



# BARGE "CBC 1392"

## 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"

May 11, 2017

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

<http://www.pmacorp.net>



# BARGE "CBC 1392"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,104	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	73,003	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	94,767
1	114	1	9,004	1	19,809	1	30,438	1	41,146	1	51,923	1	62,700	1	73,449	1	84,211	1	94,991
1/4	171	1/4	9,229	1/4	20,034	1/4	30,657	1/4	41,370	1/4	52,148	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	52,597	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	74,342	2	85,109	2	95,890
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	85,334	1/4	96,114
1/2	527	1/2	10,355	1/2	21,160	1/2	31,751	1/2	42,493	1/2	53,270	1/2	64,047	1/2	74,788	1/2	85,558	1/2	96,339
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	85,783	3/4	96,563
3	715	3	10,805	3	21,610	3	32,188	3	42,942	3	53,719	3	64,497	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	75,458	1/4	86,232	1/4	97,013
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	64,946	1/2	75,681	1/2	86,457	1/2	97,237
3/4	1,109	3/4	11,480	3/4	22,285	3/4	32,844	3/4	43,616	3/4	54,393	3/4	65,170	3/4	75,904	3/4	86,681	3/4	97,462
4	1,240	4	11,705	4	22,511	4	33,063	4	43,840	4	54,617	4	65,395	4	76,127	4	86,906	4	97,686
1/4	1,409	1/4	11,930	1/4	22,736	1/4	33,287	1/4	44,065	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	76,799	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	77,023	5	87,804	5	98,585
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	88,029	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	55,965	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	56,414	6	67,191	6	77,921	6	88,702	6	99,483
1/4	2,959	1/4	13,731	1/4	24,531	1/4	35,084	1/4	45,861	1/4	56,638	1/4	67,415	1/4	78,146	1/4	88,927	1/4	99,708
1/2	3,179	1/2	13,956	1/2	24,750	1/2	35,308	1/2	46,085	1/2	56,863	1/2	67,639	1/2	78,370	1/2	89,152	1/2	99,932
3/4	3,400	3/4	14,182	3/4	24,969	3/4	35,533	3/4	46,310	3/4	57,087	3/4	67,863	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	68,087	7	78,820	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	68,311	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	100,831
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	90,275	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	47,882	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	101,954
9	5,406	9	16,208	9	26,939	9	37,553	9	48,331	9	59,108	9	69,878	9	80,617	9	91,398	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	70,548	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	103,077
1/4	6,529	1/4	17,333	1/4	28,033	1/4	38,676	1/4	49,453	1/4	60,231	1/4	70,994	1/4	81,740	1/4	92,521	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	60,680	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	39,350	11	50,127	11	60,904	11	71,664	11	82,414	11	93,194	11	103,975
1/4	7,428	1/4	18,234	1/4	28,907	1/4	39,574	1/4	50,351	1/4	61,129	1/4	71,887	1/4	82,638	1/4	93,419	1/4	104,200
1/2	7,653	1/2	18,459	1/2	29,126	1/2	39,799	1/2	50,576	1/2	61,353	1/2	72,110	1/2	82,863	1/2	93,644	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	83,088	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

PRECISION MEASUREMENT  
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 P.O. Box 2092  
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# BARGE "CBC 1392"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,873	0	114,990	0	124,464	0	133,896	0	143,312	0		0		0		0		0	
1/4	105,098	1/4	115,187	1/4	124,661	1/4	134,093	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	134,290	1/2	143,701	1/2		1/2		1/2		1/2		1/2	
3/4	105,546	3/4	115,582	3/4	125,054	3/4	134,486	3/4	143,896	3/4		3/4		3/4		3/4		3/4	
1	105,771	1	115,779	1	125,251	1	134,683	1	144,091	1		1		1		1		1	
1/4	105,995	1/4	115,976	1/4	125,448	1/4	134,880	1/4	144,286	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	125,842	3/4	135,274	3/4	144,675	3/4		3/4		3/4		3/4		3/4	
2	106,668	2	116,569	2	126,039	2	135,471	2	144,870	2		2		2		2		2	
1/4	106,893	1/4	116,766	1/4	126,235	1/4	135,668	1/4	145,074	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	117,161	3/4	126,629	3/4	136,061	3/4	145,481	3/4		3/4		3/4		3/4		3/4	
3	107,566	3	117,358	3	126,826	3	136,258	3	145,685	3		3		3		3		3	
1/4	107,790	1/4	117,556	1/4	127,023	1/4	136,455	1/4	145,851	1/4		1/4		1/4		1/4		1/4	
1/2	108,014	1/2	117,753	1/2	127,220	1/2	136,652	1/2	146,017	1/2		1/2		1/2		1/2		1/2	
3/4	108,239	3/4	117,950	3/4	127,417	3/4	136,849	3/4	146,183	3/4		3/4		3/4		3/4		3/4	
4	108,463	4	118,148	4	127,613	4	137,046	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	108,912	1/2	118,542	1/2	128,007	1/2	137,439	1/2	146,607	1/2		1/2		1/2		1/2		1/2	
3/4	109,136	3/4	118,740	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	109,585	1/4	119,135	1/4	128,598	1/4	138,030	1/4	146,955	1/4		1/4		1/4		1/4		1/4	
1/2	109,809	1/2	119,332	1/2	128,795	1/2	138,227	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	110,258	6	119,727	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	129,581	1/2	139,014	1/2	147,336	1/2		1/2		1/2		1/2		1/2	
3/4	110,849	3/4	120,319	3/4	129,777	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	139,408	7	147,443	7		7		7		7		7	
1/4	111,244	1/4	120,714	1/4	130,169	1/4	139,605	1/4	147,459	1/4		1/4		1/4		1/4		1/4	
1/2	111,441	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	121,306	8	130,757	8	140,195	8	147,507	8		8		8		8		8	
1/4	112,032	1/4	121,503	1/4	130,954	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	131,150	1/2	140,585	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	112,624	9	122,095	9	131,542	9	140,974	9		9		9		9		9		9	
1/4	112,821	1/4	122,293	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	141,364	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,215	3/4	122,687	3/4	132,131	3/4	141,559	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,412	10	122,885	10	132,327	10	141,753	10		10		10		10		10		10	
1/4	113,609	1/4	123,082	1/4	132,523	1/4	141,948	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,807	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	142,338	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,201	11	123,674	11	133,111	11	142,533	11		11		11		11		11		11	
1/4	114,398	1/4	123,872	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	133,504	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	133,700	3/4	143,117	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/10/2017 SW  
CALCULATED: 05/11/2017 CL  
PRINTED: 05/11/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2017

