



# BARGE "CBC 331"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	65	0	13,420	0	29,115	0	44,832	0	60,595	0	76,363	0	92,131	0	107,899	0	123,667	0	139,435
1/4	127	1/4	13,749	1/4	29,444	1/4	45,160	1/4	60,924	1/4	76,692	1/4	92,460	1/4	108,228	1/4	123,996	1/4	139,764
1/2	188	1/2	14,077	1/2	29,772	1/2	45,487	1/2	61,252	1/2	77,020	1/2	92,788	1/2	108,556	1/2	124,324	1/2	140,092
3/4	250	3/4	14,406	3/4	30,101	3/4	45,815	3/4	61,581	3/4	77,349	3/4	93,117	3/4	108,885	3/4	124,653	3/4	140,421
1	311	1	14,734	1	30,429	1	46,142	1	61,909	1	77,677	1	93,445	1	109,213	1	124,981	1	140,749
1/4	453	1/4	15,063	1/4	30,758	1/4	46,471	1/4	62,238	1/4	78,006	1/4	93,774	1/4	109,542	1/4	125,310	1/4	141,078
1/2	596	1/2	15,391	1/2	31,086	1/2	46,799	1/2	62,566	1/2	78,334	1/2	94,102	1/2	109,870	1/2	125,638	1/2	141,406
3/4	738	3/4	15,720	3/4	31,415	3/4	47,128	3/4	62,895	3/4	78,663	3/4	94,431	3/4	110,199	3/4	125,967	3/4	141,735
2	880	2	16,048	2	31,743	2	47,456	2	63,223	2	78,991	2	94,759	2	110,527	2	126,295	2	142,063
1/4	1,100	1/4	16,377	1/4	32,071	1/4	47,785	1/4	63,552	1/4	79,320	1/4	95,088	1/4	110,856	1/4	126,624	1/4	142,392
1/2	1,320	1/2	16,705	1/2	32,400	1/2	48,113	1/2	63,880	1/2	79,648	1/2	95,416	1/2	111,184	1/2	126,952	1/2	142,720
3/4	1,539	3/4	17,034	3/4	32,728	3/4	48,442	3/4	64,209	3/4	79,977	3/4	95,745	3/4	111,513	3/4	127,281	3/4	143,049
3	1,759	3	17,362	3	33,056	3	48,770	3	64,537	3	80,305	3	96,073	3	111,841	3	127,609	3	143,377
1/4	2,051	1/4	17,689	1/4	33,383	1/4	49,099	1/4	64,866	1/4	80,634	1/4	96,402	1/4	112,170	1/4	127,938	1/4	143,706
1/2	2,343	1/2	18,016	1/2	33,710	1/2	49,427	1/2	65,194	1/2	80,962	1/2	96,730	1/2	112,498	1/2	128,266	1/2	144,034
3/4	2,634	3/4	18,343	3/4	34,037	3/4	49,756	3/4	65,523	3/4	81,291	3/4	97,059	3/4	112,827	3/4	128,595	3/4	144,363
4	2,926	4	18,670	4	34,364	4	50,084	4	65,851	4	81,619	4	97,387	4	113,155	4	128,923	4	144,691
1/4	3,250	1/4	18,992	1/4	34,691	1/4	50,413	1/4	66,180	1/4	81,948	1/4	97,716	1/4	113,484	1/4	129,252	1/4	145,020
1/2	3,574	1/2	19,315	1/2	35,019	1/2	50,741	1/2	66,508	1/2	82,276	1/2	98,044	1/2	113,812	1/2	129,580	1/2	145,348
3/4	3,898	3/4	19,637	3/4	35,346	3/4	51,070	3/4	66,837	3/4	82,605	3/4	98,373	3/4	114,141	3/4	129,909	3/4	145,677
5	4,222	5	19,959	5	35,673	5	51,398	5	67,165	5	82,933	5	98,701	5	114,469	5	130,237	5	146,005
1/4	4,551	1/4	20,282	1/4	36,000	1/4	51,727	1/4	67,494	1/4	83,262	1/4	99,030	1/4	114,798	1/4	130,566	1/4	146,334
1/2	4,879	1/2	20,604	1/2	36,327	1/2	52,055	1/2	67,822	1/2	83,590	1/2	99,358	1/2	115,126	1/2	130,894	1/2	146,662
3/4	5,208	3/4	20,927	3/4	36,654	3/4	52,384	3/4	68,151	3/4	83,919	3/4	99,687	3/4	115,455	3/4	131,223	3/4	146,991
6	5,536	6	21,249	6	36,981	6	52,712	6	68,479	6	84,247	6	100,015	6	115,783	6	131,551	6	147,319
1/4	5,865	1/4	21,573	1/4	37,308	1/4	53,040	1/4	68,808	1/4	84,576	1/4	100,344	1/4	116,112	1/4	131,880	1/4	147,648
1/2	6,193	1/2	21,897	1/2	37,635	1/2	53,369	1/2	69,136	1/2	84,904	1/2	100,672	1/2	116,440	1/2	132,208	1/2	147,976
3/4	6,522	3/4	22,221	3/4	37,962	3/4	53,697	3/4	69,465	3/4	85,233	3/4	101,001	3/4	116,769	3/4	132,537	3/4	148,305
7	6,850	7	22,545	7	38,289	7	54,025	7	69,793	7	85,561	7	101,329	7	117,097	7	132,865	7	148,633
1/4	7,179	1/4	22,874	1/4	38,616	1/4	54,354	1/4	70,122	1/4	85,890	1/4	101,658	1/4	117,426	1/4	133,194	1/4	148,962
1/2	7,507	1/2	23,202	1/2	38,944	1/2	54,682	1/2	70,450	1/2	86,218	1/2	101,986	1/2	117,754	1/2	133,522	1/2	149,290
3/4	7,836	3/4	23,531	3/4	39,271	3/4	55,011	3/4	70,779	3/4	86,547	3/4	102,315	3/4	118,083	3/4	133,851	3/4	149,619
8	8,164	8	23,859	8	39,598	8	55,339	8	71,107	8	86,875	8	102,643	8	118,411	8	134,179	8	149,947
1/4	8,493	1/4	24,188	1/4	39,925	1/4	55,668	1/4	71,436	1/4	87,204	1/4	102,972	1/4	118,740	1/4	134,508	1/4	150,276
1/2	8,821	1/2	24,516	1/2	40,252	1/2	55,996	1/2	71,764	1/2	87,532	1/2	103,300	1/2	119,068	1/2	134,836	1/2	150,604
3/4	9,150	3/4	24,845	3/4	40,579	3/4	56,325	3/4	72,093	3/4	87,861	3/4	103,629	3/4	119,397	3/4	135,165	3/4	150,933
9	9,478	9	25,173	9	40,906	9	56,653	9	72,421	9	88,189	9	103,957	9	119,725	9	135,493	9	151,261
1/4	9,807	1/4	25,502	1/4	41,233	1/4	56,982	1/4	72,750	1/4	88,518	1/4	104,286	1/4	120,054	1/4	135,822	1/4	151,590
1/2	10,135	1/2	25,830	1/2	41,561	1/2	57,310	1/2	73,078	1/2	88,846	1/2	104,614	1/2	120,382	1/2	136,150	1/2	151,918
3/4	10,464	3/4	26,159	3/4	41,888	3/4	57,639	3/4	73,407	3/4	89,175	3/4	104,943	3/4	120,711	3/4	136,479	3/4	152,247
10	10,792	10	26,487	10	42,215	10	57,967	10	73,735	10	89,503	10	105,271	10	121,039	10	136,807	10	152,575
1/4	11,121	1/4	26,816	1/4	42,542	1/4	58,296	1/4	74,064	1/4	89,832	1/4	105,600	1/4	121,368	1/4	137,136	1/4	152,904
1/2	11,449	1/2	27,144	1/2	42,869	1/2	58,624	1/2	74,392	1/2	90,160	1/2	105,928	1/2	121,696	1/2	137,464	1/2	153,232
3/4	11,778	3/4	27,473	3/4	43,196	3/4	58,953	3/4	74,721	3/4	90,489	3/4	106,257	3/4	122,025	3/4	137,793	3/4	153,561
11	12,106	11	27,801	11	43,523	11	59,281	11	75,049	11	90,817	11	106,585	11	122,353	11	138,121	11	153,889
1/4	12,435	1/4	28,130	1/4	43,850	1/4	59,610	1/4	75,378	1/4	91,146	1/4	106,914	1/4	122,682	1/4	138,450	1/4	154,218
1/2	12,763	1/2	28,458	1/2	44,178	1/2	59,938	1/2	75,706	1/2	91,474	1/2	107,242	1/2	123,010	1/2	138,778	1/2	154,546
3/4	13,092	3/4	28,787	3/4	44,505	3/4	60,267	3/4	76,035	3/4	91,803	3/4	107,571	3/4	123,339	3/4	139,107	3/4	154,875

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 AT THE EXPANSION DOME  
 CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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 331"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	155,203	0	170,971	0	186,684	0		0		0		0		0		0		0	
1/4	155,532	1/4	171,300	1/4	186,967	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,860	1/2	171,629	1/2	187,250	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,189	3/4	171,957	3/4	187,533	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	156,517	1	172,286	1	187,816	1		1		1		1		1		1		1	
1/4	156,846	1/4	172,614	1/4	188,062	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,174	1/2	172,943	1/2	188,309	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,503	3/4	173,271	3/4	188,555	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	157,831	2	173,599	2	188,801	2		2		2		2		2		2		2	
1/4	158,160	1/4	173,928	1/4	189,011	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,488	1/2	174,256	1/2	189,221	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,817	3/4	174,585	3/4	189,430	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	159,145	3	174,913	3	189,640	3		3		3		3		3		3		3	
1/4	159,474	1/4	175,242	1/4	189,814	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,802	1/2	175,570	1/2	189,987	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,131	3/4	175,899	3/4	190,161	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	160,459	4	176,227	4	190,334	4		4		4		4		4		4		4	
1/4	160,788	1/4	176,556	1/4	190,471	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,116	1/2	176,884	1/2	190,608	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,445	3/4	177,213	3/4	190,744	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	161,773	5	177,541	5	190,881	5		5		5		5		5		5		5	
1/4	162,102	1/4	177,870	1/4	190,981	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,430	1/2	178,198	1/2	191,082	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,759	3/4	178,527	3/4	191,182	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	163,087	6	178,855	6	191,282	6		6		6		6		6		6		6	
1/4	163,416	1/4	179,184	1/4	191,346	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,744	1/2	179,512	1/2	191,410	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,073	3/4	179,841	3/4	191,474	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	164,401	7	180,169	7	191,538	7		7		7		7		7		7		7	
1/4	164,730	1/4	180,498	1/4	191,565	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,058	1/2	180,826	1/2	191,593	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,387	3/4	181,155	3/4	191,620	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	165,715	8	181,483	8	191,647	8		8		8		8		8		8		8	
1/4	166,044	1/4	181,812	1/4	191,665	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,372	1/2	182,140	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,701	3/4	182,469	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	167,029	9	182,797	9		9		9		9		9		9		9		9	
1/4	167,358	1/4	183,126	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,686	1/2	183,454	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168,015	3/4	183,783	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	168,343	10	184,111	10		10		10		10		10		10		10		10	
1/4	168,672	1/4	184,440	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169,000	1/2	184,768	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,329	3/4	185,097	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	169,657	11	185,425	11		11		11		11		11		11		11		11	
1/4	169,986	1/4	185,740	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	170,314	1/2	186,055	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	170,643	3/4	186,369	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
REPRINTED: 08/19/2019 PMA

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019



# BARGE "CBC 331"

# 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	65	0	13,420	0	29,115	0	44,832	0	60,595	0	76,363	0	92,131	0	107,899	0	123,667	0	139,435
1/4	127	1/4	13,749	1/4	29,444	1/4	45,160	1/4	60,924	1/4	76,692	1/4	92,460	1/4	108,228	1/4	123,996	1/4	139,764
1/2	188	1/2	14,077	1/2	29,772	1/2	45,487	1/2	61,252	1/2	77,020	1/2	92,788	1/2	108,556	1/2	124,324	1/2	140,092
3/4	250	3/4	14,406	3/4	30,101	3/4	45,815	3/4	61,581	3/4	77,349	3/4	93,117	3/4	108,885	3/4	124,653	3/4	140,421
1	311	1	14,734	1	30,429	1	46,142	1	61,909	1	77,677	1	93,445	1	109,213	1	124,981	1	140,749
1/4	453	1/4	15,063	1/4	30,758	1/4	46,471	1/4	62,238	1/4	78,006	1/4	93,774	1/4	109,542	1/4	125,310	1/4	141,078
1/2	596	1/2	15,391	1/2	31,086	1/2	46,799	1/2	62,566	1/2	78,334	1/2	94,102	1/2	109,870	1/2	125,638	1/2	141,406
3/4	738	3/4	15,720	3/4	31,415	3/4	47,128	3/4	62,895	3/4	78,663	3/4	94,431	3/4	110,199	3/4	125,967	3/4	141,735
2	880	2	16,048	2	31,743	2	47,456	2	63,223	2	78,991	2	94,759	2	110,527	2	126,295	2	142,063
1/4	1,100	1/4	16,377	1/4	32,071	1/4	47,785	1/4	63,552	1/4	79,320	1/4	95,088	1/4	110,856	1/4	126,624	1/4	142,392
1/2	1,320	1/2	16,705	1/2	32,400	1/2	48,113	1/2	63,880	1/2	79,648	1/2	95,416	1/2	111,184	1/2	126,952	1/2	142,720
3/4	1,539	3/4	17,034	3/4	32,728	3/4	48,442	3/4	64,209	3/4	79,977	3/4	95,745	3/4	111,513	3/4	127,281	3/4	143,049
3	1,759	3	17,362	3	33,056	3	48,770	3	64,537	3	80,305	3	96,073	3	111,841	3	127,609	3	143,377
1/4	2,051	1/4	17,689	1/4	33,383	1/4	49,099	1/4	64,866	1/4	80,634	1/4	96,402	1/4	112,170	1/4	127,938	1/4	143,706
1/2	2,343	1/2	18,016	1/2	33,710	1/2	49,427	1/2	65,194	1/2	80,962	1/2	96,730	1/2	112,498	1/2	128,266	1/2	144,034
3/4	2,634	3/4	18,343	3/4	34,037	3/4	49,756	3/4	65,523	3/4	81,291	3/4	97,059	3/4	112,827	3/4	128,595	3/4	144,363
4	2,926	4	18,670	4	34,364	4	50,084	4	65,851	4	81,619	4	97,387	4	113,155	4	128,923	4	144,691
1/4	3,250	1/4	18,992	1/4	34,691	1/4	50,413	1/4	66,180	1/4	81,948	1/4	97,716	1/4	113,484	1/4	129,252	1/4	145,020
1/2	3,574	1/2	19,315	1/2	35,019	1/2	50,741	1/2	66,508	1/2	82,276	1/2	98,044	1/2	113,812	1/2	129,580	1/2	145,348
3/4	3,898	3/4	19,637	3/4	35,346	3/4	51,070	3/4	66,837	3/4	82,605	3/4	98,373	3/4	114,141	3/4	129,909	3/4	145,677
5	4,222	5	19,959	5	35,673	5	51,398	5	67,165	5	82,933	5	98,701	5	114,469	5	130,237	5	146,005
1/4	4,551	1/4	20,282	1/4	36,000	1/4	51,727	1/4	67,494	1/4	83,262	1/4	99,030	1/4	114,798	1/4	130,566	1/4	146,334
1/2	4,879	1/2	20,604	1/2	36,327	1/2	52,055	1/2	67,822	1/2	83,590	1/2	99,358	1/2	115,126	1/2	130,894	1/2	146,662
3/4	5,208	3/4	20,927	3/4	36,654	3/4	52,384	3/4	68,151	3/4	83,919	3/4	99,687	3/4	115,455	3/4	131,223	3/4	146,991
6	5,536	6	21,249	6	36,981	6	52,712	6	68,479	6	84,247	6	100,015	6	115,783	6	131,551	6	147,319
1/4	5,865	1/4	21,573	1/4	37,308	1/4	53,040	1/4	68,808	1/4	84,576	1/4	100,344	1/4	116,112	1/4	131,880	1/4	147,648
1/2	6,193	1/2	21,897	1/2	37,635	1/2	53,369	1/2	69,136	1/2	84,904	1/2	100,672	1/2	116,440	1/2	132,208	1/2	147,976
3/4	6,522	3/4	22,221	3/4	37,962	3/4	53,697	3/4	69,465	3/4	85,233	3/4	101,001	3/4	116,769	3/4	132,537	3/4	148,305
7	6,850	7	22,545	7	38,289	7	54,025	7	69,793	7	85,561	7	101,329	7	117,097	7	132,865	7	148,633
1/4	7,179	1/4	22,874	1/4	38,616	1/4	54,354	1/4	70,122	1/4	85,890	1/4	101,658	1/4	117,426	1/4	133,194	1/4	148,962
1/2	7,507	1/2	23,202	1/2	38,944	1/2	54,682	1/2	70,450	1/2	86,218	1/2	101,986	1/2	117,754	1/2	133,522	1/2	149,290
3/4	7,836	3/4	23,531	3/4	39,271	3/4	55,011	3/4	70,779	3/4	86,547	3/4	102,315	3/4	118,083	3/4	133,851	3/4	149,619
8	8,164	8	23,859	8	39,598	8	55,339	8	71,107	8	86,875	8	102,643	8	118,411	8	134,179	8	149,947
1/4	8,493	1/4	24,188	1/4	39,925	1/4	55,668	1/4	71,436	1/4	87,204	1/4	102,972	1/4	118,740	1/4	134,508	1/4	150,276
1/2	8,821	1/2	24,516	1/2	40,252	1/2	55,996	1/2	71,764	1/2	87,532	1/2	103,300	1/2	119,068	1/2	134,836	1/2	150,604
3/4	9,150	3/4	24,845	3/4	40,579	3/4	56,325	3/4	72,093	3/4	87,861	3/4	103,629	3/4	119,397	3/4	135,165	3/4	150,933
9	9,478	9	25,173	9	40,906	9	56,653	9	72,421	9	88,189	9	103,957	9	119,725	9	135,493	9	151,261
1/4	9,807	1/4	25,502	1/4	41,233	1/4	56,982	1/4	72,750	1/4	88,518	1/4	104,286	1/4	120,054	1/4	135,822	1/4	151,590
1/2	10,135	1/2	25,830	1/2	41,561	1/2	57,310	1/2	73,078	1/2	88,846	1/2	104,614	1/2	120,382	1/2	136,150	1/2	151,918
3/4	10,464	3/4	26,159	3/4	41,888	3/4	57,639	3/4	73,407	3/4	89,175	3/4	104,943	3/4	120,711	3/4	136,479	3/4	152,247
10	10,792	10	26,487	10	42,215	10	57,967	10	73,735	10	89,503	10	105,271	10	121,039	10	136,807	10	152,575
1/4	11,121	1/4	26,816	1/4	42,542	1/4	58,296	1/4	74,064	1/4	89,832	1/4	105,600	1/4	121,368	1/4	137,136	1/4	152,904
1/2	11,449	1/2	27,144	1/2	42,869	1/2	58,624	1/2	74,392	1/2	90,160	1/2	105,928	1/2	121,696	1/2	137,464	1/2	153,232
3/4	11,778	3/4	27,473	3/4	43,196	3/4	58,953	3/4	74,721	3/4	90,489	3/4	106,257	3/4	122,025	3/4	137,793	3/4	153,561
11	12,106	11	27,801	11	43,523	11	59,281	11	75,049	11	90,817	11	106,585	11	122,353	11	138,121	11	153,889
1/4	12,435	1/4	28,130	1/4	43,850	1/4	59,610	1/4	75,378	1/4	91,146	1/4	106,914	1/4	122,682	1/4	138,450	1/4	154,218
1/2	12,763	1/2	28,458	1/2	44,178	1/2	59,938	1/2	75,706	1/2	91,474	1/2	107,242	1/2	123,010	1/2	138,778	1/2	154,546
3/4	13,092	3/4	28,787	3/4	44,505	3/4	60,267	3/4	76,035	3/4	91,803	3/4	107,571	3/4	123,339	3/4	139,107	3/4	154,875

