



# BARGE "CBC 1395"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
<b>1 CENTER</b>	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
<b>2 CENTER</b>	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
<b>3 CENTER</b>	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

August 17, 2017

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

<http://www.pmacorp.net>



# BARGE "CBC 1395"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,104	0	18,909	0	29,563	0	40,248	0	51,025	0	61,802	0	72,556	0	83,312	0	94,093
1/4	58	1/4	8,329	1/4	19,134	1/4	29,782	1/4	40,472	1/4	51,249	1/4	62,027	1/4	72,779	1/4	83,537	1/4	94,317
1/2	77	1/2	8,554	1/2	19,359	1/2	30,001	1/2	40,697	1/2	51,474	1/2	62,251	1/2	73,002	1/2	83,761	1/2	94,542
3/4	96	3/4	8,779	3/4	19,584	3/4	30,220	3/4	40,921	3/4	51,698	3/4	62,476	3/4	73,226	3/4	83,986	3/4	94,766
1	114	1	9,004	1	19,809	1	30,438	1	41,146	1	51,923	1	62,700	1	73,449	1	84,210	1	94,991
1/4	171	1/4	9,229	1/4	20,034	1/4	30,657	1/4	41,370	1/4	52,147	1/4	62,925	1/4	73,672	1/4	84,435	1/4	95,216
1/2	227	1/2	9,454	1/2	20,259	1/2	30,876	1/2	41,595	1/2	52,372	1/2	63,149	1/2	73,895	1/2	84,660	1/2	95,440
3/4	283	3/4	9,679	3/4	20,485	3/4	31,094	3/4	41,819	3/4	52,596	3/4	63,374	3/4	74,118	3/4	84,884	3/4	95,665
2	340	2	9,904	2	20,710	2	31,313	2	42,044	2	52,821	2	63,598	2	74,341	2	85,109	2	95,889
1/4	433	1/4	10,130	1/4	20,935	1/4	31,532	1/4	42,268	1/4	53,046	1/4	63,823	1/4	74,565	1/4	85,333	1/4	96,114
1/2	527	1/2	10,355	1/2	21,160	1/2	31,750	1/2	42,493	1/2	53,270	1/2	64,047	1/2	74,788	1/2	85,558	1/2	96,338
3/4	621	3/4	10,580	3/4	21,385	3/4	31,969	3/4	42,717	3/4	53,495	3/4	64,272	3/4	75,011	3/4	85,782	3/4	96,563
3	715	3	10,805	3	21,610	3	32,188	3	42,942	3	53,719	3	64,496	3	75,234	3	86,007	3	96,788
1/4	846	1/4	11,030	1/4	21,835	1/4	32,407	1/4	43,166	1/4	53,944	1/4	64,721	1/4	75,457	1/4	86,232	1/4	97,012
1/2	977	1/2	11,255	1/2	22,060	1/2	32,625	1/2	43,391	1/2	54,168	1/2	64,945	1/2	75,681	1/2	86,456	1/2	97,237
3/4	1,109	3/4	11,480	3/4	22,285	3/4	32,844	3/4	43,615	3/4	54,393	3/4	65,170	3/4	75,904	3/4	86,681	3/4	97,461
4	1,240	4	11,705	4	22,511	4	33,063	4	43,840	4	54,617	4	65,394	4	76,127	4	86,905	4	97,686
1/4	1,409	1/4	11,930	1/4	22,736	1/4	33,287	1/4	44,064	1/4	54,842	1/4	65,619	1/4	76,351	1/4	87,130	1/4	97,911
1/2	1,577	1/2	12,156	1/2	22,961	1/2	33,512	1/2	44,289	1/2	55,066	1/2	65,844	1/2	76,575	1/2	87,355	1/2	98,135
3/4	1,746	3/4	12,381	3/4	23,186	3/4	33,736	3/4	44,514	3/4	55,291	3/4	66,068	3/4	76,798	3/4	87,579	3/4	98,360
5	1,915	5	12,606	5	23,411	5	33,961	5	44,738	5	55,515	5	66,293	5	77,022	5	87,804	5	98,584
1/4	2,121	1/4	12,831	1/4	23,636	1/4	34,185	1/4	44,963	1/4	55,740	1/4	66,517	1/4	77,247	1/4	88,028	1/4	98,809
1/2	2,326	1/2	13,056	1/2	23,861	1/2	34,410	1/2	45,187	1/2	55,964	1/2	66,742	1/2	77,472	1/2	88,253	1/2	99,034
3/4	2,532	3/4	13,281	3/4	24,086	3/4	34,634	3/4	45,412	3/4	56,189	3/4	66,966	3/4	77,696	3/4	88,478	3/4	99,258
6	2,738	6	13,506	6	24,311	6	34,859	6	45,636	6	56,413	6	67,191	6	77,921	6	88,702	6	99,483
1/4	2,959	1/4	13,731	1/4	24,530	1/4	35,083	1/4	45,861	1/4	56,638	1/4	67,415	1/4	78,145	1/4	88,927	1/4	99,707
1/2	3,179	1/2	13,956	1/2	24,750	1/2	35,308	1/2	46,085	1/2	56,862	1/2	67,639	1/2	78,370	1/2	89,151	1/2	99,932
3/4	3,400	3/4	14,182	3/4	24,969	3/4	35,532	3/4	46,310	3/4	57,087	3/4	67,862	3/4	78,595	3/4	89,376	3/4	100,157
7	3,620	7	14,407	7	25,188	7	35,757	7	46,534	7	57,312	7	68,086	7	78,819	7	89,601	7	100,381
1/4	3,843	1/4	14,632	1/4	25,407	1/4	35,982	1/4	46,759	1/4	57,536	1/4	68,310	1/4	79,044	1/4	89,825	1/4	100,606
1/2	4,066	1/2	14,857	1/2	25,626	1/2	36,206	1/2	46,983	1/2	57,761	1/2	68,534	1/2	79,269	1/2	90,050	1/2	100,830
3/4	4,288	3/4	15,082	3/4	25,845	3/4	36,431	3/4	47,208	3/4	57,985	3/4	68,758	3/4	79,493	3/4	90,274	3/4	101,055
8	4,511	8	15,307	8	26,064	8	36,655	8	47,432	8	58,210	8	68,982	8	79,718	8	90,499	8	101,280
1/4	4,734	1/4	15,532	1/4	26,283	1/4	36,880	1/4	47,657	1/4	58,434	1/4	69,206	1/4	79,943	1/4	90,724	1/4	101,504
1/2	4,958	1/2	15,757	1/2	26,502	1/2	37,104	1/2	47,881	1/2	58,659	1/2	69,430	1/2	80,167	1/2	90,948	1/2	101,729
3/4	5,182	3/4	15,982	3/4	26,720	3/4	37,329	3/4	48,106	3/4	58,883	3/4	69,654	3/4	80,392	3/4	91,173	3/4	101,953
9	5,406	9	16,207	9	26,939	9	37,553	9	48,330	9	59,108	9	69,878	9	80,616	9	91,397	9	102,178
1/4	5,630	1/4	16,433	1/4	27,158	1/4	37,778	1/4	48,555	1/4	59,332	1/4	70,101	1/4	80,841	1/4	91,622	1/4	102,403
1/2	5,855	1/2	16,658	1/2	27,376	1/2	38,002	1/2	48,780	1/2	59,557	1/2	70,324	1/2	81,066	1/2	91,847	1/2	102,627
3/4	6,079	3/4	16,883	3/4	27,595	3/4	38,227	3/4	49,004	3/4	59,781	3/4	70,547	3/4	81,290	3/4	92,071	3/4	102,852
10	6,304	10	17,108	10	27,814	10	38,451	10	49,229	10	60,006	10	70,771	10	81,515	10	92,296	10	103,076
1/4	6,528	1/4	17,333	1/4	28,032	1/4	38,676	1/4	49,453	1/4	60,230	1/4	70,994	1/4	81,740	1/4	92,520	1/4	103,301
1/2	6,753	1/2	17,558	1/2	28,251	1/2	38,900	1/2	49,678	1/2	60,455	1/2	71,217	1/2	81,964	1/2	92,745	1/2	103,526
3/4	6,978	3/4	17,783	3/4	28,470	3/4	39,125	3/4	49,902	3/4	60,679	3/4	71,440	3/4	82,189	3/4	92,970	3/4	103,750
11	7,203	11	18,008	11	28,689	11	39,349	11	50,127	11	60,904	11	71,663	11	82,413	11	93,194	11	103,975
1/4	7,428	1/4	18,233	1/4	28,907	1/4	39,574	1/4	50,351	1/4	61,128	1/4	71,887	1/4	82,638	1/4	93,419	1/4	104,199
1/2	7,653	1/2	18,459	1/2	29,126	1/2	39,798	1/2	50,576	1/2	61,353	1/2	72,110	1/2	82,863	1/2	93,643	1/2	104,424
3/4	7,878	3/4	18,684	3/4	29,345	3/4	40,023	3/4	50,800	3/4	61,578	3/4	72,333	3/4	83,087	3/4	93,868	3/4	104,649

