



BARGE "CBC 331"

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	185,425	0	169,657	0	153,889	0	138,121	0	122,353	0	106,585	0	90,817
1/4		1/4		1/4		1/4	185,097	1/4	169,329	1/4	153,561	1/4	137,793	1/4	122,025	1/4	106,257	1/4	90,489
1/2		1/2		1/2		1/2	184,768	1/2	169,000	1/2	153,232	1/2	137,464	1/2	121,696	1/2	105,928	1/2	90,160
3/4		3/4		3/4		3/4	184,440	3/4	168,672	3/4	152,904	3/4	137,136	3/4	121,368	3/4	105,600	3/4	89,832
1		1		1		1	184,111	1	168,343	1	152,575	1	136,807	1	121,039	1	105,271	1	89,503
1/4		1/4		1/4		1/4	183,783	1/4	168,015	1/4	152,247	1/4	136,479	1/4	120,711	1/4	104,943	1/4	89,175
1/2		1/2		1/2		1/2	183,454	1/2	167,686	1/2	151,918	1/2	136,150	1/2	120,382	1/2	104,614	1/2	88,846
3/4		3/4		3/4		3/4	183,126	3/4	167,358	3/4	151,590	3/4	135,822	3/4	120,054	3/4	104,286	3/4	88,518
2		2		2		2	182,797	2	167,029	2	151,261	2	135,493	2	119,725	2	103,957	2	88,189
1/4		1/4		1/4		1/4	182,469	1/4	166,701	1/4	150,933	1/4	135,165	1/4	119,397	1/4	103,629	1/4	87,861
1/2		1/2		1/2		1/2	182,140	1/2	166,372	1/2	150,604	1/2	134,836	1/2	119,068	1/2	103,300	1/2	87,532
3/4		3/4		3/4		3/4	191,665	3/4	181,812	3/4	166,044	3/4	150,276	3/4	134,508	3/4	118,740	3/4	87,204
3		3		3		3	181,647	3	165,715	3	149,947	3	134,179	3	118,411	3	102,643	3	86,875
1/4		1/4		1/4		1/4	191,620	1/4	181,155	1/4	165,387	1/4	133,851	1/4	118,083	1/4	102,315	1/4	86,547
1/2		1/2		1/2		1/2	191,593	1/2	180,826	1/2	165,058	1/2	133,522	1/2	117,754	1/2	101,986	1/2	86,218
3/4		3/4		3/4		3/4	191,565	3/4	180,498	3/4	164,730	3/4	133,194	3/4	117,426	3/4	101,658	3/4	85,890
4		4		4		4	191,538	4	180,169	4	164,401	4	132,865	4	117,097	4	101,329	4	85,561
1/4		1/4		1/4		1/4	191,474	1/4	179,841	1/4	164,073	1/4	132,537	1/4	116,769	1/4	101,001	1/4	85,233
1/2		1/2		1/2		1/2	191,410	1/2	179,512	1/2	163,744	1/2	132,208	1/2	116,440	1/2	100,672	1/2	84,904
3/4		3/4		3/4		3/4	191,346	3/4	179,184	3/4	163,416	3/4	131,880	3/4	116,112	3/4	100,344	3/4	84,576
5		5		5		5	191,282	5	178,855	5	163,087	5	131,551	5	115,783	5	100,015	5	84,247
1/4		1/4		1/4		1/4	191,182	1/4	178,527	1/4	162,759	1/4	131,223	1/4	115,455	1/4	99,687	1/4	83,919
1/2		1/2		1/2		1/2	191,082	1/2	178,198	1/2	162,430	1/2	130,894	1/2	115,126	1/2	99,358	1/2	83,590
3/4		3/4		3/4		3/4	190,981	3/4	177,870	3/4	162,102	3/4	130,566	3/4	114,798	3/4	99,030	3/4	83,262
6		6		6		6	190,881	6	177,541	6	161,773	6	130,237	6	114,469	6	98,701	6	82,933
1/4		1/4		1/4		1/4	190,744	1/4	177,213	1/4	161,445	1/4	129,909	1/4	114,141	1/4	98,373	1/4	82,605
1/2		1/2		1/2		1/2	190,608	1/2	176,884	1/2	161,116	1/2	129,580	1/2	113,812	1/2	98,044	1/2	82,276
3/4		3/4		3/4		3/4	190,471	3/4	176,556	3/4	160,788	3/4	129,252	3/4	113,484	3/4	97,716	3/4	81,948
7		7		7		7	190,334	7	176,227	7	160,459	7	128,923	7	113,155	7	97,387	7	81,619
1/4		1/4		1/4		1/4	190,161	1/4	175,899	1/4	160,131	1/4	128,595	1/4	112,827	1/4	97,059	1/4	81,291
1/2		1/2		1/2		1/2	189,987	1/2	175,570	1/2	159,802	1/2	128,266	1/2	112,498	1/2	96,730	1/2	80,962
3/4		3/4		3/4		3/4	189,814	3/4	175,242	3/4	159,474	3/4	127,938	3/4	112,170	3/4	96,402	3/4	80,634
8		8		8		8	189,640	8	174,913	8	159,145	8	127,609	8	111,841	8	96,073	8	80,305
1/4		1/4		1/4		1/4	189,430	1/4	174,585	1/4	158,817	1/4	127,281	1/4	111,513	1/4	95,745	1/4	79,977
1/2		1/2		1/2		1/2	189,221	1/2	174,256	1/2	158,488	1/2	126,952	1/2	111,184	1/2	95,416	1/2	79,648
3/4		3/4		3/4		3/4	189,011	3/4	173,928	3/4	158,160	3/4	126,624	3/4	110,856	3/4	95,088	3/4	79,320
9		9		9		9	188,801	9	173,599	9	157,831	9	126,295	9	110,527	9	94,759	9	78,991
1/4		1/4		1/4		1/4	188,555	1/4	173,271	1/4	157,503	1/4	125,967	1/4	110,199	1/4	94,431	1/4	78,663
1/2		1/2		1/2		1/2	188,309	1/2	172,943	1/2	157,174	1/2	125,638	1/2	109,870	1/2	94,102	1/2	78,334
3/4		3/4		3/4		3/4	188,062	3/4	172,614	3/4	156,846	3/4	125,310	3/4	109,542	3/4	93,774	3/4	78,006
10		10		10		10	187,816	10	172,286	10	156,517	10	124,981	10	109,213	10	93,445	10	77,677
1/4		1/4		1/4		1/4	187,533	1/4	171,957	1/4	156,189	1/4	124,653	1/4	108,885	1/4	93,117	1/4	77,349
1/2		1/2		1/2		1/2	187,250	1/2	171,629	1/2	155,860	1/2	124,324	1/2	108,556	1/2	92,788	1/2	77,020
3/4		3/4		3/4		3/4	186,967	3/4	171,300	3/4	155,532	3/4	123,996	3/4	108,228	3/4	92,460	3/4	76,692
11		11		11		11	186,684	11	170,971	11	155,203	11	123,667	11	107,899	11	92,131	11	76,363
1/4		1/4		1/4		1/4	186,369	1/4	170,643	1/4	154,875	1/4	123,339	1/4	107,571	1/4	91,803	1/4	76,035
1/2		1/2		1/2		1/2	186,055	1/2	170,314	1/2	154,546	1/2	123,010	1/2	107,242	1/2	91,474	1/2	75,706
3/4		3/4		3/4		3/4	185,740	3/4	169,986	3/4	154,218	3/4	122,682	3/4	106,914	3/4	91,146	3/4	75,378

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 331"