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



# BARGE "CBC 1392"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,047	0	21,117	0	33,039	0	44,962	0	57,032	0	69,102	0	81,172	0	93,242	0	105,309
1/4	60	1/4	9,299	1/4	21,368	1/4	33,283	1/4	45,214	1/4	57,284	1/4	69,353	1/4	81,423	1/4	93,493	1/4	105,561
1/2	81	1/2	9,550	1/2	21,620	1/2	33,527	1/2	45,465	1/2	57,535	1/2	69,605	1/2	81,675	1/2	93,744	1/2	105,812
3/4	102	3/4	9,802	3/4	21,871	3/4	33,771	3/4	45,717	3/4	57,787	3/4	69,856	3/4	81,926	3/4	93,996	3/4	106,064
1	123	1	10,053	1	22,122	1	34,016	1	45,968	1	58,038	1	70,108	1	82,178	1	94,247	1	106,315
1/4	186	1/4	10,305	1/4	22,374	1/4	34,260	1/4	46,220	1/4	58,289	1/4	70,359	1/4	82,429	1/4	94,499	1/4	106,566
1/2	249	1/2	10,556	1/2	22,625	1/2	34,504	1/2	46,471	1/2	58,541	1/2	70,611	1/2	82,681	1/2	94,750	1/2	106,818
3/4	312	3/4	10,807	3/4	22,877	3/4	34,748	3/4	46,723	3/4	58,792	3/4	70,862	3/4	82,932	3/4	95,001	3/4	107,069
2	374	2	11,059	2	23,128	2	34,992	2	46,974	2	59,044	2	71,114	2	83,183	2	95,253	2	107,321
1/4	479	1/4	11,310	1/4	23,380	1/4	35,236	1/4	47,225	1/4	59,295	1/4	71,365	1/4	83,435	1/4	95,504	1/4	107,572
1/2	584	1/2	11,562	1/2	23,631	1/2	35,480	1/2	47,477	1/2	59,547	1/2	71,617	1/2	83,686	1/2	95,756	1/2	107,823
3/4	689	3/4	11,813	3/4	23,883	3/4	35,724	3/4	47,728	3/4	59,798	3/4	71,868	3/4	83,938	3/4	96,007	3/4	108,075
3	794	3	12,065	3	24,134	3	35,968	3	47,980	3	60,050	3	72,119	3	84,189	3	96,259	3	108,326
1/4	940	1/4	12,316	1/4	24,385	1/4	36,212	1/4	48,231	1/4	60,301	1/4	72,371	1/4	84,441	1/4	96,510	1/4	108,578
1/2	1,087	1/2	12,568	1/2	24,637	1/2	36,456	1/2	48,483	1/2	60,553	1/2	72,622	1/2	84,692	1/2	96,761	1/2	108,829
3/4	1,234	3/4	12,819	3/4	24,888	3/4	36,700	3/4	48,734	3/4	60,804	3/4	72,874	3/4	84,944	3/4	97,013	3/4	109,080
4	1,380	4	13,070	4	25,140	4	36,944	4	48,986	4	61,055	4	73,125	4	85,195	4	97,264	4	109,332
1/4	1,569	1/4	13,322	1/4	25,391	1/4	37,188	1/4	49,237	1/4	61,307	1/4	73,377	1/4	85,447	1/4	97,516	1/4	109,583
1/2	1,757	1/2	13,573	1/2	25,643	1/2	37,433	1/2	49,489	1/2	61,558	1/2	73,628	1/2	85,698	1/2	97,767	1/2	109,835
3/4	1,946	3/4	13,825	3/4	25,894	3/4	37,677	3/4	49,740	3/4	61,810	3/4	73,880	3/4	85,949	3/4	98,018	3/4	110,086
5	2,135	5	14,076	5	26,146	5	37,922	5	49,991	5	62,061	5	74,131	5	86,201	5	98,270	5	110,338
1/4	2,364	1/4	14,328	1/4	26,397	1/4	38,173	1/4	50,243	1/4	62,313	1/4	74,383	1/4	86,452	1/4	98,521	1/4	110,589
1/2	2,594	1/2	14,579	1/2	26,648	1/2	38,425	1/2	50,494	1/2	62,564	1/2	74,634	1/2	86,704	1/2	98,773	1/2	110,840
3/4	2,824	3/4	14,831	3/4	26,900	3/4	38,676	3/4	50,746	3/4	62,816	3/4	74,885	3/4	86,955	3/4	99,024	3/4	111,092
6	3,054	6	15,082	6	27,151	6	38,927	6	50,997	6	63,067	6	75,137	6	87,207	6	99,275	6	111,343
1/4	3,300	1/4	15,333	1/4	27,403	1/4	39,179	1/4	51,249	1/4	63,319	1/4	75,388	1/4	87,458	1/4	99,527	1/4	111,595
1/2	3,547	1/2	15,585	1/2	27,654	1/2	39,430	1/2	51,500	1/2	63,570	1/2	75,640	1/2	87,710	1/2	99,778	1/2	111,846
3/4	3,793	3/4	15,836	3/4	27,906	3/4	39,682	3/4	51,752	3/4	63,821	3/4	75,891	3/4	87,961	3/4	100,030	3/4	112,097
7	4,040	7	16,088	7	28,157	7	39,933	7	52,003	7	64,073	7	76,143	7	88,213	7	100,281	7	112,349
1/4	4,288	1/4	16,339	1/4	28,408	1/4	40,185	1/4	52,255	1/4	64,324	1/4	76,394	1/4	88,464	1/4	100,533	1/4	112,600
1/2	4,537	1/2	16,591	1/2	28,646	1/2	40,436	1/2	52,506	1/2	64,576	1/2	76,646	1/2	88,715	1/2	100,784	1/2	112,852
3/4	4,786	3/4	16,842	3/4	28,890	3/4	40,688	3/4	52,757	3/4	64,827	3/4	76,897	3/4	88,967	3/4	101,035	3/4	113,103
8	5,034	8	17,094	8	29,135	8	40,939	8	53,009	8	65,079	8	77,149	8	89,218	8	101,287	8	113,354
1/4	5,284	1/4	17,345	1/4	29,379	1/4	41,191	1/4	53,260	1/4	65,330	1/4	77,400	1/4	89,470	1/4	101,538	1/4	113,606
1/2	5,534	1/2	17,596	1/2	29,623	1/2	41,442	1/2	53,512	1/2	65,582	1/2	77,651	1/2	89,721	1/2	101,790	1/2	113,857
3/4	5,784	3/4	17,848	3/4	29,867	3/4	41,693	3/4	53,763	3/4	65,833	3/4	77,903	3/4	89,973	3/4	102,041	3/4	114,109
9	6,034	9	18,099	9	30,111	9	41,945	9	54,015	9	66,085	9	78,154	9	90,224	9	102,292	9	114,360
1/4	6,285	1/4	18,351	1/4	30,355	1/4	42,196	1/4	54,266	1/4	66,336	1/4	78,406	1/4	90,476	1/4	102,544	1/4	114,612
1/2	6,535	1/2	18,602	1/2	30,599	1/2	42,448	1/2	54,518	1/2	66,587	1/2	78,657	1/2	90,727	1/2	102,795	1/2	114,863
3/4	6,786	3/4	18,854	3/4	30,843	3/4	42,699	3/4	54,769	3/4	66,839	3/4	78,909	3/4	90,979	3/4	103,047	3/4	115,114
10	7,037	10	19,105	10	31,087	10	42,951	10	55,021	10	67,090	10	79,160	10	91,230	10	103,298	10	115,366
1/4	7,288	1/4	19,357	1/4	31,331	1/4	43,202	1/4	55,272	1/4	67,342	1/4	79,412	1/4	91,481	1/4	103,549	1/4	115,617
1/2	7,539	1/2	19,608	1/2	31,575	1/2	43,454	1/2	55,523	1/2	67,593	1/2	79,663	1/2	91,733	1/2	103,801	1/2	115,869
3/4	7,790	3/4	19,859	3/4	31,819	3/4	43,705	3/4	55,775	3/4	67,845	3/4	79,915	3/4	91,984	3/4	104,052	3/4	116,120
11	8,042	11	20,111	11	32,063	11	43,957	11	56,026	11	68,096	11	80,166	11	92,236	11	104,304	11	116,371
1/4	8,293	1/4	20,362	1/4	32,307	1/4	44,208	1/4	56,278	1/4	68,348	1/4	80,417	1/4	92,487	1/4	104,555	1/4	116,623
1/2	8,544	1/2	20,614	1/2	32,551	1/2	44,459	1/2	56,529	1/2	68,599	1/2	80,669	1/2	92,739	1/2	104,807	1/2	116,874
3/4	8,796	3/4	20,865	3/4	32,795	3/4	44,711	3/4	56,781	3/4	68,851	3/4	80,920	3/4	92,990	3/4	105,058	3/4	117,126

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



# BARGE "CBC 1392"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,377	0	129,445	0	141,513	0	153,513	0	165,477	0		0		0		0		0	
1/4	117,628	1/4	129,696	1/4	141,763	1/4	153,763	1/4	165,725	1/4		1/4		1/4		1/4		1/4	
1/2	117,880	1/2	129,948	1/2	142,013	1/2	154,013	1/2	165,972	1/2		1/2		1/2		1/2		1/2	
3/4	118,131	3/4	130,199	3/4	142,263	3/4	154,263	3/4	166,220	3/4		3/4		3/4		3/4		3/4	
1	118,383	1	130,450	1	142,513	1	154,513	1	166,468	1		1		1		1		1	
1/4	118,634	1/4	130,702	1/4	142,763	1/4	154,763	1/4	166,715	1/4		1/4		1/4		1/4		1/4	
1/2	118,886	1/2	130,953	1/2	143,013	1/2	155,013	1/2	166,963	1/2		1/2		1/2		1/2		1/2	
3/4	119,137	3/4	131,205	3/4	143,263	3/4	155,263	3/4	167,211	3/4		3/4		3/4		3/4		3/4	
2	119,388	2	131,456	2	143,513	2	155,513	2	167,458	2		2		2		2		2	
1/4	119,640	1/4	131,707	1/4	143,763	1/4	155,763	1/4	167,685	1/4		1/4		1/4		1/4		1/4	
1/2	119,891	1/2	131,959	1/2	144,013	1/2	156,013	1/2	167,912	1/2		1/2		1/2		1/2		1/2	
3/4	120,143	3/4	132,210	3/4	144,263	3/4	156,263	3/4	168,139	3/4		3/4		3/4		3/4		3/4	
3	120,394	3	132,462	3	144,513	3	156,513	3	168,365	3		3		3		3		3	
1/4	120,645	1/4	132,713	1/4	144,763	1/4	156,763	1/4	168,550	1/4		1/4		1/4		1/4		1/4	
1/2	120,897	1/2	132,965	1/2	145,013	1/2	157,013	1/2	168,735	1/2		1/2		1/2		1/2		1/2	
3/4	121,148	3/4	133,216	3/4	145,263	3/4	157,263	3/4	168,920	3/4		3/4		3/4		3/4		3/4	
4	121,400	4	133,467	4	145,513	4	157,513	4	169,105	4		4		4		4		4	
1/4	121,651	1/4	133,719	1/4	145,763	1/4	157,763	1/4	169,248	1/4		1/4		1/4		1/4		1/4	
1/2	121,902	1/2	133,970	1/2	146,013	1/2	158,013	1/2	169,391	1/2		1/2		1/2		1/2		1/2	
3/4	122,154	3/4	134,222	3/4	146,263	3/4	158,263	3/4	169,534	3/4		3/4		3/4		3/4		3/4	
5	122,405	5	134,473	5	146,513	5	158,513	5	169,677	5		5		5		5		5	
1/4	122,657	1/4	134,724	1/4	146,763	1/4	158,763	1/4	169,778	1/4		1/4		1/4		1/4		1/4	
1/2	122,908	1/2	134,976	1/2	147,013	1/2	159,013	1/2	169,879	1/2		1/2		1/2		1/2		1/2	
3/4	123,160	3/4	135,227	3/4	147,263	3/4	159,263	3/4	169,980	3/4		3/4		3/4		3/4		3/4	
6	123,411	6	135,479	6	147,513	6	159,513	6	170,081	6		6		6		6		6	
1/4	123,662	1/4	135,730	1/4	147,763	1/4	159,763	1/4	170,140	1/4		1/4		1/4		1/4		1/4	
1/2	123,914	1/2	135,981	1/2	148,013	1/2	160,014	1/2	170,199	1/2		1/2		1/2		1/2		1/2	
3/4	124,165	3/4	136,233	3/4	148,263	3/4	160,264	3/4	170,258	3/4		3/4		3/4		3/4		3/4	
7	124,417	7	136,484	7	148,513	7	160,514	7	170,317	7		7		7		7		7	
1/4	124,668	1/4	136,736	1/4	148,763	1/4	160,764	1/4	170,334	1/4		1/4		1/4		1/4		1/4	
1/2	124,919	1/2	136,987	1/2	149,013	1/2	161,014	1/2	170,351	1/2		1/2		1/2		1/2		1/2	
3/4	125,171	3/4	137,239	3/4	149,263	3/4	161,264	3/4	170,369	3/4		3/4		3/4		3/4		3/4	
8	125,422	8	137,490	8	149,513	8	161,514	8	170,386	8		8		8		8		8	
1/4	125,674	1/4	137,741	1/4	149,763	1/4	161,761	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,925	1/2	137,993	1/2	150,013	1/2	162,009	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,176	3/4	138,244	3/4	150,263	3/4	162,257	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,428	9	138,496	9	150,513	9	162,504	9		9		9		9		9		9	
1/4	126,679	1/4	138,747	1/4	150,763	1/4	162,752	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,931	1/2	138,998	1/2	151,013	1/2	163,000	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,182	3/4	139,250	3/4	151,263	3/4	163,248	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,433	10	139,501	10	151,513	10	163,495	10		10		10		10		10		10	
1/4	127,685	1/4	139,753	1/4	151,763	1/4	163,743	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,936	1/2	140,004	1/2	152,013	1/2	163,991	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,188	3/4	140,255	3/4	152,263	3/4	164,238	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,439	11	140,507	11	152,513	11	164,486	11		11		11		11		11		11	
1/4	128,691	1/4	140,758	1/4	152,763	1/4	164,734	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,942	1/2	141,010	1/2	153,013	1/2	164,981	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,193	3/4	141,261	3/4	153,263	3/4	165,229	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/10/2017 SW  
CALCULATED: 05/11/2017 CL  
PRINTED: 05/11/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2017