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD

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# BARGE "CBC 1395"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	104,873	0	114,989	0	124,463	0	133,896	0	143,311	0		0		0		0		0	
1/4	105,097	1/4	115,187	1/4	124,660	1/4	134,092	1/4	143,506	1/4		1/4		1/4		1/4		1/4	
1/2	105,322	1/2	115,384	1/2	124,857	1/2	134,289	1/2	143,701	1/2		1/2		1/2		1/2		1/2	
3/4	105,546	3/4	115,581	3/4	125,054	3/4	134,486	3/4	143,896	3/4		3/4		3/4		3/4		3/4	
1	105,770	1	115,779	1	125,251	1	134,683	1	144,090	1		1		1		1		1	
1/4	105,995	1/4	115,976	1/4	125,448	1/4	134,880	1/4	144,285	1/4		1/4		1/4		1/4		1/4	
1/2	106,219	1/2	116,174	1/2	125,645	1/2	135,077	1/2	144,480	1/2		1/2		1/2		1/2		1/2	
3/4	106,444	3/4	116,371	3/4	125,841	3/4	135,273	3/4	144,675	3/4		3/4		3/4		3/4		3/4	
2	106,668	2	116,568	2	126,038	2	135,470	2	144,869	2		2		2		2		2	
1/4	106,892	1/4	116,766	1/4	126,235	1/4	135,667	1/4	145,073	1/4		1/4		1/4		1/4		1/4	
1/2	107,117	1/2	116,963	1/2	126,432	1/2	135,864	1/2	145,277	1/2		1/2		1/2		1/2		1/2	
3/4	107,341	3/4	117,160	3/4	126,629	3/4	136,061	3/4	145,481	3/4		3/4		3/4		3/4		3/4	
3	107,565	3	117,358	3	126,826	3	136,258	3	145,684	3		3		3		3		3	
1/4	107,790	1/4	117,555	1/4	127,023	1/4	136,455	1/4	145,850	1/4		1/4		1/4		1/4		1/4	
1/2	108,014	1/2	117,753	1/2	127,219	1/2	136,651	1/2	146,017	1/2		1/2		1/2		1/2		1/2	
3/4	108,238	3/4	117,950	3/4	127,416	3/4	136,848	3/4	146,183	3/4		3/4		3/4		3/4		3/4	
4	108,463	4	118,147	4	127,613	4	137,045	4	146,349	4		4		4		4		4	
1/4	108,687	1/4	118,345	1/4	127,810	1/4	137,242	1/4	146,478	1/4		1/4		1/4		1/4		1/4	
1/2	108,911	1/2	118,542	1/2	128,007	1/2	137,439	1/2	146,606	1/2		1/2		1/2		1/2		1/2	
3/4	109,136	3/4	118,739	3/4	128,204	3/4	137,636	3/4	146,735	3/4		3/4		3/4		3/4		3/4	
5	109,360	5	118,937	5	128,401	5	137,833	5	146,864	5		5		5		5		5	
1/4	109,584	1/4	119,134	1/4	128,597	1/4	138,029	1/4	146,955	1/4		1/4		1/4		1/4		1/4	
1/2	109,809	1/2	119,332	1/2	128,794	1/2	138,226	1/2	147,046	1/2		1/2		1/2		1/2		1/2	
3/4	110,033	3/4	119,529	3/4	128,991	3/4	138,423	3/4	147,137	3/4		3/4		3/4		3/4		3/4	
6	110,257	6	119,726	6	129,188	6	138,620	6	147,228	6		6		6		6		6	
1/4	110,455	1/4	119,924	1/4	129,384	1/4	138,817	1/4	147,282	1/4		1/4		1/4		1/4		1/4	
1/2	110,652	1/2	120,121	1/2	129,580	1/2	139,014	1/2	147,335	1/2		1/2		1/2		1/2		1/2	
3/4	110,849	3/4	120,319	3/4	129,776	3/4	139,211	3/4	147,389	3/4		3/4		3/4		3/4		3/4	
7	111,046	7	120,516	7	129,973	7	139,407	7	147,443	7		7		7		7		7	
1/4	111,243	1/4	120,713	1/4	130,169	1/4	139,604	1/4	147,459	1/4		1/4		1/4		1/4		1/4	
1/2	111,440	1/2	120,911	1/2	130,365	1/2	139,801	1/2	147,475	1/2		1/2		1/2		1/2		1/2	
3/4	111,638	3/4	121,108	3/4	130,561	3/4	139,998	3/4	147,491	3/4		3/4		3/4		3/4		3/4	
8	111,835	8	121,305	8	130,757	8	140,195	8	147,507	8		8		8		8		8	
1/4	112,032	1/4	121,503	1/4	130,953	1/4	140,390	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,229	1/2	121,700	1/2	131,149	1/2	140,584	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,426	3/4	121,898	3/4	131,346	3/4	140,779	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,623	9	122,095	9	131,542	9	140,974	9		9		9		9		9		9	
1/4	112,821	1/4	122,292	1/4	131,738	1/4	141,169	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,018	1/2	122,490	1/2	131,934	1/2	141,363	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,215	3/4	122,687	3/4	132,130	3/4	141,558	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,412	10	122,884	10	132,326	10	141,753	10		10		10		10		10		10	
1/4	113,609	1/4	123,082	1/4	132,522	1/4	141,948	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,806	1/2	123,279	1/2	132,719	1/2	142,143	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,004	3/4	123,477	3/4	132,915	3/4	142,337	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,201	11	123,674	11	133,111	11	142,532	11		11		11		11		11		11	
1/4	114,398	1/4	123,871	1/4	133,307	1/4	142,727	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,595	1/2	124,069	1/2	133,503	1/2	142,922	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,792	3/4	124,266	3/4	133,699	3/4	143,116	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2017 CL  
CALCULATED: 08/17/2017 CL  
PRINTED: 08/17/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2017

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



# BARGE "CBC 1395"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,062	0	21,151	0	33,094	0	45,036	0	57,126	0	69,216	0	81,305	0	93,395	0	105,482
1/4	60	1/4	9,314	1/4	21,403	1/4	33,338	1/4	45,288	1/4	57,378	1/4	69,467	1/4	81,557	1/4	93,647	1/4	105,734
1/2	81	1/2	9,566	1/2	21,655	1/2	33,583	1/2	45,540	1/2	57,630	1/2	69,719	1/2	81,809	1/2	93,899	1/2	105,986
3/4	102	3/4	9,818	3/4	21,907	3/4	33,827	3/4	45,792	3/4	57,822	3/4	69,971	3/4	82,061	3/4	94,150	3/4	106,238
1	123	1	10,070	1	22,159	1	34,071	1	46,044	1	58,133	1	70,223	1	82,313	1	94,402	1	106,490
1/4	186	1/4	10,321	1/4	22,411	1/4	34,316	1/4	46,296	1/4	58,385	1/4	70,475	1/4	82,565	1/4	94,654	1/4	106,742
1/2	249	1/2	10,573	1/2	22,663	1/2	34,560	1/2	46,547	1/2	58,637	1/2	70,727	1/2	82,816	1/2	94,906	1/2	106,993
3/4	312	3/4	10,825	3/4	22,914	3/4	34,805	3/4	46,799	3/4	58,889	3/4	70,979	3/4	83,068	3/4	95,158	3/4	107,245
2	375	2	11,077	2	23,166	2	35,049	2	47,051	2	59,141	2	71,231	2	83,320	2	95,409	2	107,497
1/4	480	1/4	11,329	1/4	23,418	1/4	35,294	1/4	47,303	1/4	59,393	1/4	71,482	1/4	83,572	1/4	95,661	1/4	107,749
1/2	585	1/2	11,581	1/2	23,670	1/2	35,538	1/2	47,555	1/2	59,645	1/2	71,734	1/2	83,824	1/2	95,913	1/2	108,001
3/4	690	3/4	11,833	3/4	23,922	3/4	35,783	3/4	47,807	3/4	59,896	3/4	71,986	3/4	84,076	3/4	96,165	3/4	108,253
3	795	3	12,084	3	24,174	3	36,027	3	48,059	3	60,148	3	72,238	3	84,328	3	96,417	3	108,504
1/4	942	1/4	12,336	1/4	24,426	1/4	36,271	1/4	48,311	1/4	60,400	1/4	72,490	1/4	84,579	1/4	96,669	1/4	108,756
1/2	1,089	1/2	12,588	1/2	24,677	1/2	36,516	1/2	48,562	1/2	60,652	1/2	72,742	1/2	84,831	1/2	96,920	1/2	109,008
3/4	1,236	3/4	12,840	3/4	24,929	3/4	36,760	3/4	48,814	3/4	60,904	3/4	72,994	3/4	85,083	3/4	97,172	3/4	109,260
4	1,382	4	13,092	4	25,181	4	37,005	4	49,066	4	61,156	4	73,245	4	85,335	4	97,424	4	109,512
1/4	1,571	1/4	13,344	1/4	25,433	1/4	37,250	1/4	49,318	1/4	61,408	1/4	73,497	1/4	85,587	1/4	97,676	1/4	109,763
1/2	1,760	1/2	13,596	1/2	25,685	1/2	37,494	1/2	49,570	1/2	61,660	1/2	73,749	1/2	85,839	1/2	97,928	1/2	110,015
3/4	1,949	3/4	13,847	3/4	25,937	3/4	37,739	3/4	49,822	3/4	61,911	3/4	74,001	3/4	86,091	3/4	98,180	3/4	110,267
5	2,138	5	14,099	5	26,189	5	37,984	5	50,074	5	62,163	5	74,253	5	86,343	5	98,431	5	110,519
1/4	2,368	1/4	14,351	1/4	26,440	1/4	38,236	1/4	50,325	1/4	62,415	1/4	74,505	1/4	86,594	1/4	98,683	1/4	110,771
1/2	2,598	1/2	14,603	1/2	26,692	1/2	38,488	1/2	50,577	1/2	62,667	1/2	74,757	1/2	86,846	1/2	98,935	1/2	111,023
3/4	2,829	3/4	14,855	3/4	26,944	3/4	38,740	3/4	50,829	3/4	62,919	3/4	75,009	3/4	87,098	3/4	99,187	3/4	111,274
6	3,059	6	15,107	6	27,196	6	38,991	6	51,081	6	63,171	6	75,260	6	87,350	6	99,439	6	111,526
1/4	3,306	1/4	15,359	1/4	27,448	1/4	39,243	1/4	51,333	1/4	63,423	1/4	75,512	1/4	87,602	1/4	99,690	1/4	111,778
1/2	3,553	1/2	15,611	1/2	27,700	1/2	39,495	1/2	51,585	1/2	63,674	1/2	75,764	1/2	87,854	1/2	99,942	1/2	112,030
3/4	3,799	3/4	15,862	3/4	27,952	3/4	39,747	3/4	51,837	3/4	63,926	3/4	76,016	3/4	88,106	3/4	100,194	3/4	112,282
7	4,046	7	16,114	7	28,203	7	39,999	7	52,089	7	64,178	7	76,268	7	88,358	7	100,446	7	112,534
1/4	4,295	1/4	16,366	1/4	28,448	1/4	40,251	1/4	52,340	1/4	64,430	1/4	76,520	1/4	88,609	1/4	100,698	1/4	112,785
1/2	4,544	1/2	16,618	1/2	28,693	1/2	40,503	1/2	52,592	1/2	64,682	1/2	76,772	1/2	88,861	1/2	100,950	1/2	113,037
3/4	4,793	3/4	16,870	3/4	28,938	3/4	40,755	3/4	52,844	3/4	64,934	3/4	77,023	3/4	89,113	3/4	101,201	3/4	113,289
8	5,042	8	17,122	8	29,183	8	41,006	8	53,096	8	65,186	8	77,275	8	89,365	8	101,453	8	113,541
1/4	5,293	1/4	17,374	1/4	29,427	1/4	41,258	1/4	53,348	1/4	65,438	1/4	77,527	1/4	89,617	1/4	101,705	1/4	113,793
1/2	5,543	1/2	17,625	1/2	29,672	1/2	41,510	1/2	53,600	1/2	65,689	1/2	77,779	1/2	89,869	1/2	101,957	1/2	114,044
3/4	5,793	3/4	17,877	3/4	29,916	3/4	41,762	3/4	53,852	3/4	65,941	3/4	78,031	3/4	90,121	3/4	102,209	3/4	114,296
9	6,044	9	18,129	9	30,160	9	42,014	9	54,104	9	66,193	9	78,283	9	90,372	9	102,461	9	114,548
1/4	6,295	1/4	18,381	1/4	30,405	1/4	42,266	1/4	54,355	1/4	66,445	1/4	78,535	1/4	90,624	1/4	102,712	1/4	114,800
1/2	6,546	1/2	18,633	1/2	30,649	1/2	42,518	1/2	54,607	1/2	66,697	1/2	78,787	1/2	90,876	1/2	102,964	1/2	115,052
3/4	6,797	3/4	18,885	3/4	30,894	3/4	42,769	3/4	54,859	3/4	66,949	3/4	79,038	3/4	91,128	3/4	103,216	3/4	115,304
10	7,048	10	19,137	10	31,138	10	43,021	10	55,111	10	67,201	10	79,290	10	91,380	10	103,468	10	115,555
1/4	7,300	1/4	19,388	1/4	31,383	1/4	43,273	1/4	55,363	1/4	67,452	1/4	79,542	1/4	91,632	1/4	103,720	1/4	115,807
1/2	7,552	1/2	19,640	1/2	31,627	1/2	43,525	1/2	55,615	1/2	67,704	1/2	79,794	1/2	91,884	1/2	103,971	1/2	116,059
3/4	7,803	3/4	19,892	3/4	31,871	3/4	43,777	3/4	55,867	3/4	67,956	3/4	80,046	3/4	92,136	3/4	104,223	3/4	116,311
11	8,055	11	20,144	11	32,116	11	44,029	11	56,118	11	68,208	11	80,298	11	92,387	11	104,475	11	116,563
1/4	8,307	1/4	20,396	1/4	32,360	1/4	44,281	1/4	56,370	1/4	68,460	1/4	80,550	1/4	92,639	1/4	104,727	1/4	116,815
1/2	8,559	1/2	20,648	1/2	32,605	1/2	44,533	1/2	56,622	1/2	68,712	1/2	80,801	1/2	92,891	1/2	104,979	1/2	117,066
3/4	8,810	3/4	20,900	3/4	32,849	3/4	44,784	3/4	56,874	3/4	68,964	3/4	81,053	3/4	93,143	3/4	105,231	3/4	117,318

