	9	142,049	9	128,622	9	115,194	9	101,767	9	88,340	
1/4	1/4	1/4	1/4	182,051	1/4	168,624	1/4	155,196	1/4	141,769	1/4	128,342	1/4	114,915	1/4	101,487	1/4	88,060	
1/2	1/2	1/2	1/2	181,771	1/2	168,344	1/2	154,917	1/2	141,489	1/2	128,062	1/2	114,635	1/2	101,208	1/2	87,780	
3/4	3/4	3/4	3/4	181,492	3/4	168,064	3/4	154,637	3/4	141,210	3/4	127,782	3/4	114,355	3/4	100,928	3/4	87,501	
10	10	10	10	181,212	10	167,785	10	154,357	10	140,930	10	127,503	10	114,075	10	100,648	10	87,221	
1/4	1/4	1/4	1/4	180,932	1/4	167,505	1/4	154,078	1/4	140,650	1/4	127,223	1/4	113,796	1/4	100,368	1/4	86,941	
1/2	1/2	1/2	1/2	180,652	1/2	167,225	1/2	153,798	1/2	140,371	1/2	126,943	1/2	113,516	1/2	100,089	1/2	86,661	
3/4	3/4	3/4	3/4	180,373	3/4	166,945	3/4	153,518	3/4	140,091	3/4	126,663	3/4	113,236	3/4	99,809	3/4	86,382	
11	11	11	11	180,093	11	166,666	11	153,238	11	139,811	11	126,384	11	112,956	11	99,529	11	86,102	
1/4	1/4	1/4	1/4	190,909	1/4	179,813	1/4	166,386	1/4	152,959	1/4	139,531	1/4	126,104	1/4	99,249	1/4	85,822	
1/2	1/2	1/2	1/2	190,839	1/2	179,533	1/2	166,106	1/2	152,679	1/2	139,252	1/2	125,824	1/2	98,970	1/2	85,542	
3/4	3/4	3/4	3/4	190,769	3/4	179,254	3/4	165,826	3/4	152,399	3/4	138,972	3/4	125,545	3/4	98,690	3/4	85,263	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD.

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 1427"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	84,983	0	71,556	0	58,128	0	44,701	0	31,592	0	18,173	0	4,766	0		0		0	
1/4	84,703	1/4	71,276	1/4	57,849	1/4	44,421	1/4	31,320	1/4	17,893	1/4	4,490	1/4		1/4		1/4	
1/2	84,423	1/2	70,996	1/2	57,569	1/2	44,142	1/2	31,040	1/2	17,613	1/2	4,215	1/2		1/2		1/2	
3/4	84,144	3/4	70,716	3/4	57,289	3/4	43,862	3/4	30,760	3/4	17,333	3/4	3,941	3/4		3/4		3/4	
1	83,864	1	70,437	1	57,009	1	43,582	1	30,481	1	17,054	1	3,667	1		1		1	
1/4	83,584	1/4	70,157	1/4	56,730	1/4	43,302	1/4	30,201	1/4	16,774	1/4	3,393	1/4		1/4		1/4	
1/2	83,305	1/2	69,877	1/2	56,450	1/2	43,023	1/2	29,921	1/2	16,494	1/2	3,137	1/2		1/2		1/2	
3/4	83,025	3/4	69,597	3/4	56,170	3/4	42,743	3/4	29,641	3/4	16,215	3/4	2,882	3/4		3/4		3/4	
2	82,745	2	69,318	2	55,890	2	42,463	2	29,362	2	15,935	2	2,626	2		2		2	
1/4	82,465	1/4	69,038	1/4	55,611	1/4	42,183	1/4	29,082	1/4	15,655	1/4	2,370	1/4		1/4		1/4	
1/2	82,186	1/2	68,758	1/2	55,331	1/2	41,912	1/2	28,802	1/2	15,375	1/2	2,161	1/2		1/2		1/2	
3/4	81,906	3/4	68,479	3/4	55,051	3/4	41,640	3/4	28,522	3/4	15,096	3/4	1,951	3/4		3/4		3/4	
3	81,626	3	68,199	3	54,772	3	41,368	3	28,243	3	14,816	3	1,741	3		3		3	
1/4	81,346	1/4	67,919	1/4	54,492	1/4	41,096	1/4	27,963	1/4	14,536	1/4	1,531	1/4		1/4		1/4	
1/2	81,067	1/2	67,639	1/2	54,212	1/2	40,824	1/2	27,683	1/2	14,256	1/2	1,368	1/2		1/2		1/2	