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	75,049	0	59,281	0	43,523	0	27,801	0	12,106	0		0		0		0		0	
1/4	74,721	1/4	58,953	1/4	43,196	1/4	27,473	1/4	11,778	1/4		1/4		1/4		1/4		1/4	
1/2	74,392	1/2	58,624	1/2	42,869	1/2	27,144	1/2	11,449	1/2		1/2		1/2		1/2		1/2	
3/4	74,064	3/4	58,296	3/4	42,542	3/4	26,816	3/4	11,121	3/4		3/4		3/4		3/4		3/4	
1	73,735	1	57,967	1	42,215	1	26,487	1	10,792	1		1		1		1		1	
1/4	73,407	1/4	57,639	1/4	41,888	1/4	26,159	1/4	10,464	1/4		1/4		1/4		1/4		1/4	
1/2	73,078	1/2	57,310	1/2	41,561	1/2	25,830	1/2	10,135	1/2		1/2		1/2		1/2		1/2	
3/4	72,750	3/4	56,982	3/4	41,233	3/4	25,502	3/4	9,807	3/4		3/4		3/4		3/4		3/4	
2	72,421	2	56,653	2	40,906	2	25,173	2	9,478	2		2		2		2		2	
1/4	72,093	1/4	56,325	1/4	40,579	1/4	24,845	1/4	9,150	1/4		1/4		1/4		1/4		1/4	
1/2	71,764	1/2	55,996	1/2	40,252	1/2	24,516	1/2	8,821	1/2		1/2		1/2		1/2		1/2	
3/4	71,436	3/4	55,668	3/4	39,925	3/4	24,188	3/4	8,493	3/4		3/4		3/4		3/4		3/4	
3	71,107	3	55,339	3	39,598	3	23,859	3	8,164	3		3		3		3		3	
1/4	70,779	1/4	55,011	1/4	39,271	1/4	23,531	1/4	7,836	1/4		1/4		1/4		1/4		1/4	
1/2	70,450	1/2	54,682	1/2	38,944	1/2	23,202	1/2	7,507	1/2		1/2		1/2		1/2		1/2	
3/4	70,122	3/4	54,354	3/4	38,616	3/4	22,874	3/4	7,179	3/4		3/4		3/4		3/4		3/4	
4	69,793	4	54,025	4	38,289	4	22,545	4	6,850	4		4		4		4		4	
1/4	69,465	1/4	53,697	1/4	37,962	1/4	22,221	1/4	6,522	1/4		1/4		1/4		1/4		1/4	
1/2	69,136	1/2	53,369	1/2	37,635	1/2	21,897	1/2	6,193	1/2		1/2		1/2		1/2		1/2	
3/4	68,808	3/4	53,040	3/4	37,308	3/4	21,573	3/4	5,865	3/4		3/4		3/4		3/4		3/4	
5	68,479	5	52,712	5	36,981	5	21,249	5	5,536	5		5		5		5		5	
1/4	68,151	1/4	52,384	1/4	36,654	1/4	20,927	1/4	5,208	1/4		1/4		1/4		1/4		1/4	
1/2	67,822	1/2	52,055	1/2	36,327	1/2	20,604	1/2	4,879	1/2		1/2		1/2		1/2		1/2	
3/4	67,494	3/4	51,727	3/4	36,000	3/4	20,282	3/4	4,551	3/4		3/4		3/4		3/4		3/4	
6	67,165	6	51,398	6	35,673	6	19,959	6	4,222	6		6		6		6		6	
1/4	66,837	1/4	51,070	1/4	35,346	1/4	19,637	1/4	3,898	1/4		1/4		1/4		1/4		1/4	
1/2	66,508	1/2	50,741	1/2	35,019	1/2	19,315	1/2	3,574	1/2		1/2		1/2		1/2		1/2	
3/4	66,180	3/4	50,413	3/4	34,691	3/4	18,992	3/4	3,250	3/4		3/4		3/4		3/4		3/4	
7	65,851	7	50,084	7	34,364	7	18,670	7	2,926	7		7		7		7		7	
1/4	65,523	1/4	49,756	1/4	34,037	1/4	18,343	1/4	2,634	1/4		1/4		1/4		1/4		1/4	
1/2	65,194	1/2	49,427	1/2	33,710	1/2	18,016	1/2	2,343	1/2		1/2		1/2		1/2		1/2	
3/4	64,866	3/4	49,099	3/4	33,383	3/4	17,689	3/4	2,051	3/4		3/4		3/4		3/4		3/4	
8	64,537	8	48,770	8	33,056	8	17,362	8	1,759	8		8		8		8		8	
1/4	64,209	1/4	48,442	1/4	32,728	1/4	17,034	1/4	1,539	1/4		1/4		1/4		1/4		1/4	
1/2	63,880	1/2	48,113	1/2	32,400	1/2	16,705	1/2	1,320	1/2		1/2		1/2		1/2		1/2	
3/4	63,552	3/4	47,785	3/4	32,071	3/4	16,377	3/4	1,100	3/4		3/4		3/4		3/4		3/4	
9	63,223	9	47,456	9	31,743	9	16,048	9	880	9		9		9		9		9	
1/4	62,895	1/4	47,128	1/4	31,415	1/4	15,720	1/4	738	1/4		1/4		1/4		1/4		1/4	
1/2	62,566	1/2	46,799	1/2	31,086	1/2	15,391	1/2	596	1/2		1/2		1/2		1/2		1/2	
3/4	62,238	3/4	46,471	3/4	30,758	3/4	15,063	3/4	453	3/4		3/4		3/4		3/4		3/4	
10	61,909	10	46,142	10	30,429	10	14,734	10	311	10		10		10		10		10	
1/4	61,581	1/4	45,815	1/4	30,101	1/4	14,406	1/4	250	1/4		1/4		1/4		1/4		1/4	
1/2	61,252	1/2	45,487	1/2	29,772	1/2	14,077	1/2	188	1/2		1/2		1/2		1/2		1/2	
3/4	60,924	3/4	45,160	3/4	29,444	3/4	13,749	3/4	127	3/4		3/4		3/4		3/4		3/4	
11	60,595	11	44,832	11	29,115	11	13,420	11	65	11		11		11		11		11	
1/4	60,267	1/4	44,505	1/4	28,787	1/4	13,092	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59,938	1/2	44,178	1/2	28,458	1/2	12,763	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,610	3/4	43,850	3/4	28,130	3/4	12,435	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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

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



BARGE "CBC 331"

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	185,425	0	169,657	0	153,889	0	138,121	0	122,353	0	106,585	0	90,817
1/4		1/4		1/4		1/4	185,097	1/4	169,329	1/4	153,561	1/4	137,793	1/4	122,025	1/4	106,257	1/4	90,489
1/2		1/2		1/2		1/2	184,768	1/2	169,000	1/2	153,232	1/2	137,464	1/2	121,696	1/2	105,928	1/2	90,160
3/4		3/4		3/4		3/4	184,440	3/4	168,672	3/4	152,904	3/4	137,136	3/4	121,368	3/4	105,600	3/4	89,832
1		1		1		1	184,111	1	168,343	1	152,575	1	136,807	1	121,039	1	105,271	1	89,503
1/4		1/4		1/4		1/4	183,783	1/4	168,015	1/4	152,247	1/4	136,479	1/4	120,711	1/4	104,943	1/4	89,175
1/2		1/2		1/2		1/2	183,454	1/2	167,686	1/2	151,918	1/2	136,150	1/2	120,382	1/2	104,614	1/2	88,846
3/4		3/4		3/4		3/4	183,126	3/4	167,358	3/4	151,590	3/4	135,822	3/4	120,054	3/4	104,286	3/4	88,518
2		2		2		2	182,797	2	167,029	2	151,261	2	135,493	2	119,725	2	103,957	2	88,189
1/4		1/4		1/4		1/4	182,469	1/4	166,701	1/4	150,933	1/4	135,165	1/4	119,397	1/4	103,629	1/4	87,861
1/2		1/2		1/2		1/2	182,140	1/2	166,372	1/2	150,604	1/2	134,836	1/2	119,068	1/2	103,300	1/2	87,532
3/4		3/4		3/4		3/4	191,665	3/4	181,812	3/4	166,044	3/4	150,276	3/4	134,508	3/4	118,740	3/4	87,204
3		3		3		3	181,647	3	165,715	3	149,947	3	134,179	3	118,411	3	102,643	3	86,875
1/4		1/4		1/4		1/4	191,620	1/4	181,155	1/4	165,387	1/4	133,851	1/4	118,083	1/4	102,315	1/4	86,547
1/2		1/2		1/2		1/2	191,593	1/2	180,826	1/2	165,058	1/2	133,522	1/2	117,754	1/2	101,986	1/2	86,218
3/4		3/4		3/4		3/4	191,565	3/4	180,498	3/4	164,730	3/4	133,194	3/4	117,426	3/4	101,658	3/4	85,890
4		4		4		4	191,538	4	180,169	4	164,401	4	132,865	4	117,097	4	101,329	4	85,561
1/4		1/4		1/4		1/4	191,474	1/4	179,841	1/4	164,073	1/4	132,537	1/4	116,769	1/4	101,001	1/4	85,233
1/2		1/2		1/2		1/2	191,410	1/2	179,512	1/2	163,744	1/2	132,208	1/2	116,440	1/2	100,672	1/2	84,904
3/4		3/4		3/4		3/4	191,346	3/4	179,184	3/4	163,416	3/4	131,880	3/4	116,112	3/4	100,344	3/4	84,576
5		5		5		5	191,282	5	178,855	5	163,087	5	131,551	5	115,783	5	100,015	5	84,247
1/4		1/4		1/4		1/4	191,182	1/4	178,527	1/4	162,759	1/4	131,223	1/4	115,455	1/4	99,687	1/4	83,919
1/2		1/2		1/2		1/2	191,082	1/2	178,198	1/2	162,430	1/2	130,894	1/2	115,126	1/2	99,358	1/2	83,590
3/4		3/4		3/4		3/4	190,981	3/4	177,870	3/4	162,102	3/4	130,566	3/4	114,798	3/4	99,030	3/4	83,262
6		6		6		6	190,881	6	177,541	6	161,773	6	130,237	6	114,469	6	98,701	6	82,933
1/4		1/4		1/4		1/4	190,744	1/4	177,213	1/4	161,445	1/4	129,909	1/4	114,141	1/4	98,373	1/4	82,605
1/2		1/2		1/2		1/2	190,608	1/2	176,884	1/2	161,116	1/2	129,580	1/2	113,812	1/2	98,044	1/2	82,276
3/4		3/4		3/4		3/4	190,471	3/4	176,556	3/4	160,788	3/4	129,252	3/4	113,484	3/4	97,716	3/4	81,948
7		7		7		7	190,334	7	176,227	7	160,459	7	128,923	7	113,155	7	97,387	7	81,619
1/4		1/4		1/4		1/4	190,161	1/4	175,899	1/4	160,131	1/4	128,595	1/4	112,827	1/4	97,059	1/4	81,291
1/2		1/2		1/2		1/2	189,987	1/2	175,570	1/2	159,802	1/2	128,266	1/2	112,498	1/2	96,730	1/2	80,962
3/4		3/4		3/4		3/4	189,814	3/4	175,242	3/4	159,474	3/4	127,938	3/4	112,170	3/4	96,402	3/4	80,634
8		8		8		8	189,640	8	174,913	8	159,145	8	127,609	8	111,841	8	96,073	8	80,305
1/4		1/4		1/4		1/4	189,430	1/4	174,585	1/4	158,817	1/4	127,281	1/4	111,513	1/4	95,745	1/4	79,977
1/2		1/2		1/2		1/2	189,221	1/2	174,256	1/2	158,488	1/2	126,952	1/2	111,184	1/2	95,416	1/2	79,648
3/4		3/4		3/4		3/4	189,011	3/4	173,928	3/4	158,160	3/4	126,624	3/4	110,856	3/4	95,088	3/4	79,320
9		9		9		9	188,801	9	173,599	9	157,831	9	126,295	9	110,527	9	94,759	9	78,991
1/4		1/4		1/4		1/4	188,555	1/4	173,271	1/4	157,503	1/4	125,967	1/4	110,199	1/4	94,431	1/4	78,663
1/2		1/2		1/2		1/2	188,309	1/2	172,943	1/2	157,174	1/2	125,638	1/2	109,870	1/2	94,102	1/2	78,334
3/4		3/4		3/4		3/4	188,062	3/4	172,614	3/4	156,846	3/4	125,310	3/4	109,542	3/4	93,774	3/4	78,006
10		10		10		10	187,816	10	172,286	10	156,517	10	124,981	10	109,213	10	93,445	10	77,677
1/4		1/4		1/4		1/4	187,533	1/4	171,957	1/4	156,189	1/4	124,653	1/4	108,885	1/4	93,117	1/4	77,349
1/2		1/2		1/2		1/2	187,250	1/2	171,629	1/2	155,860	1/2	124,324	1/2	108,556	1/2	92,788	1/2	77,020
3/4		3/4		3/4		3/4	186,967	3/4	171,300	3/4	155,532	3/4	123,996	3/4	108,228	3/4	92,460	3/4	76,692
11		11		11		11	186,684	11	170,971	11	155,203	11	123,667	11	107,899	11	92,131	11	76,363
1/4		1/4		1/4		1/4	186,369	1/4	170,643	1/4	154,875	1/4	123,339	1/4	107,571	1/4	91,803	1/4	76,035
1/2		1/2		1/2		1/2	186,055	1/2	170,314	1/2	154,546	1/2	123,010	1/2	107,242	1/2	91,474	1/2	75,706
3/4		3/4		3/4		3/4	185,740	3/4	169,986	3/4	154,218	3/4	122,682	3/4	106,914	3/4	91,146	3/4	75,378