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD

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



# BARGE "CBC 1395"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	117,570	0	129,658	0	141,745	0	153,766	0	165,749	0		0		0		0		0	
1/4	117,822	1/4	129,909	1/4	141,996	1/4	154,016	1/4	165,997	1/4		1/4		1/4		1/4		1/4	
1/2	118,074	1/2	130,161	1/2	142,246	1/2	154,266	1/2	166,245	1/2		1/2		1/2		1/2		1/2	
3/4	118,325	3/4	130,413	3/4	142,496	3/4	154,517	3/4	166,493	3/4		3/4		3/4		3/4		3/4	
1	118,577	1	130,665	1	142,747	1	154,767	1	166,741	1		1		1		1		1	
1/4	118,829	1/4	130,917	1/4	142,997	1/4	155,018	1/4	166,989	1/4		1/4		1/4		1/4		1/4	
1/2	119,081	1/2	131,169	1/2	143,248	1/2	155,268	1/2	167,238	1/2		1/2		1/2		1/2		1/2	
3/4	119,333	3/4	131,420	3/4	143,498	3/4	155,518	3/4	167,486	3/4		3/4		3/4		3/4		3/4	
2	119,585	2	131,672	2	143,749	2	155,769	2	167,734	2		2		2		2		2	
1/4	119,836	1/4	131,924	1/4	143,999	1/4	156,019	1/4	167,961	1/4		1/4		1/4		1/4		1/4	
1/2	120,088	1/2	132,176	1/2	144,249	1/2	156,270	1/2	168,188	1/2		1/2		1/2		1/2		1/2	
3/4	120,340	3/4	132,428	3/4	144,500	3/4	156,520	3/4	168,415	3/4		3/4		3/4		3/4		3/4	
3	120,592	3	132,679	3	144,750	3	156,771	3	168,642	3		3		3		3		3	
1/4	120,844	1/4	132,931	1/4	145,001	1/4	157,021	1/4	168,827	1/4		1/4		1/4		1/4		1/4	
1/2	121,096	1/2	133,183	1/2	145,251	1/2	157,271	1/2	169,013	1/2		1/2		1/2		1/2		1/2	
3/4	121,347	3/4	133,435	3/4	145,502	3/4	157,522	3/4	169,198	3/4		3/4		3/4		3/4		3/4	
4	121,599	4	133,687	4	145,752	4	157,772	4	169,383	4		4		4		4		4	
1/4	121,851	1/4	133,939	1/4	146,002	1/4	158,023	1/4	169,526	1/4		1/4		1/4		1/4		1/4	
1/2	122,103	1/2	134,190	1/2	146,253	1/2	158,273	1/2	169,669	1/2		1/2		1/2		1/2		1/2	
3/4	122,355	3/4	134,442	3/4	146,503	3/4	158,524	3/4	169,812	3/4		3/4		3/4		3/4		3/4	
5	122,606	5	134,694	5	146,754	5	158,774	5	169,955	5		5		5		5		5	
1/4	122,858	1/4	134,946	1/4	147,004	1/4	159,024	1/4	170,057	1/4		1/4		1/4		1/4		1/4	
1/2	123,110	1/2	135,198	1/2	147,254	1/2	159,275	1/2	170,158	1/2		1/2		1/2		1/2		1/2	
3/4	123,362	3/4	135,450	3/4	147,505	3/4	159,525	3/4	170,259	3/4		3/4		3/4		3/4		3/4	
6	123,614	6	135,701	6	147,755	6	159,776	6	170,360	6		6		6		6		6	
1/4	123,866	1/4	135,953	1/4	148,006	1/4	160,026	1/4	170,419	1/4		1/4		1/4		1/4		1/4	
1/2	124,117	1/2	136,205	1/2	148,256	1/2	160,277	1/2	170,479	1/2		1/2		1/2		1/2		1/2	
3/4	124,369	3/4	136,457	3/4	148,507	3/4	160,527	3/4	170,538	3/4		3/4		3/4		3/4		3/4	
7	124,621	7	136,709	7	148,757	7	160,777	7	170,597	7		7		7		7		7	
1/4	124,873	1/4	136,960	1/4	149,007	1/4	161,028	1/4	170,614	1/4		1/4		1/4		1/4		1/4	
1/2	125,125	1/2	137,212	1/2	149,258	1/2	161,278	1/2	170,631	1/2		1/2		1/2		1/2		1/2	
3/4	125,377	3/4	137,464	3/4	149,508	3/4	161,529	3/4	170,649	3/4		3/4		3/4		3/4		3/4	
8	125,628	8	137,716	8	149,759	8	161,779	8	170,666	8		8		8		8		8	
1/4	125,880	1/4	137,968	1/4	150,009	1/4	162,027	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,132	1/2	138,220	1/2	150,260	1/2	162,275	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,384	3/4	138,471	3/4	150,510	3/4	162,523	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,636	9	138,723	9	150,760	9	162,772	9		9		9		9		9		9	
1/4	126,888	1/4	138,975	1/4	151,011	1/4	163,020	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,139	1/2	139,227	1/2	151,261	1/2	163,268	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,391	3/4	139,479	3/4	151,512	3/4	163,516	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,643	10	139,731	10	151,762	10	163,764	10		10		10		10		10		10	
1/4	127,895	1/4	139,982	1/4	152,013	1/4	164,012	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,147	1/2	140,234	1/2	152,263	1/2	164,260	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,398	3/4	140,486	3/4	152,513	3/4	164,508	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,650	11	140,738	11	152,764	11	164,756	11		11		11		11		11		11	
1/4	128,902	1/4	140,990	1/4	153,014	1/4	165,005	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,154	1/2	141,242	1/2	153,265	1/2	165,253	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,406	3/4	141,493	3/4	153,515	3/4	165,501	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2017 CL  
CALCULATED: 08/17/2017 CL  
PRINTED: 08/17/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2017

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



# BARGE "CBC 1395"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,068	0	18,825	0	29,567	0	40,313	0	51,071	0	61,828	0	72,585	0	83,343	0	94,098
1/4	58	1/4	8,292	1/4	19,049	1/4	29,791	1/4	40,537	1/4	51,295	1/4	62,052	1/4	72,809	1/4	83,567	1/4	94,322
1/2	77	1/2	8,516	1/2	19,273	1/2	30,014	1/2	40,761	1/2	51,519	1/2	62,276	1/2	73,033	1/2	83,791	1/2	94,546
3/4	95	3/4	8,740	3/4	19,497	3/4	30,238	3/4	40,986	3/4	51,743	3/4	62,500	3/4	73,258	3/4	84,015	3/4	94,770
1	114	1	8,964	1	19,721	1	30,461	1	41,210	1	51,967	1	62,724	1	73,482	1	84,239	1	94,994
1/4	170	1/4	9,188	1/4	19,945	1/4	30,684	1/4	41,434	1/4	52,191	1/4	62,948	1/4	73,706	1/4	84,463	1/4	95,218
1/2	226	1/2	9,412	1/2	20,169	1/2	30,908	1/2	41,658	1/2	52,415	1/2	63,173	1/2	73,930	1/2	84,687	1/2	95,442
3/4	282	3/4	9,637	3/4	20,393	3/4	31,131	3/4	41,882	3/4	52,639	3/4	63,397	3/4	74,154	3/4	84,911	3/4	95,667
2	338	2	9,861	2	20,618	2	31,355	2	42,106	2	52,863	2	63,621	2	74,378	2	85,135	2	95,891
1/4	432	1/4	10,085	1/4	20,842	1/4	31,578	1/4	42,330	1/4	53,088	1/4	63,845	1/4	74,602	1/4	85,359	1/4	96,115
1/2	525	1/2	10,309	1/2	21,066	1/2	31,801	1/2	42,554	1/2	53,312	1/2	64,069	1/2	74,826	1/2	85,583	1/2	96,339
3/4	618	3/4	10,533	3/4	21,290	3/4	32,025	3/4	42,778	3/4	53,536	3/4	64,293	3/4	75,050	3/4	85,807	3/4	96,563
3	712	3	10,757	3	21,514	3	32,248	3	43,003	3	53,760	3	64,517	3	75,275	3	86,031	3	96,787
1/4	842	1/4	10,981	1/4	21,738	1/4	32,472	1/4	43,227	1/4	53,984	1/4	64,741	1/4	75,499	1/4	86,255	1/4	97,011
1/2	973	1/2	11,205	1/2	21,962	1/2	32,695	1/2	43,451	1/2	54,208	1/2	64,965	1/2	75,723	1/2	86,480	1/2	97,235
3/4	1,104	3/4	11,429	3/4	22,186	3/4	32,918	3/4	43,675	3/4	54,432	3/4	65,190	3/4	75,947	3/4	86,704	3/4	97,459
4	1,235	4	11,654	4	22,410	4	33,142	4	43,899	4	54,656	4	65,414	4	76,171	4	86,928	4	97,683
1/4	1,403	1/4	11,878	1/4	22,634	1/4	33,366	1/4	44,123	1/4	54,880	1/4	65,638	1/4	76,395	1/4	87,152	1/4	97,907
1/2	1,571	1/2	12,102	1/2	22,859	1/2	33,590	1/2	44,347	1/2	55,105	1/2	65,862	1/2	76,619	1/2	87,376	1/2	98,131
3/4	1,739	3/4	12,326	3/4	23,083	3/4	33,814	3/4	44,571	3/4	55,329	3/4	66,086	3/4	76,843	3/4	87,600	3/4	98,355
5	1,907	5	12,550	5	23,307	5	34,038	5	44,795	5	55,553	5	66,310	5	77,067	5	87,824	5	98,579
1/4	2,112	1/4	12,774	1/4	23,531	1/4	34,262	1/4	45,020	1/4	55,777	1/4	66,534	1/4	77,292	1/4	88,048	1/4	98,804
1/2	2,317	1/2	12,998	1/2	23,755	1/2	34,486	1/2	45,244	1/2	56,001	1/2	66,758	1/2	77,516	1/2	88,272	1/2	99,028
3/4	2,521	3/4	13,222	3/4	23,979	3/4	34,710	3/4	45,468	3/4	56,225	3/4	66,982	3/4	77,740	3/4	88,496	3/4	99,252
6	2,726	6	13,446	6	24,203	6	34,935	6	45,692	6	56,449	6	67,207	6	77,964	6	88,720	6	99,476
1/4	2,946	1/4	13,670	1/4	24,427	1/4	35,159	1/4	45,916	1/4	56,673	1/4	67,431	1/4	78,188	1/4	88,944	1/4	99,700
1/2	3,165	1/2	13,895	1/2	24,651	1/2	35,383	1/2	46,140	1/2	56,897	1/2	67,655	1/2	78,412	1/2	89,168	1/2	99,924
3/4	3,385	3/4	14,119	3/4	24,874	3/4	35,607	3/4	46,364	3/4	57,122	3/4	67,879	3/4	78,636	3/4	89,393	3/4	100,148
7	3,605	7	14,343	7	25,098	7	35,831	7	46,588	7	57,346	7	68,103	7	78,860	7	89,617	7	100,372
1/4	3,826	1/4	14,567	1/4	25,322	1/4	36,055	1/4	46,812	1/4	57,570	1/4	68,327	1/4	79,084	1/4	89,841	1/4	100,596
1/2	4,048	1/2	14,791	1/2	25,546	1/2	36,279	1/2	47,037	1/2	57,794	1/2	68,551	1/2	79,309	1/2	90,065	1/2	100,820
3/4	4,270	3/4	15,015	3/4	25,769	3/4	36,503	3/4	47,261	3/4	58,018	3/4	68,775	3/4	79,533	3/4	90,289	3/4	101,044
8	4,491	8	15,239	8	25,993	8	36,727	8	47,485	8	58,242	8	68,999	8	79,757	8	90,513	8	101,268
1/4	4,714	1/4	15,463	1/4	26,217	1/4	36,952	1/4	47,709	1/4	58,466	1/4	69,224	1/4	79,981	1/4	90,737	1/4	101,492
1/2	4,937	1/2	15,687	1/2	26,440	1/2	37,176	1/2	47,933	1/2	58,690	1/2	69,448	1/2	80,205	1/2	90,961	1/2	101,717
3/4	5,159	3/4	15,911	3/4	26,663	3/4	37,400	3/4	48,157	3/4	58,914	3/4	69,672	3/4	80,429	3/4	91,185	3/4	101,941
9	5,382	9	16,136	9	26,887	9	37,624	9	48,381	9	59,139	9	69,896	9	80,653	9	91,409	9	102,165
1/4	5,606	1/4	16,360	1/4	27,110	1/4	37,848	1/4	48,605	1/4	59,363	1/4	70,120	1/4	80,877	1/4	91,633	1/4	102,389
1/2	5,829	1/2	16,584	1/2	27,334	1/2	38,072	1/2	48,829	1/2	59,587	1/2	70,344	1/2	81,101	1/2	91,857	1/2	102,613
3/4	6,052	3/4	16,808	3/4	27,557	3/4	38,296	3/4	49,054	3/4	59,811	3/4	70,568	3/4	81,326	3/4	92,081	3/4	102,837
10	6,276	10	17,032	10	27,780	10	38,520	10	49,278	10	60,035	10	70,792	10	81,550	10	92,305	10	103,061
1/4	6,500	1/4	17,256	1/4	28,004	1/4	38,744	1/4	49,502	1/4	60,259	1/4	71,016	1/4	81,774	1/4	92,530	1/4	103,285
1/2	6,724	1/2	17,480	1/2	28,227	1/2	38,969	1/2	49,726	1/2	60,483	1/2	71,241	1/2	81,998	1/2	92,754	1/2	103,509
3/4	6,948	3/4	17,704	3/4	28,450	3/4	39,193	3/4	49,950	3/4	60,707	3/4	71,465	3/4	82,222	3/4	92,978	3/4	103,733
11	7,172	11	17,928	11	28,674	11	39,417	11	50,174	11	60,931	11	71,689	11	82,446	11	93,202	11	103,957
1/4	7,396	1/4	18,152	1/4	28,897	1/4	39,641	1/4	50,398	1/4	61,156	1/4	71,913	1/4	82,670	1/4	93,426	1/4	104,181
1/2	7,620	1/2	18,377	1/2	29,121	1/2	39,865	1/2	50,622	1/2	61,380	1/2	72,137	1/2	82,894	1/2	93,650	1/2	104,405
3/4	7,844	3/4	18,601	3/4	29,344	3/4	40,089	3/4	50,846	3/4	61,604	3/4	72,361	3/4	83,118	3/4	93,874	3/4	104,629