3/4	80,787	3/4	67,360	3/4	53,932	3/4	40,553	3/4	27,404	3/4	13,977	3/4	1,205	3/4		3/4		3/4	
4	80,507	4	67,080	4	53,653	4	40,281	4	27,124	4	13,697	4	1,042	4		4		4	
1/4	80,227	1/4	66,800	1/4	53,373	1/4	40,010	1/4	26,844	1/4	13,417	1/4	878	1/4		1/4		1/4	
1/2	79,948	1/2	66,520	1/2	53,093	1/2	39,738	1/2	26,564	1/2	13,138	1/2	762	1/2		1/2		1/2	
3/4	79,668	3/4	66,241	3/4	52,813	3/4	39,467	3/4	26,285	3/4	12,858	3/4	645	3/4		3/4		3/4	
5	79,388	5	65,961	5	52,534	5	39,195	5	26,005	5	12,578	5	529	5		5		5	
1/4	79,108	1/4	65,681	1/4	52,254	1/4	38,924	1/4	25,725	1/4	12,298	1/4	412	1/4		1/4		1/4	
1/2	78,829	1/2	65,401	1/2	51,974	1/2	38,652	1/2	25,445	1/2	12,019	1/2	342	1/2		1/2		1/2	
3/4	78,549	3/4	65,122	3/4	51,694	3/4	38,381	3/4	25,166	3/4	11,739	3/4	272	3/4		3/4		3/4	
6	78,269	6	64,842	6	51,415	6	38,109	6	24,886	6	11,459	6	202	6		6		6	
1/4	77,990	1/4	64,562	1/4	51,135	1/4	37,838	1/4	24,606	1/4	11,179	1/4	133	1/4		1/4		1/4	
1/2	77,710	1/2	64,283	1/2	50,855	1/2	37,566	1/2	24,327	1/2	10,900	1/2	109	1/2		1/2		1/2	
3/4	77,430	3/4	64,003	3/4	50,575	3/4	37,295	3/4	24,047	3/4	10,620	3/4	86	3/4		3/4		3/4	
7	77,150	7	63,723	7	50,296	7	37,023	7	23,767	7	10,340	7	63	7		7		7	
1/4	76,871	1/4	63,443	1/4	50,016	1/4	36,752	1/4	23,487	1/4	10,061	1/4	39	1/4		1/4		1/4	
1/2	76,591	1/2	63,164	1/2	49,736	1/2	36,480	1/2	23,208	1/2	9,781	1/2		1/2		1/2		1/2	
3/4	76,311	3/4	62,884	3/4	49,457	3/4	36,209	3/4	22,928	3/4	9,501	3/4		3/4		3/4		3/4	
8	76,031	8	62,604	8	49,177	8	35,937	8	22,648	8	9,221	8		8		8		8	
1/4	75,752	1/4	62,324	1/4	48,897	1/4	35,665	1/4	22,369	1/4	8,942	1/4		1/4		1/4		1/4	
1/2	75,472	1/2	62,045	1/2	48,617	1/2	35,394	1/2	22,089	1/2	8,662	1/2		1/2		1/2		1/2	
3/4	75,192	3/4	61,765	3/4	48,338	3/4	35,122	3/4	21,809	3/4	8,383	3/4		3/4		3/4		3/4	
9	74,912	9	61,485	9	48,058	9	34,851	9	21,529	9	8,103	9		9		9		9	
1/4	74,633	1/4	61,205	1/4	47,778	1/4	34,579	1/4	21,250	1/4	7,824	1/4		1/4		1/4		1/4	
1/2	74,353	1/2	60,926	1/2	47,498	1/2	34,308	1/2	20,970	1/2	7,545	1/2		1/2		1/2		1/2	
3/4	74,073	3/4	60,646	3/4	47,219	3/4	34,036	3/4	20,690	3/4	7,266	3/4		3/4		3/4		3/4	
10	73,794	10	60,366	10	46,939	10	33,765	10	20,410	10	6,987	10		10		10		10	
1/4	73,514	1/4	60,086	1/4	46,659	1/4	33,493	1/4	20,131	1/4	6,708	1/4		1/4		1/4		1/4	
1/2	73,234	1/2	59,807	1/2	46,379	1/2	33,222	1/2	19,851	1/2	6,430	1/2		1/2		1/2		1/2	
3/4	72,954	3/4	59,527	3/4	46,100	3/4	32,950	3/4	19,571	3/4	6,152	3/4		3/4		3/4		3/4	
11	72,675	11	59,247	11	45,820	11	32,679	11	19,292	11	5,874	11		11		11		11	
1/4	72,395	1/4	58,968	1/4	45,540	1/4	32,407	1/4	19,012	1/4	5,596	1/4		1/4		1/4		1/4	
1/2	72,115	1/2	58,688	1/2	45,261	1/2	32,135	1/2	18,732	1/2	5,319	1/2		1/2		1/2		1/2	