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 AT THE EXPANSION DOME  
 CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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 331"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 14'-11"

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	155,203	0	170,971	0	186,684	0		0		0		0		0		0		0	
1/4	155,532	1/4	171,300	1/4	186,967	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,860	1/2	171,629	1/2	187,250	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,189	3/4	171,957	3/4	187,533	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	156,517	1	172,286	1	187,816	1		1		1		1		1		1		1	
1/4	156,846	1/4	172,614	1/4	188,062	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,174	1/2	172,943	1/2	188,309	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,503	3/4	173,271	3/4	188,555	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	157,831	2	173,599	2	188,801	2		2		2		2		2		2		2	
1/4	158,160	1/4	173,928	1/4	189,011	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,488	1/2	174,256	1/2	189,221	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,817	3/4	174,585	3/4	189,430	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	159,145	3	174,913	3	189,640	3		3		3		3		3		3		3	
1/4	159,474	1/4	175,242	1/4	189,814	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,802	1/2	175,570	1/2	189,987	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,131	3/4	175,899	3/4	190,161	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	160,459	4	176,227	4	190,334	4		4		4		4		4		4		4	
1/4	160,788	1/4	176,556	1/4	190,471	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,116	1/2	176,884	1/2	190,608	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,445	3/4	177,213	3/4	190,744	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	161,773	5	177,541	5	190,881	5		5		5		5		5		5		5	
1/4	162,102	1/4	177,870	1/4	190,981	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,430	1/2	178,198	1/2	191,082	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,759	3/4	178,527	3/4	191,182	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	163,087	6	178,855	6	191,282	6		6		6		6		6		6		6	
1/4	163,416	1/4	179,184	1/4	191,346	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,744	1/2	179,512	1/2	191,410	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,073	3/4	179,841	3/4	191,474	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	164,401	7	180,169	7	191,538	7		7		7		7		7		7		7	
1/4	164,730	1/4	180,498	1/4	191,565	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,058	1/2	180,826	1/2	191,593	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,387	3/4	181,155	3/4	191,620	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	165,715	8	181,483	8	191,647	8		8		8		8		8		8		8	
1/4	166,044	1/4	181,812	1/4	191,665	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,372	1/2	182,140	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,701	3/4	182,469	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	167,029	9	182,797	9		9		9		9		9		9		9		9	
1/4	167,358	1/4	183,126	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,686	1/2	183,454	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168,015	3/4	183,783	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	168,343	10	184,111	10		10		10		10		10		10		10		10	
1/4	168,672	1/4	184,440	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169,000	1/2	184,768	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,329	3/4	185,097	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	169,657	11	185,425	11		11		11		11		11		11		11		11	
1/4	169,986	1/4	185,740	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	170,314	1/2	186,055	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	170,643	3/4	186,369	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
REPRINTED: 08/19/2019 PMA

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019





# BARGE "CBC 331"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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	104	0	13,409	0	28,718	0	44,047	0	59,424	0	74,804	0	90,184	0	105,565	0	120,945	0	136,325
1/4	184	1/4	13,730	1/4	29,038	1/4	44,367	1/4	59,745	1/4	75,125	1/4	90,505	1/4	105,885	1/4	121,265	1/4	136,646
1/2	265	1/2	14,050	1/2	29,359	1/2	44,687	1/2	60,065	1/2	75,445	1/2	90,825	1/2	106,206	1/2	121,586	1/2	136,966
3/4	345	3/4	14,371	3/4	29,679	3/4	45,006	3/4	60,386	3/4	75,766	3/4	91,146	3/4	106,526	3/4	121,906	3/4	137,287
1	425	1	14,691	1	29,999	1	45,326	1	60,706	1	76,086	1	91,466	1	106,846	1	122,226	1	137,607
1/4	582	1/4	15,012	1/4	30,320	1/4	45,646	1/4	61,026	1/4	76,407	1/4	91,787	1/4	107,167	1/4	122,547	1/4	137,927
1/2	739	1/2	15,332	1/2	30,640	1/2	45,967	1/2	61,347	1/2	76,727	1/2	92,107	1/2	107,487	1/2	122,867	1/2	138,248
3/4	896	3/4	15,653	3/4	30,961	3/4	46,287	3/4	61,667	3/4	77,048	3/4	92,428	3/4	107,808	3/4	123,188	3/4	138,568
2	1,053	2	15,973	2	31,281	2	46,607	2	61,987	2	77,368	2	92,748	2	108,128	2	123,508	2	138,888
1/4	1,287	1/4	16,293	1/4	31,601	1/4	46,928	1/4	62,308	1/4	77,688	1/4	93,068	1/4	108,449	1/4	123,829	1/4	139,209
1/2	1,522	1/2	16,614	1/2	31,921	1/2	47,248	1/2	62,628	1/2	78,009	1/2	93,389	1/2	108,769	1/2	124,149	1/2	139,529
3/4	1,756	3/4	16,934	3/4	32,240	3/4	47,569	3/4	62,949	3/4	78,329	3/4	93,709	3/4	109,090	3/4	124,470	3/4	139,850
3	1,990	3	17,254	3	32,560	3	47,889	3	63,269	3	78,649	3	94,029	3	109,410	3	124,790	3	140,170
1/4	2,285	1/4	17,572	1/4	32,879	1/4	48,210	1/4	63,590	1/4	78,970	1/4	94,350	1/4	109,730	1/4	125,110	1/4	140,491
1/2	2,579	1/2	17,889	1/2	33,198	1/2	48,530	1/2	63,910	1/2	79,290	1/2	94,670	1/2	110,051	1/2	125,431	1/2	140,811
3/4	2,874	3/4	18,207	3/4	33,517	3/4	48,851	3/4	64,231	3/4	79,611	3/4	94,991	3/4	110,371	3/4	125,751	3/4	141,132
4	3,168	4	18,524	4	33,836	4	49,171	4	64,551	4	79,931	4	95,311	4	110,691	4	126,071	4	141,452
1/4	3,486	1/4	18,839	1/4	34,155	1/4	49,491	1/4	64,872	1/4	80,252	1/4	95,632	1/4	111,012	1/4	126,392	1/4	141,772
1/2	3,803	1/2	19,153	1/2	34,475	1/2	49,812	1/2	65,192	1/2	80,572	1/2	95,952	1/2	111,332	1/2	126,712	1/2	142,093
3/4	4,121	3/4	19,468	3/4	34,794	3/4	50,132	3/4	65,513	3/4	80,893	3/4	96,273	3/4	111,653	3/4	127,033	3/4	142,413
5	4,438	5	19,782	5	35,113	5	50,452	5	65,833	5	81,213	5	96,593	5	111,973	5	127,353	5	142,733
1/4	4,758	1/4	20,096	1/4	35,432	1/4	50,773	1/4	66,153	1/4	81,533	1/4	96,914	1/4	112,294	1/4	127,674	1/4	143,054
1/2	5,079	1/2	20,411	1/2	35,751	1/2	51,093	1/2	66,474	1/2	81,854	1/2	97,234	1/2	112,614	1/2	127,994	1/2	143,374
3/4	5,399	3/4	20,725	3/4	36,070	3/4	51,414	3/4	66,794	3/4	82,174	3/4	97,555	3/4	112,935	3/4	128,315	3/4	143,695
6	5,719	6	21,039	6	36,389	6	51,734	6	67,114	6	82,494	6	97,875	6	113,255	6	128,635	6	144,015
1/4	6,040	1/4	21,357	1/4	36,708	1/4	52,055	1/4	67,435	1/4	82,815	1/4	98,195	1/4	113,575	1/4	128,956	1/4	144,336
1/2	6,360	1/2	21,674	1/2	37,027	1/2	52,375	1/2	67,755	1/2	83,135	1/2	98,516	1/2	113,896	1/2	129,276	1/2	144,656
3/4	6,681	3/4	21,992	3/4	37,346	3/4	52,696	3/4	68,076	3/4	83,456	3/4	98,836	3/4	114,216	3/4	129,597	3/4	144,977
7	7,001	7	22,309	7	37,665	7	53,016	7	68,396	7	83,776	7	99,156	7	114,536	7	129,917	7	145,297
1/4	7,322	1/4	22,630	1/4	37,984	1/4	53,336	1/4	68,717	1/4	84,097	1/4	99,477	1/4	114,857	1/4	130,237	1/4	145,617
1/2	7,642	1/2	22,950	1/2	38,303	1/2	53,657	1/2	69,037	1/2	84,417	1/2	99,797	1/2	115,177	1/2	130,558	1/2	145,938
3/4	7,963	3/4	23,271	3/4	38,622	3/4	53,977	3/4	69,358	3/4	84,738	3/4	100,118	3/4	115,498	3/4	130,878	3/4	146,258
8	8,283	8	23,591	8	38,941	8	54,297	8	69,678	8	85,058	8	100,438	8	115,818	8	131,198	8	146,578
1/4	8,603	1/4	23,912	1/4	39,260	1/4	54,618	1/4	69,998	1/4	85,378	1/4	100,759	1/4	116,139	1/4	131,519	1/4	146,899
1/2	8,924	1/2	24,232	1/2	39,580	1/2	54,938	1/2	70,319	1/2	85,699	1/2	101,079	1/2	116,459	1/2	131,839	1/2	147,219
3/4	9,244	3/4	24,553	3/4	39,899	3/4	55,259	3/4	70,639	3/4	86,019	3/4	101,400	3/4	116,780	3/4	132,160	3/4	147,540
9	9,564	9	24,873	9	40,218	9	55,579	9	70,959	9	86,339	9	101,720	9	117,100	9	132,480	9	147,860
1/4	9,885	1/4	25,193	1/4	40,537	1/4	55,900	1/4	71,280	1/4	86,660	1/4	102,040	1/4	117,420	1/4	132,801	1/4	148,181
1/2	10,205	1/2	25,514	1/2	40,856	1/2	56,220	1/2	71,600	1/2	86,980	1/2	102,361	1/2	117,741	1/2	133,121	1/2	148,501
3/4	10,526	3/4	25,834	3/4	41,175	3/4	56,541	3/4	71,921	3/4	87,301	3/4	102,681	3/4	118,061	3/4	133,442	3/4	148,822
10	10,846	10	26,154	10	41,494	10	56,861	10	72,241	10	87,621	10	103,001	10	118,381	10	133,762	10	149,142
1/4	11,167	1/4	26,475	1/4	41,813	1/4	57,181	1/4	72,562	1/4	87,942	1/4	103,322	1/4	118,702	1/4	134,082	1/4	149,462
1/2	11,487	1/2	26,795	1/2	42,132	1/2	57,502	1/2	72,882	1/2	88,262	1/2	103,642	1/2	119,022	1/2	134,403	1/2	149,783
3/4	11,808	3/4	27,116	3/4	42,451	3/4	57,822	3/4	73,203	3/4	88,583	3/4	103,963	3/4	119,343	3/4	134,723	3/4	150,103
11	12,128	11	27,436	11	42,770	11	58,142	11	73,523	11	88,903	11	104,283	11	119,663	11	135,043	11	150,423
1/4	12,448	1/4	27,757	1/4	43,089	1/4	58,463	1/4	73,843	1/4	89,223	1/4	104,604	1/4	119,984	1/4	135,364	1/4	150,744
1/2	12,769	1/2	28,077	1/2	43,409	1/2	58,783	1/2	74,164	1/2	89,544	1/2	104,924	1/2	120,304	1/2	135,684	1/2	151,064
3/4	13,089	3/4	28,398	3/4	43,728	3/4	59,104	3/4	74,484	3/4	89,864	3/4	105,245	3/4	120,625	3/4	136,005	3/4	151,385

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 AT THE EXPANSION DOME  
 CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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 331"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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	151,705	0	167,085	0	182,394	0		0		0		0		0		0		0	
1/4	152,026	1/4	167,406	1/4	182,661	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,346	1/2	167,726	1/2	182,928	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,667	3/4	168,047	3/4	183,195	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	152,987	1	168,367	1	183,462	1		1		1		1		1		1		1	
1/4	153,307	1/4	168,688	1/4	183,694	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,628	1/2	169,008	1/2	183,925	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,948	3/4	169,329	3/4	184,157	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	154,268	2	169,649	2	184,388	2		2		2		2		2		2		2	
1/4	154,589	1/4	169,969	1/4	184,584	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,909	1/2	170,290	1/2	184,780	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,230	3/4	170,610	3/4	184,975	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	155,550	3	170,930	3	185,171	3		3		3		3		3		3		3	
1/4	155,871	1/4	171,251	1/4	185,331	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,191	1/2	171,573	1/2	185,492	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,512	3/4	171,894	3/4	185,652	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	156,832	4	172,215	4	185,812	4		4		4		4		4		4		4	
1/4	157,152	1/4	172,535	1/4	185,937	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,473	1/2	172,855	1/2	186,061	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,793	3/4	173,174	3/4	186,186	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	158,113	5	173,494	5	186,310	5		5		5		5		5		5		5	
1/4	158,434	1/4	173,814	1/4	186,399	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,754	1/2	174,135	1/2	186,488	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,075	3/4	174,455	3/4	186,577	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	159,395	6	174,775	6	186,666	6		6		6		6		6		6		6	
1/4	159,716	1/4	175,096	1/4	186,719	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,036	1/2	175,416	1/2	186,773	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,357	3/4	175,737	3/4	186,826	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	160,677	7	176,057	7	186,879	7		7		7		7		7		7		7	
1/4	160,998	1/4	176,378	1/4	186,897	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,318	1/2	176,698	1/2	186,915	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,639	3/4	177,019	3/4	186,932	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	161,959	8	177,339	8	186,950	8		8		8		8		8		8		8	
1/4	162,279	1/4	177,659	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,600	1/2	177,980	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,920	3/4	178,300	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	163,240	9	178,620	9		9		9		9		9		9		9		9	
1/4	163,561	1/4	178,941	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,881	1/2	179,261	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,202	3/4	179,582	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	164,522	10	179,902	10		10		10		10		10		10		10		10	
1/4	164,843	1/4	180,223	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,163	1/2	180,543	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,484	3/4	180,864	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	165,804	11	181,184	11		11		11		11		11		11		11		11	
1/4	166,124	1/4	181,487	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,445	1/2	181,789	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,765	3/4	182,092	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
REPRINTED: 08/19/2019 PMA

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019



# BARGE "CBC 331"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	64	0	13,089	0	28,397	0	43,728	0	59,104	0	74,484	0	89,864	0	105,244	0	120,624	0	136,004
1/4	124	1/4	13,410	1/4	28,717	1/4	44,047	1/4	59,424	1/4	74,805	1/4	90,185	1/4	105,565	1/4	120,945	1/4	136,325
1/2	185	1/2	13,730	1/2	29,037	1/2	44,367	1/2	59,745	1/2	75,125	1/2	90,505	1/2	105,885	1/2	121,265	1/2	136,645
3/4	245	3/4	14,051	3/4	29,356	3/4	44,686	3/4	60,065	3/4	75,446	3/4	90,826	3/4	106,206	3/4	121,586	3/4	136,966
1	305	1	14,371	1	29,676	1	45,005	1	60,385	1	75,766	1	91,146	1	106,526	1	121,906	1	137,286
1/4	444	1/4	14,691	1/4	29,997	1/4	45,326	1/4	60,706	1/4	76,086	1/4	91,466	1/4	106,847	1/4	122,227	1/4	137,607
1/2	582	1/2	15,012	1/2	30,318	1/2	45,646	1/2	61,026	1/2	76,407	1/2	91,787	1/2	107,167	1/2	122,547	1/2	137,927
3/4	721	3/4	15,332	3/4	30,639	3/4	45,967	3/4	61,347	3/4	76,727	3/4	92,107	3/4	107,488	3/4	122,868	3/4	138,248
2	859	2	15,652	2	30,960	2	46,287	2	61,667	2	77,047	2	92,427	2	107,808	2	123,188	2	138,568
1/4	1,073	1/4	15,973	1/4	31,280	1/4	46,608	1/4	61,988	1/4	77,368	1/4	92,748	1/4	108,128	1/4	123,508	1/4	138,889
1/2	1,288	1/2	16,293	1/2	31,601	1/2	46,928	1/2	62,308	1/2	77,688	1/2	93,068	1/2	108,449	1/2	123,829	1/2	139,209
3/4	1,502	3/4	16,614	3/4	31,921	3/4	47,249	3/4	62,629	3/4	78,009	3/4	93,389	3/4	108,769	3/4	124,149	3/4	139,530
3	1,716	3	16,934	3	32,241	3	47,569	3	62,949	3	78,329	3	93,709	3	109,089	3	124,469	3	139,850
1/4	2,001	1/4	17,253	1/4	32,560	1/4	47,889	1/4	63,269	1/4	78,650	1/4	94,030	1/4	109,410	1/4	124,790	1/4	140,170
1/2	2,285	1/2	17,572	1/2	32,879	1/2	48,210	1/2	63,590	1/2	78,970	1/2	94,350	1/2	109,730	1/2	125,110	1/2	140,491
3/4	2,570	3/4	17,891	3/4	33,198	3/4	48,530	3/4	63,910	3/4	79,291	3/4	94,671	3/4	110,051	3/4	125,431	3/4	140,811
4	2,854	4	18,210	4	33,517	4	48,850	4	64,230	4	79,611	4	94,991	4	110,371	4	125,751	4	141,131
1/4	3,170	1/4	18,524	1/4	33,836	1/4	49,171	1/4	64,551	1/4	79,931	1/4	95,311	1/4	110,692	1/4	126,072	1/4	141,452
1/2	3,486	1/2	18,839	1/2	34,155	1/2	49,491	1/2	64,871	1/2	80,252	1/2	95,632	1/2	111,012	1/2	126,392	1/2	141,772
3/4	3,801	3/4	19,153	3/4	34,474	3/4	49,812	3/4	65,192	3/4	80,572	3/4	95,952	3/4	111,333	3/4	126,713	3/4	142,093
5	4,117	5	19,467	5	34,793	5	50,132	5	65,512	5	80,892	5	96,272	5	111,653	5	127,033	5	142,413
1/4	4,438	1/4	19,782	1/4	35,112	1/4	50,453	1/4	65,833	1/4	81,213	1/4	96,593	1/4	111,973	1/4	127,353	1/4	142,734
1/2	4,758	1/2	20,096	1/2	35,432	1/2	50,773	1/2	66,153	1/2	81,533	1/2	96,913	1/2	112,294	1/2	127,674	1/2	143,054
3/4	5,079	3/4	20,411	3/4	35,751	3/4	51,094	3/4	66,474	3/4	81,854	3/4	97,234	3/4	112,614	3/4	127,994	3/4	143,375
6	5,399	6	20,725	6	36,070	6	51,414	6	66,794	6	82,174	6	97,554	6	112,934	6	128,314	6	143,695
1/4	5,720	1/4	21,041	1/4	36,389	1/4	51,734	1/4	67,114	1/4	82,495	1/4	97,875	1/4	113,255	1/4	128,635	1/4	144,015
1/2	6,040	1/2	21,357	1/2	36,708	1/2	52,055	1/2	67,435	1/2	82,815	1/2	98,195	1/2	113,575	1/2	128,955	1/2	144,336
3/4	6,361	3/4	21,673	3/4	37,027	3/4	52,375	3/4	67,755	3/4	83,136	3/4	98,516	3/4	113,896	3/4	129,276	3/4	144,656
7	6,681	7	21,989	7	37,346	7	52,695	7	68,075	7	83,456	7	98,836	7	114,216	7	129,596	7	144,976
1/4	7,001	1/4	22,309	1/4	37,665	1/4	53,016	1/4	68,396	1/4	83,776	1/4	99,156	1/4	114,537	1/4	129,917	1/4	145,297
1/2	7,322	1/2	22,630	1/2	37,984	1/2	53,336	1/2	68,716	1/2	84,097	1/2	99,477	1/2	114,857	1/2	130,237	1/2	145,617
3/4	7,642	3/4	22,950	3/4	38,303	3/4	53,657	3/4	69,037	3/4	84,417	3/4	99,797	3/4	115,178	3/4	130,558	3/4	145,938
8	7,962	8	23,270	8	38,622	8	53,977	8	69,357	8	84,737	8	100,117	8	115,498	8	130,878	8	146,258
1/4	8,283	1/4	23,591	1/4	38,941	1/4	54,298	1/4	69,678	1/4	85,058	1/4	100,438	1/4	115,818	1/4	131,198	1/4	146,579
1/2	8,603	1/2	23,911	1/2	39,261	1/2	54,618	1/2	69,998	1/2	85,378	1/2	100,758	1/2	116,139	1/2	131,519	1/2	146,899
3/4	8,924	3/4	24,232	3/4	39,580	3/4	54,939	3/4	70,319	3/4	85,699	3/4	101,079	3/4	116,459	3/4	131,839	3/4	147,220
9	9,244	9	24,552	9	39,899	9	55,259	9	70,639	9	86,019	9	101,399	9	116,779	9	132,159	9	147,540
1/4	9,565	1/4	24,873	1/4	40,218	1/4	55,579	1/4	70,959	1/4	86,340	1/4	101,720	1/4	117,100	1/4	132,480	1/4	147,860
1/2	9,885	1/2	25,193	1/2	40,537	1/2	55,900	1/2	71,280	1/2	86,660	1/2	102,040	1/2	117,420	1/2	132,800	1/2	148,181
3/4	10,206	3/4	25,514	3/4	40,856	3/4	56,220	3/4	71,600	3/4	86,981	3/4	102,361	3/4	117,741	3/4	133,121	3/4	148,501
10	10,526	10	25,834	10	41,175	10	56,540	10	71,920	10	87,301	10	102,681	10	118,061	10	133,441	10	148,821
1/4	10,846	1/4	26,154	1/4	41,494	1/4	56,861	1/4	72,241	1/4	87,621	1/4	103,001	1/4	118,382	1/4	133,762	1/4	149,142
1/2	11,167	1/2	26,475	1/2	41,813	1/2	57,181	1/2	72,561	1/2	87,942	1/2	103,322	1/2	118,702	1/2	134,082	1/2	149,462
3/4	11,487	3/4	26,795	3/4	42,132	3/4	57,502	3/4	72,882	3/4	88,262	3/4	103,642	3/4	119,023	3/4	134,403	3/4	149,783
11	11,807	11	27,115	11	42,451	11	57,822	11	73,202	11	88,582	11	103,962	11	119,343	11	134,723	11	150,103
1/4	12,128	1/4	27,436	1/4	42,770	1/4	58,143	1/4	73,523	1/4	88,903	1/4	104,283	1/4	119,663	1/4	135,043	1/4	150,424
1/2	12,448	1/2	27,756	1/2	43,090	1/2	58,463	1/2	73,843	1/2	89,223	1/2	104,603	1/2	119,984	1/2	135,364	1/2	150,744
3/4	12,769	3/4	28,077	3/4	43,409	3/4	58,784	3/4	74,164	3/4	89,544	3/4	104,924	3/4	120,304	3/4	135,684	3/4	151,065