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 331"

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	75,049	0	59,281	0	43,523	0	27,801	0	12,106	0		0		0		0		0	
1/4	74,721	1/4	58,953	1/4	43,196	1/4	27,473	1/4	11,778	1/4		1/4		1/4		1/4		1/4	
1/2	74,392	1/2	58,624	1/2	42,869	1/2	27,144	1/2	11,449	1/2		1/2		1/2		1/2		1/2	
3/4	74,064	3/4	58,296	3/4	42,542	3/4	26,816	3/4	11,121	3/4		3/4		3/4		3/4		3/4	
1	73,735	1	57,967	1	42,215	1	26,487	1	10,792	1		1		1		1		1	
1/4	73,407	1/4	57,639	1/4	41,888	1/4	26,159	1/4	10,464	1/4		1/4		1/4		1/4		1/4	
1/2	73,078	1/2	57,310	1/2	41,561	1/2	25,830	1/2	10,135	1/2		1/2		1/2		1/2		1/2	
3/4	72,750	3/4	56,982	3/4	41,233	3/4	25,502	3/4	9,807	3/4		3/4		3/4		3/4		3/4	
2	72,421	2	56,653	2	40,906	2	25,173	2	9,478	2		2		2		2		2	
1/4	72,093	1/4	56,325	1/4	40,579	1/4	24,845	1/4	9,150	1/4		1/4		1/4		1/4		1/4	
1/2	71,764	1/2	55,996	1/2	40,252	1/2	24,516	1/2	8,821	1/2		1/2		1/2		1/2		1/2	
3/4	71,436	3/4	55,668	3/4	39,925	3/4	24,188	3/4	8,493	3/4		3/4		3/4		3/4		3/4	
3	71,107	3	55,339	3	39,598	3	23,859	3	8,164	3		3		3		3		3	
1/4	70,779	1/4	55,011	1/4	39,271	1/4	23,531	1/4	7,836	1/4		1/4		1/4		1/4		1/4	
1/2	70,450	1/2	54,682	1/2	38,944	1/2	23,202	1/2	7,507	1/2		1/2		1/2		1/2		1/2	
3/4	70,122	3/4	54,354	3/4	38,616	3/4	22,874	3/4	7,179	3/4		3/4		3/4		3/4		3/4	
4	69,793	4	54,025	4	38,289	4	22,545	4	6,850	4		4		4		4		4	
1/4	69,465	1/4	53,697	1/4	37,962	1/4	22,221	1/4	6,522	1/4		1/4		1/4		1/4		1/4	
1/2	69,136	1/2	53,369	1/2	37,635	1/2	21,897	1/2	6,193	1/2		1/2		1/2		1/2		1/2	
3/4	68,808	3/4	53,040	3/4	37,308	3/4	21,573	3/4	5,865	3/4		3/4		3/4		3/4		3/4	
5	68,479	5	52,712	5	36,981	5	21,249	5	5,536	5		5		5		5		5	
1/4	68,151	1/4	52,384	1/4	36,654	1/4	20,927	1/4	5,208	1/4		1/4		1/4		1/4		1/4	
1/2	67,822	1/2	52,055	1/2	36,327	1/2	20,604	1/2	4,879	1/2		1/2		1/2		1/2		1/2	
3/4	67,494	3/4	51,727	3/4	36,000	3/4	20,282	3/4	4,551	3/4		3/4		3/4		3/4		3/4	
6	67,165	6	51,398	6	35,673	6	19,959	6	4,222	6		6		6		6		6	
1/4	66,837	1/4	51,070	1/4	35,346	1/4	19,637	1/4	3,898	1/4		1/4		1/4		1/4		1/4	
1/2	66,508	1/2	50,741	1/2	35,019	1/2	19,315	1/2	3,574	1/2		1/2		1/2		1/2		1/2	
3/4	66,180	3/4	50,413	3/4	34,691	3/4	18,992	3/4	3,250	3/4		3/4		3/4		3/4		3/4	
7	65,851	7	50,084	7	34,364	7	18,670	7	2,926	7		7		7		7		7	
1/4	65,523	1/4	49,756	1/4	34,037	1/4	18,343	1/4	2,634	1/4		1/4		1/4		1/4		1/4	
1/2	65,194	1/2	49,427	1/2	33,710	1/2	18,016	1/2	2,343	1/2		1/2		1/2		1/2		1/2	
3/4	64,866	3/4	49,099	3/4	33,383	3/4	17,689	3/4	2,051	3/4		3/4		3/4		3/4		3/4	
8	64,537	8	48,770	8	33,056	8	17,362	8	1,759	8		8		8		8		8	
1/4	64,209	1/4	48,442	1/4	32,728	1/4	17,034	1/4	1,539	1/4		1/4		1/4		1/4		1/4	
1/2	63,880	1/2	48,113	1/2	32,400	1/2	16,705	1/2	1,320	1/2		1/2		1/2		1/2		1/2	
3/4	63,552	3/4	47,785	3/4	32,071	3/4	16,377	3/4	1,100	3/4		3/4		3/4		3/4		3/4	
9	63,223	9	47,456	9	31,743	9	16,048	9	880	9		9		9		9		9	
1/4	62,895	1/4	47,128	1/4	31,415	1/4	15,720	1/4	738	1/4		1/4		1/4		1/4		1/4	
1/2	62,566	1/2	46,799	1/2	31,086	1/2	15,391	1/2	596	1/2		1/2		1/2		1/2		1/2	
3/4	62,238	3/4	46,471	3/4	30,758	3/4	15,063	3/4	453	3/4		3/4		3/4		3/4		3/4	
10	61,909	10	46,142	10	30,429	10	14,734	10	311	10		10		10		10		10	
1/4	61,581	1/4	45,815	1/4	30,101	1/4	14,406	1/4	250	1/4		1/4		1/4		1/4		1/4	
1/2	61,252	1/2	45,487	1/2	29,772	1/2	14,077	1/2	188	1/2		1/2		1/2		1/2		1/2	
3/4	60,924	3/4	45,160	3/4	29,444	3/4	13,749	3/4	127	3/4		3/4		3/4		3/4		3/4	
11	60,595	11	44,832	11	29,115	11	13,420	11	65	11		11		11		11		11	
1/4	60,267	1/4	44,505	1/4	28,787	1/4	13,092	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59,938	1/2	44,178	1/2	28,458	1/2	12,763	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,610	3/4	43,850	3/4	28,130	3/4	12,435	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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

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



BARGE "CBC 331"