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1392"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	8,059	0	18,803	0	29,533	0	40,267	0	51,011	0	61,756	0	72,501	0	83,246	0	93,989
1/4	58	1/4	8,282	1/4	19,027	1/4	29,756	1/4	40,490	1/4	51,235	1/4	61,980	1/4	72,725	1/4	83,470	1/4	94,213
1/2	77	1/2	8,506	1/2	19,251	1/2	29,979	1/2	40,714	1/2	51,459	1/2	62,204	1/2	72,949	1/2	83,694	1/2	94,437
3/4	95	3/4	8,730	3/4	19,474	3/4	30,203	3/4	40,938	3/4	51,683	3/4	62,428	3/4	73,173	3/4	83,917	3/4	94,660
1	114	1	8,954	1	19,698	1	30,426	1	41,162	1	51,907	1	62,652	1	73,396	1	84,141	1	94,884
1/4	170	1/4	9,178	1/4	19,922	1/4	30,649	1/4	41,386	1/4	52,131	1/4	62,875	1/4	73,620	1/4	84,365	1/4	95,108
1/2	226	1/2	9,402	1/2	20,146	1/2	30,872	1/2	41,610	1/2	52,354	1/2	63,099	1/2	73,844	1/2	84,589	1/2	95,332
3/4	282	3/4	9,625	3/4	20,370	3/4	31,095	3/4	41,833	3/4	52,578	3/4	63,323	3/4	74,068	3/4	84,813	3/4	95,556
2	338	2	9,849	2	20,594	2	31,318	2	42,057	2	52,802	2	63,547	2	74,292	2	85,036	2	95,779
1/4	431	1/4	10,073	1/4	20,818	1/4	31,541	1/4	42,281	1/4	53,026	1/4	63,771	1/4	74,516	1/4	85,260	1/4	96,003
1/2	524	1/2	10,297	1/2	21,041	1/2	31,764	1/2	42,505	1/2	53,250	1/2	63,995	1/2	74,740	1/2	85,484	1/2	96,227
3/4	618	3/4	10,521	3/4	21,265	3/4	31,988	3/4	42,729	3/4	53,474	3/4	64,219	3/4	74,963	3/4	85,708	3/4	96,451
3	711	3	10,745	3	21,489	3	32,211	3	42,953	3	53,698	3	64,442	3	75,187	3	85,932	3	96,675
1/4	841	1/4	10,968	1/4	21,713	1/4	32,434	1/4	43,177	1/4	53,921	1/4	64,666	1/4	75,411	1/4	86,155	1/4	96,899
1/2	972	1/2	11,192	1/2	21,937	1/2	32,657	1/2	43,400	1/2	54,145	1/2	64,890	1/2	75,635	1/2	86,379	1/2	97,122
3/4	1,103	3/4	11,416	3/4	22,161	3/4	32,880	3/4	43,624	3/4	54,369	3/4	65,114	3/4	75,859	3/4	86,603	3/4	97,346
4	1,233	4	11,640	4	22,384	4	33,103	4	43,848	4	54,593	4	65,338	4	76,083	4	86,827	4	97,570
1/4	1,401	1/4	11,864	1/4	22,608	1/4	33,327	1/4	44,072	1/4	54,817	1/4	65,562	1/4	76,307	1/4	87,051	1/4	97,794
1/2	1,569	1/2	12,088	1/2	22,832	1/2	33,551	1/2	44,296	1/2	55,041	1/2	65,786	1/2	76,530	1/2	87,275	1/2	98,018
3/4	1,737	3/4	12,312	3/4	23,056	3/4	33,775	3/4	44,520	3/4	55,265	3/4	66,009	3/4	76,754	3/4	87,498	3/4	98,241
5	1,905	5	12,535	5	23,280	5	33,999	5	44,744	5	55,488	5	66,233	5	76,978	5	87,722	5	98,465
1/4	2,109	1/4	12,759	1/4	23,504	1/4	34,223	1/4	44,967	1/4	55,712	1/4	66,457	1/4	77,202	1/4	87,946	1/4	98,689
1/2	2,314	1/2	12,983	1/2	23,727	1/2	34,446	1/2	45,191	1/2	55,936	1/2	66,681	1/2	77,426	1/2	88,170	1/2	98,913
3/4	2,518	3/4	13,207	3/4	23,951	3/4	34,670	3/4	45,415	3/4	56,160	3/4	66,905	3/4	77,650	3/4	88,394	3/4	99,137
6	2,723	6	13,431	6	24,175	6	34,894	6	45,639	6	56,384	6	67,129	6	77,873	6	88,617	6	99,360
1/4	2,942	1/4	13,655	1/4	24,399	1/4	35,118	1/4	45,863	1/4	56,608	1/4	67,352	1/4	78,097	1/4	88,841	1/4	99,584
1/2	3,162	1/2	13,878	1/2	24,622	1/2	35,342	1/2	46,087	1/2	56,831	1/2	67,576	1/2	78,321	1/2	89,065	1/2	99,808
3/4	3,381	3/4	14,102	3/4	24,846	3/4	35,566	3/4	46,310	3/4	57,055	3/4	67,800	3/4	78,545	3/4	89,289	3/4	100,032
7	3,601	7	14,326	7	25,069	7	35,789	7	46,534	7	57,279	7	68,024	7	78,769	7	89,513	7	100,256
1/4	3,822	1/4	14,550	1/4	25,293	1/4	36,013	1/4	46,758	1/4	57,503	1/4	68,248	1/4	78,993	1/4	89,737	1/4	100,480
1/2	4,043	1/2	14,774	1/2	25,516	1/2	36,237	1/2	46,982	1/2	57,727	1/2	68,472	1/2	79,217	1/2	89,960	1/2	100,703
3/4	4,265	3/4	14,998	3/4	25,740	3/4	36,461	3/4	47,206	3/4	57,951	3/4	68,696	3/4	79,440	3/4	90,184	3/4	100,927
8	4,486	8	15,221	8	25,963	8	36,685	8	47,430	8	58,175	8	68,919	8	79,664	8	90,408	8	101,151
1/4	4,708	1/4	15,445	1/4	26,186	1/4	36,909	1/4	47,654	1/4	58,398	1/4	69,143	1/4	79,888	1/4	90,632	1/4	101,375
1/2	4,931	1/2	15,669	1/2	26,409	1/2	37,133	1/2	47,877	1/2	58,622	1/2	69,367	1/2	80,112	1/2	90,856	1/2	101,599
3/4	5,153	3/4	15,893	3/4	26,632	3/4	37,356	3/4	48,101	3/4	58,846	3/4	69,591	3/4	80,336	3/4	91,079	3/4	101,822
9	5,376	9	16,117	9	26,856	9	37,580	9	48,325	9	59,070	9	69,815	9	80,560	9	91,303	9	102,046
1/4	5,599	1/4	16,341	1/4	27,079	1/4	37,804	1/4	48,549	1/4	59,294	1/4	70,039	1/4	80,784	1/4	91,527	1/4	102,270
1/2	5,822	1/2	16,565	1/2	27,302	1/2	38,028	1/2	48,773	1/2	59,518	1/2	70,263	1/2	81,007	1/2	91,751	1/2	102,494
3/4	6,045	3/4	16,788	3/4	27,525	3/4	38,252	3/4	48,997	3/4	59,742	3/4	70,486	3/4	81,231	3/4	91,975	3/4	102,718
10	6,269	10	17,012	10	27,748	10	38,476	10	49,221	10	59,965	10	70,710	10	81,455	10	92,198	10	102,941
1/4	6,492	1/4	17,236	1/4	27,971	1/4	38,700	1/4	49,444	1/4	60,189	1/4	70,934	1/4	81,679	1/4	92,422	1/4	103,165
1/2	6,716	1/2	17,460	1/2	28,194	1/2	38,923	1/2	49,668	1/2	60,413	1/2	71,158	1/2	81,903	1/2	92,646	1/2	103,389
3/4	6,940	3/4	17,684	3/4	28,418	3/4	39,147	3/4	49,892	3/4	60,637	3/4	71,382	3/4	82,127	3/4	92,870	3/4	103,613
11	7,163	11	17,908	11	28,641	11	39,371	11	50,116	11	60,861	11	71,606	11	82,351	11	93,094	11	103,837
1/4	7,387	1/4	18,131	1/4	28,864	1/4	39,595	1/4	50,340	1/4	61,085	1/4	71,830	1/4	82,574	1/4	93,318	1/4	104,061
1/2	7,611	1/2	18,355	1/2	29,087	1/2	39,819	1/2	50,564	1/2	61,309	1/2	72,053	1/2	82,798	1/2	93,541	1/2	104,284
3/4	7,835	3/4	18,579	3/4	29,310	3/4	40,043	3/4	50,788	3/4	61,532	3/4	72,277	3/4	83,022	3/4	93,765	3/4	104,508