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 AT THE EXPANSION DOME  
 CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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 331"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	151,385	0	166,765	0	182,092	0		0		0		0		0		0		0	
1/4	151,706	1/4	167,085	1/4	182,368	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,027	1/2	167,406	1/2	182,644	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,348	3/4	167,726	3/4	182,919	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	152,669	1	168,046	1	183,195	1		1		1		1		1		1		1	
1/4	152,989	1/4	168,367	1/4	183,435	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,309	1/2	168,687	1/2	183,676	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,628	3/4	169,008	3/4	183,916	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	153,948	2	169,328	2	184,156	2		2		2		2		2		2		2	
1/4	154,269	1/4	169,649	1/4	184,361	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,589	1/2	169,969	1/2	184,566	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,910	3/4	170,290	3/4	184,770	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	155,230	3	170,610	3	184,975	3		3		3		3		3		3		3	
1/4	155,550	1/4	170,931	1/4	185,144	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,871	1/2	171,251	1/2	185,314	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,191	3/4	171,572	3/4	185,483	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	156,511	4	171,892	4	185,652	4		4		4		4		4		4		4	
1/4	156,832	1/4	172,212	1/4	185,786	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,152	1/2	172,533	1/2	185,919	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,473	3/4	172,853	3/4	186,053	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	157,793	5	173,173	5	186,186	5		5		5		5		5		5		5	
1/4	158,114	1/4	173,494	1/4	186,284	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,434	1/2	173,814	1/2	186,382	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,755	3/4	174,135	3/4	186,479	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	159,075	6	174,455	6	186,577	6		6		6		6		6		6		6	
1/4	159,395	1/4	174,776	1/4	186,639	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,716	1/2	175,096	1/2	186,702	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,036	3/4	175,417	3/4	186,764	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	160,356	7	175,737	7	186,826	7		7		7		7		7		7		7	
1/4	160,677	1/4	176,057	1/4	186,853	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,997	1/2	176,378	1/2	186,880	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,318	3/4	176,698	3/4	186,906	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	161,638	8	177,018	8	186,933	8		8		8		8		8		8		8	
1/4	161,959	1/4	177,339	1/4	186,950	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,279	1/2	177,659	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,600	3/4	177,980	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	162,920	9	178,300	9		9		9		9		9		9		9		9	
1/4	163,240	1/4	178,621	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,561	1/2	178,941	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,881	3/4	179,262	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	164,201	10	179,582	10		10		10		10		10		10		10		10	
1/4	164,522	1/4	179,902	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,842	1/2	180,223	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,163	3/4	180,543	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	165,483	11	180,863	11		11		11		11		11		11		11		11	
1/4	165,804	1/4	181,170	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,124	1/2	181,478	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,445	3/4	181,785	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
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PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019



# BARGE "CBC 331"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	65	0	13,329	0	28,921	0	44,534	0	60,195	0	75,859	0	91,524	0	107,189	0	122,853	0	138,518
1/4	126	1/4	13,656	1/4	29,248	1/4	44,860	1/4	60,521	1/4	76,186	1/4	91,850	1/4	107,515	1/4	123,180	1/4	138,844
1/2	187	1/2	13,982	1/2	29,574	1/2	45,185	1/2	60,848	1/2	76,512	1/2	92,177	1/2	107,842	1/2	123,506	1/2	139,171
3/4	247	3/4	14,309	3/4	29,901	3/4	45,511	3/4	61,174	3/4	76,839	3/4	92,503	3/4	108,168	3/4	123,833	3/4	139,497
1	308	1	14,635	1	30,227	1	45,836	1	61,500	1	77,165	1	92,829	1	108,494	1	124,159	1	139,823
1/4	449	1/4	14,961	1/4	30,553	1/4	46,162	1/4	61,827	1/4	77,491	1/4	93,156	1/4	108,820	1/4	124,485	1/4	140,149
1/2	591	1/2	15,288	1/2	30,880	1/2	46,489	1/2	62,153	1/2	77,818	1/2	93,482	1/2	109,147	1/2	124,812	1/2	140,476
3/4	732	3/4	15,614	3/4	31,206	3/4	46,815	3/4	62,480	3/4	78,144	3/4	93,809	3/4	109,473	3/4	125,138	3/4	140,802
2	873	2	15,940	2	31,532	2	47,141	2	62,806	2	78,470	2	94,135	2	109,799	2	125,464	2	141,128
1/4	1,091	1/4	16,266	1/4	31,858	1/4	47,467	1/4	63,132	1/4	78,797	1/4	94,461	1/4	110,126	1/4	125,790	1/4	141,455
1/2	1,310	1/2	16,593	1/2	32,184	1/2	47,794	1/2	63,459	1/2	79,123	1/2	94,788	1/2	110,452	1/2	126,117	1/2	141,781
3/4	1,528	3/4	16,919	3/4	32,510	3/4	48,120	3/4	63,785	3/4	79,450	3/4	95,114	3/4	110,779	3/4	126,443	3/4	142,108
3	1,746	3	17,245	3	32,836	3	48,446	3	64,111	3	79,776	3	95,440	3	111,105	3	126,769	3	142,434
1/4	2,036	1/4	17,570	1/4	33,161	1/4	48,773	1/4	64,437	1/4	80,102	1/4	95,767	1/4	111,431	1/4	127,096	1/4	142,760
1/2	2,325	1/2	17,895	1/2	33,486	1/2	49,099	1/2	64,764	1/2	80,429	1/2	96,093	1/2	111,758	1/2	127,422	1/2	143,087
3/4	2,615	3/4	18,220	3/4	33,811	3/4	49,426	3/4	65,090	3/4	80,755	3/4	96,420	3/4	112,084	3/4	127,749	3/4	143,413
4	2,904	4	18,545	4	34,136	4	49,752	4	65,416	4	81,081	4	96,746	4	112,410	4	128,075	4	143,739
1/4	3,226	1/4	18,865	1/4	34,461	1/4	50,078	1/4	65,743	1/4	81,407	1/4	97,072	1/4	112,736	1/4	128,401	1/4	144,066
1/2	3,548	1/2	19,186	1/2	34,786	1/2	50,405	1/2	66,069	1/2	81,734	1/2	97,399	1/2	113,063	1/2	128,728	1/2	144,392
3/4	3,870	3/4	19,506	3/4	35,111	3/4	50,731	3/4	66,396	3/4	82,060	3/4	97,725	3/4	113,389	3/4	129,054	3/4	144,719
5	4,192	5	19,826	5	35,436	5	51,057	5	66,722	5	82,386	5	98,051	5	113,715	5	129,380	5	145,045
1/4	4,518	1/4	20,146	1/4	35,761	1/4	51,384	1/4	67,048	1/4	82,713	1/4	98,377	1/4	114,042	1/4	129,706	1/4	145,371
1/2	4,845	1/2	20,467	1/2	36,086	1/2	51,710	1/2	67,375	1/2	83,039	1/2	98,704	1/2	114,368	1/2	130,033	1/2	145,698
3/4	5,171	3/4	20,787	3/4	36,410	3/4	52,037	3/4	67,701	3/4	83,366	3/4	99,030	3/4	114,695	3/4	130,359	3/4	146,024
6	5,497	6	21,107	6	36,735	6	52,363	6	68,027	6	83,692	6	99,356	6	115,021	6	130,685	6	146,350
1/4	5,823	1/4	21,429	1/4	37,060	1/4	52,689	1/4	68,354	1/4	84,018	1/4	99,683	1/4	115,347	1/4	131,012	1/4	146,676
1/2	6,150	1/2	21,751	1/2	37,385	1/2	53,016	1/2	68,680	1/2	84,345	1/2	100,009	1/2	115,674	1/2	131,338	1/2	147,003
3/4	6,476	3/4	22,072	3/4	37,710	3/4	53,342	3/4	69,007	3/4	84,671	3/4	100,336	3/4	116,000	3/4	131,665	3/4	147,329
7	6,802	7	22,394	7	38,035	7	53,668	7	69,333	7	84,997	7	100,662	7	116,326	7	131,991	7	147,655
1/4	7,129	1/4	22,721	1/4	38,360	1/4	53,994	1/4	69,659	1/4	85,323	1/4	100,988	1/4	116,653	1/4	132,317	1/4	147,982
1/2	7,455	1/2	23,047	1/2	38,685	1/2	54,321	1/2	69,986	1/2	85,650	1/2	101,315	1/2	116,979	1/2	132,644	1/2	148,308
3/4	7,782	3/4	23,374	3/4	39,010	3/4	54,647	3/4	70,312	3/4	85,976	3/4	101,641	3/4	117,306	3/4	132,970	3/4	148,635
8	8,108	8	23,700	8	39,335	8	54,973	8	70,638	8	86,302	8	101,967	8	117,632	8	133,296	8	148,961
1/4	8,434	1/4	24,026	1/4	39,660	1/4	55,300	1/4	70,964	1/4	86,629	1/4	102,293	1/4	117,958	1/4	133,623	1/4	149,287
1/2	8,761	1/2	24,353	1/2	39,985	1/2	55,626	1/2	71,291	1/2	86,955	1/2	102,620	1/2	118,285	1/2	133,949	1/2	149,614
3/4	9,087	3/4	24,679	3/4	40,310	3/4	55,953	3/4	71,617	3/4	87,282	3/4	102,946	3/4	118,611	3/4	134,276	3/4	149,940
9	9,413	9	25,005	9	40,635	9	56,279	9	71,943	9	87,608	9	103,272	9	118,937	9	134,602	9	150,266
1/4	9,739	1/4	25,331	1/4	40,960	1/4	56,605	1/4	72,270	1/4	87,934	1/4	103,599	1/4	119,263	1/4	134,928	1/4	150,592
1/2	10,066	1/2	25,658	1/2	41,285	1/2	56,932	1/2	72,596	1/2	88,261	1/2	103,925	1/2	119,590	1/2	135,255	1/2	150,919
3/4	10,392	3/4	25,984	3/4	41,610	3/4	57,258	3/4	72,923	3/4	88,587	3/4	104,252	3/4	119,916	3/4	135,581	3/4	151,245
10	10,718	10	26,310	10	41,935	10	57,584	10	73,249	10	88,913	10	104,578	10	120,242	10	135,907	10	151,571
1/4	11,045	1/4	26,637	1/4	42,260	1/4	57,911	1/4	73,575	1/4	89,240	1/4	104,904	1/4	120,569	1/4	136,233	1/4	151,898
1/2	11,371	1/2	26,963	1/2	42,585	1/2	58,237	1/2	73,902	1/2	89,566	1/2	105,231	1/2	120,895	1/2	136,560	1/2	152,224
3/4	11,698	3/4	27,290	3/4	42,910	3/4	58,564	3/4	74,228	3/4	89,893	3/4	105,557	3/4	121,222	3/4	136,886	3/4	152,551
11	12,024	11	27,616	11	43,235	11	58,890	11	74,554	11	90,219	11	105,883	11	121,548	11	137,212	11	152,877
1/4	12,350	1/4	27,942	1/4	43,560	1/4	59,216	1/4	74,880	1/4	90,545	1/4	106,210	1/4	121,874	1/4	137,539	1/4	153,196
1/2	12,677	1/2	28,269	1/2	43,885	1/2	59,543	1/2	75,207	1/2	90,872	1/2	106,536	1/2	122,201	1/2	137,865	1/2	153,514
3/4	13,003	3/4	28,595	3/4	44,209	3/4	59,869	3/4	75,533	3/4	91,198	3/4	106,863	3/4	122,527	3/4	138,192	3/4	153,833

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 AT THE EXPANSION DOME  
 CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 331"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 14'-11"

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	154,151	0	164,919	0	174,486	0		0		0		0		0		0		0	
1/4	154,451	1/4	165,119	1/4	174,658	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,751	1/2	165,319	1/2	174,831	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,051	3/4	165,519	3/4	175,003	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	155,351	1	165,719	1	175,175	1		1		1		1		1		1		1	
1/4	155,630	1/4	165,919	1/4	175,325	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,909	1/2	166,119	1/2	175,476	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,187	3/4	166,319	3/4	175,626	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	156,466	2	166,519	2	175,776	2		2		2		2		2		2		2	
1/4	156,724	1/4	166,719	1/4	175,904	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,982	1/2	166,919	1/2	176,032	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,240	3/4	167,119	3/4	176,159	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	157,498	3	167,319	3	176,287	3		3		3		3		3		3		3	
1/4	157,735	1/4	167,519	1/4	176,393	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,972	1/2	167,719	1/2	176,499	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,208	3/4	167,919	3/4	176,604	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	158,445	4	168,119	4	176,710	4		4		4		4		4		4		4	
1/4	158,661	1/4	168,319	1/4	176,794	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,877	1/2	168,519	1/2	176,877	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,092	3/4	168,718	3/4	176,961	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	159,308	5	168,918	5	177,044	5		5		5		5		5		5		5	
1/4	159,511	1/4	169,118	1/4	177,105	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,714	1/2	169,318	1/2	177,167	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,916	3/4	169,518	3/4	177,228	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	160,119	6	169,718	6	177,289	6		6		6		6		6		6		6	
1/4	160,319	1/4	169,918	1/4	177,328	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,519	1/2	170,118	1/2	177,367	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,719	3/4	170,318	3/4	177,406	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	160,919	7	170,518	7	177,445	7		7		7		7		7		7		7	
1/4	161,119	1/4	170,718	1/4	177,462	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,319	1/2	170,918	1/2	177,479	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,519	3/4	171,118	3/4	177,495	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	161,719	8	171,318	8	177,512	8		8		8		8		8		8		8	
1/4	161,919	1/4	171,518	1/4	177,523	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,119	1/2	171,718	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,319	3/4	171,918	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	162,519	9	172,118	9		9		9		9		9		9		9		9	
1/4	162,719	1/4	172,318	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,919	1/2	172,518	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,119	3/4	172,718	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	163,319	10	172,918	10		10		10		10		10		10		10		10	
1/4	163,519	1/4	173,118	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,719	1/2	173,318	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,919	3/4	173,518	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	164,119	11	173,718	11		11		11		11		11		11		11		11	
1/4	164,319	1/4	173,910	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,519	1/2	174,102	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,719	3/4	174,294	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
REPRINTED: 08/19/2019 PMA