2 PORT ULLAGE 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		0		0		0	180,864	0	165,484	0	150,103	0	134,723	0	119,343	0	103,963	0	88,583
1/4		1/4		1/4		1/4	180,543	1/4	165,163	1/4	149,783	1/4	134,403	1/4	119,022	1/4	103,642	1/4	88,262
1/2		1/2		1/2		1/2	180,223	1/2	164,843	1/2	149,462	1/2	134,082	1/2	118,702	1/2	103,322	1/2	87,942
3/4		3/4		3/4		3/4	179,902	3/4	164,522	3/4	149,142	3/4	133,762	3/4	118,381	3/4	103,001	3/4	87,621
1		1		1		1	179,582	1	164,202	1	148,822	1	133,442	1	118,061	1	102,681	1	87,301
1/4		1/4		1/4		1/4	179,261	1/4	163,881	1/4	148,501	1/4	133,121	1/4	117,741	1/4	102,361	1/4	86,980
1/2		1/2		1/2		1/2	178,941	1/2	163,561	1/2	148,181	1/2	132,801	1/2	117,420	1/2	102,040	1/2	86,660
3/4		3/4		3/4		3/4	178,620	3/4	163,240	3/4	147,860	3/4	132,480	3/4	117,100	3/4	101,720	3/4	86,339
2		2		2		2	178,300	2	162,920	2	147,540	2	132,160	2	116,780	2	101,400	2	86,019
1/4		1/4		1/4		1/4	177,980	1/4	162,600	1/4	147,219	1/4	131,839	1/4	116,459	1/4	101,079	1/4	85,699
1/2		1/2		1/2		1/2	177,659	1/2	162,279	1/2	146,899	1/2	131,519	1/2	116,139	1/2	100,759	1/2	85,378
3/4		3/4		3/4		3/4	186,950	3/4	177,339	3/4	161,959	3/4	146,578	3/4	131,198	3/4	115,818	3/4	85,058
3		3		3		3	177,019	3	161,639	3	146,258	3	130,878	3	115,498	3	100,118	3	84,738
1/4		1/4		1/4		1/4	186,915	1/4	176,698	1/4	161,318	1/4	145,938	1/4	130,558	1/4	115,177	1/4	84,417
1/2		1/2		1/2		1/2	186,897	1/2	176,378	1/2	160,998	1/2	145,617	1/2	130,237	1/2	114,857	1/2	84,097
3/4		3/4		3/4		3/4	186,879	3/4	176,057	3/4	160,677	3/4	145,297	3/4	129,917	3/4	114,536	3/4	83,776
4		4		4		4	186,826	4	175,737	4	160,357	4	144,977	4	129,597	4	114,216	4	83,456
1/4		1/4		1/4		1/4	186,773	1/4	175,416	1/4	160,036	1/4	144,656	1/4	129,276	1/4	113,896	1/4	83,135
1/2		1/2		1/2		1/2	186,719	1/2	175,096	1/2	159,716	1/2	144,336	1/2	128,956	1/2	113,575	1/2	82,815
3/4		3/4		3/4		3/4	186,666	3/4	174,775	3/4	159,395	3/4	144,015	3/4	128,635	3/4	113,255	3/4	82,494
5		5		5		5	186,577	5	174,455	5	159,075	5	143,695	5	128,315	5	112,935	5	82,174
1/4		1/4		1/4		1/4	186,488	1/4	174,135	1/4	158,754	1/4	143,374	1/4	127,994	1/4	112,614	1/4	81,854
1/2		1/2		1/2		1/2	186,399	1/2	173,814	1/2	158,434	1/2	143,054	1/2	127,674	1/2	112,294	1/2	81,533
3/4		3/4		3/4		3/4	186,310	3/4	173,494	3/4	158,113	3/4	142,733	3/4	127,353	3/4	111,973	3/4	81,213
6		6		6		6	186,186	6	173,174	6	157,793	6	142,413	6	127,033	6	111,653	6	80,893
1/4		1/4		1/4		1/4	186,061	1/4	172,855	1/4	157,473	1/4	142,093	1/4	126,712	1/4	111,332	1/4	80,572
1/2		1/2		1/2		1/2	185,937	1/2	172,535	1/2	157,152	1/2	141,772	1/2	126,392	1/2	111,012	1/2	80,252
3/4		3/4		3/4		3/4	185,812	3/4	172,215	3/4	156,832	3/4	141,452	3/4	126,071	3/4	110,691	3/4	79,931
7		7		7		7	185,652	7	171,894	7	156,512	7	141,132	7	125,751	7	110,371	7	79,611
1/4		1/4		1/4		1/4	185,492	1/4	171,573	1/4	156,191	1/4	140,811	1/4	125,431	1/4	110,051	1/4	79,290
1/2		1/2		1/2		1/2	185,331	1/2	171,251	1/2	155,871	1/2	140,491	1/2	125,110	1/2	109,730	1/2	78,970
3/4		3/4		3/4		3/4	185,171	3/4	170,930	3/4	155,550	3/4	140,170	3/4	124,790	3/4	109,410	3/4	78,649
8		8		8		8	184,975	8	170,610	8	155,230	8	139,850	8	124,470	8	109,090	8	78,329
1/4		1/4		1/4		1/4	184,780	1/4	170,290	1/4	154,909	1/4	139,529	1/4	124,149	1/4	108,769	1/4	78,009
1/2		1/2		1/2		1/2	184,584	1/2	169,969	1/2	154,589	1/2	139,209	1/2	123,829	1/2	108,449	1/2	77,688
3/4		3/4		3/4		3/4	184,388	3/4	169,649	3/4	154,268	3/4	138,888	3/4	123,508	3/4	108,128	3/4	77,368
9		9		9		9	184,157	9	169,329	9	153,948	9	138,568	9	123,188	9	107,808	9	77,048
1/4		1/4		1/4		1/4	183,925	1/4	169,008	1/4	153,628	1/4	138,248	1/4	122,867	1/4	107,487	1/4	76,727
1/2		1/2		1/2		1/2	183,694	1/2	168,688	1/2	153,307	1/2	137,927	1/2	122,547	1/2	107,167	1/2	76,407
3/4		3/4		3/4		3/4	183,462	3/4	168,367	3/4	152,987	3/4	137,607	3/4	122,226	3/4	106,846	3/4	76,086
10		10		10		10	183,195	10	168,047	10	152,667	10	137,287	10	121,906	10	106,526	10	75,766
1/4		1/4		1/4		1/4	182,928	1/4	167,726	1/4	152,346	1/4	136,966	1/4	121,586	1/4	106,206	1/4	75,445
1/2		1/2		1/2		1/2	182,661	1/2	167,406	1/2	152,026	1/2	136,646	1/2	121,265	1/2	105,885	1/2	75,125
3/4		3/4		3/4		3/4	182,394	3/4	167,085	3/4	151,705	3/4	136,325	3/4	120,945	3/4	105,565	3/4	74,804
11		11		11		11	182,092	11	166,765	11	151,385	11	136,005	11	120,625	11	105,245	11	74,484
1/4		1/4		1/4		1/4	181,789	1/4	166,445	1/4	151,064	1/4	135,684	1/4	120,304	1/4	104,924	1/4	74,164
1/2		1/2		1/2		1/2	181,487	1/2	166,124	1/2	150,744	1/2	135,364	1/2	119,984	1/2	104,604	1/2	73,843
3/4		3/4		3/4		3/4	181,184	3/4	165,804	3/4	150,423	3/4	135,043	3/4	119,663	3/4	104,283	3/4	73,523

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.

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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 ULLAGE 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	73,203	0	57,822	0	42,451	0	27,116	0	11,808	0		0		0		0		0	
1/4	72,882	1/4	57,502	1/4	42,132	1/4	26,795	1/4	11,487	1/4		1/4		1/4		1/4		1/4	
1/2	72,562	1/2	57,181	1/2	41,813	1/2	26,475	1/2	11,167	1/2		1/2		1/2		1/2		1/2	
3/4	72,241	3/4	56,861	3/4	41,494	3/4	26,154	3/4	10,846	3/4		3/4		3/4		3/4		3/4	
1	71,921	1	56,541	1	41,175	1	25,834	1	10,526	1		1		1		1		1	
1/4	71,600	1/4	56,220	1/4	40,856	1/4	25,514	1/4	10,205	1/4		1/4		1/4		1/4		1/4	
1/2	71,280	1/2	55,900	1/2	40,537	1/2	25,193	1/2	9,885	1/2		1/2		1/2		1/2		1/2	
3/4	70,959	3/4	55,579	3/4	40,218	3/4	24,873	3/4	9,564	3/4		3/4		3/4		3/4		3/4	
2	70,639	2	55,259	2	39,899	2	24,553	2	9,244	2		2		2		2		2	
1/4	70,319	1/4	54,938	1/4	39,580	1/4	24,232	1/4	8,924	1/4		1/4		1/4		1/4		1/4	
1/2	69,998	1/2	54,618	1/2	39,260	1/2	23,912	1/2	8,603	1/2		1/2		1/2		1/2		1/2	
3/4	69,678	3/4	54,297	3/4	38,941	3/4	23,591	3/4	8,283	3/4		3/4		3/4		3/4		3/4	
3	69,358	3	53,977	3	38,622	3	23,271	3	7,963	3		3		3		3		3	
1/4	69,037	1/4	53,657	1/4	38,303	1/4	22,950	1/4	7,642	1/4		1/4		1/4		1/4		1/4	
1/2	68,717	1/2	53,336	1/2	37,984	1/2	22,630	1/2	7,322	1/2		1/2		1/2		1/2		1/2	
3/4	68,396	3/4	53,016	3/4	37,665	3/4	22,309	3/4	7,001	3/4		3/4		3/4		3/4		3/4	
4	68,076	4	52,696	4	37,346	4	21,992	4	6,681	4		4		4		4		4	
1/4	67,755	1/4	52,375	1/4	37,027	1/4	21,674	1/4	6,360	1/4		1/4		1/4		1/4		1/4	
1/2	67,435	1/2	52,055	1/2	36,708	1/2	21,357	1/2	6,040	1/2		1/2		1/2		1/2		1/2	
3/4	67,114	3/4	51,734	3/4	36,389	3/4	21,039	3/4	5,719	3/4		3/4		3/4		3/4		3/4	
5	66,794	5	51,414	5	36,070	5	20,725	5	5,399	5		5		5		5		5	
1/4	66,474	1/4	51,093	1/4	35,751	1/4	20,411	1/4	5,079	1/4		1/4		1/4		1/4		1/4	
1/2	66,153	1/2	50,773	1/2	35,432	1/2	20,096	1/2	4,758	1/2		1/2		1/2		1/2		1/2	
3/4	65,833	3/4	50,452	3/4	35,113	3/4	19,782	3/4	4,438	3/4		3/4		3/4		3/4		3/4	
6	65,513	6	50,132	6	34,794	6	19,468	6	4,121	6		6		6		6		6	
1/4	65,192	1/4	49,812	1/4	34,475	1/4	19,153	1/4	3,803	1/4		1/4		1/4		1/4		1/4	
1/2	64,872	1/2	49,491	1/2	34,155	1/2	18,839	1/2	3,486	1/2		1/2		1/2		1/2		1/2	
3/4	64,551	3/4	49,171	3/4	33,836	3/4	18,524	3/4	3,168	3/4		3/4		3/4		3/4		3/4	
7	64,231	7	48,851	7	33,517	7	18,207	7	2,874	7		7		7		7		7	
1/4	63,910	1/4	48,530	1/4	33,198	1/4	17,889	1/4	2,579	1/4		1/4		1/4		1/4		1/4	
1/2	63,590	1/2	48,210	1/2	32,879	1/2	17,572	1/2	2,285	1/2		1/2		1/2		1/2		1/2	
3/4	63,269	3/4	47,889	3/4	32,560	3/4	17,254	3/4	1,990	3/4		3/4		3/4		3/4		3/4	
8	62,949	8	47,569	8	32,240	8	16,934	8	1,756	8		8		8		8		8	
1/4	62,628	1/4	47,248	1/4	31,921	1/4	16,614	1/4	1,522	1/4		1/4		1/4		1/4		1/4	
1/2	62,308	1/2	46,928	1/2	31,601	1/2	16,293	1/2	1,287	1/2		1/2		1/2		1/2		1/2	
3/4	61,987	3/4	46,607	3/4	31,281	3/4	15,973	3/4	1,053	3/4		3/4		3/4		3/4		3/4	
9	61,667	9	46,287	9	30,961	9	15,653	9	896	9		9		9		9		9	
1/4	61,347	1/4	45,967	1/4	30,640	1/4	15,332	1/4	739	1/4		1/4		1/4		1/4		1/4	
1/2	61,026	1/2	45,646	1/2	30,320	1/2	15,012	1/2	582	1/2		1/2		1/2		1/2		1/2	
3/4	60,706	3/4	45,326	3/4	29,999	3/4	14,691	3/4	425	3/4		3/4		3/4		3/4		3/4	
10	60,386	10	45,006	10	29,679	10	14,371	10	345	10		10		10		10		10	
1/4	60,065	1/4	44,687	1/4	29,359	1/4	14,050	1/4	265	1/4		1/4		1/4		1/4		1/4	
1/2	59,745	1/2	44,367	1/2	29,038	1/2	13,730	1/2	184	1/2		1/2		1/2		1/2		1/2	
3/4	59,424	3/4	44,047	3/4	28,718	3/4	13,409	3/4	104	3/4		3/4		3/4		3/4		3/4	
11	59,104	11	43,728	11	28,398	11	13,089	11		11		11		11		11		11	
1/4	58,783	1/4	43,409	1/4	28,077	1/4	12,769	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	58,463	1/2	43,089	1/2	27,757	1/2	12,448	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	58,142	3/4	42,770	3/4	27,436	3/4	12,128	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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