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.  
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 Pearland, Texas 77588  
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# BARGE "CBC 1392"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	104,732	0	115,475	0	126,218	0	136,902	0	147,553	0		0		0		0		0	
1/4	104,956	1/4	115,699	1/4	126,441	1/4	137,125	1/4	147,774	1/4		1/4		1/4		1/4		1/4	
1/2	105,180	1/2	115,923	1/2	126,663	1/2	137,347	1/2	147,994	1/2		1/2		1/2		1/2		1/2	
3/4	105,403	3/4	116,146	3/4	126,886	3/4	137,570	3/4	148,215	3/4		3/4		3/4		3/4		3/4	
1	105,627	1	116,370	1	127,108	1	137,793	1	148,436	1		1		1		1		1	
1/4	105,851	1/4	116,594	1/4	127,331	1/4	138,015	1/4	148,656	1/4		1/4		1/4		1/4		1/4	
1/2	106,075	1/2	116,818	1/2	127,554	1/2	138,238	1/2	148,877	1/2		1/2		1/2		1/2		1/2	
3/4	106,299	3/4	117,042	3/4	127,776	3/4	138,460	3/4	149,097	3/4		3/4		3/4		3/4		3/4	
2	106,523	2	117,266	2	127,999	2	138,683	2	149,318	2		2		2		2		2	
1/4	106,746	1/4	117,489	1/4	128,221	1/4	138,905	1/4	149,520	1/4		1/4		1/4		1/4		1/4	
1/2	106,970	1/2	117,713	1/2	128,444	1/2	139,128	1/2	149,721	1/2		1/2		1/2		1/2		1/2	
3/4	107,194	3/4	117,937	3/4	128,667	3/4	139,351	3/4	149,923	3/4		3/4		3/4		3/4		3/4	
3	107,418	3	118,161	3	128,889	3	139,573	3	150,125	3		3		3		3		3	
1/4	107,642	1/4	118,385	1/4	129,112	1/4	139,796	1/4	150,290	1/4		1/4		1/4		1/4		1/4	
1/2	107,865	1/2	118,608	1/2	129,334	1/2	140,018	1/2	150,454	1/2		1/2		1/2		1/2		1/2	
3/4	108,089	3/4	118,832	3/4	129,557	3/4	140,241	3/4	150,619	3/4		3/4		3/4		3/4		3/4	
4	108,313	4	119,056	4	129,779	4	140,464	4	150,783	4		4		4		4		4	
1/4	108,537	1/4	119,280	1/4	130,002	1/4	140,686	1/4	150,911	1/4		1/4		1/4		1/4		1/4	
1/2	108,761	1/2	119,504	1/2	130,225	1/2	140,909	1/2	151,038	1/2		1/2		1/2		1/2		1/2	
3/4	108,984	3/4	119,727	3/4	130,447	3/4	141,131	3/4	151,165	3/4		3/4		3/4		3/4		3/4	
5	109,208	5	119,951	5	130,670	5	141,354	5	151,292	5		5		5		5		5	
1/4	109,432	1/4	120,175	1/4	130,892	1/4	141,577	1/4	151,382	1/4		1/4		1/4		1/4		1/4	
1/2	109,656	1/2	120,399	1/2	131,115	1/2	141,799	1/2	151,472	1/2		1/2		1/2		1/2		1/2	
3/4	109,880	3/4	120,623	3/4	131,338	3/4	142,022	3/4	151,562	3/4		3/4		3/4		3/4		3/4	
6	110,104	6	120,847	6	131,560	6	142,244	6	151,652	6		6		6		6		6	
1/4	110,327	1/4	121,070	1/4	131,783	1/4	142,467	1/4	151,705	1/4		1/4		1/4		1/4		1/4	
1/2	110,551	1/2	121,294	1/2	132,005	1/2	142,689	1/2	151,758	1/2		1/2		1/2		1/2		1/2	
3/4	110,775	3/4	121,518	3/4	132,228	3/4	142,912	3/4	151,810	3/4		3/4		3/4		3/4		3/4	
7	110,999	7	121,742	7	132,450	7	143,135	7	151,863	7		7		7		7		7	
1/4	111,223	1/4	121,966	1/4	132,673	1/4	143,357	1/4	151,878	1/4		1/4		1/4		1/4		1/4	
1/2	111,446	1/2	122,189	1/2	132,896	1/2	143,580	1/2	151,893	1/2		1/2		1/2		1/2		1/2	
3/4	111,670	3/4	122,413	3/4	133,118	3/4	143,802	3/4	151,909	3/4		3/4		3/4		3/4		3/4	
8	111,894	8	122,637	8	133,341	8	144,025	8	151,924	8		8		8		8		8	
1/4	112,118	1/4	122,861	1/4	133,563	1/4	144,245	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,342	1/2	123,085	1/2	133,786	1/2	144,466	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,565	3/4	123,309	3/4	134,009	3/4	144,687	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,789	9	123,532	9	134,231	9	144,907	9		9		9		9		9		9	
1/4	113,013	1/4	123,756	1/4	134,454	1/4	145,128	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,237	1/2	123,980	1/2	134,676	1/2	145,348	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,461	3/4	124,204	3/4	134,899	3/4	145,569	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,685	10	124,428	10	135,122	10	145,789	10		10		10		10		10		10	
1/4	113,908	1/4	124,651	1/4	135,344	1/4	146,010	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,132	1/2	124,875	1/2	135,567	1/2	146,230	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,356	3/4	125,099	3/4	135,789	3/4	146,451	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,580	11	125,323	11	136,012	11	146,671	11		11		11		11		11		11	
1/4	114,804	1/4	125,547	1/4	136,234	1/4	146,892	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,027	1/2	125,770	1/2	136,457	1/2	147,112	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,251	3/4	125,994	3/4	136,680	3/4	147,333	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/10/2017 SW  
CALCULATED: 05/11/2017 CL  
PRINTED: 05/11/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2017

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1392"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/4	- 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
2 CENTER	- 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
3 CENTER	- 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"

May 11, 2017

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

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# BARGE "CBC 1392"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	147,507	0	140,195	0	130,757	0	121,306	0	111,835	0	101,280	0	90,499	0	79,718	
1/4	1/4	1/4	1/4	147,491	1/4	139,998	1/4	130,561	1/4	121,108	1/4	111,638	1/4	101,055	1/4	90,275	1/4	79,493	
1/2	1/2	1/2	1/2	147,475	1/2	139,801	1/2	130,365	1/2	120,911	1/2	111,441	1/2	100,831	1/2	90,050	1/2	79,269	
3/4	3/4	3/4	3/4	147,459	3/4	139,605	3/4	130,169	3/4	120,714	3/4	111,244	3/4	100,606	3/4	89,825	3/4	79,044	
1	1	1	1	147,443	1	139,408	1	129,973	1	120,516	1	111,046	1	100,381	1	89,601	1	78,820	
1/4	1/4	1/4	1/4	147,389	1/4	139,211	1/4	129,777	1/4	120,319	1/4	110,849	1/4	100,157	1/4	89,376	1/4	78,595	
1/2	1/2	1/2	1/2	147,336	1/2	139,014	1/2	129,581	1/2	120,121	1/2	110,652	1/2	99,932	1/2	89,152	1/2	78,370	
3/4	3/4	3/4	3/4	147,282	3/4	138,817	3/4	129,384	3/4	119,924	3/4	110,455	3/4	99,708	3/4	88,927	3/4	78,146	
2	2	2	2	147,228	2	138,620	2	129,188	2	119,727	2	110,258	2	99,483	2	88,702	2	77,921	
1/4	1/4	1/4	1/4	147,137	1/4	138,423	1/4	128,991	1/4	119,529	1/4	110,033	1/4	99,258	1/4	88,478	1/4	77,696	
1/2	1/2	1/2	1/2	147,046	1/2	138,227	1/2	128,795	1/2	119,332	1/2	109,809	1/2	99,034	1/2	88,253	1/2	77,472	
3/4	3/4	3/4	3/4	146,955	3/4	138,030	3/4	128,598	3/4	119,135	3/4	109,585	3/4	98,809	3/4	88,029	3/4	77,247	
3	3	3	3	146,864	3	137,833	3	128,401	3	118,937	3	109,360	3	98,585	3	87,804	3	77,023	
1/4	1/4	1/4	1/4	146,735	1/4	137,636	1/4	128,204	1/4	118,740	1/4	109,136	1/4	98,360	1/4	87,579	1/4	76,799	
1/2	1/2	1/2	1/2	146,607	1/2	137,439	1/2	128,007	1/2	118,542	1/2	108,912	1/2	98,135	1/2	87,355	1/2	76,575	
3/4	3/4	3/4	3/4	146,478	3/4	137,242	3/4	127,810	3/4	118,345	3/4	108,687	3/4	97,911	3/4	87,130	3/4	76,351	
4	4	4	4	146,349	4	137,046	4	127,613	4	118,148	4	108,463	4	97,686	4	86,906	4	76,127	
1/4	1/4	1/4	1/4	146,183	1/4	136,849	1/4	127,417	1/4	117,950	1/4	108,239	1/4	97,462	1/4	86,681	1/4	75,904	
1/2	1/2	1/2	1/2	146,017	1/2	136,652	1/2	127,220	1/2	117,753	1/2	108,014	1/2	97,237	1/2	86,457	1/2	75,681	
3/4	3/4	3/4	3/4	145,851	3/4	136,455	3/4	127,023	3/4	117,556	3/4	107,790	3/4	97,013	3/4	86,232	3/4	75,458	
5	5	5	5	145,685	5	136,258	5	126,826	5	117,358	5	107,566	5	96,788	5	86,007	5	75,234	
1/4	1/4	1/4	1/4	145,481	1/4	136,061	1/4	126,629	1/4	117,161	1/4	107,341	1/4	96,563	1/4	85,783	1/4	75,011	
1/2	1/2	1/2	1/2	145,277	1/2	135,864	1/2	126,432	1/2	116,963	1/2	107,117	1/2	96,339	1/2	85,558	1/2	74,788	
3/4	3/4	3/4	3/4	145,074	3/4	135,668	3/4	126,235	3/4	116,766	3/4	106,893	3/4	96,114	3/4	85,334	3/4	74,565	
6	6	6	6	144,870	6	135,471	6	126,039	6	116,569	6	106,668	6	95,890	6	85,109	6	74,342	
1/4	1/4	1/4	1/4	144,675	1/4	135,274	1/4	125,842	1/4	116,371	1/4	106,444	1/4	95,665	1/4	84,884	1/4	74,118	
1/2	1/2	1/2	1/2	144,480	1/2	135,077	1/2	125,645	1/2	116,174	1/2	106,219	1/2	95,440	1/2	84,660	1/2	73,895	
3/4	3/4	3/4	3/4	144,286	3/4	134,880	3/4	125,448	3/4	115,976	3/4	105,995	3/4	95,216	3/4	84,435	3/4	73,672	
7	7	7	7	144,091	7	134,683	7	125,251	7	115,779	7	105,771	7	94,991	7	84,211	7	73,449	
1/4	1/4	1/4	1/4	143,896	1/4	134,486	1/4	125,054	1/4	115,582	1/4	105,546	1/4	94,767	1/4	83,986	1/4	73,226	
1/2	1/2	1/2	1/2	143,701	1/2	134,290	1/2	124,857	1/2	115,384	1/2	105,322	1/2	94,542	1/2	83,761	1/2	73,003	
3/4	3/4	3/4	3/4	143,506	3/4	134,093	3/4	124,661	3/4	115,187	3/4	105,098	3/4	94,317	3/4	83,537	3/4	72,779	
8	8	8	8	143,312	8	133,896	8	124,464	8	114,990	8	104,873	8	94,093	8	83,312	8	72,556	
1/4	1/4	1/4	1/4	143,117	1/4	133,700	1/4	124,266	1/4	114,792	1/4	104,649	1/4	93,868	1/4	83,088	1/4	72,333	
1/2	1/2	1/2	1/2	142,922	1/2	133,504	1/2	124,069	1/2	114,595	1/2	104,424	1/2	93,644	1/2	82,863	1/2	72,110	
3/4	3/4	3/4	3/4	142,727	3/4	133,307	3/4	123,872	3/4	114,398	3/4	104,200	3/4	93,419	3/4	82,638	3/4	71,887	
9	9	9	9	142,533	9	133,111	9	123,674	9	114,201	9	103,975	9	93,194	9	82,414	9	71,664	
1/4	1/4	1/4	1/4	142,338	1/4	132,915	1/4	123,477	1/4	114,004	1/4	103,750	1/4	92,970	1/4	82,189	1/4	71,440	
1/2	1/2	1/2	1/2	142,143	1/2	132,719	1/2	123,279	1/2	113,807	1/2	103,526	1/2	92,745	1/2	81,964	1/2	71,217	
3/4	3/4	3/4	3/4	141,948	3/4	132,523	3/4	123,082	3/4	113,609	3/4	103,301	3/4	92,521	3/4	81,740	3/4	70,994	
10	10	10	10	141,753	10	132,327	10	122,885	10	113,412	10	103,077	10	92,296	10	81,515	10	70,771	
1/4	1/4	1/4	1/4	141,559	1/4	132,131	1/4	122,687	1/4	113,215	1/4	102,852	1/4	92,071	1/4	81,290	1/4	70,548	
1/2	1/2	1/2	1/2	141,364	1/2	131,934	1/2	122,490	1/2	113,018	1/2	102,627	1/2	91,847	1/2	81,066	1/2	70,324	
3/4	3/4	3/4	3/4	141,169	3/4	131,738	3/4	122,293	3/4	112,821	3/4	102,403	3/4	91,622	3/4	80,841	3/4	70,101	
11	11	11	11	140,974	11	131,542	11	122,095	11	112,624	11	102,178	11	91,398	11	80,617	11	69,878	
1/4	1/4	1/4	1/4	140,779	1/4	131,346	1/4	121,898	1/4	112,426	1/4	101,954	1/4	91,173	1/4	80,392	1/4	69,654	
1/2	1/2	1/2	1/2	140,585	1/2	131,150	1/2	121,700	1/2	112,229	1/2	101,729	1/2	90,948	1/2	80,167	1/2	69,430	
3/4	3/4	3/4	3/4	140,390	3/4	130,954	3/4	121,503	3/4	112,032	3/4	101,504	3/4	90,724	3/4	79,943	3/4	69,206	