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019



# BARGE "CBC 331"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	65	0	13,329	0	28,921	0	44,534	0	60,195	0	75,859	0	91,524	0	107,189	0	122,853	0	138,518
1/4	126	1/4	13,656	1/4	29,248	1/4	44,860	1/4	60,521	1/4	76,186	1/4	91,850	1/4	107,515	1/4	123,180	1/4	138,844
1/2	187	1/2	13,982	1/2	29,574	1/2	45,185	1/2	60,848	1/2	76,512	1/2	92,177	1/2	107,842	1/2	123,506	1/2	139,171
3/4	247	3/4	14,309	3/4	29,901	3/4	45,511	3/4	61,174	3/4	76,839	3/4	92,503	3/4	108,168	3/4	123,833	3/4	139,497
1	308	1	14,635	1	30,227	1	45,836	1	61,500	1	77,165	1	92,829	1	108,494	1	124,159	1	139,823
1/4	449	1/4	14,961	1/4	30,553	1/4	46,162	1/4	61,827	1/4	77,491	1/4	93,156	1/4	108,820	1/4	124,485	1/4	140,149
1/2	591	1/2	15,288	1/2	30,880	1/2	46,489	1/2	62,153	1/2	77,818	1/2	93,482	1/2	109,147	1/2	124,812	1/2	140,476
3/4	732	3/4	15,614	3/4	31,206	3/4	46,815	3/4	62,480	3/4	78,144	3/4	93,809	3/4	109,473	3/4	125,138	3/4	140,802
2	873	2	15,940	2	31,532	2	47,141	2	62,806	2	78,470	2	94,135	2	109,799	2	125,464	2	141,128
1/4	1,091	1/4	16,266	1/4	31,858	1/4	47,467	1/4	63,132	1/4	78,797	1/4	94,461	1/4	110,126	1/4	125,790	1/4	141,455
1/2	1,310	1/2	16,593	1/2	32,184	1/2	47,794	1/2	63,459	1/2	79,123	1/2	94,788	1/2	110,452	1/2	126,117	1/2	141,781
3/4	1,528	3/4	16,919	3/4	32,510	3/4	48,120	3/4	63,785	3/4	79,450	3/4	95,114	3/4	110,779	3/4	126,443	3/4	142,108
3	1,746	3	17,245	3	32,836	3	48,446	3	64,111	3	79,776	3	95,440	3	111,105	3	126,769	3	142,434
1/4	2,036	1/4	17,570	1/4	33,161	1/4	48,773	1/4	64,437	1/4	80,102	1/4	95,767	1/4	111,431	1/4	127,096	1/4	142,760
1/2	2,325	1/2	17,895	1/2	33,486	1/2	49,099	1/2	64,764	1/2	80,429	1/2	96,093	1/2	111,758	1/2	127,422	1/2	143,087
3/4	2,615	3/4	18,220	3/4	33,811	3/4	49,426	3/4	65,090	3/4	80,755	3/4	96,420	3/4	112,084	3/4	127,749	3/4	143,413
4	2,904	4	18,545	4	34,136	4	49,752	4	65,416	4	81,081	4	96,746	4	112,410	4	128,075	4	143,739
1/4	3,226	1/4	18,865	1/4	34,461	1/4	50,078	1/4	65,743	1/4	81,407	1/4	97,072	1/4	112,736	1/4	128,401	1/4	144,066
1/2	3,548	1/2	19,186	1/2	34,786	1/2	50,405	1/2	66,069	1/2	81,734	1/2	97,399	1/2	113,063	1/2	128,728	1/2	144,392
3/4	3,870	3/4	19,506	3/4	35,111	3/4	50,731	3/4	66,396	3/4	82,060	3/4	97,725	3/4	113,389	3/4	129,054	3/4	144,719
5	4,192	5	19,826	5	35,436	5	51,057	5	66,722	5	82,386	5	98,051	5	113,715	5	129,380	5	145,045
1/4	4,518	1/4	20,146	1/4	35,761	1/4	51,384	1/4	67,048	1/4	82,713	1/4	98,377	1/4	114,042	1/4	129,706	1/4	145,371
1/2	4,845	1/2	20,467	1/2	36,086	1/2	51,710	1/2	67,375	1/2	83,039	1/2	98,704	1/2	114,368	1/2	130,033	1/2	145,698
3/4	5,171	3/4	20,787	3/4	36,410	3/4	52,037	3/4	67,701	3/4	83,366	3/4	99,030	3/4	114,695	3/4	130,359	3/4	146,024
6	5,497	6	21,107	6	36,735	6	52,363	6	68,027	6	83,692	6	99,356	6	115,021	6	130,685	6	146,350
1/4	5,823	1/4	21,429	1/4	37,060	1/4	52,689	1/4	68,354	1/4	84,018	1/4	99,683	1/4	115,347	1/4	131,012	1/4	146,676
1/2	6,150	1/2	21,751	1/2	37,385	1/2	53,016	1/2	68,680	1/2	84,345	1/2	100,009	1/2	115,674	1/2	131,338	1/2	147,003
3/4	6,476	3/4	22,072	3/4	37,710	3/4	53,342	3/4	69,007	3/4	84,671	3/4	100,336	3/4	116,000	3/4	131,665	3/4	147,329
7	6,802	7	22,394	7	38,035	7	53,668	7	69,333	7	84,997	7	100,662	7	116,326	7	131,991	7	147,655
1/4	7,129	1/4	22,721	1/4	38,360	1/4	53,994	1/4	69,659	1/4	85,323	1/4	100,988	1/4	116,653	1/4	132,317	1/4	147,982
1/2	7,455	1/2	23,047	1/2	38,685	1/2	54,321	1/2	69,986	1/2	85,650	1/2	101,315	1/2	116,979	1/2	132,644	1/2	148,308
3/4	7,782	3/4	23,374	3/4	39,010	3/4	54,647	3/4	70,312	3/4	85,976	3/4	101,641	3/4	117,306	3/4	132,970	3/4	148,635
8	8,108	8	23,700	8	39,335	8	54,973	8	70,638	8	86,302	8	101,967	8	117,632	8	133,296	8	148,961
1/4	8,434	1/4	24,026	1/4	39,660	1/4	55,300	1/4	70,964	1/4	86,629	1/4	102,293	1/4	117,958	1/4	133,623	1/4	149,287
1/2	8,761	1/2	24,353	1/2	39,985	1/2	55,626	1/2	71,291	1/2	86,955	1/2	102,620	1/2	118,285	1/2	133,949	1/2	149,614
3/4	9,087	3/4	24,679	3/4	40,310	3/4	55,953	3/4	71,617	3/4	87,282	3/4	102,946	3/4	118,611	3/4	134,276	3/4	149,940
9	9,413	9	25,005	9	40,635	9	56,279	9	71,943	9	87,608	9	103,272	9	118,937	9	134,602	9	150,266
1/4	9,739	1/4	25,331	1/4	40,960	1/4	56,605	1/4	72,270	1/4	87,934	1/4	103,599	1/4	119,263	1/4	134,928	1/4	150,592
1/2	10,066	1/2	25,658	1/2	41,285	1/2	56,932	1/2	72,596	1/2	88,261	1/2	103,925	1/2	119,590	1/2	135,255	1/2	150,919
3/4	10,392	3/4	25,984	3/4	41,610	3/4	57,258	3/4	72,923	3/4	88,587	3/4	104,252	3/4	119,916	3/4	135,581	3/4	151,245
10	10,718	10	26,310	10	41,935	10	57,584	10	73,249	10	88,913	10	104,578	10	120,242	10	135,907	10	151,571
1/4	11,045	1/4	26,637	1/4	42,260	1/4	57,911	1/4	73,575	1/4	89,240	1/4	104,904	1/4	120,569	1/4	136,233	1/4	151,898
1/2	11,371	1/2	26,963	1/2	42,585	1/2	58,237	1/2	73,902	1/2	89,566	1/2	105,231	1/2	120,895	1/2	136,560	1/2	152,224
3/4	11,698	3/4	27,290	3/4	42,910	3/4	58,564	3/4	74,228	3/4	89,893	3/4	105,557	3/4	121,222	3/4	136,886	3/4	152,551
11	12,024	11	27,616	11	43,235	11	58,890	11	74,554	11	90,219	11	105,883	11	121,548	11	137,212	11	152,877
1/4	12,350	1/4	27,942	1/4	43,560	1/4	59,216	1/4	74,880	1/4	90,545	1/4	106,210	1/4	121,874	1/4	137,539	1/4	153,196
1/2	12,677	1/2	28,269	1/2	43,885	1/2	59,543	1/2	75,207	1/2	90,872	1/2	106,536	1/2	122,201	1/2	137,865	1/2	153,514
3/4	13,003	3/4	28,595	3/4	44,209	3/4	59,869	3/4	75,533	3/4	91,198	3/4	106,863	3/4	122,527	3/4	138,192	3/4	153,833

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 AT THE EXPANSION DOME  
 CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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 331"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	154,151	0	164,919	0	174,486	0		0		0		0		0		0		0	
1/4	154,451	1/4	165,119	1/4	174,658	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,751	1/2	165,319	1/2	174,831	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,051	3/4	165,519	3/4	175,003	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	155,351	1	165,719	1	175,175	1		1		1		1		1		1		1	
1/4	155,630	1/4	165,919	1/4	175,325	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,909	1/2	166,119	1/2	175,476	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,187	3/4	166,319	3/4	175,626	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	156,466	2	166,519	2	175,776	2		2		2		2		2		2		2	
1/4	156,724	1/4	166,719	1/4	175,904	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,982	1/2	166,919	1/2	176,032	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,240	3/4	167,119	3/4	176,159	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	157,498	3	167,319	3	176,287	3		3		3		3		3		3		3	
1/4	157,735	1/4	167,519	1/4	176,393	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,972	1/2	167,719	1/2	176,499	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,208	3/4	167,919	3/4	176,604	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	158,445	4	168,119	4	176,710	4		4		4		4		4		4		4	
1/4	158,661	1/4	168,319	1/4	176,794	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,877	1/2	168,519	1/2	176,877	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,092	3/4	168,718	3/4	176,961	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	159,308	5	168,918	5	177,044	5		5		5		5		5		5		5	
1/4	159,511	1/4	169,118	1/4	177,105	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,714	1/2	169,318	1/2	177,167	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,916	3/4	169,518	3/4	177,228	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	160,119	6	169,718	6	177,289	6		6		6		6		6		6		6	
1/4	160,319	1/4	169,918	1/4	177,328	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,519	1/2	170,118	1/2	177,367	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,719	3/4	170,318	3/4	177,406	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	160,919	7	170,518	7	177,445	7		7		7		7		7		7		7	
1/4	161,119	1/4	170,718	1/4	177,462	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,319	1/2	170,918	1/2	177,479	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,519	3/4	171,118	3/4	177,495	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	161,719	8	171,318	8	177,512	8		8		8		8		8		8		8	
1/4	161,919	1/4	171,518	1/4	177,523	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,119	1/2	171,718	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,319	3/4	171,918	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	162,519	9	172,118	9		9		9		9		9		9		9		9	
1/4	162,719	1/4	172,318	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,919	1/2	172,518	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,119	3/4	172,718	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	163,319	10	172,918	10		10		10		10		10		10		10		10	
1/4	163,519	1/4	173,118	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,719	1/2	173,318	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,919	3/4	173,518	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	164,119	11	173,718	11		11		11		11		11		11		11		11	
1/4	164,319	1/4	173,910	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,519	1/2	174,102	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,719	3/4	174,294	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/02/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
REPRINTED: 08/19/2019 PMA

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

# **CBC 331 Ullage**



# BARGE "CBC 330"

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	186,060	0	170,238	0	154,416	0	138,594	0	122,772	0	106,950	0	91,128
1/4		1/4		1/4		1/4	185,731	1/4	169,909	1/4	154,087	1/4	138,265	1/4	122,443	1/4	106,621	1/4	90,799
1/2		1/2		1/2		1/2	185,401	1/2	169,579	1/2	153,757	1/2	137,935	1/2	122,113	1/2	106,291	1/2	90,469
3/4		3/4		3/4		3/4	185,072	3/4	169,250	3/4	153,428	3/4	137,606	3/4	121,784	3/4	105,962	3/4	90,140
1		1		1		1	184,742	1	168,920	1	153,098	1	137,276	1	121,454	1	105,632	1	89,810
1/4		1/4		1/4		1/4	184,412	1/4	168,590	1/4	152,768	1/4	136,946	1/4	121,124	1/4	105,302	1/4	89,480
1/2		1/2		1/2		1/2	184,083	1/2	168,261	1/2	152,439	1/2	136,617	1/2	120,795	1/2	104,973	1/2	89,151
3/4		3/4		3/4		3/4	183,753	3/4	167,931	3/4	152,109	3/4	136,287	3/4	120,465	3/4	104,643	3/4	88,821
2		2		2		2	183,423	2	167,601	2	151,779	2	135,957	2	120,135	2	104,313	2	88,491
1/4		1/4		1/4		1/4	183,094	1/4	167,272	1/4	151,450	1/4	135,628	1/4	119,806	1/4	103,984	1/4	88,162
1/2		1/2		1/2		1/2	182,764	1/2	166,942	1/2	151,120	1/2	135,298	1/2	119,476	1/2	103,654	1/2	87,832
3/4		3/4		3/4		3/4	192,321	3/4	182,435	3/4	166,613	3/4	150,791	3/4	134,969	3/4	119,147	3/4	103,325
3		3		3		3	182,105	3	166,283	3	150,461	3	134,639	3	118,817	3	102,995	3	87,503
1/4		1/4		1/4		1/4	192,276	1/4	181,775	1/4	165,953	1/4	150,131	1/4	134,309	1/4	118,487	1/4	102,665
1/2		1/2		1/2		1/2	192,249	1/2	181,446	1/2	165,624	1/2	149,802	1/2	133,980	1/2	118,158	1/2	102,336
3/4		3/4		3/4		3/4	192,221	3/4	181,116	3/4	165,294	3/4	149,472	3/4	133,650	3/4	117,828	3/4	102,006
4		4		4		4	192,194	4	180,786	4	164,964	4	149,142	4	133,320	4	117,498	4	85,854
1/4		1/4		1/4		1/4	192,130	1/4	180,457	1/4	164,635	1/4	148,813	1/4	132,991	1/4	117,169	1/4	85,525
1/2		1/2		1/2		1/2	192,066	1/2	180,127	1/2	164,305	1/2	148,483	1/2	132,661	1/2	116,839	1/2	85,195
3/4		3/4		3/4		3/4	192,001	3/4	179,798	3/4	163,976	3/4	148,154	3/4	132,332	3/4	116,510	3/4	84,866
5		5		5		5	191,937	5	179,468	5	163,646	5	147,824	5	132,002	5	116,180	5	84,536
1/4		1/4		1/4		1/4	191,837	1/4	179,138	1/4	163,316	1/4	147,494	1/4	131,672	1/4	115,850	1/4	84,206
1/2		1/2		1/2		1/2	191,736	1/2	178,809	1/2	162,987	1/2	147,165	1/2	131,343	1/2	115,521	1/2	83,877
3/4		3/4		3/4		3/4	191,636	3/4	178,479	3/4	162,657	3/4	146,835	3/4	131,013	3/4	115,191	3/4	83,547
6		6		6		6	191,535	6	178,149	6	162,327	6	146,505	6	130,683	6	114,861	6	83,217
1/4		1/4		1/4		1/4	191,398	1/4	177,820	1/4	161,998	1/4	146,176	1/4	130,354	1/4	114,532	1/4	82,888
1/2		1/2		1/2		1/2	191,261	1/2	177,490	1/2	161,668	1/2	145,846	1/2	130,024	1/2	114,202	1/2	82,558
3/4		3/4		3/4		3/4	191,123	3/4	177,161	3/4	161,339	3/4	145,517	3/4	129,695	3/4	113,873	3/4	82,229
7		7		7		7	190,986	7	176,831	7	161,009	7	145,187	7	129,365	7	113,543	7	81,899
1/4		1/4		1/4		1/4	190,812	1/4	176,501	1/4	160,679	1/4	144,857	1/4	129,035	1/4	113,213	1/4	81,569
1/2		1/2		1/2		1/2	190,638	1/2	176,172	1/2	160,350	1/2	144,528	1/2	128,706	1/2	112,884	1/2	81,240
3/4		3/4		3/4		3/4	190,464	3/4	175,842	3/4	160,020	3/4	144,198	3/4	128,376	3/4	112,554	3/4	80,910
8		8		8		8	190,290	8	175,512	8	159,690	8	143,868	8	128,046	8	112,224	8	80,580
1/4		1/4		1/4		1/4	190,080	1/4	175,183	1/4	159,361	1/4	143,539	1/4	127,717	1/4	111,895	1/4	80,251
1/2		1/2		1/2		1/2	189,869	1/2	174,853	1/2	159,031	1/2	143,209	1/2	127,387	1/2	111,565	1/2	79,921
3/4		3/4		3/4		3/4	189,659	3/4	174,524	3/4	158,702	3/4	142,880	3/4	127,058	3/4	111,236	3/4	79,592
9		9		9		9	189,448	9	174,194	9	158,372	9	142,550	9	126,728	9	110,906	9	79,262
1/4		1/4		1/4		1/4	189,201	1/4	173,864	1/4	158,042	1/4	142,220	1/4	126,398	1/4	110,576	1/4	78,932
1/2		1/2		1/2		1/2	188,954	1/2	173,535	1/2	157,713	1/2	141,891	1/2	126,069	1/2	110,247	1/2	78,603
3/4		3/4		3/4		3/4	188,706	3/4	173,205	3/4	157,383	3/4	141,561	3/4	125,739	3/4	109,917	3/4	78,273
10		10		10		10	188,459	10	172,875	10	157,053	10	141,231	10	125,409	10	109,587	10	77,943
1/4		1/4		1/4		1/4	188,175	1/4	172,546	1/4	156,724	1/4	140,902	1/4	125,080	1/4	109,258	1/4	77,614
1/2		1/2		1/2		1/2	187,892	1/2	172,216	1/2	156,394	1/2	140,572	1/2	124,750	1/2	108,928	1/2	77,284
3/4		3/4		3/4		3/4	187,608	3/4	171,887	3/4	156,065	3/4	140,243	3/4	124,421	3/4	108,599	3/4	76,955
11		11		11		11	187,324	11	171,557	11	155,735	11	139,913	11	124,091	11	108,269	11	76,625
1/4		1/4		1/4		1/4	187,008	1/4	171,227	1/4	155,405	1/4	139,583	1/4	123,761	1/4	107,939	1/4	76,295
1/2		1/2		1/2		1/2	186,692	1/2	170,898	1/2	155,076	1/2	139,254	1/2	123,432	1/2	107,610	1/2	75,966
3/4		3/4		3/4		3/4	186,376	3/4	170,568	3/4	154,746	3/4	138,924	3/4	123,102	3/4	107,280	3/4	75,636