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 1395"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	104,854	0	115,609	0	126,365	0	137,061	0	147,725	0		0		0		0		0	
1/4	105,078	1/4	115,833	1/4	126,587	1/4	137,284	1/4	147,945	1/4		1/4		1/4		1/4		1/4	
1/2	105,302	1/2	116,057	1/2	126,810	1/2	137,507	1/2	148,166	1/2		1/2		1/2		1/2		1/2	
3/4	105,526	3/4	116,281	3/4	127,033	3/4	137,730	3/4	148,387	3/4		3/4		3/4		3/4		3/4	
1	105,750	1	116,505	1	127,256	1	137,952	1	148,608	1		1		1		1		1	
1/4	105,974	1/4	116,729	1/4	127,479	1/4	138,175	1/4	148,829	1/4		1/4		1/4		1/4		1/4	
1/2	106,198	1/2	116,953	1/2	127,702	1/2	138,398	1/2	149,049	1/2		1/2		1/2		1/2		1/2	
3/4	106,422	3/4	117,178	3/4	127,924	3/4	138,621	3/4	149,270	3/4		3/4		3/4		3/4		3/4	
2	106,646	2	117,402	2	128,147	2	138,844	2	149,491	2		2		2		2		2	
1/4	106,870	1/4	117,626	1/4	128,370	1/4	139,067	1/4	149,693	1/4		1/4		1/4		1/4		1/4	
1/2	107,094	1/2	117,850	1/2	128,593	1/2	139,290	1/2	149,895	1/2		1/2		1/2		1/2		1/2	
3/4	107,318	3/4	118,074	3/4	128,816	3/4	139,512	3/4	150,097	3/4		3/4		3/4		3/4		3/4	
3	107,542	3	118,298	3	129,039	3	139,735	3	150,299	3		3		3		3		3	
1/4	107,766	1/4	118,522	1/4	129,262	1/4	139,958	1/4	150,464	1/4		1/4		1/4		1/4		1/4	
1/2	107,991	1/2	118,746	1/2	129,484	1/2	140,181	1/2	150,629	1/2		1/2		1/2		1/2		1/2	
3/4	108,215	3/4	118,970	3/4	129,707	3/4	140,404	3/4	150,794	3/4		3/4		3/4		3/4		3/4	
4	108,439	4	119,194	4	129,930	4	140,627	4	150,958	4		4		4		4		4	
1/4	108,663	1/4	119,418	1/4	130,153	1/4	140,849	1/4	151,086	1/4		1/4		1/4		1/4		1/4	
1/2	108,887	1/2	119,642	1/2	130,376	1/2	141,072	1/2	151,213	1/2		1/2		1/2		1/2		1/2	
3/4	109,111	3/4	119,866	3/4	130,599	3/4	141,295	3/4	151,341	3/4		3/4		3/4		3/4		3/4	
5	109,335	5	120,090	5	130,821	5	141,518	5	151,468	5		5		5		5		5	
1/4	109,559	1/4	120,315	1/4	131,044	1/4	141,741	1/4	151,558	1/4		1/4		1/4		1/4		1/4	
1/2	109,783	1/2	120,539	1/2	131,267	1/2	141,964	1/2	151,648	1/2		1/2		1/2		1/2		1/2	
3/4	110,007	3/4	120,763	3/4	131,490	3/4	142,186	3/4	151,738	3/4		3/4		3/4		3/4		3/4	
6	110,231	6	120,987	6	131,713	6	142,409	6	151,828	6		6		6		6		6	
1/4	110,455	1/4	121,211	1/4	131,936	1/4	142,632	1/4	151,881	1/4		1/4		1/4		1/4		1/4	
1/2	110,679	1/2	121,435	1/2	132,158	1/2	142,855	1/2	151,934	1/2		1/2		1/2		1/2		1/2	
3/4	110,903	3/4	121,659	3/4	132,381	3/4	143,078	3/4	151,986	3/4		3/4		3/4		3/4		3/4	
7	111,128	7	121,883	7	132,604	7	143,301	7	152,039	7		7		7		7		7	
1/4	111,352	1/4	122,107	1/4	132,827	1/4	143,524	1/4	152,054	1/4		1/4		1/4		1/4		1/4	
1/2	111,576	1/2	122,331	1/2	133,050	1/2	143,746	1/2	152,070	1/2		1/2		1/2		1/2		1/2	
3/4	111,800	3/4	122,555	3/4	133,273	3/4	143,969	3/4	152,085	3/4		3/4		3/4		3/4		3/4	
8	112,024	8	122,779	8	133,496	8	144,192	8	152,100	8		8		8		8		8	
1/4	112,248	1/4	123,003	1/4	133,718	1/4	144,413	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,472	1/2	123,228	1/2	133,941	1/2	144,634	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,696	3/4	123,452	3/4	134,164	3/4	144,854	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,920	9	123,676	9	134,387	9	145,075	9		9		9		9		9		9	
1/4	113,144	1/4	123,900	1/4	134,610	1/4	145,296	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,368	1/2	124,124	1/2	134,833	1/2	145,517	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,592	3/4	124,348	3/4	135,055	3/4	145,738	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,816	10	124,572	10	135,278	10	145,958	10		10		10		10		10		10	
1/4	114,041	1/4	124,796	1/4	135,501	1/4	146,179	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,265	1/2	125,020	1/2	135,724	1/2	146,400	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,489	3/4	125,244	3/4	135,947	3/4	146,621	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,713	11	125,468	11	136,170	11	146,842	11		11		11		11		11		11	
1/4	114,937	1/4	125,692	1/4	136,393	1/4	147,062	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,161	1/2	125,916	1/2	136,615	1/2	147,283	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,385	3/4	126,140	3/4	136,838	3/4	147,504	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2017 CL  
CALCULATED: 08/17/2017 CL  
PRINTED: 08/17/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2017

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1395"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
<b>1 CENTER</b>	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
<b>2 CENTER</b>	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
<b>3 CENTER</b>	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