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 1392"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,982	0	58,210	0	47,432	0	36,655	0	26,064	0	15,307	0	4,511	0		0			
1/4	68,758	1/4	57,985	1/4	47,208	1/4	36,431	1/4	25,845	1/4	15,082	1/4	4,288	1/4		0			1/4
1/2	68,534	1/2	57,761	1/2	46,983	1/2	36,206	1/2	25,626	1/2	14,857	1/2	4,066	1/2		0			1/2
3/4	68,311	3/4	57,536	3/4	46,759	3/4	35,982	3/4	25,407	3/4	14,632	3/4	3,843	3/4		0			3/4
1	68,087	1	57,312	1	46,534	1	35,757	1	25,188	1	14,407	1	3,620	1		1			1
1/4	67,863	1/4	57,087	1/4	46,310	1/4	35,533	1/4	24,969	1/4	14,182	1/4	3,400	1/4		1			1/4
1/2	67,639	1/2	56,863	1/2	46,085	1/2	35,308	1/2	24,750	1/2	13,956	1/2	3,179	1/2		1			1/2
3/4	67,415	3/4	56,638	3/4	45,861	3/4	35,084	3/4	24,531	3/4	13,731	3/4	2,959	3/4		1			3/4
2	67,191	2	56,414	2	45,636	2	34,859	2	24,311	2	13,506	2	2,738	2		2			2
1/4	66,966	1/4	56,189	1/4	45,412	1/4	34,634	1/4	24,086	1/4	13,281	1/4	2,532	1/4		2			1/4
1/2	66,742	1/2	55,965	1/2	45,187	1/2	34,410	1/2	23,861	1/2	13,056	1/2	2,326	1/2		2			1/2
3/4	66,517	3/4	55,740	3/4	44,963	3/4	34,185	3/4	23,636	3/4	12,831	3/4	2,121	3/4		2			3/4
3	66,293	3	55,515	3	44,738	3	33,961	3	23,411	3	12,606	3	1,915	3		3			3
1/4	66,068	1/4	55,291	1/4	44,514	1/4	33,736	1/4	23,186	1/4	12,381	1/4	1,746	1/4		3			1/4
1/2	65,844	1/2	55,066	1/2	44,289	1/2	33,512	1/2	22,961	1/2	12,156	1/2	1,577	1/2		3			1/2
3/4	65,619	3/4	54,842	3/4	44,065	3/4	33,287	3/4	22,736	3/4	11,930	3/4	1,409	3/4		3			3/4
4	65,395	4	54,617	4	43,840	4	33,063	4	22,511	4	11,705	4	1,240	4		4			4
1/4	65,170	1/4	54,393	1/4	43,616	1/4	32,844	1/4	22,285	1/4	11,480	1/4	1,109	1/4		4			1/4
1/2	64,946	1/2	54,168	1/2	43,391	1/2	32,625	1/2	22,060	1/2	11,255	1/2	977	1/2		4			1/2
3/4	64,721	3/4	53,944	3/4	43,166	3/4	32,407	3/4	21,835	3/4	11,030	3/4	846	3/4		4			3/4
5	64,497	5	53,719	5	42,942	5	32,188	5	21,610	5	10,805	5	715	5		5			5
1/4	64,272	1/4	53,495	1/4	42,717	1/4	31,969	1/4	21,385	1/4	10,580	1/4	621	1/4		5			1/4
1/2	64,047	1/2	53,270	1/2	42,493	1/2	31,751	1/2	21,160	1/2	10,355	1/2	527	1/2		5			1/2
3/4	63,823	3/4	53,046	3/4	42,268	3/4	31,532	3/4	20,935	3/4	10,130	3/4	433	3/4		5			3/4
6	63,598	6	52,821	6	42,044	6	31,313	6	20,710	6	9,904	6	340	6		6			6
1/4	63,374	1/4	52,597	1/4	41,819	1/4	31,094	1/4	20,485	1/4	9,679	1/4	283	1/4		6			1/4
1/2	63,149	1/2	52,372	1/2	41,595	1/2	30,876	1/2	20,259	1/2	9,454	1/2	227	1/2		6			1/2
3/4	62,925	3/4	52,148	3/4	41,370	3/4	30,657	3/4	20,034	3/4	9,229	3/4	171	3/4		6			3/4
7	62,700	7	51,923	7	41,146	7	30,438	7	19,809	7	9,004	7	114	7		7			7
1/4	62,476	1/4	51,698	1/4	40,921	1/4	30,220	1/4	19,584	1/4	8,779	1/4	96	1/4		7			1/4
1/2	62,251	1/2	51,474	1/2	40,697	1/2	30,001	1/2	19,359	1/2	8,554	1/2	77	1/2		7			1/2
3/4	62,027	3/4	51,249	3/4	40,472	3/4	29,782	3/4	19,134	3/4	8,329	3/4	58	3/4		7			3/4
8	61,802	8	51,025	8	40,248	8	29,563	8	18,909	8	8,104	8	39	8		8			8
1/4	61,578	1/4	50,800	1/4	40,023	1/4	29,345	1/4	18,684	1/4	7,878	1/4		1/4		8			1/4
1/2	61,353	1/2	50,576	1/2	39,799	1/2	29,126	1/2	18,459	1/2	7,653	1/2		1/2		8			1/2
3/4	61,129	3/4	50,351	3/4	39,574	3/4	28,907	3/4	18,234	3/4	7,428	3/4		3/4		8			3/4
9	60,904	9	50,127	9	39,350	9	28,689	9	18,008	9	7,203	9		9		9			9
1/4	60,680	1/4	49,902	1/4	39,125	1/4	28,470	1/4	17,783	1/4	6,978	1/4		1/4		9			1/4
1/2	60,455	1/2	49,678	1/2	38,900	1/2	28,251	1/2	17,558	1/2	6,753	1/2		1/2		9			1/2
3/4	60,231	3/4	49,453	3/4	38,676	3/4	28,033	3/4	17,333	3/4	6,529	3/4		3/4		9			3/4
10	60,006	10	49,229	10	38,451	10	27,814	10	17,108	10	6,304	10		10		10			10
1/4	59,781	1/4	49,004	1/4	38,227	1/4	27,595	1/4	16,883	1/4	6,079	1/4		1/4		10			1/4
1/2	59,557	1/2	48,780	1/2	38,002	1/2	27,376	1/2	16,658	1/2	5,855	1/2		1/2		10			1/2
3/4	59,332	3/4	48,555	3/4	37,778	3/4	27,158	3/4	16,433	3/4	5,630	3/4		3/4		10			3/4
11	59,108	11	48,331	11	37,553	11	26,939	11	16,208	11	5,406	11		11		11			11
1/4	58,883	1/4	48,106	1/4	37,329	1/4	26,720	1/4	15,982	1/4	5,182	1/4		1/4		11			1/4
1/2	58,659	1/2	47,882	1/2	37,104	1/2	26,502	1/2	15,757	1/2	4,958	1/2		1/2		11			1/2
3/4	58,434	3/4	47,657	3/4	36,880	3/4	26,283	3/4	15,532	3/4	4,734	3/4		3/4		11			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/10/2017 SW  
CALCULATED: 05/11/2017 CL  
PRINTED: 05/11/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2017