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



BARGE "CBC 331"

2 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	180,863	0	165,483	0	150,103	0	134,723	0	119,343	0	103,962	0	88,582
1/4		1/4		1/4		1/4	180,543	1/4	165,163	1/4	149,783	1/4	134,403	1/4	119,023	1/4	103,642	1/4	88,262
1/2		1/2		1/2		1/2	180,223	1/2	164,842	1/2	149,462	1/2	134,082	1/2	118,702	1/2	103,322	1/2	87,942
3/4		3/4		3/4		3/4	179,902	3/4	164,522	3/4	149,142	3/4	133,762	3/4	118,382	3/4	103,001	3/4	87,621
1		1		1		1	179,582	1	164,201	1	148,821	1	133,441	1	118,061	1	102,681	1	87,301
1/4		1/4		1/4		1/4	179,262	1/4	163,881	1/4	148,501	1/4	133,121	1/4	117,741	1/4	102,361	1/4	86,981
1/2		1/2		1/2		1/2	178,941	1/2	163,561	1/2	148,181	1/2	132,800	1/2	117,420	1/2	102,040	1/2	86,660
3/4		3/4		3/4		3/4	178,621	3/4	163,240	3/4	147,860	3/4	132,480	3/4	117,100	3/4	101,720	3/4	86,340
2		2		2		2	178,300	2	162,920	2	147,540	2	132,159	2	116,779	2	101,399	2	86,019
1/4		1/4		1/4		1/4	177,980	1/4	162,600	1/4	147,220	1/4	131,839	1/4	116,459	1/4	101,079	1/4	85,699
1/2		1/2		1/2		1/2	177,659	1/2	162,279	1/2	146,899	1/2	131,519	1/2	116,139	1/2	100,758	1/2	85,378
3/4		3/4		3/4		3/4	186,950	3/4	177,339	3/4	161,959	3/4	146,579	3/4	131,198	3/4	115,818	3/4	85,058
3		3		3		3	177,018	3	161,638	3	146,258	3	130,878	3	115,498	3	100,117	3	84,737
1/4		1/4		1/4		1/4	186,906	1/4	176,698	1/4	161,318	1/4	145,938	1/4	130,558	1/4	115,178	1/4	84,417
1/2		1/2		1/2		1/2	186,880	1/2	176,378	1/2	160,997	1/2	145,617	1/2	130,237	1/2	114,857	1/2	84,097
3/4		3/4		3/4		3/4	186,853	3/4	176,057	3/4	160,677	3/4	145,297	3/4	129,917	3/4	114,537	3/4	83,776
4		4		4		4	186,826	4	175,737	4	160,356	4	144,976	4	129,596	4	114,216	4	83,456
1/4		1/4		1/4		1/4	186,764	1/4	175,417	1/4	160,036	1/4	144,656	1/4	129,276	1/4	113,896	1/4	83,136
1/2		1/2		1/2		1/2	186,702	1/2	175,096	1/2	159,716	1/2	144,336	1/2	128,955	1/2	113,575	1/2	82,815
3/4		3/4		3/4		3/4	186,639	3/4	174,776	3/4	159,395	3/4	144,015	3/4	128,635	3/4	113,255	3/4	82,495
5		5		5		5	186,577	5	174,455	5	159,075	5	143,695	5	128,314	5	112,934	5	82,174
1/4		1/4		1/4		1/4	186,479	1/4	174,135	1/4	158,755	1/4	143,375	1/4	127,994	1/4	112,614	1/4	81,854
1/2		1/2		1/2		1/2	186,382	1/2	173,814	1/2	158,434	1/2	143,054	1/2	127,674	1/2	112,294	1/2	81,533
3/4		3/4		3/4		3/4	186,284	3/4	173,494	3/4	158,114	3/4	142,734	3/4	127,353	3/4	111,973	3/4	81,213
6		6		6		6	186,186	6	173,173	6	157,793	6	142,413	6	127,033	6	111,653	6	80,892
1/4		1/4		1/4		1/4	186,053	1/4	172,853	1/4	157,473	1/4	142,093	1/4	126,713	1/4	111,333	1/4	80,572
1/2		1/2		1/2		1/2	185,919	1/2	172,533	1/2	157,152	1/2	141,772	1/2	126,392	1/2	111,012	1/2	80,252
3/4		3/4		3/4		3/4	185,786	3/4	172,212	3/4	156,832	3/4	141,452	3/4	126,072	3/4	110,692	3/4	79,931
7		7		7		7	185,652	7	171,892	7	156,511	7	141,131	7	125,751	7	110,371	7	79,611
1/4		1/4		1/4		1/4	185,483	1/4	171,572	1/4	156,191	1/4	140,811	1/4	125,431	1/4	110,051	1/4	79,291
1/2		1/2		1/2		1/2	185,314	1/2	171,251	1/2	155,871	1/2	140,491	1/2	125,110	1/2	109,730	1/2	78,970
3/4		3/4		3/4		3/4	185,144	3/4	170,931	3/4	155,550	3/4	140,170	3/4	124,790	3/4	109,410	3/4	78,650
8		8		8		8	184,975	8	170,610	8	155,230	8	139,850	8	124,469	8	109,089	8	78,329
1/4		1/4		1/4		1/4	184,770	1/4	170,290	1/4	154,910	1/4	139,530	1/4	124,149	1/4	108,769	1/4	78,009
1/2		1/2		1/2		1/2	184,566	1/2	169,969	1/2	154,589	1/2	139,209	1/2	123,829	1/2	108,449	1/2	77,688
3/4		3/4		3/4		3/4	184,361	3/4	169,649	3/4	154,269	3/4	138,889	3/4	123,508	3/4	108,128	3/4	77,368
9		9		9		9	184,156	9	169,328	9	153,948	9	138,568	9	123,188	9	107,808	9	77,047
1/4		1/4		1/4		1/4	183,916	1/4	169,008	1/4	153,628	1/4	138,248	1/4	122,868	1/4	107,488	1/4	76,727
1/2		1/2		1/2		1/2	183,676	1/2	168,687	1/2	153,309	1/2	137,927	1/2	122,547	1/2	107,167	1/2	76,407
3/4		3/4		3/4		3/4	183,435	3/4	168,367	3/4	152,989	3/4	137,607	3/4	122,227	3/4	106,847	3/4	76,086
10		10		10		10	183,195	10	168,046	10	152,669	10	137,286	10	121,906	10	106,526	10	75,766
1/4		1/4		1/4		1/4	182,919	1/4	167,726	1/4	152,348	1/4	136,966	1/4	121,586	1/4	106,206	1/4	75,446
1/2		1/2		1/2		1/2	182,644	1/2	167,406	1/2	152,027	1/2	136,645	1/2	121,265	1/2	105,885	1/2	75,125
3/4		3/4		3/4		3/4	182,368	3/4	167,085	3/4	151,706	3/4	136,325	3/4	120,945	3/4	105,565	3/4	74,805
11		11		11		11	182,092	11	166,765	11	151,385	11	136,004	11	120,624	11	105,244	11	74,484
1/4		1/4		1/4		1/4	181,785	1/4	166,445	1/4	151,065	1/4	135,684	1/4	120,304	1/4	104,924	1/4	74,164
1/2		1/2		1/2		1/2	181,478	1/2	166,124	1/2	150,744	1/2	135,364	1/2	119,984	1/2	104,603	1/2	73,843
3/4		3/4		3/4		3/4	181,170	3/4	165,804	3/4	150,424	3/4	135,043	3/4	119,663	3/4	104,283	3/4	73,523

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BARGE "CBC 331"