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 AT THE EXPANSION DOME

CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 330"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	75,306	0	59,484	0	43,672	0	27,896	0	12,147	0		0		0		0		0	
1/4	74,977	1/4	59,155	1/4	43,344	1/4	27,567	1/4	11,818	1/4		1/4		1/4		1/4		1/4	
1/2	74,647	1/2	58,825	1/2	43,016	1/2	27,237	1/2	11,488	1/2		1/2		1/2		1/2		1/2	
3/4	74,318	3/4	58,496	3/4	42,687	3/4	26,908	3/4	11,159	3/4		3/4		3/4		3/4		3/4	
1	73,988	1	58,166	1	42,359	1	26,578	1	10,829	1		1		1		1		1	
1/4	73,658	1/4	57,836	1/4	42,031	1/4	26,248	1/4	10,499	1/4		1/4		1/4		1/4		1/4	
1/2	73,329	1/2	57,507	1/2	41,703	1/2	25,919	1/2	10,170	1/2		1/2		1/2		1/2		1/2	
3/4	72,999	3/4	57,177	3/4	41,374	3/4	25,589	3/4	9,840	3/4		3/4		3/4		3/4		3/4	
2	72,669	2	56,847	2	41,046	2	25,259	2	9,510	2		2		2		2		2	
1/4	72,340	1/4	56,518	1/4	40,718	1/4	24,930	1/4	9,181	1/4		1/4		1/4		1/4		1/4	
1/2	72,010	1/2	56,188	1/2	40,390	1/2	24,600	1/2	8,851	1/2		1/2		1/2		1/2		1/2	
3/4	71,681	3/4	55,859	3/4	40,061	3/4	24,271	3/4	8,522	3/4		3/4		3/4		3/4		3/4	
3	71,351	3	55,529	3	39,733	3	23,941	3	8,192	3		3		3		3		3	
1/4	71,021	1/4	55,199	1/4	39,405	1/4	23,611	1/4	7,862	1/4		1/4		1/4		1/4		1/4	
1/2	70,692	1/2	54,870	1/2	39,077	1/2	23,282	1/2	7,533	1/2		1/2		1/2		1/2		1/2	
3/4	70,362	3/4	54,540	3/4	38,749	3/4	22,952	3/4	7,203	3/4		3/4		3/4		3/4		3/4	
4	70,032	4	54,210	4	38,421	4	22,622	4	6,873	4		4		4		4		4	
1/4	69,703	1/4	53,881	1/4	38,093	1/4	22,297	1/4	6,544	1/4		1/4		1/4		1/4		1/4	
1/2	69,373	1/2	53,551	1/2	37,765	1/2	21,972	1/2	6,214	1/2		1/2		1/2		1/2		1/2	
3/4	69,044	3/4	53,222	3/4	37,436	3/4	21,647	3/4	5,885	3/4		3/4		3/4		3/4		3/4	
5	68,714	5	52,892	5	37,108	5	21,322	5	5,555	5		5		5		5		5	
1/4	68,384	1/4	52,563	1/4	36,780	1/4	20,999	1/4	5,225	1/4		1/4		1/4		1/4		1/4	
1/2	68,055	1/2	52,233	1/2	36,452	1/2	20,675	1/2	4,896	1/2		1/2		1/2		1/2		1/2	
3/4	67,725	3/4	51,904	3/4	36,123	3/4	20,352	3/4	4,566	3/4		3/4		3/4		3/4		3/4	
6	67,395	6	51,574	6	35,795	6	20,028	6	4,236	6		6		6		6		6	
1/4	67,066	1/4	51,244	1/4	35,467	1/4	19,705	1/4	3,911	1/4		1/4		1/4		1/4		1/4	
1/2	66,736	1/2	50,915	1/2	35,139	1/2	19,381	1/2	3,586	1/2		1/2		1/2		1/2		1/2	
3/4	66,407	3/4	50,585	3/4	34,810	3/4	19,058	3/4	3,261	3/4		3/4		3/4		3/4		3/4	
7	66,077	7	50,255	7	34,482	7	18,734	7	2,936	7		7		7		7		7	
1/4	65,747	1/4	49,926	1/4	34,154	1/4	18,406	1/4	2,643	1/4		1/4		1/4		1/4		1/4	
1/2	65,418	1/2	49,596	1/2	33,826	1/2	18,078	1/2	2,351	1/2		1/2		1/2		1/2		1/2	
3/4	65,088	3/4	49,267	3/4	33,497	3/4	17,749	3/4	2,058	3/4		3/4		3/4		3/4		3/4	
8	64,758	8	48,937	8	33,169	8	17,421	8	1,765	8		8		8		8		8	
1/4	64,429	1/4	48,607	1/4	32,840	1/4	17,092	1/4	1,545	1/4		1/4		1/4		1/4		1/4	
1/2	64,099	1/2	48,278	1/2	32,511	1/2	16,762	1/2	1,324	1/2		1/2		1/2		1/2		1/2	
3/4	63,770	3/4	47,948	3/4	32,181	3/4	16,433	3/4	1,104	3/4		3/4		3/4		3/4		3/4	
9	63,440	9	47,618	9	31,852	9	16,103	9	883	9		9		9		9		9	
1/4	63,110	1/4	47,289	1/4	31,522	1/4	15,773	1/4	740	1/4		1/4		1/4		1/4		1/4	
1/2	62,781	1/2	46,959	1/2	31,193	1/2	15,444	1/2	598	1/2		1/2		1/2		1/2		1/2	
3/4	62,451	3/4	46,630	3/4	30,863	3/4	15,114	3/4	455	3/4		3/4		3/4		3/4		3/4	
10	62,121	10	46,300	10	30,533	10	14,784	10	312	10		10		10		10		10	
1/4	61,792	1/4	45,971	1/4	30,204	1/4	14,455	1/4	251	1/4		1/4		1/4		1/4		1/4	
1/2	61,462	1/2	45,643	1/2	29,874	1/2	14,125	1/2	189	1/2		1/2		1/2		1/2		1/2	
3/4	61,133	3/4	45,314	3/4	29,545	3/4	13,796	3/4	128	3/4		3/4		3/4		3/4		3/4	
11	60,803	11	44,985	11	29,215	11	13,466	11	66	11		11		11		11		11	
1/4	60,473	1/4	44,657	1/4	28,885	1/4	13,136	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	60,144	1/2	44,329	1/2	28,556	1/2	12,807	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,814	3/4	44,000	3/4	28,226	3/4	12,477	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
REPRINTED: 08/19/2019 PMA

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
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<http://www.dmacorp.net>



# BARGE "CBC 330"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	186,060	0	170,238	0	154,416	0	138,594	0	122,772	0	106,950	0	91,128
1/4		1/4		1/4		1/4	185,731	1/4	169,909	1/4	154,087	1/4	138,265	1/4	122,443	1/4	106,621	1/4	90,799
1/2		1/2		1/2		1/2	185,401	1/2	169,579	1/2	153,757	1/2	137,935	1/2	122,113	1/2	106,291	1/2	90,469
3/4		3/4		3/4		3/4	185,072	3/4	169,250	3/4	153,428	3/4	137,606	3/4	121,784	3/4	105,962	3/4	90,140
1		1		1		1	184,742	1	168,920	1	153,098	1	137,276	1	121,454	1	105,632	1	89,810
1/4		1/4		1/4		1/4	184,412	1/4	168,590	1/4	152,768	1/4	136,946	1/4	121,124	1/4	105,302	1/4	89,480
1/2		1/2		1/2		1/2	184,083	1/2	168,261	1/2	152,439	1/2	136,617	1/2	120,795	1/2	104,973	1/2	89,151
3/4		3/4		3/4		3/4	183,753	3/4	167,931	3/4	152,109	3/4	136,287	3/4	120,465	3/4	104,643	3/4	88,821
2		2		2		2	183,423	2	167,601	2	151,779	2	135,957	2	120,135	2	104,313	2	88,491
1/4		1/4		1/4		1/4	183,094	1/4	167,272	1/4	151,450	1/4	135,628	1/4	119,806	1/4	103,984	1/4	88,162
1/2		1/2		1/2		1/2	182,764	1/2	166,942	1/2	151,120	1/2	135,298	1/2	119,476	1/2	103,654	1/2	87,832
3/4		3/4		3/4		3/4	192,321	3/4	182,435	3/4	166,613	3/4	150,791	3/4	134,969	3/4	119,147	3/4	103,325
3		3		3		3	182,105	3	166,283	3	150,461	3	134,639	3	118,817	3	102,995	3	87,503
1/4		1/4		1/4		1/4	192,276	1/4	181,775	1/4	165,953	1/4	150,131	1/4	134,309	1/4	118,487	1/4	102,665
1/2		1/2		1/2		1/2	192,249	1/2	181,446	1/2	165,624	1/2	149,802	1/2	133,980	1/2	118,158	1/2	102,336
3/4		3/4		3/4		3/4	192,221	3/4	181,116	3/4	165,294	3/4	149,472	3/4	133,650	3/4	117,828	3/4	102,006
4		4		4		4	192,194	4	180,786	4	164,964	4	149,142	4	133,320	4	117,498	4	85,854
1/4		1/4		1/4		1/4	192,130	1/4	180,457	1/4	164,635	1/4	148,813	1/4	132,991	1/4	117,169	1/4	85,525
1/2		1/2		1/2		1/2	192,066	1/2	180,127	1/2	164,305	1/2	148,483	1/2	132,661	1/2	116,839	1/2	85,195
3/4		3/4		3/4		3/4	192,001	3/4	179,798	3/4	163,976	3/4	148,154	3/4	132,332	3/4	116,510	3/4	84,866
5		5		5		5	191,937	5	179,468	5	163,646	5	147,824	5	132,002	5	116,180	5	84,536
1/4		1/4		1/4		1/4	191,837	1/4	179,138	1/4	163,316	1/4	147,494	1/4	131,672	1/4	115,850	1/4	84,206
1/2		1/2		1/2		1/2	191,736	1/2	178,809	1/2	162,987	1/2	147,165	1/2	131,343	1/2	115,521	1/2	83,877
3/4		3/4		3/4		3/4	191,636	3/4	178,479	3/4	162,657	3/4	146,835	3/4	131,013	3/4	115,191	3/4	83,547
6		6		6		6	191,535	6	178,149	6	162,327	6	146,505	6	130,683	6	114,861	6	83,217
1/4		1/4		1/4		1/4	191,398	1/4	177,820	1/4	161,998	1/4	146,176	1/4	130,354	1/4	114,532	1/4	82,888
1/2		1/2		1/2		1/2	191,261	1/2	177,490	1/2	161,668	1/2	145,846	1/2	130,024	1/2	114,202	1/2	82,558
3/4		3/4		3/4		3/4	191,123	3/4	177,161	3/4	161,339	3/4	145,517	3/4	129,695	3/4	113,873	3/4	82,229
7		7		7		7	190,986	7	176,831	7	161,009	7	145,187	7	129,365	7	113,543	7	81,899
1/4		1/4		1/4		1/4	190,812	1/4	176,501	1/4	160,679	1/4	144,857	1/4	129,035	1/4	113,213	1/4	81,569
1/2		1/2		1/2		1/2	190,638	1/2	176,172	1/2	160,350	1/2	144,528	1/2	128,706	1/2	112,884	1/2	81,240
3/4		3/4		3/4		3/4	190,464	3/4	175,842	3/4	160,020	3/4	144,198	3/4	128,376	3/4	112,554	3/4	80,910
8		8		8		8	190,290	8	175,512	8	159,690	8	143,868	8	128,046	8	112,224	8	80,580
1/4		1/4		1/4		1/4	190,080	1/4	175,183	1/4	159,361	1/4	143,539	1/4	127,717	1/4	111,895	1/4	80,251
1/2		1/2		1/2		1/2	189,869	1/2	174,853	1/2	159,031	1/2	143,209	1/2	127,387	1/2	111,565	1/2	79,921
3/4		3/4		3/4		3/4	189,659	3/4	174,524	3/4	158,702	3/4	142,880	3/4	127,058	3/4	111,236	3/4	79,592
9		9		9		9	189,448	9	174,194	9	158,372	9	142,550	9	126,728	9	110,906	9	79,262
1/4		1/4		1/4		1/4	189,201	1/4	173,864	1/4	158,042	1/4	142,220	1/4	126,398	1/4	110,576	1/4	78,932
1/2		1/2		1/2		1/2	188,954	1/2	173,535	1/2	157,713	1/2	141,891	1/2	126,069	1/2	110,247	1/2	78,603
3/4		3/4		3/4		3/4	188,706	3/4	173,205	3/4	157,383	3/4	141,561	3/4	125,739	3/4	109,917	3/4	78,273
10		10		10		10	188,459	10	172,875	10	157,053	10	141,231	10	125,409	10	109,587	10	77,943
1/4		1/4		1/4		1/4	188,175	1/4	172,546	1/4	156,724	1/4	140,902	1/4	125,080	1/4	109,258	1/4	77,614
1/2		1/2		1/2		1/2	187,892	1/2	172,216	1/2	156,394	1/2	140,572	1/2	124,750	1/2	108,928	1/2	77,284
3/4		3/4		3/4		3/4	187,608	3/4	171,887	3/4	156,065	3/4	140,243	3/4	124,421	3/4	108,599	3/4	76,955
11		11		11		11	187,324	11	171,557	11	155,735	11	139,913	11	124,091	11	108,269	11	76,625
1/4		1/4		1/4		1/4	187,008	1/4	171,227	1/4	155,405	1/4	139,583	1/4	123,761	1/4	107,939	1/4	76,295
1/2		1/2		1/2		1/2	186,692	1/2	170,898	1/2	155,076	1/2	139,254	1/2	123,432	1/2	107,610	1/2	75,966
3/4		3/4		3/4		3/4	186,376	3/4	170,568	3/4	154,746	3/4	138,924	3/4	123,102	3/4	107,280	3/4	75,636

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 AT THE EXPANSION DOME

CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 330"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	75,306	0	59,484	0	43,672	0	27,896	0	12,147	0		0		0		0		0	
1/4	74,977	1/4	59,155	1/4	43,344	1/4	27,567	1/4	11,818	1/4		1/4		1/4		1/4		1/4	
1/2	74,647	1/2	58,825	1/2	43,016	1/2	27,237	1/2	11,488	1/2		1/2		1/2		1/2		1/2	
3/4	74,318	3/4	58,496	3/4	42,687	3/4	26,908	3/4	11,159	3/4		3/4		3/4		3/4		3/4	
1	73,988	1	58,166	1	42,359	1	26,578	1	10,829	1		1		1		1		1	
1/4	73,658	1/4	57,836	1/4	42,031	1/4	26,248	1/4	10,499	1/4		1/4		1/4		1/4		1/4	
1/2	73,329	1/2	57,507	1/2	41,703	1/2	25,919	1/2	10,170	1/2		1/2		1/2		1/2		1/2	
3/4	72,999	3/4	57,177	3/4	41,374	3/4	25,589	3/4	9,840	3/4		3/4		3/4		3/4		3/4	
2	72,669	2	56,847	2	41,046	2	25,259	2	9,510	2		2		2		2		2	
1/4	72,340	1/4	56,518	1/4	40,718	1/4	24,930	1/4	9,181	1/4		1/4		1/4		1/4		1/4	
1/2	72,010	1/2	56,188	1/2	40,390	1/2	24,600	1/2	8,851	1/2		1/2		1/2		1/2		1/2	
3/4	71,681	3/4	55,859	3/4	40,061	3/4	24,271	3/4	8,522	3/4		3/4		3/4		3/4		3/4	
3	71,351	3	55,529	3	39,733	3	23,941	3	8,192	3		3		3		3		3	
1/4	71,021	1/4	55,199	1/4	39,405	1/4	23,611	1/4	7,862	1/4		1/4		1/4		1/4		1/4	
1/2	70,692	1/2	54,870	1/2	39,077	1/2	23,282	1/2	7,533	1/2		1/2		1/2		1/2		1/2	
3/4	70,362	3/4	54,540	3/4	38,749	3/4	22,952	3/4	7,203	3/4		3/4		3/4		3/4		3/4	
4	70,032	4	54,210	4	38,421	4	22,622	4	6,873	4		4		4		4		4	
1/4	69,703	1/4	53,881	1/4	38,093	1/4	22,297	1/4	6,544	1/4		1/4		1/4		1/4		1/4	
1/2	69,373	1/2	53,551	1/2	37,765	1/2	21,972	1/2	6,214	1/2		1/2		1/2		1/2		1/2	
3/4	69,044	3/4	53,222	3/4	37,436	3/4	21,647	3/4	5,885	3/4		3/4		3/4		3/4		3/4	
5	68,714	5	52,892	5	37,108	5	21,322	5	5,555	5		5		5		5		5	
1/4	68,384	1/4	52,563	1/4	36,780	1/4	20,999	1/4	5,225	1/4		1/4		1/4		1/4		1/4	
1/2	68,055	1/2	52,233	1/2	36,452	1/2	20,675	1/2	4,896	1/2		1/2		1/2		1/2		1/2	
3/4	67,725	3/4	51,904	3/4	36,123	3/4	20,352	3/4	4,566	3/4		3/4		3/4		3/4		3/4	
6	67,395	6	51,574	6	35,795	6	20,028	6	4,236	6		6		6		6		6	
1/4	67,066	1/4	51,244	1/4	35,467	1/4	19,705	1/4	3,911	1/4		1/4		1/4		1/4		1/4	
1/2	66,736	1/2	50,915	1/2	35,139	1/2	19,381	1/2	3,586	1/2		1/2		1/2		1/2		1/2	
3/4	66,407	3/4	50,585	3/4	34,810	3/4	19,058	3/4	3,261	3/4		3/4		3/4		3/4		3/4	
7	66,077	7	50,255	7	34,482	7	18,734	7	2,936	7		7		7		7		7	
1/4	65,747	1/4	49,926	1/4	34,154	1/4	18,406	1/4	2,643	1/4		1/4		1/4		1/4		1/4	
1/2	65,418	1/2	49,596	1/2	33,826	1/2	18,078	1/2	2,351	1/2		1/2		1/2		1/2		1/2	
3/4	65,088	3/4	49,267	3/4	33,497	3/4	17,749	3/4	2,058	3/4		3/4		3/4		3/4		3/4	
8	64,758	8	48,937	8	33,169	8	17,421	8	1,765	8		8		8		8		8	
1/4	64,429	1/4	48,607	1/4	32,840	1/4	17,092	1/4	1,545	1/4		1/4		1/4		1/4		1/4	
1/2	64,099	1/2	48,278	1/2	32,511	1/2	16,762	1/2	1,324	1/2		1/2		1/2		1/2		1/2	
3/4	63,770	3/4	47,948	3/4	32,181	3/4	16,433	3/4	1,104	3/4		3/4		3/4		3/4		3/4	
9	63,440	9	47,618	9	31,852	9	16,103	9	883	9		9		9		9		9	
1/4	63,110	1/4	47,289	1/4	31,522	1/4	15,773	1/4	740	1/4		1/4		1/4		1/4		1/4	
1/2	62,781	1/2	46,959	1/2	31,193	1/2	15,444	1/2	598	1/2		1/2		1/2		1/2		1/2	
3/4	62,451	3/4	46,630	3/4	30,863	3/4	15,114	3/4	455	3/4		3/4		3/4		3/4		3/4	
10	62,121	10	46,300	10	30,533	10	14,784	10	312	10		10		10		10		10	
1/4	61,792	1/4	45,971	1/4	30,204	1/4	14,455	1/4	251	1/4		1/4		1/4		1/4		1/4	
1/2	61,462	1/2	45,643	1/2	29,874	1/2	14,125	1/2	189	1/2		1/2		1/2		1/2		1/2	
3/4	61,133	3/4	45,314	3/4	29,545	3/4	13,796	3/4	128	3/4		3/4		3/4		3/4		3/4	
11	60,803	11	44,985	11	29,215	11	13,466	11	66	11		11		11		11		11	
1/4	60,473	1/4	44,657	1/4	28,885	1/4	13,136	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	60,144	1/2	44,329	1/2	28,556	1/2	12,807	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,814	3/4	44,000	3/4	28,226	3/4	12,477	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
REPRINTED: 08/19/2019 PMA