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



# BARGE "CBC 1392"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	170,386	0	161,514	0	149,513	0	137,490	0	125,422	0	113,354	0	101,287	0	89,218
1/4	1/4	1/4	1/4	1/4	170,369	1/4	161,264	1/4	149,263	1/4	137,239	1/4	125,171	1/4	113,103	1/4	101,035	1/4	88,967
1/2	1/2	1/2	1/2	1/2	170,351	1/2	161,014	1/2	149,013	1/2	136,987	1/2	124,919	1/2	112,852	1/2	100,784	1/2	88,715
3/4	3/4	3/4	3/4	3/4	170,334	3/4	160,764	3/4	148,763	3/4	136,736	3/4	124,668	3/4	112,600	3/4	100,533	3/4	88,464
1	1	1	1	1	170,317	1	160,514	1	148,513	1	136,484	1	124,417	1	112,349	1	100,281	1	88,213
1/4	1/4	1/4	1/4	1/4	170,258	1/4	160,264	1/4	148,263	1/4	136,233	1/4	124,165	1/4	112,097	1/4	100,030	1/4	87,961
1/2	1/2	1/2	1/2	1/2	170,199	1/2	160,014	1/2	148,013	1/2	135,981	1/2	123,914	1/2	111,846	1/2	99,778	1/2	87,710
3/4	3/4	3/4	3/4	3/4	170,140	3/4	159,763	3/4	147,763	3/4	135,730	3/4	123,662	3/4	111,595	3/4	99,527	3/4	87,458
2	2	2	2	2	170,081	2	159,513	2	147,513	2	135,479	2	123,411	2	111,343	2	99,275	2	87,207
1/4	1/4	1/4	1/4	1/4	169,980	1/4	159,263	1/4	147,263	1/4	135,227	1/4	123,160	1/4	111,092	1/4	99,024	1/4	86,955
1/2	1/2	1/2	1/2	1/2	169,879	1/2	159,013	1/2	147,013	1/2	134,976	1/2	122,908	1/2	110,840	1/2	98,773	1/2	86,704
3/4	3/4	3/4	3/4	3/4	169,778	3/4	158,763	3/4	146,763	3/4	134,724	3/4	122,657	3/4	110,589	3/4	98,521	3/4	86,452
3	3	3	3	3	169,677	3	158,513	3	146,513	3	134,473	3	122,405	3	110,338	3	98,270	3	86,201
1/4	1/4	1/4	1/4	1/4	169,534	1/4	158,263	1/4	146,263	1/4	134,222	1/4	122,154	1/4	110,086	1/4	98,018	1/4	85,949
1/2	1/2	1/2	1/2	1/2	169,391	1/2	158,013	1/2	146,013	1/2	133,970	1/2	121,902	1/2	109,835	1/2	97,767	1/2	85,698
3/4	3/4	3/4	3/4	3/4	169,248	3/4	157,763	3/4	145,763	3/4	133,719	3/4	121,651	3/4	109,583	3/4	97,516	3/4	85,447
4	4	4	4	4	169,105	4	157,513	4	145,513	4	133,467	4	121,400	4	109,332	4	97,264	4	85,195
1/4	1/4	1/4	1/4	1/4	168,920	1/4	157,263	1/4	145,263	1/4	133,216	1/4	121,148	1/4	109,080	1/4	97,013	1/4	84,944
1/2	1/2	1/2	1/2	1/2	168,735	1/2	157,013	1/2	145,013	1/2	132,965	1/2	120,897	1/2	108,829	1/2	96,761	1/2	84,692
3/4	3/4	3/4	3/4	3/4	168,550	3/4	156,763	3/4	144,763	3/4	132,713	3/4	120,645	3/4	108,578	3/4	96,510	3/4	84,441
5	5	5	5	5	168,365	5	156,513	5	144,513	5	132,462	5	120,394	5	108,326	5	96,259	5	84,189
1/4	1/4	1/4	1/4	1/4	168,139	1/4	156,263	1/4	144,263	1/4	132,210	1/4	120,143	1/4	108,075	1/4	96,007	1/4	83,938
1/2	1/2	1/2	1/2	1/2	167,912	1/2	156,013	1/2	144,013	1/2	131,959	1/2	119,891	1/2	107,823	1/2	95,756	1/2	83,686
3/4	3/4	3/4	3/4	3/4	167,685	3/4	155,763	3/4	143,763	3/4	131,707	3/4	119,640	3/4	107,572	3/4	95,504	3/4	83,435
6	6	6	6	6	167,458	6	155,513	6	143,513	6	131,456	6	119,388	6	107,321	6	95,253	6	83,183
1/4	1/4	1/4	1/4	1/4	167,211	1/4	155,263	1/4	143,263	1/4	131,205	1/4	119,137	1/4	107,069	1/4	95,001	1/4	82,932
1/2	1/2	1/2	1/2	1/2	166,963	1/2	155,013	1/2	143,013	1/2	130,953	1/2	118,886	1/2	106,818	1/2	94,750	1/2	82,681
3/4	3/4	3/4	3/4	3/4	166,715	3/4	154,763	3/4	142,763	3/4	130,702	3/4	118,634	3/4	106,566	3/4	94,499	3/4	82,429
7	7	7	7	7	166,468	7	154,513	7	142,513	7	130,450	7	118,383	7	106,315	7	94,247	7	82,178
1/4	1/4	1/4	1/4	1/4	166,220	1/4	154,263	1/4	142,263	1/4	130,199	1/4	118,131	1/4	106,064	1/4	93,996	1/4	81,926
1/2	1/2	1/2	1/2	1/2	165,972	1/2	154,013	1/2	142,013	1/2	129,948	1/2	117,880	1/2	105,812	1/2	93,744	1/2	81,675
3/4	3/4	3/4	3/4	3/4	165,725	3/4	153,763	3/4	141,763	3/4	129,696	3/4	117,628	3/4	105,561	3/4	93,493	3/4	81,423
8	8	8	8	8	165,477	8	153,513	8	141,513	8	129,445	8	117,377	8	105,309	8	93,242	8	81,172
1/4	1/4	1/4	1/4	1/4	165,229	1/4	153,263	1/4	141,261	1/4	129,193	1/4	117,126	1/4	105,058	1/4	92,990	1/4	80,920
1/2	1/2	1/2	1/2	1/2	164,981	1/2	153,013	1/2	141,010	1/2	128,942	1/2	116,874	1/2	104,807	1/2	92,739	1/2	80,669
3/4	3/4	3/4	3/4	3/4	164,734	3/4	152,763	3/4	140,758	3/4	128,691	3/4	116,623	3/4	104,555	3/4	92,487	3/4	80,417
9	9	9	9	9	164,486	9	152,513	9	140,507	9	128,439	9	116,371	9	104,304	9	92,236	9	80,166
1/4	1/4	1/4	1/4	1/4	164,238	1/4	152,263	1/4	140,255	1/4	128,188	1/4	116,120	1/4	104,052	1/4	91,984	1/4	79,915
1/2	1/2	1/2	1/2	1/2	163,991	1/2	152,013	1/2	140,004	1/2	127,936	1/2	115,869	1/2	103,801	1/2	91,733	1/2	79,663
3/4	3/4	3/4	3/4	3/4	163,743	3/4	151,763	3/4	139,753	3/4	127,685	3/4	115,617	3/4	103,549	3/4	91,481	3/4	79,412
10	10	10	10	10	163,495	10	151,513	10	139,501	10	127,433	10	115,366	10	103,298	10	91,230	10	79,160
1/4	1/4	1/4	1/4	1/4	163,248	1/4	151,263	1/4	139,250	1/4	127,182	1/4	115,114	1/4	103,047	1/4	90,979	1/4	78,909
1/2	1/2	1/2	1/2	1/2	163,000	1/2	151,013	1/2	138,998	1/2	126,931	1/2	114,863	1/2	102,795	1/2	90,727	1/2	78,657
3/4	3/4	3/4	3/4	3/4	162,752	3/4	150,763	3/4	138,747	3/4	126,679	3/4	114,612	3/4	102,544	3/4	90,476	3/4	78,406
11	11	11	11	11	162,504	11	150,513	11	138,496	11	126,428	11	114,360	11	102,292	11	90,224	11	78,154
1/4	1/4	1/4	1/4	1/4	162,257	1/4	150,263	1/4	138,244	1/4	126,176	1/4	114,109	1/4	102,041	1/4	89,973	1/4	77,903
1/2	1/2	1/2	1/2	1/2	162,009	1/2	150,013	1/2	137,993	1/2	125,925	1/2	113,857	1/2	101,790	1/2	89,721	1/2	77,651
3/4	3/4	3/4	3/4	3/4	161,761	3/4	149,763	3/4	137,741	3/4	125,674	3/4	113,606	3/4	101,538	3/4	89,470	3/4	77,400