3/4	71,835	3/4	58,408	3/4	44,981	3/4	31,863	3/4	18,452	3/4	5,043	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/11/2021 CL  
CALCULATED: 01/11/2021 CL  
PRINTED: 01/11/2021 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2021



# BARGE "CBC 1427"

## 3 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	161,596	0	149,605	0	137,614	0	125,623	0	113,632	0	101,641	0	89,651		
1/4	1/4	1/4	1/4	1/4	1/4	161,346	1/4	149,355	1/4	137,364	1/4	125,373	1/4	113,383	1/4	101,392	1/4	89,401		
1/2	1/2	1/2	1/2	1/2	1/2	161,096	1/2	149,105	1/2	137,115	1/2	125,124	1/2	113,133	1/2	101,142	1/2	89,151		
3/4	3/4	3/4	3/4	3/4	3/4	170,756	3/4	160,846	3/4	148,856	3/4	136,865	3/4	124,874	3/4	112,883	3/4	100,892	3/4	88,901
1	1	1	1	1	1	170,693	1	160,597	1	148,606	1	136,615	1	124,624	1	112,633	1	100,642	1	88,651
1/4	1/4	1/4	1/4	1/4	1/4	170,631	1/4	160,347	1/4	148,356	1/4	136,365	1/4	124,374	1/4	112,383	1/4	100,392	1/4	88,402
1/2	1/2	1/2	1/2	1/2	1/2	170,568	1/2	160,097	1/2	148,106	1/2	136,115	1/2	124,124	1/2	112,134	1/2	100,143	1/2	88,152
3/4	3/4	3/4	3/4	3/4	3/4	170,506	3/4	159,847	3/4	147,856	3/4	135,865	3/4	123,875	3/4	111,884	3/4	99,893	3/4	87,902
2	2	2	2	2	2	170,402	2	159,597	2	147,607	2	135,616	2	123,625	2	111,634	2	99,643	2	87,652
1/4	1/4	1/4	1/4	1/4	1/4	170,298	1/4	159,348	1/4	147,357	1/4	135,366	1/4	123,375	1/4	111,384	1/4	99,393	1/4	87,402
1/2	1/2	1/2	1/2	1/2	1/2	170,194	1/2	159,098	1/2	147,107	1/2	135,116	1/2	123,125	1/2	111,134	1/2	99,143	1/2	87,153
3/4	3/4	3/4	3/4	3/4	3/4	170,089	3/4	158,848	3/4	146,857	3/4	134,866	3/4	122,875	3/4	110,884	3/4	98,894	3/4	86,903
3	3	3	3	3	3	169,944	3	158,598	3	146,607	3	134,616	3	122,626	3	110,635	3	98,644	3	86,653
1/4	1/4	1/4	1/4	1/4	1/4	169,798	1/4	158,348	1/4	146,357	1/4	134,367	1/4	122,376	1/4	110,385	1/4	98,394	1/4	86,403
1/2	1/2	1/2	1/2	1/2	1/2	169,652	1/2	158,099	1/2	146,108	1/2	134,117	1/2	122,126	1/2	110,135	1/2	98,144	1/2	86,153
3/4	3/4	3/4	3/4	3/4	3/4	169,507	3/4	157,849	3/4	145,858	3/4	133,867	3/4	121,876	3/4	109,885	3/4	97,894	3/4	85,903
4	4	4	4	4	4	169,319	4	157,599	4	145,608	4	133,617	4	121,626	4	109,635	4	97,645	4	85,654
1/4	1/4	1/4	1/4	1/4	1/4	169,132	1/4	157,349	1/4	145,358	1/4	133,367	1/4	121,376	1/4	109,386	1/4	97,395	1/4	85,404
1/2	1/2	1/2	1/2	1/2	1/2	168,944	1/2	157,099	1/2	145,108	1/2	133,118	1/2	121,127	1/2	109,136	1/2	97,145	1/2	85,154
3/4	3/4	3/4	3/4	3/4	3/4	168,757	3/4	156,850	3/4	144,859	3/4	132,868	3/4	120,877	3/4	108,886	3/4	96,895	3/4	84,904
5	5	5	5	5	5	168,528	5	156,600	5	144,609	5	132,618	5	120,627	5	108,636	5	96,645	5	84,654
1/4	1/4	1/4	1/4	1/4	1/4	168,299	1/4	156,350	1/4	144,359	1/4	132,368	1/4	120,377	1/4	108,386	1/4	96,395	1/4	84,405