2 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	73,202	0	57,822	0	42,451	0	27,115	0	11,807	0		0		0		0		0	
1/4	72,882	1/4	57,502	1/4	42,132	1/4	26,795	1/4	11,487	1/4		1/4		1/4		1/4		1/4	
1/2	72,561	1/2	57,181	1/2	41,813	1/2	26,475	1/2	11,167	1/2		1/2		1/2		1/2		1/2	
3/4	72,241	3/4	56,861	3/4	41,494	3/4	26,154	3/4	10,846	3/4		3/4		3/4		3/4		3/4	
1	71,920	1	56,540	1	41,175	1	25,834	1	10,526	1		1		1		1		1	
1/4	71,600	1/4	56,220	1/4	40,856	1/4	25,514	1/4	10,206	1/4		1/4		1/4		1/4		1/4	
1/2	71,280	1/2	55,900	1/2	40,537	1/2	25,193	1/2	9,885	1/2		1/2		1/2		1/2		1/2	
3/4	70,959	3/4	55,579	3/4	40,218	3/4	24,873	3/4	9,565	3/4		3/4		3/4		3/4		3/4	
2	70,639	2	55,259	2	39,899	2	24,552	2	9,244	2		2		2		2		2	
1/4	70,319	1/4	54,939	1/4	39,580	1/4	24,232	1/4	8,924	1/4		1/4		1/4		1/4		1/4	
1/2	69,998	1/2	54,618	1/2	39,261	1/2	23,911	1/2	8,603	1/2		1/2		1/2		1/2		1/2	
3/4	69,678	3/4	54,298	3/4	38,941	3/4	23,591	3/4	8,283	3/4		3/4		3/4		3/4		3/4	
3	69,357	3	53,977	3	38,622	3	23,270	3	7,962	3		3		3		3		3	
1/4	69,037	1/4	53,657	1/4	38,303	1/4	22,950	1/4	7,642	1/4		1/4		1/4		1/4		1/4	
1/2	68,716	1/2	53,336	1/2	37,984	1/2	22,630	1/2	7,322	1/2		1/2		1/2		1/2		1/2	
3/4	68,396	3/4	53,016	3/4	37,665	3/4	22,309	3/4	7,001	3/4		3/4		3/4		3/4		3/4	
4	68,075	4	52,695	4	37,346	4	21,989	4	6,681	4		4		4		4		4	
1/4	67,755	1/4	52,375	1/4	37,027	1/4	21,673	1/4	6,361	1/4		1/4		1/4		1/4		1/4	
1/2	67,435	1/2	52,055	1/2	36,708	1/2	21,357	1/2	6,040	1/2		1/2		1/2		1/2		1/2	
3/4	67,114	3/4	51,734	3/4	36,389	3/4	21,041	3/4	5,720	3/4		3/4		3/4		3/4		3/4	
5	66,794	5	51,414	5	36,070	5	20,725	5	5,399	5		5		5		5		5	
1/4	66,474	1/4	51,094	1/4	35,751	1/4	20,411	1/4	5,079	1/4		1/4		1/4		1/4		1/4	
1/2	66,153	1/2	50,773	1/2	35,432	1/2	20,096	1/2	4,758	1/2		1/2		1/2		1/2		1/2	
3/4	65,833	3/4	50,453	3/4	35,112	3/4	19,782	3/4	4,438	3/4		3/4		3/4		3/4		3/4	
6	65,512	6	50,132	6	34,793	6	19,467	6	4,117	6		6		6		6		6	
1/4	65,192	1/4	49,812	1/4	34,474	1/4	19,153	1/4	3,801	1/4		1/4		1/4		1/4		1/4	
1/2	64,871	1/2	49,491	1/2	34,155	1/2	18,839	1/2	3,486	1/2		1/2		1/2		1/2		1/2	
3/4	64,551	3/4	49,171	3/4	33,836	3/4	18,524	3/4	3,170	3/4		3/4		3/4		3/4		3/4	
7	64,230	7	48,850	7	33,517	7	18,210	7	2,854	7		7		7		7		7	
1/4	63,910	1/4	48,530	1/4	33,198	1/4	17,891	1/4	2,570	1/4		1/4		1/4		1/4		1/4	
1/2	63,590	1/2	48,210	1/2	32,879	1/2	17,572	1/2	2,285	1/2		1/2		1/2		1/2		1/2	
3/4	63,269	3/4	47,889	3/4	32,560	3/4	17,253	3/4	2,001	3/4		3/4		3/4		3/4		3/4	
8	62,949	8	47,569	8	32,241	8	16,934	8	1,716	8		8		8		8		8	
1/4	62,629	1/4	47,249	1/4	31,921	1/4	16,614	1/4	1,502	1/4		1/4		1/4		1/4		1/4	
1/2	62,308	1/2	46,928	1/2	31,601	1/2	16,293	1/2	1,288	1/2		1/2		1/2		1/2		1/2	
3/4	61,988	3/4	46,608	3/4	31,280	3/4	15,973	3/4	1,073	3/4		3/4		3/4		3/4		3/4	
9	61,667	9	46,287	9	30,960	9	15,652	9	859	9		9		9		9		9	
1/4	61,347	1/4	45,967	1/4	30,639	1/4	15,332	1/4	721	1/4		1/4		1/4		1/4		1/4	
1/2	61,026	1/2	45,646	1/2	30,318	1/2	15,012	1/2	582	1/2		1/2		1/2		1/2		1/2	
3/4	60,706	3/4	45,326	3/4	29,997	3/4	14,691	3/4	444	3/4		3/4		3/4		3/4		3/4	
10	60,385	10	45,005	10	29,676	10	14,371	10	305	10		10		10		10		10	
1/4	60,065	1/4	44,686	1/4	29,356	1/4	14,051	1/4	245	1/4		1/4		1/4		1/4		1/4	
1/2	59,745	1/2	44,367	1/2	29,037	1/2	13,730	1/2	185	1/2		1/2		1/2		1/2		1/2	
3/4	59,424	3/4	44,047	3/4	28,717	3/4	13,410	3/4	124	3/4		3/4		3/4		3/4		3/4	
11	59,104	11	43,728	11	28,397	11	13,089	11	64	11		11		11		11		11	
1/4	58,784	1/4	43,409	1/4	28,077	1/4	12,769	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	58,463	1/2	43,090	1/2	27,756	1/2	12,448	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	58,143	3/4	42,770	3/4	27,436	3/4	12,128	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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

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



BARGE "CBC 331"

3 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	173,718	0	164,119	0	152,877	0	137,212	0	121,548	0	105,883	0	90,219
1/4		1/4		1/4		1/4	173,518	1/4	163,919	1/4	152,551	1/4	136,886	1/4	121,222	1/4	105,557	1/4	89,893
1/2		1/2		1/2		1/2	173,318	1/2	163,719	1/2	152,224	1/2	136,560	1/2	120,895	1/2	105,231	1/2	89,566
3/4		3/4		3/4		3/4	173,118	3/4	163,519	3/4	151,898	3/4	136,233	3/4	120,569	3/4	104,904	3/4	89,240
1		1		1		1	172,918	1	163,319	1	151,571	1	135,907	1	120,242	1	104,578	1	88,913
1/4		1/4		1/4		1/4	172,718	1/4	163,119	1/4	151,245	1/4	135,581	1/4	119,916	1/4	104,252	1/4	88,587
1/2		1/2		1/2		1/2	172,518	1/2	162,919	1/2	150,919	1/2	135,255	1/2	119,590	1/2	103,925	1/2	88,261
3/4		3/4		3/4		3/4	172,318	3/4	162,719	3/4	150,592	3/4	134,928	3/4	119,263	3/4	103,599	3/4	87,934
2		2		2		2	172,118	2	162,519	2	150,266	2	134,602	2	118,937	2	103,272	2	87,608
1/4		1/4		1/4		1/4	171,918	1/4	162,319	1/4	149,940	1/4	134,276	1/4	118,611	1/4	102,946	1/4	87,282
1/2		1/2		1/2		1/2	171,718	1/2	162,119	1/2	149,614	1/2	133,949	1/2	118,285	1/2	102,620	1/2	86,955
3/4		3/4		3/4		3/4	171,518	3/4	161,919	3/4	149,287	3/4	133,623	3/4	117,958	3/4	102,293	3/4	86,629
3		3		3		3	171,318	3	161,719	3	148,961	3	133,296	3	117,632	3	101,967	3	86,302
1/4		1/4		1/4		1/4	171,118	1/4	161,519	1/4	148,635	1/4	132,970	1/4	117,306	1/4	101,641	1/4	85,976
1/2		1/2		1/2		1/2	170,918	1/2	161,319	1/2	148,308	1/2	132,644	1/2	116,979	1/2	101,315	1/2	85,650
3/4		3/4		3/4		3/4	170,718	3/4	161,119	3/4	147,982	3/4	132,317	3/4	116,653	3/4	100,988	3/4	85,323
4		4		4		4	170,518	4	160,919	4	147,655	4	131,991	4	116,326	4	100,662	4	84,997
1/4		1/4		1/4		1/4	170,318	1/4	160,719	1/4	147,329	1/4	131,665	1/4	116,000	1/4	100,336	1/4	84,671
1/2		1/2		1/2		1/2	170,118	1/2	160,519	1/2	147,003	1/2	131,338	1/2	115,674	1/2	100,009	1/2	84,345
3/4		3/4		3/4		3/4	169,918	3/4	160,319	3/4	146,676	3/4	131,012	3/4	115,347	3/4	99,683	3/4	84,018
5		5		5		5	169,718	5	160,119	5	146,350	5	130,685	5	115,021	5	99,356	5	83,692
1/4		1/4		1/4		1/4	169,518	1/4	159,916	1/4	146,024	1/4	130,359	1/4	114,695	1/4	99,030	1/4	83,366
1/2		1/2		1/2		1/2	169,318	1/2	159,714	1/2	145,698	1/2	130,033	1/2	114,368	1/2	98,704	1/2	83,039
3/4		3/4		3/4		3/4	169,118	3/4	159,511	3/4	145,371	3/4	129,706	3/4	114,042	3/4	98,377	3/4	82,713
6		6		6		6	168,918	6	159,308	6	145,045	6	129,380	6	113,715	6	98,051	6	82,386
1/4		1/4		1/4		1/4	168,718	1/4	159,092	1/4	144,719	1/4	129,054	1/4	113,389	1/4	97,725	1/4	82,060
1/2		1/2		1/2		1/2	168,519	1/2	158,877	1/2	144,392	1/2	128,728	1/2	113,063	1/2	97,399	1/2	81,734
3/4		3/4		3/4		3/4	168,319	3/4	158,661	3/4	144,066	3/4	128,401	3/4	112,736	3/4	97,072	3/4	81,407
7		7		7		7	168,119	7	158,445	7	143,739	7	128,075	7	112,410	7	96,746	7	81,081
1/4		1/4		1/4		1/4	167,919	1/4	158,208	1/4	143,413	1/4	127,749	1/4	112,084	1/4	96,420	1/4	80,755
1/2		1/2		1/2		1/2	167,719	1/2	157,972	1/2	143,087	1/2	127,422	1/2	111,758	1/2	96,093	1/2	80,429
3/4		3/4		3/4		3/4	167,519	3/4	157,735	3/4	142,760	3/4	127,096	3/4	111,431	3/4	95,767	3/4	80,102
8		8		8		8	167,319	8	157,498	8	142,434	8	126,769	8	111,105	8	95,440	8	79,776
1/4		1/4		1/4		1/4	167,119	1/4	157,240	1/4	142,108	1/4	126,443	1/4	110,779	1/4	95,114	1/4	79,450
1/2		1/2		1/2		1/2	166,919	1/2	156,982	1/2	141,781	1/2	126,117	1/2	110,452	1/2	94,788	1/2	79,123
3/4		3/4		3/4		3/4	166,719	3/4	156,724	3/4	141,455	3/4	125,790	3/4	110,126	3/4	94,461	3/4	78,797
9		9		9		9	166,519	9	156,466	9	141,128	9	125,464	9	109,799	9	94,135	9	78,470
1/4		1/4		1/4		1/4	166,319	1/4	156,187	1/4	140,802	1/4	125,138	1/4	109,473	1/4	93,809	1/4	78,144
1/2		1/2		1/2		1/2	166,119	1/2	155,909	1/2	140,476	1/2	124,812	1/2	109,147	1/2	93,482	1/2	77,818
3/4		3/4		3/4		3/4	165,919	3/4	155,630	3/4	140,149	3/4	124,485	3/4	108,820	3/4	93,156	3/4	77,491
10		10		10		10	165,719	10	155,351	10	139,823	10	124,159	10	108,494	10	92,829	10	77,165
1/4		1/4		1/4		1/4	165,519	1/4	155,051	1/4	139,497	1/4	123,833	1/4	108,168	1/4	92,503	1/4	76,839
1/2		1/2		1/2		1/2	165,319	1/2	154,751	1/2	139,171	1/2	123,506	1/2	107,842	1/2	92,177	1/2	76,512
3/4		3/4		3/4		3/4	165,119	3/4	154,451	3/4	138,844	3/4	123,180	3/4	107,515	3/4	91,850	3/4	76,186
11		11		11		11	164,919	11	154,151	11	138,518	11	122,853	11	107,189	11	91,524	11	75,859
1/4		1/4		1/4		1/4	164,719	1/4	153,833	1/4	138,192	1/4	122,527	1/4	106,863	1/4	91,198	1/4	75,533
1/2		1/2		1/2		1/2	164,519	1/2	153,514	1/2	137,865	1/2	122,201	1/2	106,536	1/2	90,872	1/2	75,207
3/4		3/4		3/4		3/4	164,319	3/4	153,196	3/4	137,539	3/4	121,874	3/4	106,210	3/4	90,545	3/4	74,880