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 1392"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	77,149	0	65,079	0	53,009	0	40,939	0	29,135	0	17,094	0	5,034	0		0			0
1/4	76,897	1/4	64,827	1/4	52,757	1/4	40,688	1/4	28,890	1/4	16,842	1/4	4,786	1/4		1/4			1/4
1/2	76,646	1/2	64,576	1/2	52,506	1/2	40,436	1/2	28,646	1/2	16,591	1/2	4,537	1/2		1/2			1/2
3/4	76,394	3/4	64,324	3/4	52,255	3/4	40,185	3/4	28,402	3/4	16,339	3/4	4,288	3/4		3/4			3/4
1	76,143	1	64,073	1	52,003	1	39,933	1	28,157	1	16,088	1	4,040	1		1			1
1/4	75,891	1/4	63,821	1/4	51,752	1/4	39,682	1/4	27,906	1/4	15,836	1/4	3,793	1/4		1/4			1/4
1/2	75,640	1/2	63,570	1/2	51,500	1/2	39,430	1/2	27,654	1/2	15,585	1/2	3,547	1/2		1/2			1/2
3/4	75,388	3/4	63,319	3/4	51,249	3/4	39,179	3/4	27,403	3/4	15,333	3/4	3,300	3/4		3/4			3/4
2	75,137	2	63,067	2	50,997	2	38,927	2	27,151	2	15,082	2	3,054	2		2			2
1/4	74,885	1/4	62,816	1/4	50,746	1/4	38,676	1/4	26,900	1/4	14,831	1/4	2,824	1/4		1/4			1/4
1/2	74,634	1/2	62,564	1/2	50,494	1/2	38,425	1/2	26,648	1/2	14,579	1/2	2,594	1/2		1/2			1/2
3/4	74,383	3/4	62,313	3/4	50,243	3/4	38,173	3/4	26,397	3/4	14,328	3/4	2,364	3/4		3/4			3/4
3	74,131	3	62,061	3	49,991	3	37,922	3	26,146	3	14,076	3	2,135	3		3			3
1/4	73,880	1/4	61,810	1/4	49,740	1/4	37,677	1/4	25,894	1/4	13,825	1/4	1,946	1/4		1/4			1/4
1/2	73,628	1/2	61,558	1/2	49,489	1/2	37,433	1/2	25,643	1/2	13,573	1/2	1,757	1/2		1/2			1/2
3/4	73,377	3/4	61,307	3/4	49,237	3/4	37,188	3/4	25,391	3/4	13,322	3/4	1,569	3/4		3/4			3/4
4	73,125	4	61,055	4	48,986	4	36,944	4	25,140	4	13,070	4	1,380	4		4			4
1/4	72,874	1/4	60,804	1/4	48,734	1/4	36,700	1/4	24,888	1/4	12,819	1/4	1,234	1/4		1/4			1/4
1/2	72,622	1/2	60,553	1/2	48,483	1/2	36,456	1/2	24,637	1/2	12,568	1/2	1,087	1/2		1/2			1/2
3/4	72,371	3/4	60,301	3/4	48,231	3/4	36,212	3/4	24,385	3/4	12,316	3/4	940	3/4		3/4			3/4
5	72,119	5	60,050	5	47,980	5	35,968	5	24,134	5	12,065	5	794	5		5			5
1/4	71,868	1/4	59,798	1/4	47,728	1/4	35,724	1/4	23,883	1/4	11,813	1/4	689	1/4		1/4			1/4
1/2	71,617	1/2	59,547	1/2	47,477	1/2	35,480	1/2	23,631	1/2	11,562	1/2	584	1/2		1/2			1/2
3/4	71,365	3/4	59,295	3/4	47,225	3/4	35,236	3/4	23,380	3/4	11,310	3/4	479	3/4		3/4			3/4
6	71,114	6	59,044	6	46,974	6	34,992	6	23,128	6	11,059	6	374	6		6			6
1/4	70,862	1/4	58,792	1/4	46,723	1/4	34,748	1/4	22,877	1/4	10,807	1/4	312	1/4		1/4			1/4
1/2	70,611	1/2	58,541	1/2	46,471	1/2	34,504	1/2	22,625	1/2	10,556	1/2	249	1/2		1/2			1/2
3/4	70,359	3/4	58,289	3/4	46,220	3/4	34,260	3/4	22,374	3/4	10,305	3/4	186	3/4		3/4			3/4
7	70,108	7	58,038	7	45,968	7	34,016	7	22,122	7	10,053	7	123	7		7			7
1/4	69,856	1/4	57,787	1/4	45,717	1/4	33,771	1/4	21,871	1/4	9,802	1/4	102	1/4		1/4			1/4
1/2	69,605	1/2	57,535	1/2	45,465	1/2	33,527	1/2	21,620	1/2	9,550	1/2	81	1/2		1/2			1/2
3/4	69,353	3/4	57,284	3/4	45,214	3/4	33,283	3/4	21,368	3/4	9,299	3/4	60	3/4		3/4			3/4
8	69,102	8	57,032	8	44,962	8	33,039	8	21,117	8	9,047	8	39	8		8			8
1/4	68,851	1/4	56,781	1/4	44,711	1/4	32,795	1/4	20,865	1/4	8,796	1/4		1/4		1/4			1/4
1/2	68,599	1/2	56,529	1/2	44,459	1/2	32,551	1/2	20,614	1/2	8,544	1/2		1/2		1/2			1/2
3/4	68,348	3/4	56,278	3/4	44,208	3/4	32,307	3/4	20,362	3/4	8,293	3/4		3/4		3/4			3/4
9	68,096	9	56,026	9	43,957	9	32,063	9	20,111	9	8,042	9		9		9			9
1/4	67,845	1/4	55,775	1/4	43,705	1/4	31,819	1/4	19,859	1/4	7,790	1/4		1/4		1/4			1/4
1/2	67,593	1/2	55,523	1/2	43,454	1/2	31,575	1/2	19,608	1/2	7,539	1/2		1/2		1/2			1/2
3/4	67,342	3/4	55,272	3/4	43,202	3/4	31,331	3/4	19,357	3/4	7,288	3/4		3/4		3/4			3/4
10	67,090	10	55,021	10	42,951	10	31,087	10	19,105	10	7,037	10		10		10			10
1/4	66,839	1/4	54,769	1/4	42,699	1/4	30,843	1/4	18,854	1/4	6,786	1/4		1/4		1/4			1/4
1/2	66,587	1/2	54,518	1/2	42,448	1/2	30,599	1/2	18,602	1/2	6,535	1/2		1/2		1/2			1/2
3/4	66,336	3/4	54,266	3/4	42,196	3/4	30,355	3/4	18,351	3/4	6,285	3/4		3/4		3/4			3/4
11	66,085	11	54,015	11	41,945	11	30,111	11	18,099	11	6,034	11		11		11			11
1/4	65,833	1/4	53,763	1/4	41,693	1/4	29,867	1/4	17,848	1/4	5,784	1/4		1/4		1/4			1/4
1/2	65,582	1/2	53,512	1/2	41,442	1/2	29,623	1/2	17,596	1/2	5,534	1/2		1/2		1/2			1/2
3/4	65,330	3/4	53,260	3/4	41,191	3/4	29,379	3/4	17,345	3/4	5,284	3/4		3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/10/2017 SW  
CALCULATED: 05/11/2017 CL  
PRINTED: 05/11/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2017

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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<http://www.pmacorp.net>



# BARGE "CBC 1392"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	151,893	0	143,580	0	132,896	0	122,189	0	111,446	0	100,703	0	89,960	0	79,217		
1/4	1/4	1/4	151,878	1/4	143,557	1/4	132,673	1/4	121,966	1/4	111,223	1/4	100,480	1/4	89,737	1/4	78,993		
1/2	1/2	1/2	151,863	1/2	143,135	1/2	132,450	1/2	121,742	1/2	110,999	1/2	100,256	1/2	89,513	1/2	78,769		
3/4	3/4	3/4	151,810	3/4	142,912	3/4	132,228	3/4	121,518	3/4	110,775	3/4	100,032	3/4	89,289	3/4	78,545		
1	1	1	151,758	1	142,689	1	132,005	1	121,294	1	110,551	1	99,808	1	89,065	1	78,321		
1/4	1/4	1/4	151,705	1/4	142,467	1/4	131,783	1/4	121,070	1/4	110,327	1/4	99,584	1/4	88,841	1/4	78,097		
1/2	1/2	1/2	151,652	1/2	142,244	1/2	131,560	1/2	120,847	1/2	110,104	1/2	99,360	1/2	88,617	1/2	77,873		
3/4	3/4	3/4	151,562	3/4	142,022	3/4	131,338	3/4	120,623	3/4	109,880	3/4	99,137	3/4	88,394	3/4	77,650		
2	2	2	151,472	2	141,799	2	131,115	2	120,399	2	109,656	2	98,913	2	88,170	2	77,426		
1/4	1/4	1/4	151,382	1/4	141,577	1/4	130,892	1/4	120,175	1/4	109,432	1/4	98,689	1/4	87,946	1/4	77,202		
1/2	1/2	1/2	151,292	1/2	141,354	1/2	130,670	1/2	119,951	1/2	109,208	1/2	98,465	1/2	87,722	1/2	76,978		
3/4	3/4	3/4	151,165	3/4	141,131	3/4	130,447	3/4	119,727	3/4	108,984	3/4	98,241	3/4	87,498	3/4	76,754		
3	3	3	151,038	3	140,909	3	130,225	3	119,504	3	108,761	3	98,018	3	87,275	3	76,530		
1/4	1/4	1/4	150,911	1/4	140,686	1/4	130,002	1/4	119,280	1/4	108,537	1/4	97,794	1/4	87,051	1/4	76,307		
1/2	1/2	1/2	150,783	1/2	140,464	1/2	129,779	1/2	119,056	1/2	108,313	1/2	97,570	1/2	86,827	1/2	76,083		
3/4	3/4	3/4	150,619	3/4	140,241	3/4	129,557	3/4	118,832	3/4	108,089	3/4	97,346	3/4	86,603	3/4	75,859		
4	4	4	150,454	4	140,018	4	129,334	4	118,608	4	107,865	4	97,122	4	86,379	4	75,635		
1/4	1/4	1/4	150,290	1/4	139,796	1/4	129,112	1/4	118,385	1/4	107,642	1/4	96,899	1/4	86,155	1/4	75,411		
1/2	1/2	1/2	150,125	1/2	139,573	1/2	128,889	1/2	118,161	1/2	107,418	1/2	96,675	1/2	85,932	1/2	75,187		
3/4	3/4	3/4	149,923	3/4	139,351	3/4	128,667	3/4	117,937	3/4	107,194	3/4	96,451	3/4	85,708	3/4	74,963		
5	5	5	149,721	5	139,128	5	128,444	5	117,713	5	106,970	5	96,227	5	85,484	5	74,740		
1/4	1/4	1/4	149,520	1/4	138,905	1/4	128,221	1/4	117,489	1/4	106,746	1/4	96,003	1/4	85,260	1/4	74,516		
1/2	1/2	1/2	149,318	1/2	138,683	1/2	127,999	1/2	117,266	1/2	106,523	1/2	95,779	1/2	85,036	1/2	74,292		
3/4	3/4	3/4	149,097	3/4	138,460	3/4	127,776	3/4	117,042	3/4	106,299	3/4	95,556	3/4	84,813	3/4	74,068		
6	6	6	148,877	6	138,238	6	127,554	6	116,818	6	106,075	6	95,332	6	84,589	6	73,844		
1/4	1/4	1/4	148,656	1/4	138,015	1/4	127,331	1/4	116,594	1/4	105,851	1/4	95,108	1/4	84,365	1/4	73,620		
1/2	1/2	1/2	148,436	1/2	137,793	1/2	127,108	1/2	116,370	1/2	105,627	1/2	94,884	1/2	84,141	1/2	73,396		
3/4	3/4	3/4	148,215	3/4	137,570	3/4	126,886	3/4	116,146	3/4	105,403	3/4	94,660	3/4	83,917	3/4	73,173		
7	7	7	147,994	7	137,347	7	126,663	7	115,923	7	105,180	7	94,437	7	83,694	7	72,949		
1/4	1/4	1/4	147,774	1/4	137,125	1/4	126,441	1/4	115,699	1/4	104,956	1/4	94,213	1/4	83,470	1/4	72,725		
1/2	1/2	1/2	147,553	1/2	136,902	1/2	126,218	1/2	115,475	1/2	104,732	1/2	93,989	1/2	83,246	1/2	72,501		
3/4	3/4	3/4	147,333	3/4	136,680	3/4	125,994	3/4	115,251	3/4	104,508	3/4	93,765	3/4	83,022	3/4	72,277		
8	8	8	147,112	8	136,457	8	125,770	8	115,027	8	104,284	8	93,541	8	82,798	8	72,053		
1/4	1/4	1/4	146,892	1/4	136,234	1/4	125,547	1/4	114,804	1/4	104,061	1/4	93,318	1/4	82,574	1/4	71,830		
1/2	1/2	1/2	146,671	1/2	136,012	1/2	125,323	1/2	114,580	1/2	103,837	1/2	93,094	1/2	82,351	1/2	71,606		
3/4	3/4	3/4	146,451	3/4	135,789	3/4	125,099	3/4	114,356	3/4	103,613	3/4	92,870	3/4	82,127	3/4	71,382		
9	9	9	146,230	9	135,567	9	124,875	9	114,132	9	103,389	9	92,646	9	81,903	9	71,158		
1/4	1/4	1/4	146,010	1/4	135,344	1/4	124,651	1/4	113,908	1/4	103,165	1/4	92,422	1/4	81,679	1/4	70,934		
1/2	1/2	1/2	145,789	1/2	135,122	1/2	124,428	1/2	113,685	1/2	102,941	1/2	92,198	1/2	81,455	1/2	70,710		
3/4	3/4	3/4	145,569	3/4	134,899	3/4	124,204	3/4	113,461	3/4	102,718	3/4	91,975	3/4	81,231	3/4	70,486		
10	10	10	145,348	10	134,676	10	123,980	10	113,237	10	102,494	10	91,751	10	81,007	10	70,263		
1/4	1/4	1/4	145,128	1/4	134,454	1/4	123,756	1/4	113,013	1/4	102,270	1/4	91,527	1/4	80,784	1/4	70,039		
1/2	1/2	1/2	144,907	1/2	134,231	1/2	123,532	1/2	112,789	1/2	102,046	1/2	91,303	1/2	80,560	1/2	69,815		
3/4	3/4	3/4	144,687	3/4	134,009	3/4	123,309	3/4	112,565	3/4	101,822	3/4	91,079	3/4	80,336	3/4	69,591		
11	11	11	144,466	11	133,786	11	123,085	11	112,342	11	101,599	11	90,856	11	80,112	11	69,367		
1/4	1/4	1/4	144,245	1/4	133,563	1/4	122,861	1/4	112,118	1/4	101,375	1/4	90,632	1/4	79,888	1/4	69,143		
1/2	1/2	1/2	151,924	1/2	144,025	1/2	133,341	1/2	122,637	1/2	111,894	1/2	90,408	1/2	79,664	1/2	68,919		
3/4	3/4	3/4	151,909	3/4	143,802	3/4	133,118	3/4	122,413	3/4	111,670	3/4	90,184	3/4	79,440	3/4	68,696		