1/2	1/2	1/2	1/2	1/2	1/2	168,070	1/2	156,100	1/2	144,109	1/2	132,118	1/2	120,127	1/2	108,137	1/2	96,146	1/2	84,155
3/4	3/4	3/4	3/4	3/4	3/4	167,841	3/4	155,850	3/4	143,859	3/4	131,869	3/4	119,878	3/4	107,887	3/4	95,896	3/4	83,905
6	6	6	6	6	6	167,591	6	155,600	6	143,610	6	131,619	6	119,628	6	107,637	6	95,646	6	83,655
1/4	1/4	1/4	1/4	1/4	1/4	167,342	1/4	155,351	1/4	143,360	1/4	131,369	1/4	119,378	1/4	107,387	1/4	95,396	1/4	83,405
1/2	1/2	1/2	1/2	1/2	1/2	167,092	1/2	155,101	1/2	143,110	1/2	131,119	1/2	119,128	1/2	107,137	1/2	95,146	1/2	83,156
3/4	3/4	3/4	3/4	3/4	3/4	166,842	3/4	154,851	3/4	142,860	3/4	130,869	3/4	118,878	3/4	106,888	3/4	94,897	3/4	82,906
7	7	7	7	7	7	166,592	7	154,601	7	142,610	7	130,619	7	118,629	7	106,638	7	94,647	7	82,656
1/4	1/4	1/4	1/4	1/4	1/4	166,342	1/4	154,351	1/4	142,361	1/4	130,370	1/4	118,379	1/4	106,388	1/4	94,397	1/4	82,406
1/2	1/2	1/2	1/2	1/2	1/2	166,092	1/2	154,102	1/2	142,111	1/2	130,120	1/2	118,129	1/2	106,138	1/2	94,147	1/2	82,156
3/4	3/4	3/4	3/4	3/4	3/4	165,843	3/4	153,852	3/4	141,861	3/4	129,870	3/4	117,879	3/4	105,888	3/4	93,897	3/4	81,906
8	8	8	8	8	8	165,593	8	153,602	8	141,611	8	129,620	8	117,629	8	105,638	8	93,648	8	81,657
1/4	1/4	1/4	1/4	1/4	1/4	165,343	1/4	153,352	1/4	141,361	1/4	129,370	1/4	117,380	1/4	105,389	1/4	93,398	1/4	81,407
1/2	1/2	1/2	1/2	1/2	1/2	165,093	1/2	153,102	1/2	141,111	1/2	129,121	1/2	117,130	1/2	105,139	1/2	93,148	1/2	81,157
3/4	3/4	3/4	3/4	3/4	3/4	164,843	3/4	152,853	3/4	140,862	3/4	128,871	3/4	116,880	3/4	104,889	3/4	92,898	3/4	80,907
9	9	9	9	9	9	164,594	9	152,603	9	140,612	9	128,621	9	116,630	9	104,639	9	92,648	9	80,657
1/4	1/4	1/4	1/4	1/4	1/4	164,344	1/4	152,353	1/4	140,362	1/4	128,371	1/4	116,380	1/4	104,389	1/4	92,399	1/4	80,408
1/2	1/2	1/2	1/2	1/2	1/2	164,094	1/2	152,103	1/2	140,112	1/2	128,121	1/2	116,130	1/2	104,140	1/2	92,149	1/2	80,158
3/4	3/4	3/4	3/4	3/4	3/4	163,844	3/4	151,853	3/4	139,862	3/4	127,872	3/4	115,881	3/4	103,890	3/4	91,899	3/4	79,908
10	10	10	10	10	10	163,594	10	151,604	10	139,613	10	127,622	10	115,631	10	103,640	10	91,649	10	79,658
1/4	1/4	1/4	1/4	1/4	1/4	163,345	1/4	151,354	1/4	139,363	1/4	127,372	1/4	115,381	1/4	103,390	1/4	91,399	1/4	79,408
1/2	1/2	1/2	1/2	1/2	1/2	163,095	1/2	151,104	1/2	139,113	1/2	127,122	1/2	115,131	1/2	103,140	1/2	91,149	1/2	79,159
3/4	3/4	3/4	3/4	3/4	3/4	162,845	3/4	150,854	3/4	138,863	3/4	126,872	3/4	114,881	3/4	102,891	3/4	90,900	3/4	78,909
11	11	11	11	11	11	162,595	11	150,604	11	138,613	11	126,622	11	114,632	11	102,641	11	90,650	11	78,659
1/4	1/4	1/4	1/4	1/4	1/4	162,345	1/4	150,354	1/4	138,364	1/4	126,373	1/4	114,382	1/4	102,391	1/4	90,400	1/4	78,409
1/2	1/2	1/2	1/2	1/2	1/2	162,096	1/2	150,105	1/2	138,114	1/2	126,123	1/2	114,132	1/2	102,141	1/2	90,150	1/2	78,159