August 17, 2017

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

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# BARGE "CBC 1395"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	0	0	0	140,390	0	130,953	0	121,503	0	112,032	0	101,504	0	90,724	0	79,943
1/4	1/4	1/4	1/4	1/4	147,507	1/4	140,195	1/4	130,757	1/4	121,305	1/4	111,835	1/4	101,280	1/4	90,499	1/4	79,718
1/2	1/2	1/2	1/2	1/2	147,491	1/2	139,998	1/2	130,561	1/2	121,108	1/2	111,638	1/2	101,055	1/2	90,274	1/2	79,493
3/4	3/4	3/4	3/4	3/4	147,475	3/4	139,801	3/4	130,365	3/4	120,911	3/4	111,440	3/4	100,830	3/4	90,050	3/4	79,269
1	1	1	1	1	147,459	1	139,604	1	130,169	1	120,713	1	111,243	1	100,606	1	89,825	1	79,044
1/4	1/4	1/4	1/4	1/4	147,443	1/4	139,407	1/4	129,973	1/4	120,516	1/4	111,046	1/4	100,381	1/4	89,601	1/4	78,819
1/2	1/2	1/2	1/2	1/2	147,389	1/2	139,211	1/2	129,776	1/2	120,319	1/2	110,849	1/2	100,157	1/2	89,376	1/2	78,595
3/4	3/4	3/4	3/4	3/4	147,335	3/4	139,014	3/4	129,580	3/4	120,121	3/4	110,652	3/4	99,932	3/4	89,151	3/4	78,370
2	2	2	2	2	147,282	2	138,817	2	129,384	2	119,924	2	110,455	2	99,707	2	88,927	2	78,145
1/4	1/4	1/4	1/4	1/4	147,228	1/4	138,620	1/4	129,188	1/4	119,726	1/4	110,257	1/4	99,483	1/4	88,702	1/4	77,921
1/2	1/2	1/2	1/2	1/2	147,137	1/2	138,423	1/2	128,991	1/2	119,529	1/2	110,033	1/2	99,258	1/2	88,478	1/2	77,696
3/4	3/4	3/4	3/4	3/4	147,046	3/4	138,226	3/4	128,794	3/4	119,332	3/4	109,809	3/4	99,034	3/4	88,253	3/4	77,472
3	3	3	3	3	146,955	3	138,029	3	128,597	3	119,134	3	109,584	3	98,809	3	88,028	3	77,247
1/4	1/4	1/4	1/4	1/4	146,864	1/4	137,833	1/4	128,401	1/4	118,937	1/4	109,360	1/4	98,584	1/4	87,804	1/4	77,022
1/2	1/2	1/2	1/2	1/2	146,735	1/2	137,636	1/2	128,204	1/2	118,739	1/2	109,136	1/2	98,360	1/2	87,579	1/2	76,798
3/4	3/4	3/4	3/4	3/4	146,606	3/4	137,439	3/4	128,007	3/4	118,542	3/4	108,911	3/4	98,135	3/4	87,355	3/4	76,575
4	4	4	4	4	146,478	4	137,242	4	127,810	4	118,345	4	108,687	4	97,911	4	87,130	4	76,351
1/4	1/4	1/4	1/4	1/4	146,349	1/4	137,045	1/4	127,613	1/4	118,147	1/4	108,463	1/4	97,686	1/4	86,905	1/4	76,127
1/2	1/2	1/2	1/2	1/2	146,183	1/2	136,848	1/2	127,416	1/2	117,950	1/2	108,238	1/2	97,461	1/2	86,681	1/2	75,904
3/4	3/4	3/4	3/4	3/4	146,017	3/4	136,651	3/4	127,219	3/4	117,753	3/4	108,014	3/4	97,237	3/4	86,456	3/4	75,681
5	5	5	5	5	145,850	5	136,455	5	127,023	5	117,555	5	107,790	5	97,012	5	86,232	5	75,457
1/4	1/4	1/4	1/4	1/4	145,684	1/4	136,258	1/4	126,826	1/4	117,358	1/4	107,565	1/4	96,788	1/4	86,007	1/4	75,234
1/2	1/2	1/2	1/2	1/2	145,481	1/2	136,061	1/2	126,629	1/2	117,160	1/2	107,341	1/2	96,563	1/2	85,782	1/2	75,011
3/4	3/4	3/4	3/4	3/4	145,277	3/4	135,864	3/4	126,432	3/4	116,963	3/4	107,117	3/4	96,338	3/4	85,558	3/4	74,788
6	6	6	6	6	145,073	6	135,667	6	126,235	6	116,766	6	106,892	6	96,114	6	85,333	6	74,565
1/4	1/4	1/4	1/4	1/4	144,869	1/4	135,470	1/4	126,038	1/4	116,568	1/4	106,668	1/4	95,889	1/4	85,109	1/4	74,341
1/2	1/2	1/2	1/2	1/2	144,675	1/2	135,273	1/2	125,841	1/2	116,371	1/2	106,444	1/2	95,665	1/2	84,884	1/2	74,118
3/4	3/4	3/4	3/4	3/4	144,480	3/4	135,077	3/4	125,645	3/4	116,174	3/4	106,219	3/4	95,440	3/4	84,660	3/4	73,895
7	7	7	7	7	144,285	7	134,880	7	125,448	7	115,976	7	105,995	7	95,216	7	84,435	7	73,672
1/4	1/4	1/4	1/4	1/4	144,090	1/4	134,683	1/4	125,251	1/4	115,779	1/4	105,770	1/4	94,991	1/4	84,210	1/4	73,449
1/2	1/2	1/2	1/2	1/2	143,896	1/2	134,486	1/2	125,054	1/2	115,581	1/2	105,546	1/2	94,766	1/2	83,986	1/2	73,226
3/4	3/4	3/4	3/4	3/4	143,701	3/4	134,289	3/4	124,857	3/4	115,384	3/4	105,322	3/4	94,542	3/4	83,761	3/4	73,002
8	8	8	8	8	143,506	8	134,092	8	124,660	8	115,187	8	105,097	8	94,317	8	83,537	8	72,779
1/4	1/4	1/4	1/4	1/4	143,311	1/4	133,896	1/4	124,463	1/4	114,989	1/4	104,873	1/4	94,093	1/4	83,312	1/4	72,556
1/2	1/2	1/2	1/2	1/2	143,116	1/2	133,699	1/2	124,266	1/2	114,792	1/2	104,649	1/2	93,868	1/2	83,087	1/2	72,333
3/4	3/4	3/4	3/4	3/4	142,922	3/4	133,503	3/4	124,069	3/4	114,595	3/4	104,424	3/4	93,643	3/4	82,863	3/4	72,110
9	9	9	9	9	142,727	9	133,307	9	123,871	9	114,398	9	104,199	9	93,419	9	82,638	9	71,887
1/4	1/4	1/4	1/4	1/4	142,532	1/4	133,111	1/4	123,674	1/4	114,201	1/4	103,975	1/4	93,194	1/4	82,413	1/4	71,663
1/2	1/2	1/2	1/2	1/2	142,337	1/2	132,915	1/2	123,477	1/2	114,004	1/2	103,750	1/2	92,970	1/2	82,189	1/2	71,440
3/4	3/4	3/4	3/4	3/4	142,143	3/4	132,719	3/4	123,279	3/4	113,806	3/4	103,526	3/4	92,745	3/4	81,964	3/4	71,217
10	10	10	10	10	141,948	10	132,522	10	123,082	10	113,609	10	103,301	10	92,520	10	81,740	10	70,994
1/4	1/4	1/4	1/4	1/4	141,753	1/4	132,326	1/4	122,884	1/4	113,412	1/4	103,076	1/4	92,296	1/4	81,515	1/4	70,771
1/2	1/2	1/2	1/2	1/2	141,558	1/2	132,130	1/2	122,687	1/2	113,215	1/2	102,852	1/2	92,071	1/2	81,290	1/2	70,547
3/4	3/4	3/4	3/4	3/4	141,363	3/4	131,934	3/4	122,490	3/4	113,018	3/4	102,627	3/4	91,847	3/4	81,066	3/4	70,324
11	11	11	11	11	141,169	11	131,738	11	122,292	11	112,821	11	102,403	11	91,622	11	80,841	11	70,101
1/4	1/4	1/4	1/4	1/4	140,974	1/4	131,542	1/4	122,095	1/4	112,623	1/4	102,178	1/4	91,397	1/4	80,616	1/4	69,878
1/2	1/2	1/2	1/2	1/2	140,779	1/2	131,346	1/2	121,898	1/2	112,426	1/2	101,953	1/2	91,173	1/2	80,392	1/2	69,654
3/4	3/4	3/4	3/4	3/4	140,584	3/4	131,149	3/4	121,700	3/4	112,229	3/4	101,729	3/4	90,948	3/4	80,167	3/4	69,430

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CBC 1395"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	69,206	0	58,434	0	47,657	0	36,880	0	26,283	0	15,532	0	4,734	0		0			
1/4	68,982	1/4	58,210	1/4	47,432	1/4	36,655	1/4	26,064	1/4	15,307	1/4	4,511	1/4		0		1/4	1/4
1/2	68,758	1/2	57,985	1/2	47,208	1/2	36,431	1/2	25,845	1/2	15,082	1/2	4,288	1/2		1/2		1/2	1/2
3/4	68,534	3/4	57,761	3/4	46,983	3/4	36,206	3/4	25,626	3/4	14,857	3/4	4,066	3/4		3/4		3/4	3/4
1	68,310	1	57,536	1	46,759	1	35,982	1	25,407	1	14,632	1	3,843	1		1		1	1
1/4	68,086	1/4	57,312	1/4	46,534	1/4	35,757	1/4	25,188	1/4	14,407	1/4	3,620	1/4		1/4		1/4	1/4
1/2	67,862	1/2	57,087	1/2	46,310	1/2	35,532	1/2	24,969	1/2	14,182	1/2	3,400	1/2		1/2		1/2	1/2
3/4	67,639	3/4	56,862	3/4	46,085	3/4	35,308	3/4	24,750	3/4	13,956	3/4	3,179	3/4		3/4		3/4	3/4
2	67,415	2	56,638	2	45,861	2	35,083	2	24,530	2	13,731	2	2,959	2		2		2	2
1/4	67,191	1/4	56,413	1/4	45,636	1/4	34,859	1/4	24,311	1/4	13,506	1/4	2,738	1/4		1/4		1/4	1/4
1/2	66,966	1/2	56,189	1/2	45,412	1/2	34,634	1/2	24,086	1/2	13,281	1/2	2,532	1/2		1/2		1/2	1/2
3/4	66,742	3/4	55,964	3/4	45,187	3/4	34,410	3/4	23,861	3/4	13,056	3/4	2,326	3/4		3/4		3/4	3/4
3	66,517	3	55,740	3	44,963	3	34,185	3	23,636	3	12,831	3	2,121	3		3		3	3
1/4	66,293	1/4	55,515	1/4	44,738	1/4	33,961	1/4	23,411	1/4	12,606	1/4	1,915	1/4		1/4		1/4	1/4
1/2	66,068	1/2	55,291	1/2	44,514	1/2	33,736	1/2	23,186	1/2	12,381	1/2	1,746	1/2		1/2		1/2	1/2
3/4	65,844	3/4	55,066	3/4	44,289	3/4	33,512	3/4	22,961	3/4	12,156	3/4	1,577	3/4		3/4		3/4	3/4
4	65,619	4	54,842	4	44,064	4	33,287	4	22,736	4	11,930	4	1,409	4		4		4	4
1/4	65,394	1/4	54,617	1/4	43,840	1/4	33,063	1/4	22,511	1/4	11,705	1/4	1,240	1/4		1/4		1/4	1/4
1/2	65,170	1/2	54,393	1/2	43,615	1/2	32,844	1/2	22,285	1/2	11,480	1/2	1,109	1/2		1/2		1/2	1/2
3/4	64,945	3/4	54,168	3/4	43,391	3/4	32,625	3/4	22,060	3/4	11,255	3/4	977	3/4		3/4		3/4	3/4
5	64,721	5	53,944	5	43,166	5	32,407	5	21,835	5	11,030	5	846	5		5		5	5
1/4	64,496	1/4	53,719	1/4	42,942	1/4	32,188	1/4	21,610	1/4	10,805	1/4	715	1/4		1/4		1/4	1/4
1/2	64,272	1/2	53,495	1/2	42,717	1/2	31,969	1/2	21,385	1/2	10,580	1/2	621	1/2		1/2		1/2	1/2
3/4	64,047	3/4	53,270	3/4	42,493	3/4	31,750	3/4	21,160	3/4	10,355	3/4	527	3/4		3/4		3/4	3/4
6	63,823	6	53,046	6	42,268	6	31,532	6	20,935	6	10,130	6	433	6		6		6	6
1/4	63,598	1/4	52,821	1/4	42,044	1/4	31,313	1/4	20,710	1/4	9,904	1/4	340	1/4		1/4		1/4	1/4
1/2	63,374	1/2	52,596	1/2	41,819	1/2	31,094	1/2	20,485	1/2	9,679	1/2	283	1/2		1/2		1/2	1/2
3/4	63,149	3/4	52,372	3/4	41,595	3/4	30,876	3/4	20,259	3/4	9,454	3/4	227	3/4		3/4		3/4	3/4
7	62,925	7	52,147	7	41,370	7	30,657	7	20,034	7	9,229	7	171	7		7		7	7
1/4	62,700	1/4	51,923	1/4	41,146	1/4	30,438	1/4	19,809	1/4	9,004	1/4	114	1/4		1/4		1/4	1/4
1/2	62,476	1/2	51,698	1/2	40,921	1/2	30,220	1/2	19,584	1/2	8,779	1/2	96	1/2		1/2		1/2	1/2
3/4	62,251	3/4	51,474	3/4	40,697	3/4	30,001	3/4	19,359	3/4	8,554	3/4	77	3/4		3/4		3/4	3/4
8	62,027	8	51,249	8	40,472	8	29,782	8	19,134	8	8,329	8	58	8		8		8	8
1/4	61,802	1/4	51,025	1/4	40,248	1/4	29,563	1/4	18,909	1/4	8,104	1/4	39	1/4		1/4		1/4	1/4
1/2	61,578	1/2	50,800	1/2	40,023	1/2	29,345	1/2	18,684	1/2	7,878	1/2		1/2		1/2		1/2	1/2
3/4	61,353	3/4	50,576	3/4	39,798	3/4	29,126	3/4	18,459	3/4	7,653	3/4		3/4		3/4		3/4	3/4
9	61,128	9	50,351	9	39,574	9	28,907	9	18,233	9	7,428	9		9		9		9	9
1/4	60,904	1/4	50,127	1/4	39,349	1/4	28,689	1/4	18,008	1/4	7,203	1/4		1/4		1/4		1/4	1/4
1/2	60,679	1/2	49,902	1/2	39,125	1/2	28,470	1/2	17,783	1/2	6,978	1/2		1/2		1/2		1/2	1/2
3/4	60,455	3/4	49,678	3/4	38,900	3/4	28,251	3/4	17,558	3/4	6,753	3/4		3/4		3/4		3/4	3/4
10	60,230	10	49,453	10	38,676	10	28,032	10	17,333	10	6,528	10		10		10		10	10
1/4	60,006	1/4	49,229	1/4	38,451	1/4	27,814	1/4	17,108	1/4	6,304	1/4		1/4		1/4		1/4	1/4
1/2	59,781	1/2	49,004	1/2	38,227	1/2	27,595	1/2	16,883	1/2	6,079	1/2		1/2		1/2		1/2	1/2
3/4	59,557	3/4	48,780	3/4	38,002	3/4	27,376	3/4	16,658	3/4	5,855	3/4		3/4		3/4		3/4	3/4
11	59,332	11	48,555	11	37,778	11	27,158	11	16,433	11	5,630	11		11		11		11	11
1/4	59,108	1/4	48,330	1/4	37,553	1/4	26,939	1/4	16,207	1/4	5,406	1/4		1/4		1/4		1/4	1/4
1/2	58,883	1/2	48,106	1/2	37,329	1/2	26,720	1/2	15,982	1/2	5,182	1/2		1/2		1/2		1/2	1/2
3/4	58,659	3/4	47,881	3/4	37,104	3/4	26,502	3/4	15,757	3/4	4,958	3/4		3/4		3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2017 CL  
CALCULATED: 08/17/2017 CL  
PRINTED: 08/17/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2017