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  
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# BARGE "CBC 1392"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	68,472	0	57,727	0	46,982	0	36,237	0	25,516	0	14,774	0	4,043	0		0			0
1/4	68,248	1/4	57,503	1/4	46,758	1/4	36,013	1/4	25,293	1/4	14,550	1/4	3,822	1/4		1/4			1/4
1/2	68,024	1/2	57,279	1/2	46,534	1/2	35,789	1/2	25,069	1/2	14,326	1/2	3,601	1/2		1/2			1/2
3/4	67,800	3/4	57,055	3/4	46,310	3/4	35,566	3/4	24,846	3/4	14,102	3/4	3,381	3/4		3/4			3/4
1	67,576	1	56,831	1	46,087	1	35,342	1	24,622	1	13,878	1	3,162	1		1			1
1/4	67,352	1/4	56,608	1/4	45,863	1/4	35,118	1/4	24,399	1/4	13,655	1/4	2,942	1/4		1/4			1/4
1/2	67,129	1/2	56,384	1/2	45,639	1/2	34,894	1/2	24,175	1/2	13,431	1/2	2,723	1/2		1/2			1/2
3/4	66,905	3/4	56,160	3/4	45,415	3/4	34,670	3/4	23,951	3/4	13,207	3/4	2,518	3/4		3/4			3/4
2	66,681	2	55,936	2	45,191	2	34,446	2	23,727	2	12,983	2	2,314	2		2			2
1/4	66,457	1/4	55,712	1/4	44,967	1/4	34,223	1/4	23,504	1/4	12,759	1/4	2,109	1/4		1/4			1/4
1/2	66,233	1/2	55,488	1/2	44,744	1/2	33,999	1/2	23,280	1/2	12,535	1/2	1,905	1/2		1/2			1/2
3/4	66,009	3/4	55,265	3/4	44,520	3/4	33,775	3/4	23,056	3/4	12,312	3/4	1,737	3/4		3/4			3/4
3	65,786	3	55,041	3	44,296	3	33,551	3	22,832	3	12,088	3	1,569	3		3			3
1/4	65,562	1/4	54,817	1/4	44,072	1/4	33,327	1/4	22,608	1/4	11,864	1/4	1,401	1/4		1/4			1/4
1/2	65,338	1/2	54,593	1/2	43,848	1/2	33,103	1/2	22,384	1/2	11,640	1/2	1,233	1/2		1/2			1/2
3/4	65,114	3/4	54,369	3/4	43,624	3/4	32,880	3/4	22,161	3/4	11,416	3/4	1,103	3/4		3/4			3/4
4	64,890	4	54,145	4	43,400	4	32,657	4	21,937	4	11,192	4	972	4		4			4
1/4	64,666	1/4	53,921	1/4	43,177	1/4	32,434	1/4	21,713	1/4	10,968	1/4	841	1/4		1/4			1/4
1/2	64,442	1/2	53,698	1/2	42,953	1/2	32,211	1/2	21,489	1/2	10,745	1/2	711	1/2		1/2			1/2
3/4	64,219	3/4	53,474	3/4	42,729	3/4	31,988	3/4	21,265	3/4	10,521	3/4	618	3/4		3/4			3/4
5	63,995	5	53,250	5	42,505	5	31,764	5	21,041	5	10,297	5	524	5		5			5
1/4	63,771	1/4	53,026	1/4	42,281	1/4	31,541	1/4	20,818	1/4	10,073	1/4	431	1/4		1/4			1/4
1/2	63,547	1/2	52,802	1/2	42,057	1/2	31,318	1/2	20,594	1/2	9,849	1/2	338	1/2		1/2			1/2
3/4	63,323	3/4	52,578	3/4	41,833	3/4	31,095	3/4	20,370	3/4	9,625	3/4	282	3/4		3/4			3/4
6	63,099	6	52,354	6	41,610	6	30,872	6	20,146	6	9,402	6	226	6		6			6
1/4	62,875	1/4	52,131	1/4	41,386	1/4	30,649	1/4	19,922	1/4	9,178	1/4	170	1/4		1/4			1/4
1/2	62,652	1/2	51,907	1/2	41,162	1/2	30,426	1/2	19,698	1/2	8,954	1/2	114	1/2		1/2			1/2
3/4	62,428	3/4	51,683	3/4	40,938	3/4	30,203	3/4	19,474	3/4	8,730	3/4	95	3/4		3/4			3/4
7	62,204	7	51,459	7	40,714	7	29,979	7	19,251	7	8,506	7	77	7		7			7
1/4	61,980	1/4	51,235	1/4	40,490	1/4	29,756	1/4	19,027	1/4	8,282	1/4	58	1/4		1/4			1/4
1/2	61,756	1/2	51,011	1/2	40,267	1/2	29,533	1/2	18,803	1/2	8,059	1/2	39	1/2		1/2			1/2
3/4	61,532	3/4	50,788	3/4	40,043	3/4	29,310	3/4	18,579	3/4	7,835	3/4		3/4		3/4			3/4
8	61,309	8	50,564	8	39,819	8	29,087	8	18,355	8	7,611	8		8		8			8
1/4	61,085	1/4	50,340	1/4	39,595	1/4	28,864	1/4	18,131	1/4	7,387	1/4		1/4		1/4			1/4
1/2	60,861	1/2	50,116	1/2	39,371	1/2	28,641	1/2	17,908	1/2	7,163	1/2		1/2		1/2			1/2
3/4	60,637	3/4	49,892	3/4	39,147	3/4	28,418	3/4	17,684	3/4	6,940	3/4		3/4		3/4			3/4
9	60,413	9	49,668	9	38,923	9	28,194	9	17,460	9	6,716	9		9		9			9
1/4	60,189	1/4	49,444	1/4	38,700	1/4	27,971	1/4	17,236	1/4	6,492	1/4		1/4		1/4			1/4
1/2	59,965	1/2	49,221	1/2	38,476	1/2	27,748	1/2	17,012	1/2	6,269	1/2		1/2		1/2			1/2
3/4	59,742	3/4	48,997	3/4	38,252	3/4	27,525	3/4	16,788	3/4	6,045	3/4		3/4		3/4			3/4
10	59,518	10	48,773	10	38,028	10	27,302	10	16,565	10	5,822	10		10		10			10
1/4	59,294	1/4	48,549	1/4	37,804	1/4	27,079	1/4	16,341	1/4	5,599	1/4		1/4		1/4			1/4
1/2	59,070	1/2	48,325	1/2	37,580	1/2	26,856	1/2	16,117	1/2	5,376	1/2		1/2		1/2			1/2
3/4	58,846	3/4	48,101	3/4	37,356	3/4	26,632	3/4	15,893	3/4	5,153	3/4		3/4		3/4			3/4
11	58,622	11	47,877	11	37,133	11	26,409	11	15,669	11	4,931	11		11		11			11
1/4	58,398	1/4	47,654	1/4	36,909	1/4	26,186	1/4	15,445	1/4	4,708	1/4		1/4		1/4			1/4
1/2	58,175	1/2	47,430	1/2	36,685	1/2	25,963	1/2	15,221	1/2	4,486	1/2		1/2		1/2			1/2
3/4	57,951	3/4	47,206	3/4	36,461	3/4	25,740	3/4	14,998	3/4	4,265	3/4		3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/10/2017 SW  
CALCULATED: 05/11/2017 CL  
PRINTED: 05/11/2017 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2017

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