3/4	3/4	3/4	3/4	3/4	3/4	161,846	3/4	149,855	3/4	137,864	3/4	125,873	3/4	113,882	3/4	101,891	3/4	89,900	3/4	77,910

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.

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 1427"

## 3 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	77,660	0	65,669	0	53,678	0	41,687	0	29,717	0	17,732	0	5,746	0		0		0	
1/4	77,410	1/4	65,419	1/4	53,428	1/4	41,437	1/4	29,468	1/4	17,482	1/4	5,498	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,160	1/2	65,169	1/2	53,178	1/2	41,187	1/2	29,219	1/2	17,232	1/2	5,250	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,910	3/4	64,919	3/4	52,929	3/4	40,938	3/4	28,970	3/4	16,982	3/4	5,002	3/4	3/4	3/4	3/4	3/4	3/4
1	76,660	1	64,670	1	52,679	1	40,688	1	28,720	1	16,732	1	4,755	1	1	1	1	1	1
1/4	76,411	1/4	64,420	1/4	52,429	1/4	40,438	1/4	28,471	1/4	16,483	1/4	4,508	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,161	1/2	64,170	1/2	52,179	1/2	40,188	1/2	28,221	1/2	16,233	1/2	4,261	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,911	3/4	63,920	3/4	51,929	3/4	39,938	3/4	27,972	3/4	15,983	3/4	4,014	3/4	3/4	3/4	3/4	3/4	3/4
2	75,661	2	63,670	2	51,679	2	39,689	2	27,723	2	15,733	2	3,769	2	2	2	2	2	2
1/4	75,411	1/4	63,421	1/4	51,430	1/4	39,439	1/4	27,473	1/4	15,483	1/4	3,524	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,162	1/2	63,171	1/2	51,180	1/2	39,189	1/2	27,224	1/2	15,234	1/2	3,279	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,912	3/4	62,921	3/4	50,930	3/4	38,939	3/4	26,974	3/4	14,984	3/4	3,034	3/4	3/4	3/4	3/4	3/4	3/4
3	74,662	3	62,671	3	50,680	3	38,689	3	26,724	3	14,734	3	2,806	3	3	3	3	3	3
1/4	74,412	1/4	62,421	1/4	50,430	1/4	38,440	1/4	26,475	1/4	14,484	1/4	2,578	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,162	1/2	62,171	1/2	50,181	1/2	38,190	1/2	26,225	1/2	14,234	1/2	2,349	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,913	3/4	61,922	3/4	49,931	3/4	37,940	3/4	25,975	3/4	13,985	3/4	2,121	3/4	3/4	3/4	3/4	3/4	3/4
4	73,663	4	61,672	4	49,681	4	37,690	4	25,725	4	13,735	4	1,934	4	4	4	4	4	4
1/4	73,413	1/4	61,422	1/4	49,431	1/4	37,440	1/4	25,475	1/4	13,485	1/4	1,746	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,163	1/2	61,172	1/2	49,181	1/2	37,190	1/2	25,226	1/2	13,235	1/2	1,559	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,913	3/4	60,922	3/4	48,932	3/4	36,941	3/4	24,976	3/4	12,985	3/4	1,372	3/4	3/4	3/4	3/4	3/4	3/4
5	72,664	5	60,673	5	48,682	5	36,692	5	24,726	5	12,736	5	1,226	5	5	5	5	5	5
1/4	72,414	1/4	60,423	1/4	48,432	1/4	36,442	1/4	24,476	1/4	12,486	1/4	1,080	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,164	1/2	60,173	1/2	48,182	1/2	36,193	1/2	24,226	1/2	12,236	1/2	934	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,914	3/4	59,923	3/4	47,932	3/4	35,944	3/4	23,977	3/4	11,986	3/4	789	3/4	3/4	3/4	3/4	3/4	3/4