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



# BARGE "CBC 1395"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

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	0	162,275	0	150,260	0	138,220	0	126,132	0	114,044	0	101,957	0	89,869	0	89,869
1/4	1/4	1/4	1/4	1/4	162,027	1/4	150,009	1/4	137,968	1/4	125,880	1/4	113,793	1/4	101,705	1/4	89,617	1/4	89,617
1/2	1/2	1/2	1/2	170,666	161,779	1/2	149,759	1/2	137,716	1/2	125,628	1/2	113,541	1/2	101,453	1/2	89,365	1/2	89,365
3/4	3/4	3/4	3/4	170,649	161,529	3/4	149,508	3/4	137,464	3/4	125,377	3/4	113,289	3/4	101,201	3/4	89,113	3/4	89,113
1	1	1	1	170,631	161,278	1	149,258	1	137,212	1	125,125	1	113,037	1	100,950	1	88,861	1	88,861
1/4	1/4	1/4	1/4	170,614	161,028	1/4	149,007	1/4	136,960	1/4	124,873	1/4	112,785	1/4	100,698	1/4	88,609	1/4	88,609
1/2	1/2	1/2	1/2	170,597	160,777	1/2	148,757	1/2	136,709	1/2	124,621	1/2	112,534	1/2	100,446	1/2	88,358	1/2	88,358
3/4	3/4	3/4	3/4	170,538	160,527	3/4	148,507	3/4	136,457	3/4	124,369	3/4	112,282	3/4	100,194	3/4	88,106	3/4	88,106
2	2	2	2	170,479	160,277	2	148,256	2	136,205	2	124,117	2	112,030	2	99,942	2	87,854	2	87,854
1/4	1/4	1/4	1/4	170,419	160,026	1/4	148,006	1/4	135,953	1/4	123,866	1/4	111,778	1/4	99,690	1/4	87,602	1/4	87,602
1/2	1/2	1/2	1/2	170,360	159,776	1/2	147,755	1/2	135,701	1/2	123,614	1/2	111,526	1/2	99,439	1/2	87,350	1/2	87,350
3/4	3/4	3/4	3/4	170,259	159,525	3/4	147,505	3/4	135,450	3/4	123,362	3/4	111,274	3/4	99,187	3/4	87,098	3/4	87,098
3	3	3	3	170,158	159,275	3	147,254	3	135,198	3	123,110	3	111,023	3	98,935	3	86,846	3	86,846
1/4	1/4	1/4	1/4	170,057	159,024	1/4	147,004	1/4	134,946	1/4	122,858	1/4	110,771	1/4	98,683	1/4	86,594	1/4	86,594
1/2	1/2	1/2	1/2	169,955	158,774	1/2	146,754	1/2	134,694	1/2	122,606	1/2	110,519	1/2	98,431	1/2	86,343	1/2	86,343
3/4	3/4	3/4	3/4	169,812	158,524	3/4	146,503	3/4	134,442	3/4	122,355	3/4	110,267	3/4	98,180	3/4	86,091	3/4	86,091
4	4	4	4	169,669	158,273	4	146,253	4	134,190	4	122,103	4	110,015	4	97,928	4	85,839	4	85,839
1/4	1/4	1/4	1/4	169,526	158,023	1/4	146,002	1/4	133,939	1/4	121,851	1/4	109,763	1/4	97,676	1/4	85,587	1/4	85,587
1/2	1/2	1/2	1/2	169,383	157,772	1/2	145,752	1/2	133,687	1/2	121,599	1/2	109,512	1/2	97,424	1/2	85,335	1/2	85,335
3/4	3/4	3/4	3/4	169,198	157,522	3/4	145,502	3/4	133,435	3/4	121,347	3/4	109,260	3/4	97,172	3/4	85,083	3/4	85,083
5	5	5	5	169,013	157,271	5	145,251	5	133,183	5	121,096	5	109,008	5	96,920	5	84,831	5	84,831
1/4	1/4	1/4	1/4	168,827	157,021	1/4	145,001	1/4	132,931	1/4	120,844	1/4	108,756	1/4	96,669	1/4	84,579	1/4	84,579
1/2	1/2	1/2	1/2	168,642	156,771	1/2	144,750	1/2	132,679	1/2	120,592	1/2	108,504	1/2	96,417	1/2	84,328	1/2	84,328
3/4	3/4	3/4	3/4	168,415	156,520	3/4	144,500	3/4	132,428	3/4	120,340	3/4	108,253	3/4	96,165	3/4	84,076	3/4	84,076
6	6	6	6	168,188	156,270	6	144,249	6	132,176	6	120,088	6	108,001	6	95,913	6	83,824	6	83,824
1/4	1/4	1/4	1/4	167,961	156,019	1/4	143,999	1/4	131,924	1/4	119,836	1/4	107,749	1/4	95,661	1/4	83,572	1/4	83,572
1/2	1/2	1/2	1/2	167,734	155,769	1/2	143,749	1/2	131,672	1/2	119,585	1/2	107,497	1/2	95,409	1/2	83,320	1/2	83,320
3/4	3/4	3/4	3/4	167,486	155,518	3/4	143,498	3/4	131,420	3/4	119,333	3/4	107,245	3/4	95,158	3/4	83,068	3/4	83,068
7	7	7	7	167,238	155,268	7	143,248	7	131,169	7	119,081	7	106,993	7	94,906	7	82,816	7	82,816
1/4	1/4	1/4	1/4	166,989	155,018	1/4	142,997	1/4	130,917	1/4	118,829	1/4	106,742	1/4	94,654	1/4	82,565	1/4	82,565
1/2	1/2	1/2	1/2	166,741	154,767	1/2	142,747	1/2	130,665	1/2	118,577	1/2	106,490	1/2	94,402	1/2	82,313	1/2	82,313
3/4	3/4	3/4	3/4	166,493	154,517	3/4	142,496	3/4	130,413	3/4	118,325	3/4	106,238	3/4	94,150	3/4	82,061	3/4	82,061
8	8	8	8	166,245	154,266	8	142,246	8	130,161	8	118,074	8	105,986	8	93,899	8	81,809	8	81,809
1/4	1/4	1/4	1/4	165,997	154,016	1/4	141,996	1/4	129,909	1/4	117,822	1/4	105,734	1/4	93,647	1/4	81,557	1/4	81,557
1/2	1/2	1/2	1/2	165,749	153,766	1/2	141,745	1/2	129,658	1/2	117,570	1/2	105,482	1/2	93,395	1/2	81,305	1/2	81,305
3/4	3/4	3/4	3/4	165,501	153,515	3/4	141,493	3/4	129,406	3/4	117,318	3/4	105,231	3/4	93,143	3/4	81,053	3/4	81,053
9	9	9	9	165,253	153,265	9	141,242	9	129,154	9	117,066	9	104,979	9	92,891	9	80,801	9	80,801
1/4	1/4	1/4	1/4	165,005	153,014	1/4	140,990	1/4	128,902	1/4	116,815	1/4	104,727	1/4	92,639	1/4	80,550	1/4	80,550
1/2	1/2	1/2	1/2	164,756	152,764	1/2	140,738	1/2	128,650	1/2	116,563	1/2	104,475	1/2	92,387	1/2	80,298	1/2	80,298
3/4	3/4	3/4	3/4	164,508	152,513	3/4	140,486	3/4	128,398	3/4	116,311	3/4	104,223	3/4	92,136	3/4	80,046	3/4	80,046
10	10	10	10	164,260	152,263	10	140,234	10	128,147	10	116,059	10	103,971	10	91,884	10	79,794	10	79,794
1/4	1/4	1/4	1/4	164,012	152,013	1/4	139,982	1/4	127,895	1/4	115,807	1/4	103,720	1/4	91,632	1/4	79,542	1/4	79,542
1/2	1/2	1/2	1/2	163,764	151,762	1/2	139,731	1/2	127,643	1/2	115,555	1/2	103,468	1/2	91,380	1/2	79,290	1/2	79,290
3/4	3/4	3/4	3/4	163,516	151,512	3/4	139,479	3/4	127,391	3/4	115,304	3/4	103,216	3/4	91,128	3/4	79,038	3/4	79,038
11	11	11	11	163,268	151,261	11	139,227	11	127,139	11	115,052	11	102,964	11	90,876	11	78,787	11	78,787
1/4	1/4	1/4	1/4	163,020	151,011	1/4	138,975	1/4	126,888	1/4	114,800	1/4	102,712	1/4	90,624	1/4	78,535	1/4	78,535
1/2	1/2	1/2	1/2	162,772	150,760	1/2	138,723	1/2	126,636	1/2	114,548	1/2	102,461	1/2	90,372	1/2	78,283	1/2	78,283
3/4	3/4	3/4	3/4	162,523	150,510	3/4	138,471	3/4	126,384	3/4	114,296	3/4	102,209	3/4	90,121	3/4	78,031	3/4	78,031