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO 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 331"

3 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	74,554	0	58,890	0	43,235	0	27,616	0	12,024	0		0		0		0		0	
1/4	74,228	1/4	58,564	1/4	42,910	1/4	27,290	1/4	11,698	1/4		1/4		1/4		1/4		1/4	
1/2	73,902	1/2	58,237	1/2	42,585	1/2	26,963	1/2	11,371	1/2		1/2		1/2		1/2		1/2	
3/4	73,575	3/4	57,911	3/4	42,260	3/4	26,637	3/4	11,045	3/4		3/4		3/4		3/4		3/4	
1	73,249	1	57,584	1	41,935	1	26,310	1	10,718	1		1		1		1		1	
1/4	72,923	1/4	57,258	1/4	41,610	1/4	25,984	1/4	10,392	1/4		1/4		1/4		1/4		1/4	
1/2	72,596	1/2	56,932	1/2	41,285	1/2	25,658	1/2	10,066	1/2		1/2		1/2		1/2		1/2	
3/4	72,270	3/4	56,605	3/4	40,960	3/4	25,331	3/4	9,739	3/4		3/4		3/4		3/4		3/4	
2	71,943	2	56,279	2	40,635	2	25,005	2	9,413	2		2		2		2		2	
1/4	71,617	1/4	55,953	1/4	40,310	1/4	24,679	1/4	9,087	1/4		1/4		1/4		1/4		1/4	
1/2	71,291	1/2	55,626	1/2	39,985	1/2	24,353	1/2	8,761	1/2		1/2		1/2		1/2		1/2	
3/4	70,964	3/4	55,300	3/4	39,660	3/4	24,026	3/4	8,434	3/4		3/4		3/4		3/4		3/4	
3	70,638	3	54,973	3	39,335	3	23,700	3	8,108	3		3		3		3		3	
1/4	70,312	1/4	54,647	1/4	39,010	1/4	23,374	1/4	7,782	1/4		1/4		1/4		1/4		1/4	
1/2	69,986	1/2	54,321	1/2	38,685	1/2	23,047	1/2	7,455	1/2		1/2		1/2		1/2		1/2	
3/4	69,659	3/4	53,994	3/4	38,360	3/4	22,721	3/4	7,129	3/4		3/4		3/4		3/4		3/4	
4	69,333	4	53,668	4	38,035	4	22,394	4	6,802	4		4		4		4		4	
1/4	69,007	1/4	53,342	1/4	37,710	1/4	22,072	1/4	6,476	1/4		1/4		1/4		1/4		1/4	
1/2	68,680	1/2	53,016	1/2	37,385	1/2	21,751	1/2	6,150	1/2		1/2		1/2		1/2		1/2	
3/4	68,354	3/4	52,689	3/4	37,060	3/4	21,429	3/4	5,823	3/4		3/4		3/4		3/4		3/4	
5	68,027	5	52,363	5	36,735	5	21,107	5	5,497	5		5		5		5		5	
1/4	67,701	1/4	52,037	1/4	36,410	1/4	20,787	1/4	5,171	1/4		1/4		1/4		1/4		1/4	
1/2	67,375	1/2	51,710	1/2	36,086	1/2	20,467	1/2	4,845	1/2		1/2		1/2		1/2		1/2	
3/4	67,048	3/4	51,384	3/4	35,761	3/4	20,146	3/4	4,518	3/4		3/4		3/4		3/4		3/4	
6	66,722	6	51,057	6	35,436	6	19,826	6	4,192	6		6		6		6		6	
1/4	66,396	1/4	50,731	1/4	35,111	1/4	19,506	1/4	3,870	1/4		1/4		1/4		1/4		1/4	
1/2	66,069	1/2	50,405	1/2	34,786	1/2	19,186	1/2	3,548	1/2		1/2		1/2		1/2		1/2	
3/4	65,743	3/4	50,078	3/4	34,461	3/4	18,865	3/4	3,226	3/4		3/4		3/4		3/4		3/4	
7	65,416	7	49,752	7	34,136	7	18,545	7	2,904	7		7		7		7		7	
1/4	65,090	1/4	49,426	1/4	33,811	1/4	18,220	1/4	2,615	1/4		1/4		1/4		1/4		1/4	
1/2	64,764	1/2	49,099	1/2	33,486	1/2	17,895	1/2	2,325	1/2		1/2		1/2		1/2		1/2	
3/4	64,437	3/4	48,773	3/4	33,161	3/4	17,570	3/4	2,036	3/4		3/4		3/4		3/4		3/4	
8	64,111	8	48,446	8	32,836	8	17,245	8	1,746	8		8		8		8		8	
1/4	63,785	1/4	48,120	1/4	32,510	1/4	16,919	1/4	1,528	1/4		1/4		1/4		1/4		1/4	
1/2	63,459	1/2	47,794	1/2	32,184	1/2	16,593	1/2	1,310	1/2		1/2		1/2		1/2		1/2	
3/4	63,132	3/4	47,467	3/4	31,858	3/4	16,266	3/4	1,091	3/4		3/4		3/4		3/4		3/4	
9	62,806	9	47,141	9	31,532	9	15,940	9	873	9		9		9		9		9	
1/4	62,480	1/4	46,815	1/4	31,206	1/4	15,614	1/4	732	1/4		1/4		1/4		1/4		1/4	
1/2	62,153	1/2	46,489	1/2	30,880	1/2	15,288	1/2	591	1/2		1/2		1/2		1/2		1/2	
3/4	61,827	3/4	46,162	3/4	30,553	3/4	14,961	3/4	449	3/4		3/4		3/4		3/4		3/4	
10	61,500	10	45,836	10	30,227	10	14,635	10	308	10		10		10		10		10	
1/4	61,174	1/4	45,511	1/4	29,901	1/4	14,309	1/4	247	1/4		1/4		1/4		1/4		1/4	
1/2	60,848	1/2	45,185	1/2	29,574	1/2	13,982	1/2	187	1/2		1/2		1/2		1/2		1/2	
3/4	60,521	3/4	44,860	3/4	29,248	3/4	13,656	3/4	126	3/4		3/4		3/4		3/4		3/4	
11	60,195	11	44,534	11	28,921	11	13,329	11	65	11		11		11		11		11	
1/4	59,869	1/4	44,209	1/4	28,595	1/4	13,003	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59,543	1/2	43,885	1/2	28,269	1/2	12,677	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,216	3/4	43,560	3/4	27,942	3/4	12,350	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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

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



BARGE "CBC 331"