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019



# BARGE "CBC 330"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		180,882	0	165,508	0	150,125	0	134,743	0	119,361	0	103,978	0	88,596	0
1/4	1/4	1/4	1/4	1/4	1/4	180,566	1/4	165,187	1/4	149,805	1/4	134,422	1/4	119,040	1/4	103,657	1/4	88,275	1/4
1/2	1/2	1/2	1/2	1/2	1/2	180,250	1/2	164,867	1/2	149,485	1/2	134,102	1/2	118,720	1/2	103,337	1/2	87,955	1/2
3/4	3/4	3/4	3/4	3/4	3/4	179,929	3/4	164,546	3/4	149,164	3/4	133,781	3/4	118,399	3/4	103,016	3/4	87,634	3/4
1		1		1		179,609	1	164,226	1	148,844	1	133,461	1	118,079	1	102,696	1	87,314	1
1/4	1/4	1/4	1/4	1/4	1/4	179,288	1/4	163,905	1/4	148,523	1/4	133,140	1/4	117,758	1/4	102,375	1/4	86,993	1/4
1/2	1/2	1/2	1/2	1/2	1/2	178,968	1/2	163,585	1/2	148,203	1/2	132,820	1/2	117,438	1/2	102,055	1/2	86,673	1/2
3/4	3/4	3/4	3/4	3/4	3/4	178,647	3/4	163,264	3/4	147,882	3/4	132,499	3/4	117,117	3/4	101,734	3/4	86,352	3/4
2		2		2		178,327	2	162,944	2	147,562	2	132,179	2	116,797	2	101,414	2	86,032	2
1/4	1/4	1/4	1/4	1/4	1/4	178,006	1/4	162,623	1/4	147,241	1/4	131,858	1/4	116,476	1/4	101,093	1/4	85,711	1/4
1/2	1/2	1/2	1/2	1/2	1/2	177,686	1/2	162,303	1/2	146,921	1/2	131,538	1/2	116,156	1/2	100,773	1/2	85,391	1/2
3/4	3/4	3/4	3/4	186,978	3/4	177,365	3/4	161,982	3/4	146,600	3/4	131,218	3/4	115,835	3/4	100,453	3/4	85,070	3/4
3		3		3		177,045	3	161,662	3	146,280	3	130,897	3	115,515	3	100,132	3	84,750	3
1/4	1/4	1/4	1/4	186,943	1/4	176,724	1/4	161,341	1/4	145,959	1/4	130,577	1/4	115,194	1/4	99,812	1/4	84,429	1/4
1/2	1/2	1/2	1/2	186,925	1/2	176,404	1/2	161,021	1/2	145,639	1/2	130,257	1/2	114,874	1/2	99,492	1/2	84,109	1/2
3/4	3/4	3/4	3/4	186,880	3/4	176,083	3/4	160,701	3/4	145,318	3/4	129,936	3/4	114,553	3/4	99,171	3/4	83,788	3/4
4		4		4		186,836	4	175,763	4	160,380	4	144,998	4	129,616	4	98,851	4	83,468	4
1/4	1/4	1/4	1/4	186,791	1/4	175,442	1/4	160,060	1/4	144,677	1/4	129,295	1/4	113,912	1/4	98,530	1/4	83,147	1/4
1/2	1/2	1/2	1/2	186,747	1/2	175,122	1/2	159,740	1/2	144,357	1/2	128,975	1/2	113,592	1/2	98,210	1/2	82,827	1/2
3/4	3/4	3/4	3/4	186,667	3/4	174,801	3/4	159,419	3/4	144,036	3/4	128,654	3/4	113,271	3/4	97,889	3/4	82,506	3/4
5		5		5		186,587	5	174,481	5	159,099	5	143,716	5	128,334	5	97,569	5	82,186	5
1/4	1/4	1/4	1/4	186,507	1/4	174,160	1/4	158,778	1/4	143,395	1/4	128,013	1/4	112,630	1/4	97,248	1/4	81,865	1/4
1/2	1/2	1/2	1/2	186,427	1/2	173,840	1/2	158,458	1/2	143,075	1/2	127,693	1/2	112,310	1/2	96,928	1/2	81,545	1/2
3/4	3/4	3/4	3/4	186,311	3/4	173,519	3/4	158,137	3/4	142,754	3/4	127,372	3/4	111,989	3/4	96,607	3/4	81,225	3/4
6		6		6		186,195	6	173,199	6	157,817	6	142,434	6	127,052	6	96,287	6	80,904	6
1/4	1/4	1/4	1/4	186,080	1/4	172,878	1/4	157,496	1/4	142,113	1/4	126,731	1/4	111,348	1/4	95,966	1/4	80,584	1/4
1/2	1/2	1/2	1/2	185,964	1/2	172,558	1/2	157,176	1/2	141,793	1/2	126,411	1/2	111,028	1/2	95,646	1/2	80,264	1/2
3/4	3/4	3/4	3/4	185,813	3/4	172,237	3/4	156,855	3/4	141,472	3/4	126,090	3/4	110,708	3/4	95,325	3/4	79,943	3/4
7		7		7		185,661	7	171,917	7	156,535	7	141,152	7	125,770	7	95,005	7	79,623	7
1/4	1/4	1/4	1/4	185,510	1/4	171,596	1/4	156,214	1/4	140,831	1/4	125,449	1/4	110,067	1/4	94,684	1/4	79,302	1/4
1/2	1/2	1/2	1/2	185,359	1/2	171,276	1/2	155,894	1/2	140,511	1/2	125,129	1/2	109,747	1/2	94,364	1/2	78,982	1/2
3/4	3/4	3/4	3/4	185,172	3/4	170,956	3/4	155,573	3/4	140,191	3/4	124,808	3/4	109,426	3/4	94,043	3/4	78,661	3/4
8		8		8		184,985	8	170,635	8	155,253	8	139,870	8	124,488	8	93,723	8	78,341	8
1/4	1/4	1/4	1/4	184,798	1/4	170,315	1/4	154,932	1/4	139,550	1/4	124,167	1/4	108,785	1/4	93,402	1/4	78,020	1/4
1/2	1/2	1/2	1/2	184,611	1/2	169,995	1/2	154,612	1/2	139,230	1/2	123,847	1/2	108,465	1/2	93,082	1/2	77,700	1/2
3/4	3/4	3/4	3/4	184,388	3/4	169,674	3/4	154,291	3/4	138,909	3/4	123,526	3/4	108,144	3/4	92,761	3/4	77,379	3/4
9		9		9		184,166	9	169,354	9	153,971	9	138,589	9	123,206	9	92,441	9	77,059	9
1/4	1/4	1/4	1/4	183,943	1/4	169,033	1/4	153,650	1/4	138,268	1/4	122,885	1/4	107,503	1/4	92,120	1/4	76,738	1/4
1/2	1/2	1/2	1/2	183,721	1/2	168,713	1/2	153,330	1/2	137,948	1/2	122,565	1/2	107,183	1/2	91,800	1/2	76,418	1/2
3/4	3/4	3/4	3/4	183,463	3/4	168,392	3/4	153,009	3/4	137,627	3/4	122,244	3/4	106,862	3/4	91,479	3/4	76,097	3/4
10		10		10		183,205	10	168,072	10	152,689	10	137,307	10	121,924	10	91,159	10	75,777	10
1/4	1/4	1/4	1/4	182,947	1/4	167,751	1/4	152,368	1/4	136,986	1/4	121,603	1/4	106,221	1/4	90,838	1/4	75,456	1/4
1/2	1/2	1/2	1/2	182,689	1/2	167,431	1/2	152,048	1/2	136,666	1/2	121,283	1/2	105,901	1/2	90,518	1/2	75,136	1/2
3/4	3/4	3/4	3/4	182,395	3/4	167,110	3/4	151,727	3/4	136,345	3/4	120,963	3/4	105,580	3/4	90,198	3/4	74,815	3/4
11		11		11		182,101	11	166,790	11	151,407	11	136,025	11	120,642	11	89,877	11	74,495	11
1/4	1/4	1/4	1/4	181,808	1/4	166,469	1/4	151,086	1/4	135,704	1/4	120,322	1/4	104,939	1/4	89,557	1/4	74,174	1/4
1/2	1/2	1/2	1/2	181,514	1/2	166,149	1/2	150,766	1/2	135,384	1/2	120,002	1/2	104,619	1/2	89,237	1/2	73,854	1/2
3/4	3/4	3/4	3/4	181,198	3/4	165,828	3/4	150,446	3/4	135,063	3/4	119,681	3/4	104,298	3/4	88,916	3/4	73,533	3/4

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 AT THE EXPANSION DOME  
 CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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 330"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	73,213	0	57,831	0	42,457	0	27,119	0	11,809	0		0		0		0		0	
1/4	72,892	1/4	57,510	1/4	42,138	1/4	26,799	1/4	11,488	1/4		1/4		1/4		1/4		1/4	
1/2	72,572	1/2	57,190	1/2	41,819	1/2	26,479	1/2	11,168	1/2		1/2		1/2		1/2		1/2	
3/4	72,251	3/4	56,869	3/4	41,500	3/4	26,158	3/4	10,847	3/4		3/4		3/4		3/4		3/4	
1	71,931	1	56,549	1	41,181	1	25,838	1	10,527	1		1		1		1		1	
1/4	71,610	1/4	56,228	1/4	40,862	1/4	25,517	1/4	10,206	1/4		1/4		1/4		1/4		1/4	
1/2	71,290	1/2	55,908	1/2	40,543	1/2	25,197	1/2	9,886	1/2		1/2		1/2		1/2		1/2	
3/4	70,970	3/4	55,587	3/4	40,224	3/4	24,876	3/4	9,565	3/4		3/4		3/4		3/4		3/4	
2	70,649	2	55,267	2	39,904	2	24,556	2	9,245	2		2		2		2		2	
1/4	70,329	1/4	54,946	1/4	39,585	1/4	24,235	1/4	8,924	1/4		1/4		1/4		1/4		1/4	
1/2	70,009	1/2	54,626	1/2	39,266	1/2	23,915	1/2	8,604	1/2		1/2		1/2		1/2		1/2	
3/4	69,688	3/4	54,305	3/4	38,947	3/4	23,594	3/4	8,284	3/4		3/4		3/4		3/4		3/4	
3	69,368	3	53,985	3	38,628	3	23,274	3	7,963	3		3		3		3		3	
1/4	69,047	1/4	53,664	1/4	38,309	1/4	22,953	1/4	7,643	1/4		1/4		1/4		1/4		1/4	
1/2	68,727	1/2	53,344	1/2	37,990	1/2	22,633	1/2	7,323	1/2		1/2		1/2		1/2		1/2	
3/4	68,406	3/4	53,023	3/4	37,671	3/4	22,314	3/4	7,002	3/4		3/4		3/4		3/4		3/4	
4	68,086	4	52,703	4	37,351	4	21,995	4	6,682	4		4		4		4		4	
1/4	67,765	1/4	52,382	1/4	37,032	1/4	21,676	1/4	6,361	1/4		1/4		1/4		1/4		1/4	
1/2	67,445	1/2	52,062	1/2	36,713	1/2	21,357	1/2	6,041	1/2		1/2		1/2		1/2		1/2	
3/4	67,124	3/4	51,741	3/4	36,394	3/4	21,042	3/4	5,720	3/4		3/4		3/4		3/4		3/4	
5	66,804	5	51,421	5	36,075	5	20,728	5	5,400	5		5		5		5		5	
1/4	66,483	1/4	51,100	1/4	35,756	1/4	20,413	1/4	5,079	1/4		1/4		1/4		1/4		1/4	
1/2	66,163	1/2	50,780	1/2	35,437	1/2	20,099	1/2	4,759	1/2		1/2		1/2		1/2		1/2	
3/4	65,842	3/4	50,460	3/4	35,118	3/4	19,784	3/4	4,440	3/4		3/4		3/4		3/4		3/4	
6	65,522	6	50,139	6	34,798	6	19,470	6	4,121	6		6		6		6		6	
1/4	65,201	1/4	49,819	1/4	34,479	1/4	19,155	1/4	3,802	1/4		1/4		1/4		1/4		1/4	
1/2	64,881	1/2	49,499	1/2	34,160	1/2	18,841	1/2	3,483	1/2		1/2		1/2		1/2		1/2	
3/4	64,560	3/4	49,178	3/4	33,841	3/4	18,525	3/4	3,178	3/4		3/4		3/4		3/4		3/4	
7	64,240	7	48,858	7	33,522	7	18,209	7	2,874	7		7		7		7		7	
1/4	63,919	1/4	48,537	1/4	33,203	1/4	17,894	1/4	2,569	1/4		1/4		1/4		1/4		1/4	
1/2	63,599	1/2	48,217	1/2	32,884	1/2	17,578	1/2	2,265	1/2		1/2		1/2		1/2		1/2	
3/4	63,278	3/4	47,896	3/4	32,564	3/4	17,257	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
8	62,958	8	47,576	8	32,245	8	16,937	8	1,756	8		8		8		8		8	
1/4	62,637	1/4	47,255	1/4	31,925	1/4	16,616	1/4	1,502	1/4		1/4		1/4		1/4		1/4	
1/2	62,317	1/2	46,935	1/2	31,606	1/2	16,296	1/2	1,248	1/2		1/2		1/2		1/2		1/2	
3/4	61,996	3/4	46,614	3/4	31,285	3/4	15,975	3/4	1,072	3/4		3/4		3/4		3/4		3/4	
9	61,676	9	46,294	9	30,965	9	15,655	9	896	9		9		9		9		9	
1/4	61,355	1/4	45,973	1/4	30,644	1/4	15,334	1/4	721	1/4		1/4		1/4		1/4		1/4	
1/2	61,035	1/2	45,653	1/2	30,324	1/2	15,014	1/2	545	1/2		1/2		1/2		1/2		1/2	
3/4	60,715	3/4	45,333	3/4	30,003	3/4	14,693	3/4	445	3/4		3/4		3/4		3/4		3/4	
10	60,394	10	45,012	10	29,683	10	14,373	10	344	10		10		10		10		10	
1/4	60,074	1/4	44,692	1/4	29,362	1/4	14,052	1/4	244	1/4		1/4		1/4		1/4		1/4	
1/2	59,754	1/2	44,372	1/2	29,042	1/2	13,732	1/2	144	1/2		1/2		1/2		1/2		1/2	
3/4	59,433	3/4	44,053	3/4	28,721	3/4	13,411	3/4		3/4		3/4		3/4		3/4		3/4	
11	59,113	11	43,734	11	28,401	11	13,091	11		11		11		11		11		11	
1/4	58,792	1/4	43,415	1/4	28,080	1/4	12,770	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	58,472	1/2	43,096	1/2	27,760	1/2	12,450	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	58,151	3/4	42,777	3/4	27,440	3/4	12,129	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
REPRINTED: 08/19/2019 PMA

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019



# BARGE "CBC 330"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 1/2"

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	IN	0
							180,882		165,508		150,125		134,743		119,361		103,978		88,596		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	180,566	1/4	165,187	1/4	149,805	1/4	134,422	1/4	119,040	1/4	103,657	1/4	88,275		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	180,250	1/2	164,867	1/2	149,485	1/2	134,102	1/2	118,720	1/2	103,337	1/2	87,955		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	179,929	3/4	164,546	3/4	149,164	3/4	133,781	3/4	118,399	3/4	103,016	3/4	87,634		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>179,609</b>	<b>1</b>	<b>164,226</b>	<b>1</b>	<b>148,844</b>	<b>1</b>	<b>133,461</b>	<b>1</b>	<b>118,079</b>	<b>1</b>	<b>102,696</b>	<b>1</b>	<b>87,314</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	179,288	1/4	163,905	1/4	148,523	1/4	133,140	1/4	117,758	1/4	102,375	1/4	86,993		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	178,968	1/2	163,585	1/2	148,203	1/2	132,820	1/2	117,438	1/2	102,055	1/2	86,673		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	178,647	3/4	163,264	3/4	147,882	3/4	132,499	3/4	117,117	3/4	101,734	3/4	86,352		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>178,327</b>	<b>2</b>	<b>162,944</b>	<b>2</b>	<b>147,562</b>	<b>2</b>	<b>132,179</b>	<b>2</b>	<b>116,797</b>	<b>2</b>	<b>101,414</b>	<b>2</b>	<b>86,032</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	178,006	1/4	162,623	1/4	147,241	1/4	131,858	1/4	116,476	1/4	101,093	1/4	85,711		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	177,686	1/2	162,303	1/2	146,921	1/2	131,538	1/2	116,156	1/2	100,773	1/2	85,391		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	186,978	3/4	177,365	3/4	161,982	3/4	146,600	3/4	131,218	3/4	115,835	3/4	100,453		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>177,045</b>	<b>3</b>	<b>161,662</b>	<b>3</b>	<b>146,280</b>	<b>3</b>	<b>130,897</b>	<b>3</b>	<b>115,515</b>	<b>3</b>	<b>100,132</b>	<b>3</b>	<b>84,750</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	186,943	1/4	176,724	1/4	161,341	1/4	145,959	1/4	130,577	1/4	115,194	1/4	99,812		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	186,925	1/2	176,404	1/2	161,021	1/2	145,639	1/2	130,257	1/2	114,874	1/2	99,492		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	186,880	3/4	176,083	3/4	160,701	3/4	145,318	3/4	129,936	3/4	114,553	3/4	99,171		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>186,836</b>	<b>4</b>	<b>175,763</b>	<b>4</b>	<b>160,380</b>	<b>4</b>	<b>144,998</b>	<b>4</b>	<b>129,616</b>	<b>4</b>	<b>114,233</b>	<b>4</b>	<b>98,851</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	186,791	1/4	175,442	1/4	160,060	1/4	144,677	1/4	129,295	1/4	113,912	1/4	98,530		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	186,747	1/2	175,122	1/2	159,740	1/2	144,357	1/2	128,975	1/2	113,592	1/2	98,210		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	186,667	3/4	174,801	3/4	159,419	3/4	144,036	3/4	128,654	3/4	113,271	3/4	97,889		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>186,587</b>	<b>5</b>	<b>174,481</b>	<b>5</b>	<b>159,099</b>	<b>5</b>	<b>143,716</b>	<b>5</b>	<b>128,334</b>	<b>5</b>	<b>112,951</b>	<b>5</b>	<b>97,569</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	186,507	1/4	174,160	1/4	158,778	1/4	143,395	1/4	128,013	1/4	112,630	1/4	97,248		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	186,427	1/2	173,840	1/2	158,458	1/2	143,075	1/2	127,693	1/2	112,310	1/2	96,928		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	186,311	3/4	173,519	3/4	158,137	3/4	142,754	3/4	127,372	3/4	111,989	3/4	96,607		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>186,195</b>	<b>6</b>	<b>173,199</b>	<b>6</b>	<b>157,817</b>	<b>6</b>	<b>142,434</b>	<b>6</b>	<b>127,052</b>	<b>6</b>	<b>111,669</b>	<b>6</b>	<b>96,287</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	186,080	1/4	172,878	1/4	157,496	1/4	142,113	1/4	126,731	1/4	111,348	1/4	95,966		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	185,964	1/2	172,558	1/2	157,176	1/2	141,793	1/2	126,411	1/2	111,028	1/2	95,646		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	185,813	3/4	172,237	3/4	156,855	3/4	141,472	3/4	126,090	3/4	110,708	3/4	95,325		
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>185,661</b>	<b>7</b>	<b>171,917</b>	<b>7</b>	<b>156,535</b>	<b>7</b>	<b>141,152</b>	<b>7</b>	<b>125,770</b>	<b>7</b>	<b>110,387</b>	<b>7</b>	<b>95,005</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	185,510	1/4	171,596	1/4	156,214	1/4	140,831	1/4	125,449	1/4	110,067	1/4	94,684		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	185,359	1/2	171,276	1/2	155,894	1/2	140,511	1/2	125,129	1/2	109,747	1/2	94,364		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	185,172	3/4	170,956	3/4	155,573	3/4	140,191	3/4	124,808	3/4	109,426	3/4	94,043		
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>184,985</b>	<b>8</b>	<b>170,635</b>	<b>8</b>	<b>155,253</b>	<b>8</b>	<b>139,870</b>	<b>8</b>	<b>124,488</b>	<b>8</b>	<b>109,106</b>	<b>8</b>	<b>93,723</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	184,798	1/4	170,315	1/4	154,932	1/4	139,550	1/4	124,167	1/4	108,785	1/4	93,402		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	184,611	1/2	169,995	1/2	154,612	1/2	139,230	1/2	123,847	1/2	108,465	1/2	93,082		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	184,388	3/4	169,674	3/4	154,291	3/4	138,909	3/4	123,526	3/4	108,144	3/4	92,761		
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>184,166</b>	<b>9</b>	<b>169,354</b>	<b>9</b>	<b>153,971</b>	<b>9</b>	<b>138,589</b>	<b>9</b>	<b>123,206</b>	<b>9</b>	<b>107,824</b>	<b>9</b>	<b>92,441</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	183,943	1/4	169,033	1/4	153,650	1/4	138,268	1/4	122,885	1/4	107,503	1/4	92,120		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	183,721	1/2	168,713	1/2	153,330	1/2	137,948	1/2	122,565	1/2	107,183	1/2	91,800		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	183,463	3/4	168,392	3/4	153,009	3/4	137,627	3/4	122,244	3/4	106,862	3/4	91,479		
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>183,205</b>	<b>10</b>	<b>168,072</b>	<b>10</b>	<b>152,689</b>	<b>10</b>	<b>137,307</b>	<b>10</b>	<b>121,924</b>	<b>10</b>	<b>106,542</b>	<b>10</b>	<b>91,159</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	182,947	1/4	167,751	1/4	152,368	1/4	136,986	1/4	121,603	1/4	106,221	1/4	90,838		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	182,689	1/2	167,431	1/2	152,048	1/2	136,666	1/2	121,283	1/2	105,901	1/2	90,518		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	182,395	3/4	167,110	3/4	151,727	3/4	136,345	3/4	120,963	3/4	105,580	3/4	90,198		
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>182,101</b>	<b>11</b>	<b>166,790</b>	<b>11</b>	<b>151,407</b>	<b>11</b>	<b>136,025</b>	<b>11</b>	<b>120,642</b>	<b>11</b>	<b>105,260</b>	<b>11</b>	<b>89,877</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	181,808	1/4	166,469	1/4	151,086	1/4	135,704	1/4	120,322	1/4	104,939	1/4	89,557		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	181,514	1/2	166,149	1/2	150,766	1/2	135,384	1/2	120,002	1/2	104,619	1/2	89,237		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	181,198	3/4	165,828	3/4	150,446	3/4	135,063	3/4	119,681	3/4	104,298	3/4	88,916		