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CBC 1395"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	77,779	0	65,689	0	53,600	0	41,510	0	29,672	0	17,625	0	5,543	0		0			
1/4	77,527	1/4	65,438	1/4	53,348	1/4	41,258	1/4	29,427	1/4	17,374	1/4	5,293	1/4		0		1/4	
1/2	77,275	1/2	65,186	1/2	53,096	1/2	41,006	1/2	29,183	1/2	17,122	1/2	5,042	1/2		1/2		1/2	
3/4	77,023	3/4	64,934	3/4	52,844	3/4	40,755	3/4	28,938	3/4	16,870	3/4	4,793	3/4		3/4		3/4	
1	76,772	1	64,682	1	52,592	1	40,503	1	28,693	1	16,618	1	4,544	1		1		1	
1/4	76,520	1/4	64,430	1/4	52,340	1/4	40,251	1/4	28,448	1/4	16,366	1/4	4,295	1/4		1/4		1/4	
1/2	76,268	1/2	64,178	1/2	52,089	1/2	39,999	1/2	28,203	1/2	16,114	1/2	4,046	1/2		1/2		1/2	
3/4	76,016	3/4	63,926	3/4	51,837	3/4	39,747	3/4	27,952	3/4	15,862	3/4	3,799	3/4		3/4		3/4	
2	75,764	2	63,674	2	51,585	2	39,495	2	27,700	2	15,611	2	3,553	2		2		2	
1/4	75,512	1/4	63,423	1/4	51,333	1/4	39,243	1/4	27,448	1/4	15,359	1/4	3,306	1/4		1/4		1/4	
1/2	75,260	1/2	63,171	1/2	51,081	1/2	38,991	1/2	27,196	1/2	15,107	1/2	3,059	1/2		1/2		1/2	
3/4	75,009	3/4	62,919	3/4	50,829	3/4	38,740	3/4	26,944	3/4	14,855	3/4	2,829	3/4		3/4		3/4	
3	74,757	3	62,667	3	50,577	3	38,488	3	26,692	3	14,603	3	2,598	3		3		3	
1/4	74,505	1/4	62,415	1/4	50,325	1/4	38,236	1/4	26,440	1/4	14,351	1/4	2,368	1/4		1/4		1/4	
1/2	74,253	1/2	62,163	1/2	50,074	1/2	37,984	1/2	26,189	1/2	14,099	1/2	2,138	1/2		1/2		1/2	
3/4	74,001	3/4	61,911	3/4	49,822	3/4	37,739	3/4	25,937	3/4	13,847	3/4	1,949	3/4		3/4		3/4	
4	73,749	4	61,660	4	49,570	4	37,494	4	25,685	4	13,596	4	1,760	4		4		4	
1/4	73,497	1/4	61,408	1/4	49,318	1/4	37,250	1/4	25,433	1/4	13,344	1/4	1,571	1/4		1/4		1/4	
1/2	73,245	1/2	61,156	1/2	49,066	1/2	37,005	1/2	25,181	1/2	13,092	1/2	1,382	1/2		1/2		1/2	
3/4	72,994	3/4	60,904	3/4	48,814	3/4	36,760	3/4	24,929	3/4	12,840	3/4	1,236	3/4		3/4		3/4	
5	72,742	5	60,652	5	48,562	5	36,516	5	24,677	5	12,588	5	1,089	5		5		5	
1/4	72,490	1/4	60,400	1/4	48,311	1/4	36,271	1/4	24,426	1/4	12,336	1/4	942	1/4		1/4		1/4	
1/2	72,238	1/2	60,148	1/2	48,059	1/2	36,027	1/2	24,174	1/2	12,084	1/2	795	1/2		1/2		1/2	
3/4	71,986	3/4	59,896	3/4	47,807	3/4	35,783	3/4	23,922	3/4	11,833	3/4	690	3/4		3/4		3/4	
6	71,734	6	59,645	6	47,555	6	35,538	6	23,670	6	11,581	6	585	6		6		6	
1/4	71,482	1/4	59,393	1/4	47,303	1/4	35,294	1/4	23,418	1/4	11,329	1/4	480	1/4		1/4		1/4	
1/2	71,231	1/2	59,141	1/2	47,051	1/2	35,049	1/2	23,166	1/2	11,077	1/2	375	1/2		1/2		1/2	
3/4	70,979	3/4	58,889	3/4	46,799	3/4	34,805	3/4	22,914	3/4	10,825	3/4	312	3/4		3/4		3/4	
7	70,727	7	58,637	7	46,547	7	34,560	7	22,663	7	10,573	7	249	7		7		7	
1/4	70,475	1/4	58,385	1/4	46,296	1/4	34,316	1/4	22,411	1/4	10,321	1/4	186	1/4		1/4		1/4	
1/2	70,223	1/2	58,133	1/2	46,044	1/2	34,071	1/2	22,159	1/2	10,070	1/2	123	1/2		1/2		1/2	
3/4	69,971	3/4	57,882	3/4	45,792	3/4	33,827	3/4	21,907	3/4	9,818	3/4	102	3/4		3/4		3/4	
8	69,719	8	57,630	8	45,540	8	33,583	8	21,655	8	9,566	8	81	8		8		8	
1/4	69,467	1/4	57,378	1/4	45,288	1/4	33,338	1/4	21,403	1/4	9,314	1/4	60	1/4		1/4		1/4	
1/2	69,216	1/2	57,126	1/2	45,036	1/2	33,094	1/2	21,151	1/2	9,062	1/2	39	1/2		1/2		1/2	
3/4	68,964	3/4	56,874	3/4	44,784	3/4	32,849	3/4	20,900	3/4	8,810	3/4		3/4		3/4		3/4	
9	68,712	9	56,622	9	44,533	9	32,605	9	20,648	9	8,559	9		9		9		9	
1/4	68,460	1/4	56,370	1/4	44,281	1/4	32,360	1/4	20,396	1/4	8,307	1/4		1/4		1/4		1/4	
1/2	68,208	1/2	56,118	1/2	44,029	1/2	32,116	1/2	20,144	1/2	8,055	1/2		1/2		1/2		1/2	
3/4	67,956	3/4	55,867	3/4	43,777	3/4	31,871	3/4	19,892	3/4	7,803	3/4		3/4		3/4		3/4	
10	67,704	10	55,615	10	43,525	10	31,627	10	19,640	10	7,552	10		10		10		10	
1/4	67,452	1/4	55,363	1/4	43,273	1/4	31,383	1/4	19,388	1/4	7,300	1/4		1/4		1/4		1/4	
1/2	67,201	1/2	55,111	1/2	43,021	1/2	31,138	1/2	19,137	1/2	7,048	1/2		1/2		1/2		1/2	
3/4	66,949	3/4	54,859	3/4	42,769	3/4	30,894	3/4	18,885	3/4	6,797	3/4		3/4		3/4		3/4	
11	66,697	11	54,607	11	42,518	11	30,649	11	18,633	11	6,546	11		11		11		11	
1/4	66,445	1/4	54,355	1/4	42,266	1/4	30,405	1/4	18,381	1/4	6,295	1/4		1/4		1/4		1/4	
1/2	66,193	1/2	54,104	1/2	42,014	1/2	30,160	1/2	18,129	1/2	6,044	1/2		1/2		1/2		1/2	
3/4	65,941	3/4	53,852	3/4	41,762	3/4	29,916	3/4	17,877	3/4	5,793	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2017 CL  
CALCULATED: 08/17/2017 CL  
PRINTED: 08/17/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2017

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



# BARGE "CBC 1395"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

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	0	0	0	144,634	0	133,941	0	123,228	0	112,472	0	101,717	0	90,961	0	80,205
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,413	1/4	133,718	1/4	123,003	1/4	112,248	1/4	101,492	1/4	90,737	1/4	79,981
1/2	1/2	1/2	1/2	1/2	152,100	1/2	144,192	1/2	133,496	1/2	122,779	1/2	112,024	1/2	101,268	1/2	90,513	1/2	79,757
3/4	3/4	3/4	3/4	3/4	152,085	3/4	143,969	3/4	133,273	3/4	122,555	3/4	111,800	3/4	101,044	3/4	90,289	3/4	79,533
1	1	1	1	1	152,070	1	143,746	1	133,050	1	122,331	1	111,576	1	100,820	1	90,065	1	79,309
1/4	1/4	1/4	1/4	1/4	152,054	1/4	143,524	1/4	132,827	1/4	122,107	1/4	111,352	1/4	100,596	1/4	89,841	1/4	79,084
1/2	1/2	1/2	1/2	1/2	152,039	1/2	143,301	1/2	132,604	1/2	121,883	1/2	111,128	1/2	100,372	1/2	89,617	1/2	78,860
3/4	3/4	3/4	3/4	3/4	151,986	3/4	143,078	3/4	132,381	3/4	121,659	3/4	110,903	3/4	100,148	3/4	89,393	3/4	78,636
2	2	2	2	2	151,934	2	142,855	2	132,158	2	121,435	2	110,679	2	99,924	2	89,168	2	78,412
1/4	1/4	1/4	1/4	1/4	151,881	1/4	142,632	1/4	131,936	1/4	121,211	1/4	110,455	1/4	99,700	1/4	88,944	1/4	78,188
1/2	1/2	1/2	1/2	1/2	151,828	1/2	142,409	1/2	131,713	1/2	120,987	1/2	110,231	1/2	99,476	1/2	88,720	1/2	77,964
3/4	3/4	3/4	3/4	3/4	151,738	3/4	142,186	3/4	131,490	3/4	120,763	3/4	110,007	3/4	99,252	3/4	88,496	3/4	77,740
3	3	3	3	3	151,648	3	141,964	3	131,267	3	120,539	3	109,783	3	99,028	3	88,272	3	77,516
1/4	1/4	1/4	1/4	1/4	151,558	1/4	141,741	1/4	131,044	1/4	120,315	1/4	109,559	1/4	98,804	1/4	88,048	1/4	77,292
1/2	1/2	1/2	1/2	1/2	151,468	1/2	141,518	1/2	130,821	1/2	120,090	1/2	109,335	1/2	98,579	1/2	87,824	1/2	77,067
3/4	3/4	3/4	3/4	3/4	151,341	3/4	141,295	3/4	130,599	3/4	119,866	3/4	109,111	3/4	98,355	3/4	87,600	3/4	76,843
4	4	4	4	4	151,213	4	141,072	4	130,376	4	119,642	4	108,887	4	98,131	4	87,376	4	76,619
1/4	1/4	1/4	1/4	1/4	151,086	1/4	140,849	1/4	130,153	1/4	119,418	1/4	108,663	1/4	97,907	1/4	87,152	1/4	76,395
1/2	1/2	1/2	1/2	1/2	150,958	1/2	140,627	1/2	129,930	1/2	119,194	1/2	108,439	1/2	97,683	1/2	86,928	1/2	76,171
3/4	3/4	3/4	3/4	3/4	150,794	3/4	140,404	3/4	129,707	3/4	118,970	3/4	108,215	3/4	97,459	3/4	86,704	3/4	75,947
5	5	5	5	5	150,629	5	140,181	5	129,484	5	118,746	5	107,991	5	97,235	5	86,480	5	75,723
1/4	1/4	1/4	1/4	1/4	150,464	1/4	139,958	1/4	129,262	1/4	118,522	1/4	107,766	1/4	97,011	1/4	86,255	1/4	75,499
1/2	1/2	1/2	1/2	1/2	150,299	1/2	139,735	1/2	129,039	1/2	118,298	1/2	107,542	1/2	96,787	1/2	86,031	1/2	75,275
3/4	3/4	3/4	3/4	3/4	150,097	3/4	139,512	3/4	128,816	3/4	118,074	3/4	107,318	3/4	96,563	3/4	85,807	3/4	75,050
6	6	6	6	6	149,895	6	139,290	6	128,593	6	117,850	6	107,094	6	96,339	6	85,583	6	74,826
1/4	1/4	1/4	1/4	1/4	149,693	1/4	139,067	1/4	128,370	1/4	117,626	1/4	106,870	1/4	96,115	1/4	85,359	1/4	74,602
1/2	1/2	1/2	1/2	1/2	149,491	1/2	138,844	1/2	128,147	1/2	117,402	1/2	106,646	1/2	95,891	1/2	85,135	1/2	74,378
3/4	3/4	3/4	3/4	3/4	149,270	3/4	138,621	3/4	127,924	3/4	117,178	3/4	106,422	3/4	95,667	3/4	84,911	3/4	74,154
7	7	7	7	7	149,049	7	138,398	7	127,702	7	116,953	7	106,198	7	95,442	7	84,687	7	73,930
1/4	1/4	1/4	1/4	1/4	148,829	1/4	138,175	1/4	127,479	1/4	116,729	1/4	105,974	1/4	95,218	1/4	84,463	1/4	73,706
1/2	1/2	1/2	1/2	1/2	148,608	1/2	137,952	1/2	127,256	1/2	116,505	1/2	105,750	1/2	94,994	1/2	84,239	1/2	73,482
3/4	3/4	3/4	3/4	3/4	148,387	3/4	137,730	3/4	127,033	3/4	116,281	3/4	105,526	3/4	94,770	3/4	84,015	3/4	73,258
8	8	8	8	8	148,166	8	137,507	8	126,810	8	116,057	8	105,302	8	94,546	8	83,791	8	73,033
1/4	1/4	1/4	1/4	1/4	147,945	1/4	137,284	1/4	126,587	1/4	115,833	1/4	105,078	1/4	94,322	1/4	83,567	1/4	72,809
1/2	1/2	1/2	1/2	1/2	147,725	1/2	137,061	1/2	126,365	1/2	115,609	1/2	104,854	1/2	94,098	1/2	83,343	1/2	72,585
3/4	3/4	3/4	3/4	3/4	147,504	3/4	136,838	3/4	126,140	3/4	115,385	3/4	104,629	3/4	93,874	3/4	83,118	3/4	72,361
9	9	9	9	9	147,283	9	136,615	9	125,916	9	115,161	9	104,405	9	93,650	9	82,894	9	72,137
1/4	1/4	1/4	1/4	1/4	147,062	1/4	136,393	1/4	125,692	1/4	114,937	1/4	104,181	1/4	93,426	1/4	82,670	1/4	71,913
1/2	1/2	1/2	1/2	1/2	146,842	1/2	136,170	1/2	125,468	1/2	114,713	1/2	103,957	1/2	93,202	1/2	82,446	1/2	71,689
3/4	3/4	3/4	3/4	3/4	146,621	3/4	135,947	3/4	125,244	3/4	114,489	3/4	103,733	3/4	92,978	3/4	82,222	3/4	71,465
10	10	10	10	10	146,400	10	135,724	10	125,020	10	114,265	10	103,509	10	92,754	10	81,998	10	71,241
1/4	1/4	1/4	1/4	1/4	146,179	1/4	135,501	1/4	124,796	1/4	114,041	1/4	103,285	1/4	92,530	1/4	81,774	1/4	71,016
1/2	1/2	1/2	1/2	1/2	145,958	1/2	135,278	1/2	124,572	1/2	113,816	1/2	103,061	1/2	92,305	1/2	81,550	1/2	70,792
3/4	3/4	3/4	3/4	3/4	145,738	3/4	135,055	3/4	124,348	3/4	113,592	3/4	102,837	3/4	92,081	3/4	81,326	3/4	70,568
11	11	11	11	11	145,517	11	134,833	11	124,124	11	113,368	11	102,613	11	91,857	11	81,101	11	70,344
1/4	1/4	1/4	1/4	1/4	145,296	1/4	134,610	1/4	123,900	1/4	113,144	1/4	102,389	1/4	91,633	1/4	80,877	1/4	70,120
1/2	1/2	1/2	1/2	1/2	145,075	1/2	134,387	1/2	123,676	1/2	112,920	1/2	102,165	1/2	91,409	1/2	80,653	1/2	69,896
3/4	3/4	3/4	3/4	3/4	144,854	3/4	134,164	3/4	123,452	3/4	112,696	3/4	101,941	3/4	91,185	3/4	80,429	3/4	69,672