3 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	173,718	0	164,119	0	152,877	0	137,212	0	121,548	0	105,883	0	90,219
1/4		1/4		1/4		1/4	173,518	1/4	163,919	1/4	152,551	1/4	136,886	1/4	121,222	1/4	105,557	1/4	89,893
1/2		1/2		1/2		1/2	173,318	1/2	163,719	1/2	152,224	1/2	136,560	1/2	120,895	1/2	105,231	1/2	89,566
3/4		3/4		3/4		3/4	173,118	3/4	163,519	3/4	151,898	3/4	136,233	3/4	120,569	3/4	104,904	3/4	89,240
1		1		1		1	172,918	1	163,319	1	151,571	1	135,907	1	120,242	1	104,578	1	88,913
1/4		1/4		1/4		1/4	172,718	1/4	163,119	1/4	151,245	1/4	135,581	1/4	119,916	1/4	104,252	1/4	88,587
1/2		1/2		1/2		1/2	172,518	1/2	162,919	1/2	150,919	1/2	135,255	1/2	119,590	1/2	103,925	1/2	88,261
3/4		3/4		3/4		3/4	172,318	3/4	162,719	3/4	150,592	3/4	134,928	3/4	119,263	3/4	103,599	3/4	87,934
2		2		2		2	172,118	2	162,519	2	150,266	2	134,602	2	118,937	2	103,272	2	87,608
1/4		1/4		1/4		1/4	171,918	1/4	162,319	1/4	149,940	1/4	134,276	1/4	118,611	1/4	102,946	1/4	87,282
1/2		1/2		1/2		1/2	171,718	1/2	162,119	1/2	149,614	1/2	133,949	1/2	118,285	1/2	102,620	1/2	86,955
3/4		3/4		3/4		3/4	171,518	3/4	161,919	3/4	149,287	3/4	133,623	3/4	117,958	3/4	102,293	3/4	86,629
3		3		3		3	171,318	3	161,719	3	148,961	3	133,296	3	117,632	3	101,967	3	86,302
1/4		1/4		1/4		1/4	171,118	1/4	161,519	1/4	148,635	1/4	132,970	1/4	117,306	1/4	101,641	1/4	85,976
1/2		1/2		1/2		1/2	170,918	1/2	161,319	1/2	148,308	1/2	132,644	1/2	116,979	1/2	101,315	1/2	85,650
3/4		3/4		3/4		3/4	170,718	3/4	161,119	3/4	147,982	3/4	132,317	3/4	116,653	3/4	100,988	3/4	85,323
4		4		4		4	170,518	4	160,919	4	147,655	4	131,991	4	116,326	4	100,662	4	84,997
1/4		1/4		1/4		1/4	170,318	1/4	160,719	1/4	147,329	1/4	131,665	1/4	116,000	1/4	100,336	1/4	84,671
1/2		1/2		1/2		1/2	170,118	1/2	160,519	1/2	147,003	1/2	131,338	1/2	115,674	1/2	100,009	1/2	84,345
3/4		3/4		3/4		3/4	169,918	3/4	160,319	3/4	146,676	3/4	131,012	3/4	115,347	3/4	99,683	3/4	84,018
5		5		5		5	169,718	5	160,119	5	146,350	5	130,685	5	115,021	5	99,356	5	83,692
1/4		1/4		1/4		1/4	169,518	1/4	159,916	1/4	146,024	1/4	130,359	1/4	114,695	1/4	99,030	1/4	83,366
1/2		1/2		1/2		1/2	169,318	1/2	159,714	1/2	145,698	1/2	130,033	1/2	114,368	1/2	98,704	1/2	83,039
3/4		3/4		3/4		3/4	169,118	3/4	159,511	3/4	145,371	3/4	129,706	3/4	114,042	3/4	98,377	3/4	82,713
6		6		6		6	168,918	6	159,308	6	145,045	6	129,380	6	113,715	6	98,051	6	82,386
1/4		1/4		1/4		1/4	168,718	1/4	159,092	1/4	144,719	1/4	129,054	1/4	113,389	1/4	97,725	1/4	82,060
1/2		1/2		1/2		1/2	168,519	1/2	158,877	1/2	144,392	1/2	128,728	1/2	113,063	1/2	97,399	1/2	81,734
3/4		3/4		3/4		3/4	168,319	3/4	158,661	3/4	144,066	3/4	128,401	3/4	112,736	3/4	97,072	3/4	81,407
7		7		7		7	168,119	7	158,445	7	143,739	7	128,075	7	112,410	7	96,746	7	81,081
1/4		1/4		1/4		1/4	167,919	1/4	158,208	1/4	143,413	1/4	127,749	1/4	112,084	1/4	96,420	1/4	80,755
1/2		1/2		1/2		1/2	167,719	1/2	157,972	1/2	143,087	1/2	127,422	1/2	111,758	1/2	96,093	1/2	80,429
3/4		3/4		3/4		3/4	167,519	3/4	157,735	3/4	142,760	3/4	127,096	3/4	111,431	3/4	95,767	3/4	80,102
8		8		8		8	167,319	8	157,498	8	142,434	8	126,769	8	111,105	8	95,440	8	79,776
1/4		1/4		1/4		1/4	167,119	1/4	157,240	1/4	142,108	1/4	126,443	1/4	110,779	1/4	95,114	1/4	79,450
1/2		1/2		1/2		1/2	166,919	1/2	156,982	1/2	141,781	1/2	126,117	1/2	110,452	1/2	94,788	1/2	79,123
3/4		3/4		3/4		3/4	166,719	3/4	156,724	3/4	141,455	3/4	125,790	3/4	110,126	3/4	94,461	3/4	78,797
9		9		9		9	166,519	9	156,466	9	141,128	9	125,464	9	109,799	9	94,135	9	78,470
1/4		1/4		1/4		1/4	166,319	1/4	156,187	1/4	140,802	1/4	125,138	1/4	109,473	1/4	93,809	1/4	78,144
1/2		1/2		1/2		1/2	166,119	1/2	155,909	1/2	140,476	1/2	124,812	1/2	109,147	1/2	93,482	1/2	77,818
3/4		3/4		3/4		3/4	165,919	3/4	155,630	3/4	140,149	3/4	124,485	3/4	108,820	3/4	93,156	3/4	77,491
10		10		10		10	165,719	10	155,351	10	139,823	10	124,159	10	108,494	10	92,829	10	77,165
1/4		1/4		1/4		1/4	165,519	1/4	155,051	1/4	139,497	1/4	123,833	1/4	108,168	1/4	92,503	1/4	76,839
1/2		1/2		1/2		1/2	165,319	1/2	154,751	1/2	139,171	1/2	123,506	1/2	107,842	1/2	92,177	1/2	76,512
3/4		3/4		3/4		3/4	165,119	3/4	154,451	3/4	138,844	3/4	123,180	3/4	107,515	3/4	91,850	3/4	76,186
11		11		11		11	164,919	11	154,151	11	138,518	11	122,853	11	107,189	11	91,524	11	75,859
1/4		1/4		1/4		1/4	164,719	1/4	153,833	1/4	138,192	1/4	122,527	1/4	106,863	1/4	91,198	1/4	75,533
1/2		1/2		1/2		1/2	164,519	1/2	153,514	1/2	137,865	1/2	122,201	1/2	106,536	1/2	90,872	1/2	75,207
3/4		3/4		3/4		3/4	164,319	3/4	153,196	3/4	137,539	3/4	121,874	3/4	106,210	3/4	90,545	3/4	74,880

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO 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 331"

3 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	74,554	0	58,890	0	43,235	0	27,616	0	12,024	0		0		0		0		0	
1/4	74,228	1/4	58,564	1/4	42,910	1/4	27,290	1/4	11,698	1/4		1/4		1/4		1/4		1/4	
1/2	73,902	1/2	58,237	1/2	42,585	1/2	26,963	1/2	11,371	1/2		1/2		1/2		1/2		1/2	
3/4	73,575	3/4	57,911	3/4	42,260	3/4	26,637	3/4	11,045	3/4		3/4		3/4		3/4		3/4	
1	73,249	1	57,584	1	41,935	1	26,310	1	10,718	1		1		1		1		1	
1/4	72,923	1/4	57,258	1/4	41,610	1/4	25,984	1/4	10,392	1/4		1/4		1/4		1/4		1/4	
1/2	72,596	1/2	56,932	1/2	41,285	1/2	25,658	1/2	10,066	1/2		1/2		1/2		1/2		1/2	
3/4	72,270	3/4	56,605	3/4	40,960	3/4	25,331	3/4	9,739	3/4		3/4		3/4		3/4		3/4	
2	71,943	2	56,279	2	40,635	2	25,005	2	9,413	2		2		2		2		2	
1/4	71,617	1/4	55,953	1/4	40,310	1/4	24,679	1/4	9,087	1/4		1/4		1/4		1/4		1/4	
1/2	71,291	1/2	55,626	1/2	39,985	1/2	24,353	1/2	8,761	1/2		1/2		1/2		1/2		1/2	
3/4	70,964	3/4	55,300	3/4	39,660	3/4	24,026	3/4	8,434	3/4		3/4		3/4		3/4		3/4	
3	70,638	3	54,973	3	39,335	3	23,700	3	8,108	3		3		3		3		3	
1/4	70,312	1/4	54,647	1/4	39,010	1/4	23,374	1/4	7,782	1/4		1/4		1/4		1/4		1/4	
1/2	69,986	1/2	54,321	1/2	38,685	1/2	23,047	1/2	7,455	1/2		1/2		1/2		1/2		1/2	
3/4	69,659	3/4	53,994	3/4	38,360	3/4	22,721	3/4	7,129	3/4		3/4		3/4		3/4		3/4	
4	69,333	4	53,668	4	38,035	4	22,394	4	6,802	4		4		4		4		4	
1/4	69,007	1/4	53,342	1/4	37,710	1/4	22,072	1/4	6,476	1/4		1/4		1/4		1/4		1/4	
1/2	68,680	1/2	53,016	1/2	37,385	1/2	21,751	1/2	6,150	1/2		1/2		1/2		1/2		1/2	
3/4	68,354	3/4	52,689	3/4	37,060	3/4	21,429	3/4	5,823	3/4		3/4		3/4		3/4		3/4	
5	68,027	5	52,363	5	36,735	5	21,107	5	5,497	5		5		5		5		5	
1/4	67,701	1/4	52,037	1/4	36,410	1/4	20,787	1/4	5,171	1/4		1/4		1/4		1/4		1/4	
1/2	67,375	1/2	51,710	1/2	36,086	1/2	20,467	1/2	4,845	1/2		1/2		1/2		1/2		1/2	
3/4	67,048	3/4	51,384	3/4	35,761	3/4	20,146	3/4	4,518	3/4		3/4		3/4		3/4		3/4	
6	66,722	6	51,057	6	35,436	6	19,826	6	4,192	6		6		6		6		6	
1/4	66,396	1/4	50,731	1/4	35,111	1/4	19,506	1/4	3,870	1/4		1/4		1/4		1/4		1/4	
1/2	66,069	1/2	50,405	1/2	34,786	1/2	19,186	1/2	3,548	1/2		1/2		1/2		1/2		1/2	
3/4	65,743	3/4	50,078	3/4	34,461	3/4	18,865	3/4	3,226	3/4		3/4		3/4		3/4		3/4	
7	65,416	7	49,752	7	34,136	7	18,545	7	2,904	7		7		7		7		7	
1/4	65,090	1/4	49,426	1/4	33,811	1/4	18,220	1/4	2,615	1/4		1/4		1/4		1/4		1/4	
1/2	64,764	1/2	49,099	1/2	33,486	1/2	17,895	1/2	2,325	1/2		1/2		1/2		1/2		1/2	
3/4	64,437	3/4	48,773	3/4	33,161	3/4	17,570	3/4	2,036	3/4		3/4		3/4		3/4		3/4	
8	64,111	8	48,446	8	32,836	8	17,245	8	1,746	8		8		8		8		8	
1/4	63,785	1/4	48,120	1/4	32,510	1/4	16,919	1/4	1,528	1/4		1/4		1/4		1/4		1/4	
1/2	63,459	1/2	47,794	1/2	32,184	1/2	16,593	1/2	1,310	1/2		1/2		1/2		1/2		1/2	
3/4	63,132	3/4	47,467	3/4	31,858	3/4	16,266	3/4	1,091	3/4		3/4		3/4		3/4		3/4	
9	62,806	9	47,141	9	31,532	9	15,940	9	873	9		9		9		9		9	
1/4	62,480	1/4	46,815	1/4	31,206	1/4	15,614	1/4	732	1/4		1/4		1/4		1/4		1/4	
1/2	62,153	1/2	46,489	1/2	30,880	1/2	15,288	1/2	591	1/2		1/2		1/2		1/2		1/2	
3/4	61,827	3/4	46,162	3/4	30,553	3/4	14,961	3/4	449	3/4		3/4		3/4		3/4		3/4	
10	61,500	10	45,836	10	30,227	10	14,635	10	308	10		10		10		10		10	
1/4	61,174	1/4	45,511	1/4	29,901	1/4	14,309	1/4	247	1/4		1/4		1/4		1/4		1/4	
1/2	60,848	1/2	45,185	1/2	29,574	1/2	13,982	1/2	187	1/2		1/2		1/2		1/2		1/2	
3/4	60,521	3/4	44,860	3/4	29,248	3/4	13,656	3/4	126	3/4		3/4		3/4		3/4		3/4	
11	60,195	11	44,534	11	28,921	11	13,329	11	65	11		11		11		11		11	
1/4	59,869	1/4	44,209	1/4	28,595	1/4	13,003	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59,543	1/2	43,885	1/2	28,269	1/2	12,677	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,216	3/4	43,560	3/4	27,942	3/4	12,350	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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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

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