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 AT THE EXPANSION DOME  
 CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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 330"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	73,213	0	57,831	0	42,457	0	27,119	0	11,809	0		0		0		0		0	
1/4	72,892	1/4	57,510	1/4	42,138	1/4	26,799	1/4	11,488	1/4		1/4		1/4		1/4		1/4	
1/2	72,572	1/2	57,190	1/2	41,819	1/2	26,479	1/2	11,168	1/2		1/2		1/2		1/2		1/2	
3/4	72,251	3/4	56,869	3/4	41,500	3/4	26,158	3/4	10,847	3/4		3/4		3/4		3/4		3/4	
1	71,931	1	56,549	1	41,181	1	25,838	1	10,527	1		1		1		1		1	
1/4	71,610	1/4	56,228	1/4	40,862	1/4	25,517	1/4	10,206	1/4		1/4		1/4		1/4		1/4	
1/2	71,290	1/2	55,908	1/2	40,543	1/2	25,197	1/2	9,886	1/2		1/2		1/2		1/2		1/2	
3/4	70,970	3/4	55,587	3/4	40,224	3/4	24,876	3/4	9,565	3/4		3/4		3/4		3/4		3/4	
2	70,649	2	55,267	2	39,904	2	24,556	2	9,245	2		2		2		2		2	
1/4	70,329	1/4	54,946	1/4	39,585	1/4	24,235	1/4	8,924	1/4		1/4		1/4		1/4		1/4	
1/2	70,009	1/2	54,626	1/2	39,266	1/2	23,915	1/2	8,604	1/2		1/2		1/2		1/2		1/2	
3/4	69,688	3/4	54,305	3/4	38,947	3/4	23,594	3/4	8,284	3/4		3/4		3/4		3/4		3/4	
3	69,368	3	53,985	3	38,628	3	23,274	3	7,963	3		3		3		3		3	
1/4	69,047	1/4	53,664	1/4	38,309	1/4	22,953	1/4	7,643	1/4		1/4		1/4		1/4		1/4	
1/2	68,727	1/2	53,344	1/2	37,990	1/2	22,633	1/2	7,323	1/2		1/2		1/2		1/2		1/2	
3/4	68,406	3/4	53,023	3/4	37,671	3/4	22,314	3/4	7,002	3/4		3/4		3/4		3/4		3/4	
4	68,086	4	52,703	4	37,351	4	21,995	4	6,682	4		4		4		4		4	
1/4	67,765	1/4	52,382	1/4	37,032	1/4	21,676	1/4	6,361	1/4		1/4		1/4		1/4		1/4	
1/2	67,445	1/2	52,062	1/2	36,713	1/2	21,357	1/2	6,041	1/2		1/2		1/2		1/2		1/2	
3/4	67,124	3/4	51,741	3/4	36,394	3/4	21,042	3/4	5,720	3/4		3/4		3/4		3/4		3/4	
5	66,804	5	51,421	5	36,075	5	20,728	5	5,400	5		5		5		5		5	
1/4	66,483	1/4	51,100	1/4	35,756	1/4	20,413	1/4	5,079	1/4		1/4		1/4		1/4		1/4	
1/2	66,163	1/2	50,780	1/2	35,437	1/2	20,099	1/2	4,759	1/2		1/2		1/2		1/2		1/2	
3/4	65,842	3/4	50,460	3/4	35,118	3/4	19,784	3/4	4,440	3/4		3/4		3/4		3/4		3/4	
6	65,522	6	50,139	6	34,798	6	19,470	6	4,121	6		6		6		6		6	
1/4	65,201	1/4	49,819	1/4	34,479	1/4	19,155	1/4	3,802	1/4		1/4		1/4		1/4		1/4	
1/2	64,881	1/2	49,499	1/2	34,160	1/2	18,841	1/2	3,483	1/2		1/2		1/2		1/2		1/2	
3/4	64,560	3/4	49,178	3/4	33,841	3/4	18,525	3/4	3,178	3/4		3/4		3/4		3/4		3/4	
7	64,240	7	48,858	7	33,522	7	18,209	7	2,874	7		7		7		7		7	
1/4	63,919	1/4	48,537	1/4	33,203	1/4	17,894	1/4	2,569	1/4		1/4		1/4		1/4		1/4	
1/2	63,599	1/2	48,217	1/2	32,884	1/2	17,578	1/2	2,265	1/2		1/2		1/2		1/2		1/2	
3/4	63,278	3/4	47,896	3/4	32,564	3/4	17,257	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
8	62,958	8	47,576	8	32,245	8	16,937	8	1,756	8		8		8		8		8	
1/4	62,637	1/4	47,255	1/4	31,925	1/4	16,616	1/4	1,502	1/4		1/4		1/4		1/4		1/4	
1/2	62,317	1/2	46,935	1/2	31,606	1/2	16,296	1/2	1,248	1/2		1/2		1/2		1/2		1/2	
3/4	61,996	3/4	46,614	3/4	31,285	3/4	15,975	3/4	1,072	3/4		3/4		3/4		3/4		3/4	
9	61,676	9	46,294	9	30,965	9	15,655	9	896	9		9		9		9		9	
1/4	61,355	1/4	45,973	1/4	30,644	1/4	15,334	1/4	721	1/4		1/4		1/4		1/4		1/4	
1/2	61,035	1/2	45,653	1/2	30,324	1/2	15,014	1/2	545	1/2		1/2		1/2		1/2		1/2	
3/4	60,715	3/4	45,333	3/4	30,003	3/4	14,693	3/4	445	3/4		3/4		3/4		3/4		3/4	
10	60,394	10	45,012	10	29,683	10	14,373	10	344	10		10		10		10		10	
1/4	60,074	1/4	44,692	1/4	29,362	1/4	14,052	1/4	244	1/4		1/4		1/4		1/4		1/4	
1/2	59,754	1/2	44,372	1/2	29,042	1/2	13,732	1/2	144	1/2		1/2		1/2		1/2		1/2	
3/4	59,433	3/4	44,053	3/4	28,721	3/4	13,411	3/4		3/4		3/4		3/4		3/4		3/4	
11	59,113	11	43,734	11	28,401	11	13,091	11		11		11		11		11		11	
1/4	58,792	1/4	43,415	1/4	28,080	1/4	12,770	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	58,472	1/2	43,096	1/2	27,760	1/2	12,450	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	58,151	3/4	42,777	3/4	27,440	3/4	12,129	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
REPRINTED: 08/19/2019 PMA

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019



# BARGE "CBC 330"

# 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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		0		0		0	173,214	0	163,648	0	152,433	0	136,819	0	121,199	0	105,579	0	89,960
1/4		1/4		1/4		1/4	173,020	1/4	163,448	1/4	152,113	1/4	136,493	1/4	120,873	1/4	105,254	1/4	89,634
1/2		1/2		1/2		1/2	172,821	1/2	163,249	1/2	151,788	1/2	136,168	1/2	120,548	1/2	104,929	1/2	89,309
3/4		3/4		3/4		3/4	172,622	3/4	163,049	3/4	151,462	3/4	135,842	3/4	120,223	3/4	104,603	3/4	88,984
1		1		1		1	172,422	1	162,850	1	151,137	1	135,517	1	119,897	1	104,278	1	88,658
1/4		1/4		1/4		1/4	172,223	1/4	162,650	1/4	150,811	1/4	135,191	1/4	119,572	1/4	103,952	1/4	88,333
1/2		1/2		1/2		1/2	172,024	1/2	162,451	1/2	150,486	1/2	134,866	1/2	119,247	1/2	103,627	1/2	88,008
3/4		3/4		3/4		3/4	171,824	3/4	162,252	3/4	150,160	3/4	134,541	3/4	118,921	3/4	103,302	3/4	87,682
2		2		2		2	171,625	2	162,052	2	149,835	2	134,215	2	118,596	2	102,976	2	87,357
1/4		1/4		1/4		1/4	171,425	1/4	161,853	1/4	149,509	1/4	133,890	1/4	118,270	1/4	102,651	1/4	87,031
1/2		1/2		1/2		1/2	171,226	1/2	161,654	1/2	149,184	1/2	133,565	1/2	117,945	1/2	102,326	1/2	86,706
3/4		3/4		3/4		3/4	171,026	3/4	161,454	3/4	148,859	3/4	133,239	3/4	117,620	3/4	102,000	3/4	86,380
3		3		3		3	170,827	3	161,255	3	148,533	3	132,914	3	117,294	3	101,675	3	86,055
1/4		1/4		1/4		1/4	170,627	1/4	161,055	1/4	148,208	1/4	132,588	1/4	116,969	1/4	101,349	1/4	85,729
1/2		1/2		1/2		1/2	170,428	1/2	160,856	1/2	147,883	1/2	132,263	1/2	116,644	1/2	101,024	1/2	85,404
3/4		3/4		3/4		3/4	170,229	3/4	160,656	3/4	147,557	3/4	131,937	3/4	116,318	3/4	100,698	3/4	85,079
4		4		4		4	170,029	4	160,457	4	147,232	4	131,612	4	115,993	4	100,373	4	84,753
1/4		1/4		1/4		1/4	170,013	1/4	160,441	1/4	147,216	1/4	131,596	1/4	115,977	1/4	100,357	1/4	84,737
1/2		1/2		1/2		1/2	170,002	1/2	160,430	1/2	147,205	1/2	131,585	1/2	115,966	1/2	100,346	1/2	84,726
3/4		3/4		3/4		3/4	170,000	3/4	160,428	3/4	147,203	3/4	131,583	3/4	115,964	3/4	100,344	3/4	84,724
5		5		5		5	170,000	5	160,428	5	147,203	5	131,583	5	115,964	5	100,344	5	84,724
1/4		1/4		1/4		1/4	170,000	1/4	160,428	1/4	147,203	1/4	131,583	1/4	115,964	1/4	100,344	1/4	84,724
1/2		1/2		1/2		1/2	170,000	1/2	160,428	1/2	147,203	1/2	131,583	1/2	115,964	1/2	100,344	1/2	84,724
3/4		3/4		3/4		3/4	170,000	3/4	160,428	3/4	147,203	3/4	131,583	3/4	115,964	3/4	100,344	3/4	84,724
6		6		6		6	170,000	6	160,428	6	147,203	6	131,583	6	115,964	6	100,344	6	84,724
1/4		1/4		1/4		1/4	170,000	1/4	160,428	1/4	147,203	1/4	131,583	1/4	115,964	1/4	100,344	1/4	84,724
1/2		1/2		1/2		1/2	170,000	1/2	160,428	1/2	147,203	1/2	131,583	1/2	115,964	1/2	100,344	1/2	84,724
3/4		3/4		3/4		3/4	170,000	3/4	160,428	3/4	147,203	3/4	131,583	3/4	115,964	3/4	100,344	3/4	84,724
7		7		7		7	170,000	7	160,428	7	147,203	7	131,583	7	115,964	7	100,344	7	84,724
1/4		1/4		1/4		1/4	170,000	1/4	160,428	1/4	147,203	1/4	131,583	1/4	115,964	1/4	100,344	1/4	84,724
1/2		1/2		1/2		1/2	170,000	1/2	160,428	1/2	147,203	1/2	131,583	1/2	115,964	1/2	100,344	1/2	84,724
3/4		3/4		3/4		3/4	170,000	3/4	160,428	3/4	147,203	3/4	131,583	3/4	115,964	3/4	100,344	3/4	84,724
8		8		8		8	170,000	8	160,428	8	147,203	8	131,583	8	115,964	8	100,344	8	84,724
1/4		1/4		1/4		1/4	170,000	1/4	160,428	1/4	147,203	1/4	131,583	1/4	115,964	1/4	100,344	1/4	84,724
1/2		1/2		1/2		1/2	170,000	1/2	160,428	1/2	147,203	1/2	131,583	1/2	115,964	1/2	100,344	1/2	84,724
3/4		3/4		3/4		3/4	170,000	3/4	160,428	3/4	147,203	3/4	131,583	3/4	115,964	3/4	100,344	3/4	84,724
9		9		9		9	170,000	9	160,428	9	147,203	9	131,583	9	115,964	9	100,344	9	84,724
1/4		1/4		1/4		1/4	170,000	1/4	160,428	1/4	147,203	1/4	131,583	1/4	115,964	1/4	100,344	1/4	84,724
1/2		1/2		1/2		1/2	170,000	1/2	160,428	1/2	147,203	1/2	131,583	1/2	115,964	1/2	100,344	1/2	84,724
3/4		3/4		3/4		3/4	170,000	3/4	160,428	3/4	147,203	3/4	131,583	3/4	115,964	3/4	100,344	3/4	84,724
10		10		10		10	170,000	10	160,428	10	147,203	10	131,583	10	115,964	10	100,344	10	84,724
1/4		1/4		1/4		1/4	170,000	1/4	160,428	1/4	147,203	1/4	131,583	1/4	115,964	1/4	100,344	1/4	84,724
1/2		1/2		1/2		1/2	170,000	1/2	160,428	1/2	147,203	1/2	131,583	1/2	115,964	1/2	100,344	1/2	84,724
3/4		3/4		3/4		3/4	170,000	3/4	160,428	3/4	147,203	3/4	131,583	3/4	115,964	3/4	100,344	3/4	84,724
11		11		11		11	170,000	11	160,428	11	147,203	11	131,583	11	115,964	11	100,344	11	84,724
1/4		1/4		1/4		1/4	170,000	1/4	160,428	1/4	147,203	1/4	131,583	1/4	115,964	1/4	100,344	1/4	84,724
1/2		1/2		1/2		1/2	170,000	1/2	160,428	1/2	147,203	1/2	131,583	1/2	115,964	1/2	100,344	1/2	84,724
3/4		3/4		3/4		3/4	170,000	3/4	160,428	3/4	147,203	3/4	131,583	3/4	115,964	3/4	100,344	3/4	84,724
12		12		12		12	170,000	12	160,428	12	147,203	12	131,583	12	115,964	12	100,344	12	84,724
1/4		1/4		1/4		1/4	170,000	1/4	160,428	1/4	147,203	1/4	131,583	1/4	115,964	1/4	100,344	1/4	84,724
1/2		1/2		1/2		1/2	170,000	1/2	160,428	1/2	147,203	1/2	131,583	1/2	115,964	1/2	100,344	1/2	84,724
3/4		3/4		3/4		3/4	170,000	3/4	160,428	3/4	147,203	3/4	131,583	3/4	115,964	3/4	100,344	3/4	84,724