6	71,664	6	59,673	6	47,683	6	35,695	6	23,727	6	11,736	6	685	6	6	6	6	6	6
1/4	71,414	1/4	59,424	1/4	47,433	1/4	35,446	1/4	23,477	1/4	11,487	1/4	581	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,165	1/2	59,174	1/2	47,183	1/2	35,197	1/2	23,227	1/2	11,237	1/2	477	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,915	3/4	58,924	3/4	46,933	3/4	34,948	3/4	22,977	3/4	10,987	3/4	372	3/4	3/4	3/4	3/4	3/4	3/4
7	70,665	7	58,674	7	46,683	7	34,699	7	22,728	7	10,737	7	310	7	7	7	7	7	7
1/4	70,415	1/4	58,424	1/4	46,433	1/4	34,450	1/4	22,478	1/4	10,487	1/4	248	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,165	1/2	58,175	1/2	46,184	1/2	34,201	1/2	22,228	1/2	10,238	1/2	185	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,916	3/4	57,925	3/4	45,934	3/4	33,952	3/4	21,978	3/4	9,988	3/4	123	3/4	3/4	3/4	3/4	3/4	3/4
8	69,666	8	57,675	8	45,684	8	33,703	8	21,728	8	9,738	8	102	8	8	8	8	8	8
1/4	69,416	1/4	57,425	1/4	45,434	1/4	33,453	1/4	21,479	1/4	9,488	1/4	81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,166	1/2	57,175	1/2	45,184	1/2	33,204	1/2	21,229	1/2	9,238	1/2	60	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,916	3/4	56,925	3/4	44,935	3/4	32,955	3/4	20,979	3/4	8,989	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4
9	68,667	9	56,676	9	44,685	9	32,706	9	20,729	9	8,739	9		9	9	9	9	9	9
1/4	68,417	1/4	56,426	1/4	44,435	1/4	32,457	1/4	20,479	1/4	8,489	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,167	1/2	56,176	1/2	44,185	1/2	32,208	1/2	20,230	1/2	8,239	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,917	3/4	55,926	3/4	43,935	3/4	31,959	3/4	19,980	3/4	7,989	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,667	10	55,676	10	43,686	10	31,710	10	19,730	10	7,740	10		10	10	10	10	10	10
1/4	67,418	1/4	55,427	1/4	43,436	1/4	31,461	1/4	19,480	1/4	7,490	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,168	1/2	55,177	1/2	43,186	1/2	31,212	1/2	19,230	1/2	7,241	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,918	3/4	54,927	3/4	42,936	3/4	30,963	3/4	18,981	3/4	6,991	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,668	11	54,677	11	42,686	11	30,713	11	18,731	11	6,742	11		11	11	11	11	11	11
1/4	66,418	1/4	54,427	1/4	42,436	1/4	30,464	1/4	18,481	1/4	6,493	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,168	1/2	54,178	1/2	42,187	1/2	30,215	1/2	18,231	1/2	6,244	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,919	3/4	53,928	3/4	41,937	3/4	29,966	3/4	17,981	3/4	5,995	3/4		3/4	3/4	3/4	3/4	3/4	3/4

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