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CBC 1395"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	69,448	0	58,690	0	47,933	0	37,176	0	26,440	0	15,687	0	4,937	0		0			0
1/4	69,224	1/4	58,466	1/4	47,709	1/4	36,952	1/4	26,217	1/4	15,463	1/4	4,714	1/4		1/4			1/4
1/2	68,999	1/2	58,242	1/2	47,485	1/2	36,727	1/2	25,993	1/2	15,239	1/2	4,491	1/2		1/2			1/2
3/4	68,775	3/4	58,018	3/4	47,261	3/4	36,503	3/4	25,769	3/4	15,015	3/4	4,270	3/4		3/4			3/4
1	68,551	1	57,794	1	47,037	1	36,279	1	25,546	1	14,791	1	4,048	1		1			1
1/4	68,327	1/4	57,570	1/4	46,812	1/4	36,055	1/4	25,322	1/4	14,567	1/4	3,826	1/4		1/4			1/4
1/2	68,103	1/2	57,346	1/2	46,588	1/2	35,831	1/2	25,098	1/2	14,343	1/2	3,605	1/2		1/2			1/2
3/4	67,879	3/4	57,122	3/4	46,364	3/4	35,607	3/4	24,874	3/4	14,119	3/4	3,385	3/4		3/4			3/4
2	67,655	2	56,897	2	46,140	2	35,383	2	24,651	2	13,895	2	3,165	2		2			2
1/4	67,431	1/4	56,673	1/4	45,916	1/4	35,159	1/4	24,427	1/4	13,670	1/4	2,946	1/4		1/4			1/4
1/2	67,207	1/2	56,449	1/2	45,692	1/2	34,935	1/2	24,203	1/2	13,446	1/2	2,726	1/2		1/2			1/2
3/4	66,982	3/4	56,225	3/4	45,468	3/4	34,710	3/4	23,979	3/4	13,222	3/4	2,521	3/4		3/4			3/4
3	66,758	3	56,001	3	45,244	3	34,486	3	23,755	3	12,998	3	2,317	3		3			3
1/4	66,534	1/4	55,777	1/4	45,020	1/4	34,262	1/4	23,531	1/4	12,774	1/4	2,112	1/4		1/4			1/4
1/2	66,310	1/2	55,553	1/2	44,795	1/2	34,038	1/2	23,307	1/2	12,550	1/2	1,907	1/2		1/2			1/2
3/4	66,086	3/4	55,329	3/4	44,571	3/4	33,814	3/4	23,083	3/4	12,326	3/4	1,739	3/4		3/4			3/4
4	65,862	4	55,105	4	44,347	4	33,590	4	22,859	4	12,102	4	1,571	4		4			4
1/4	65,638	1/4	54,880	1/4	44,123	1/4	33,366	1/4	22,634	1/4	11,878	1/4	1,403	1/4		1/4			1/4
1/2	65,414	1/2	54,656	1/2	43,899	1/2	33,142	1/2	22,410	1/2	11,654	1/2	1,235	1/2		1/2			1/2
3/4	65,190	3/4	54,432	3/4	43,675	3/4	32,918	3/4	22,186	3/4	11,429	3/4	1,104	3/4		3/4			3/4
5	64,965	5	54,208	5	43,451	5	32,695	5	21,962	5	11,205	5	973	5		5			5
1/4	64,741	1/4	53,984	1/4	43,227	1/4	32,472	1/4	21,738	1/4	10,981	1/4	842	1/4		1/4			1/4
1/2	64,517	1/2	53,760	1/2	43,003	1/2	32,248	1/2	21,514	1/2	10,757	1/2	712	1/2		1/2			1/2
3/4	64,293	3/4	53,536	3/4	42,778	3/4	32,025	3/4	21,290	3/4	10,533	3/4	618	3/4		3/4			3/4
6	64,069	6	53,312	6	42,554	6	31,801	6	21,066	6	10,309	6	525	6		6			6
1/4	63,845	1/4	53,088	1/4	42,330	1/4	31,578	1/4	20,842	1/4	10,085	1/4	432	1/4		1/4			1/4
1/2	63,621	1/2	52,863	1/2	42,106	1/2	31,355	1/2	20,618	1/2	9,861	1/2	338	1/2		1/2			1/2
3/4	63,397	3/4	52,639	3/4	41,882	3/4	31,131	3/4	20,393	3/4	9,637	3/4	282	3/4		3/4			3/4
7	63,173	7	52,415	7	41,658	7	30,908	7	20,169	7	9,412	7	226	7		7			7
1/4	62,948	1/4	52,191	1/4	41,434	1/4	30,684	1/4	19,945	1/4	9,188	1/4	170	1/4		1/4			1/4
1/2	62,724	1/2	51,967	1/2	41,210	1/2	30,461	1/2	19,721	1/2	8,964	1/2	114	1/2		1/2			1/2
3/4	62,500	3/4	51,743	3/4	40,986	3/4	30,238	3/4	19,497	3/4	8,740	3/4	95	3/4		3/4			3/4
8	62,276	8	51,519	8	40,761	8	30,014	8	19,273	8	8,516	8	77	8		8			8
1/4	62,052	1/4	51,295	1/4	40,537	1/4	29,791	1/4	19,049	1/4	8,292	1/4	58	1/4		1/4			1/4
1/2	61,828	1/2	51,071	1/2	40,313	1/2	29,567	1/2	18,825	1/2	8,068	1/2	39	1/2		1/2			1/2
3/4	61,604	3/4	50,846	3/4	40,089	3/4	29,344	3/4	18,601	3/4	7,844	3/4		3/4		3/4			3/4
9	61,380	9	50,622	9	39,865	9	29,121	9	18,377	9	7,620	9		9		9			9
1/4	61,156	1/4	50,398	1/4	39,641	1/4	28,897	1/4	18,152	1/4	7,396	1/4		1/4		1/4			1/4
1/2	60,931	1/2	50,174	1/2	39,417	1/2	28,674	1/2	17,928	1/2	7,172	1/2		1/2		1/2			1/2
3/4	60,707	3/4	49,950	3/4	39,193	3/4	28,450	3/4	17,704	3/4	6,948	3/4		3/4		3/4			3/4
10	60,483	10	49,726	10	38,969	10	28,227	10	17,480	10	6,724	10		10		10			10
1/4	60,259	1/4	49,502	1/4	38,744	1/4	28,004	1/4	17,256	1/4	6,500	1/4		1/4		1/4			1/4
1/2	60,035	1/2	49,278	1/2	38,520	1/2	27,780	1/2	17,032	1/2	6,276	1/2		1/2		1/2			1/2
3/4	59,811	3/4	49,054	3/4	38,296	3/4	27,557	3/4	16,808	3/4	6,052	3/4		3/4		3/4			3/4
11	59,587	11	48,829	11	38,072	11	27,334	11	16,584	11	5,829	11		11		11			11
1/4	59,363	1/4	48,605	1/4	37,848	1/4	27,110	1/4	16,360	1/4	5,606	1/4		1/4		1/4			1/4
1/2	59,139	1/2	48,381	1/2	37,624	1/2	26,887	1/2	16,136	1/2	5,382	1/2		1/2		1/2			1/2
3/4	58,914	3/4	48,157	3/4	37,400	3/4	26,663	3/4	15,911	3/4	5,159	3/4		3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2017 CL  
CALCULATED: 08/17/2017 CL  
PRINTED: 08/17/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2017

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