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 AT THE EXPANSION DOME  
 CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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 330"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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	74,340	0	58,721	0	43,111	0	27,537	0	11,990	0		0		0		0		0	
1/4	74,015	1/4	58,395	1/4	42,787	1/4	27,211	1/4	11,664	1/4		1/4		1/4		1/4		1/4	
1/2	73,690	1/2	58,070	1/2	42,463	1/2	26,886	1/2	11,339	1/2		1/2		1/2		1/2		1/2	
3/4	73,364	3/4	57,744	3/4	42,139	3/4	26,561	3/4	11,013	3/4		3/4		3/4		3/4		3/4	
1	73,039	1	57,419	1	41,814	1	26,235	1	10,688	1		1		1		1		1	
1/4	72,713	1/4	57,093	1/4	41,490	1/4	25,910	1/4	10,362	1/4		1/4		1/4		1/4		1/4	
1/2	72,388	1/2	56,768	1/2	41,166	1/2	25,585	1/2	10,037	1/2		1/2		1/2		1/2		1/2	
3/4	72,062	3/4	56,443	3/4	40,842	3/4	25,259	3/4	9,712	3/4		3/4		3/4		3/4		3/4	
2	71,737	2	56,117	2	40,518	2	24,934	2	9,386	2		2		2		2		2	
1/4	71,411	1/4	55,792	1/4	40,194	1/4	24,608	1/4	9,061	1/4		1/4		1/4		1/4		1/4	
1/2	71,086	1/2	55,467	1/2	39,870	1/2	24,283	1/2	8,736	1/2		1/2		1/2		1/2		1/2	
3/4	70,761	3/4	55,141	3/4	39,546	3/4	23,957	3/4	8,410	3/4		3/4		3/4		3/4		3/4	
3	70,435	3	54,816	3	39,222	3	23,632	3	8,085	3		3		3		3		3	
1/4	70,110	1/4	54,490	1/4	38,898	1/4	23,306	1/4	7,759	1/4		1/4		1/4		1/4		1/4	
1/2	69,785	1/2	54,165	1/2	38,574	1/2	22,981	1/2	7,434	1/2		1/2		1/2		1/2		1/2	
3/4	69,459	3/4	53,840	3/4	38,250	3/4	22,656	3/4	7,108	3/4		3/4		3/4		3/4		3/4	
4	69,134	4	53,514	4	37,926	4	22,330	4	6,783	4		4		4		4		4	
1/4	68,808	1/4	53,189	1/4	37,602	1/4	22,005	1/4	6,457	1/4		1/4		1/4		1/4		1/4	
1/2	68,483	1/2	52,864	1/2	37,278	1/2	21,686	1/2	6,132	1/2		1/2		1/2		1/2		1/2	
3/4	68,158	3/4	52,538	3/4	36,954	3/4	21,366	3/4	5,807	3/4		3/4		3/4		3/4		3/4	
5	67,832	5	52,213	5	36,630	5	21,047	5	5,481	5		5		5		5		5	
1/4	67,507	1/4	51,887	1/4	36,306	1/4	20,727	1/4	5,156	1/4		1/4		1/4		1/4		1/4	
1/2	67,182	1/2	51,562	1/2	35,982	1/2	20,408	1/2	4,831	1/2		1/2		1/2		1/2		1/2	
3/4	66,856	3/4	51,236	3/4	35,658	3/4	20,089	3/4	4,505	3/4		3/4		3/4		3/4		3/4	
6	66,531	6	50,911	6	35,334	6	19,769	6	4,180	6		6		6		6		6	
1/4	66,205	1/4	50,585	1/4	35,010	1/4	19,450	1/4	3,854	1/4		1/4		1/4		1/4		1/4	
1/2	65,880	1/2	50,260	1/2	34,686	1/2	19,131	1/2	3,535	1/2		1/2		1/2		1/2		1/2	
3/4	65,554	3/4	49,935	3/4	34,362	3/4	18,811	3/4	3,216	3/4		3/4		3/4		3/4		3/4	
7	65,229	7	49,609	7	34,038	7	18,492	7	2,896	7		7		7		7		7	
1/4	64,903	1/4	49,284	1/4	33,714	1/4	18,172	1/4	2,577	1/4		1/4		1/4		1/4		1/4	
1/2	64,578	1/2	48,959	1/2	33,390	1/2	17,847	1/2	2,298	1/2		1/2		1/2		1/2		1/2	
3/4	64,253	3/4	48,633	3/4	33,066	3/4	17,522	3/4	2,020	3/4		3/4		3/4		3/4		3/4	
8	63,927	8	48,308	8	32,742	8	17,196	8	1,741	8		8		8		8		8	
1/4	63,602	1/4	47,982	1/4	32,418	1/4	16,871	1/4	1,462	1/4		1/4		1/4		1/4		1/4	
1/2	63,277	1/2	47,657	1/2	32,093	1/2	16,546	1/2	1,265	1/2		1/2		1/2		1/2		1/2	
3/4	62,951	3/4	47,331	3/4	31,767	3/4	16,220	3/4	1,068	3/4		3/4		3/4		3/4		3/4	
9	62,626	9	47,006	9	31,442	9	15,895	9	870	9		9		9		9		9	
1/4	62,300	1/4	46,680	1/4	31,116	1/4	15,569	1/4	673	1/4		1/4		1/4		1/4		1/4	
1/2	61,975	1/2	46,355	1/2	30,791	1/2	15,244	1/2	551	1/2		1/2		1/2		1/2		1/2	
3/4	61,649	3/4	46,030	3/4	30,465	3/4	14,918	3/4	430	3/4		3/4		3/4		3/4		3/4	
10	61,324	10	45,704	10	30,140	10	14,593	10	308	10		10		10		10		10	
1/4	60,998	1/4	45,379	1/4	29,814	1/4	14,267	1/4	186	1/4		1/4		1/4		1/4		1/4	
1/2	60,673	1/2	45,055	1/2	29,489	1/2	13,942	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	60,348	3/4	44,731	3/4	29,164	3/4	13,617	3/4		3/4		3/4		3/4		3/4		3/4	
11	60,022	11	44,407	11	28,838	11	13,291	11		11		11		11		11		11	
1/4	59,697	1/4	44,083	1/4	28,513	1/4	12,966	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59,372	1/2	43,759	1/2	28,188	1/2	12,641	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,046	3/4	43,435	3/4	27,862	3/4	12,315	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
REPRINTED: 08/19/2019 PMA

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019



# BARGE "CBC 330"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	173,214	0	163,648	0	152,433	0	136,819	0	121,199	0	105,579	0	89,960
1/4	1/4	1/4	1/4	1/4	1/4	1/4	173,020	1/4	163,448	1/4	152,113	1/4	136,493	1/4	120,873	1/4	105,254	1/4	89,634
1/2	1/2	1/2	1/2	1/2	1/2	1/2	172,821	1/2	163,249	1/2	151,788	1/2	136,168	1/2	120,548	1/2	104,929	1/2	89,309
3/4	3/4	3/4	3/4	3/4	3/4	3/4	172,622	3/4	163,049	3/4	151,462	3/4	135,842	3/4	120,223	3/4	104,603	3/4	88,984
1	1	1	1	1	1	1	172,422	1	162,850	1	151,137	1	135,517	1	119,897	1	104,278	1	88,658
1/4	1/4	1/4	1/4	1/4	1/4	1/4	172,223	1/4	162,650	1/4	150,811	1/4	135,191	1/4	119,572	1/4	103,952	1/4	88,333
1/2	1/2	1/2	1/2	1/2	1/2	1/2	172,024	1/2	162,451	1/2	150,486	1/2	134,866	1/2	119,247	1/2	103,627	1/2	88,008
3/4	3/4	3/4	3/4	3/4	3/4	3/4	171,824	3/4	162,252	3/4	150,160	3/4	134,541	3/4	118,921	3/4	103,302	3/4	87,682
2	2	2	2	2	2	2	171,625	2	162,052	2	149,835	2	134,215	2	118,596	2	102,976	2	87,357
1/4	1/4	1/4	1/4	1/4	1/4	1/4	171,425	1/4	161,853	1/4	149,509	1/4	133,890	1/4	118,270	1/4	102,651	1/4	87,031
1/2	1/2	1/2	1/2	1/2	1/2	1/2	171,226	1/2	161,654	1/2	149,184	1/2	133,565	1/2	117,945	1/2	102,326	1/2	86,706
3/4	3/4	3/4	3/4	3/4	3/4	3/4	171,026	3/4	161,454	3/4	148,859	3/4	133,239	3/4	117,620	3/4	102,000	3/4	86,380
3	3	3	3	3	3	3	170,827	3	161,255	3	148,533	3	132,914	3	117,294	3	101,675	3	86,055
1/4	1/4	1/4	1/4	1/4	1/4	1/4	170,627	1/4	161,055	1/4	148,208	1/4	132,588	1/4	116,969	1/4	101,349	1/4	85,729
1/2	1/2	1/2	1/2	1/2	1/2	1/2	170,428	1/2	160,856	1/2	147,883	1/2	132,263	1/2	116,644	1/2	101,024	1/2	85,404
3/4	3/4	3/4	3/4	3/4	3/4	3/4	170,229	3/4	160,656	3/4	147,557	3/4	131,937	3/4	116,318	3/4	100,698	3/4	85,079
4	4	4	4	4	4	4	170,029	4	160,457	4	147,232	4	131,612	4	115,993	4	100,373	4	84,753
1/4	1/4	1/4	1/4	1/4	1/4	1/4	170,013	1/4	160,441	1/4	147,216	1/4	131,596	1/4	115,977	1/4	100,357	1/4	84,737
1/2	1/2	1/2	1/2	1/2	1/2	1/2	169,813	1/2	160,241	1/2	146,914	1/2	131,286	1/2	115,667	1/2	100,047	1/2	84,428
3/4	3/4	3/4	3/4	3/4	3/4	3/4	169,614	3/4	160,039	3/4	146,581	3/4	130,961	3/4	115,342	3/4	99,722	3/4	84,103
5	5	5	5	5	5	5	169,414	5	159,835	5	146,255	5	130,636	5	115,016	5	99,397	5	83,777
1/4	1/4	1/4	1/4	1/4	1/4	1/4	169,215	1/4	159,636	1/4	145,930	1/4	130,310	1/4	114,691	1/4	99,071	1/4	83,452
1/2	1/2	1/2	1/2	1/2	1/2	1/2	169,016	1/2	159,436	1/2	145,604	1/2	129,985	1/2	114,365	1/2	98,746	1/2	83,126
3/4	3/4	3/4	3/4	3/4	3/4	3/4	168,817	3/4	159,236	3/4	145,279	3/4	129,660	3/4	114,040	3/4	98,421	3/4	82,801
6	6	6	6	6	6	6	168,617	6	159,036	6	144,954	6	129,334	6	113,715	6	98,095	6	82,475
1/4	1/4	1/4	1/4	1/4	1/4	1/4	168,418	1/4	158,836	1/4	144,628	1/4	129,009	1/4	113,389	1/4	97,770	1/4	82,150
1/2	1/2	1/2	1/2	1/2	1/2	1/2	168,219	1/2	158,636	1/2	144,303	1/2	128,683	1/2	113,064	1/2	97,444	1/2	81,824
3/4	3/4	3/4	3/4	3/4	3/4	3/4	168,020	3/4	158,436	3/4	143,978	3/4	128,358	3/4	112,739	3/4	97,119	3/4	81,499
7	7	7	7	7	7	7	167,820	7	158,236	7	143,652	7	128,033	7	112,413	7	96,793	7	81,174
1/4	1/4	1/4	1/4	1/4	1/4	1/4	167,621	1/4	158,036	1/4	143,327	1/4	127,707	1/4	112,088	1/4	96,468	1/4	80,848
1/2	1/2	1/2	1/2	1/2	1/2	1/2	167,422	1/2	157,836	1/2	143,001	1/2	127,382	1/2	111,762	1/2	96,142	1/2	80,523
3/4	3/4	3/4	3/4	3/4	3/4	3/4	167,223	3/4	157,636	3/4	142,676	3/4	127,057	3/4	111,437	3/4	95,817	3/4	80,198
8	8	8	8	8	8	8	167,023	8	157,436	8	142,351	8	126,731	8	111,111	8	95,492	8	79,872
1/4	1/4	1/4	1/4	1/4	1/4	1/4	166,824	1/4	157,236	1/4	142,025	1/4	126,406	1/4	110,786	1/4	95,166	1/4	79,547
1/2	1/2	1/2	1/2	1/2	1/2	1/2	166,625	1/2	157,036	1/2	141,700	1/2	126,080	1/2	110,460	1/2	94,841	1/2	79,221
3/4	3/4	3/4	3/4	3/4	3/4	3/4	166,426	3/4	156,836	3/4	141,375	3/4	125,755	3/4	110,135	3/4	94,516	3/4	78,896
9	9	9	9	9	9	9	166,226	9	156,636	9	141,049	9	125,429	9	109,810	9	94,190	9	78,571
1/4	1/4	1/4	1/4	1/4	1/4	1/4	166,027	1/4	156,436	1/4	140,724	1/4	125,104	1/4	109,484	1/4	93,865	1/4	78,245
1/2	1/2	1/2	1/2	1/2	1/2	1/2	165,828	1/2	156,236	1/2	140,398	1/2	124,778	1/2	109,159	1/2	93,539	1/2	77,920
3/4	3/4	3/4	3/4	3/4	3/4	3/4	165,629	3/4	156,036	3/4	140,073	3/4	124,453	3/4	108,831	3/4	93,214	3/4	77,595
10	10	10	10	10	10	10	165,429	10	155,836	10	139,747	10	124,128	10	108,503	10	92,889	10	77,269
1/4	1/4	1/4	1/4	1/4	1/4	1/4	165,230	1/4	155,636	1/4	139,422	1/4	123,802	1/4	108,175	1/4	92,563	1/4	76,944
1/2	1/2	1/2	1/2	1/2	1/2	1/2	165,031	1/2	155,436	1/2	139,096	1/2	123,477	1/2	107,847	1/2	92,238	1/2	76,618
3/4	3/4	3/4	3/4	3/4	3/4	3/4	164,832	3/4	155,236	3/4	138,771	3/4	123,152	3/4	107,524	3/4	91,913	3/4	76,293
11	11	11	11	11	11	11	164,632	11	155,036	11	138,446	11	122,826	11	107,201	11	91,587	11	75,967
1/4	1/4	1/4	1/4	1/4	1/4	1/4	164,433	1/4	154,836	1/4	138,120	1/4	122,501	1/4	106,878	1/4	91,262	1/4	75,642
1/2	1/2	1/2	1/2	1/2	1/2	1/2	164,234	1/2	154,636	1/2	137,795	1/2	122,175	1/2	106,555	1/2	90,936	1/2	75,316
3/4	3/4	3/4	3/4	3/4	3/4	3/4	164,035	3/4	154,436	3/4	137,470	3/4	121,850	3/4	106,230	3/4	90,611	3/4	74,991
12	12	12	12	12	12	12	163,835	12	154,236	12	137,144	12	121,524	12	105,905	12	90,285	12	74,666

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 AT THE EXPANSION DOME  
 CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "CBC 330"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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	74,340	0	58,721	0	43,111	0	27,537	0	11,990	0		0		0		0		0	
1/4	74,015	1/4	58,395	1/4	42,787	1/4	27,211	1/4	11,664	1/4		1/4		1/4		1/4		1/4	
1/2	73,690	1/2	58,070	1/2	42,463	1/2	26,886	1/2	11,339	1/2		1/2		1/2		1/2		1/2	
3/4	73,364	3/4	57,744	3/4	42,139	3/4	26,561	3/4	11,013	3/4		3/4		3/4		3/4		3/4	
1	73,039	1	57,419	1	41,814	1	26,235	1	10,688	1		1		1		1		1	
1/4	72,713	1/4	57,093	1/4	41,490	1/4	25,910	1/4	10,362	1/4		1/4		1/4		1/4		1/4	
1/2	72,388	1/2	56,768	1/2	41,166	1/2	25,585	1/2	10,037	1/2		1/2		1/2		1/2		1/2	
3/4	72,062	3/4	56,443	3/4	40,842	3/4	25,259	3/4	9,712	3/4		3/4		3/4		3/4		3/4	
2	71,737	2	56,117	2	40,518	2	24,934	2	9,386	2		2		2		2		2	
1/4	71,411	1/4	55,792	1/4	40,194	1/4	24,608	1/4	9,061	1/4		1/4		1/4		1/4		1/4	
1/2	71,086	1/2	55,467	1/2	39,870	1/2	24,283	1/2	8,736	1/2		1/2		1/2		1/2		1/2	
3/4	70,761	3/4	55,141	3/4	39,546	3/4	23,957	3/4	8,410	3/4		3/4		3/4		3/4		3/4	
3	70,435	3	54,816	3	39,222	3	23,632	3	8,085	3		3		3		3		3	
1/4	70,110	1/4	54,490	1/4	38,898	1/4	23,306	1/4	7,759	1/4		1/4		1/4		1/4		1/4	
1/2	69,785	1/2	54,165	1/2	38,574	1/2	22,981	1/2	7,434	1/2		1/2		1/2		1/2		1/2	
3/4	69,459	3/4	53,840	3/4	38,250	3/4	22,656	3/4	7,108	3/4		3/4		3/4		3/4		3/4	
4	69,134	4	53,514	4	37,926	4	22,330	4	6,783	4		4		4		4		4	
1/4	68,808	1/4	53,189	1/4	37,602	1/4	22,005	1/4	6,457	1/4		1/4		1/4		1/4		1/4	
1/2	68,483	1/2	52,864	1/2	37,278	1/2	21,686	1/2	6,132	1/2		1/2		1/2		1/2		1/2	
3/4	68,158	3/4	52,538	3/4	36,954	3/4	21,366	3/4	5,807	3/4		3/4		3/4		3/4		3/4	
5	67,832	5	52,213	5	36,630	5	21,047	5	5,481	5		5		5		5		5	
1/4	67,507	1/4	51,887	1/4	36,306	1/4	20,727	1/4	5,156	1/4		1/4		1/4		1/4		1/4	
1/2	67,182	1/2	51,562	1/2	35,982	1/2	20,408	1/2	4,831	1/2		1/2		1/2		1/2		1/2	
3/4	66,856	3/4	51,236	3/4	35,658	3/4	20,089	3/4	4,505	3/4		3/4		3/4		3/4		3/4	
6	66,531	6	50,911	6	35,334	6	19,769	6	4,180	6		6		6		6		6	
1/4	66,205	1/4	50,585	1/4	35,010	1/4	19,450	1/4	3,854	1/4		1/4		1/4		1/4		1/4	
1/2	65,880	1/2	50,260	1/2	34,686	1/2	19,131	1/2	3,535	1/2		1/2		1/2		1/2		1/2	
3/4	65,554	3/4	49,935	3/4	34,362	3/4	18,811	3/4	3,216	3/4		3/4		3/4		3/4		3/4	
7	65,229	7	49,609	7	34,038	7	18,492	7	2,896	7		7		7		7		7	
1/4	64,903	1/4	49,284	1/4	33,714	1/4	18,172	1/4	2,577	1/4		1/4		1/4		1/4		1/4	
1/2	64,578	1/2	48,959	1/2	33,390	1/2	17,847	1/2	2,298	1/2		1/2		1/2		1/2		1/2	
3/4	64,253	3/4	48,633	3/4	33,066	3/4	17,522	3/4	2,020	3/4		3/4		3/4		3/4		3/4	
8	63,927	8	48,308	8	32,742	8	17,196	8	1,741	8		8		8		8		8	
1/4	63,602	1/4	47,982	1/4	32,418	1/4	16,871	1/4	1,462	1/4		1/4		1/4		1/4		1/4	
1/2	63,277	1/2	47,657	1/2	32,093	1/2	16,546	1/2	1,265	1/2		1/2		1/2		1/2		1/2	
3/4	62,951	3/4	47,331	3/4	31,767	3/4	16,220	3/4	1,068	3/4		3/4		3/4		3/4		3/4	
9	62,626	9	47,006	9	31,442	9	15,895	9	870	9		9		9		9		9	
1/4	62,300	1/4	46,680	1/4	31,116	1/4	15,569	1/4	673	1/4		1/4		1/4		1/4		1/4	
1/2	61,975	1/2	46,355	1/2	30,791	1/2	15,244	1/2	551	1/2		1/2		1/2		1/2		1/2	
3/4	61,649	3/4	46,030	3/4	30,465	3/4	14,918	3/4	430	3/4		3/4		3/4		3/4		3/4	
10	61,324	10	45,704	10	30,140	10	14,593	10	308	10		10		10		10		10	
1/4	60,998	1/4	45,379	1/4	29,814	1/4	14,267	1/4	186	1/4		1/4		1/4		1/4		1/4	
1/2	60,673	1/2	45,055	1/2	29,489	1/2	13,942	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	60,348	3/4	44,731	3/4	29,164	3/4	13,617	3/4		3/4		3/4		3/4		3/4		3/4	
11	60,022	11	44,407	11	28,838	11	13,291	11		11		11		11		11		11	
1/4	59,697	1/4	44,083	1/4	28,513	1/4	12,966	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59,372	1/2	43,759	1/2	28,188	1/2	12,641	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,046	3/4	43,435	3/4	27,862	3/4	12,315	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1999 INSP  
RECALCULATED: 08/17/2019 PMA  
REPRINTED: 08/19/2019 PMA

PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

# **CBC 331 Fuel Strapping Table**

IN GALLONS

**CBC 329-CBC 338**

Feet Inches	0	1	2	3
0	0	3456	6912	10368
1	288	3744	7200	10656
2	576	4032	7488	10944
3	864	4320	7776	11232
4	1152	4608	8064	11520
5	1440	4896	8352	11808
6	1728	5184	8640	
7	2016	5472	8928	
8	2304	5760	9216	
9	2592	6048	9504	
10	2880	6336	9792	
11	3168	6624	10080	