



# BARGE "CBC 1384"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-2/8	00-2/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-4/8	01-4/8	- 01-7/8	01-7/8
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	- 00-1/2	00-1/2
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8

(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 00-5/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 5/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

July 8, 2015

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

<http://www.pmacorp.net>



# BARGE "CBC 1384"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	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 31'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
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# BARGE "CBC 1384"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	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	

STRAPPED: 07/08/2015 SW  
CALCULATED: 07/08/2015 CL  
PRINTED: 07/09/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 1384"

## 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	9,054	0	21,132	0	33,064	0	44,995	0	57,074	0	69,153	0	81,231	0	93,310	0	105,387
1/4	60	1/4	9,306	1/4	21,384	1/4	33,308	1/4	45,247	1/4	57,326	1/4	69,404	1/4	81,483	1/4	93,562	1/4	105,638
1/2	81	1/2	9,557	1/2	21,635	1/2	33,552	1/2	45,499	1/2	57,577	1/2	69,656	1/2	81,735	1/2	93,813	1/2	105,890
3/4	102	3/4	9,809	3/4	21,887	3/4	33,796	3/4	45,750	3/4	57,829	3/4	69,908	3/4	81,986	3/4	94,065	3/4	106,141
1	123	1	10,060	1	22,139	1	34,041	1	46,002	1	58,081	1	70,159	1	82,238	1	94,316	1	106,393
1/4	186	1/4	10,312	1/4	22,390	1/4	34,285	1/4	46,254	1/4	58,332	1/4	70,411	1/4	82,490	1/4	94,568	1/4	106,645
1/2	249	1/2	10,564	1/2	22,642	1/2	34,529	1/2	46,505	1/2	58,584	1/2	70,663	1/2	82,741	1/2	94,820	1/2	106,896
3/4	312	3/4	10,815	3/4	22,894	3/4	34,773	3/4	46,757	3/4	58,836	3/4	70,914	3/4	82,993	3/4	95,071	3/4	107,148
2	375	2	11,067	2	23,145	2	35,017	2	47,009	2	59,087	2	71,166	2	83,245	2	95,323	2	107,399
1/4	480	1/4	11,319	1/4	23,397	1/4	35,262	1/4	47,260	1/4	59,339	1/4	71,417	1/4	83,496	1/4	95,574	1/4	107,651
1/2	584	1/2	11,570	1/2	23,649	1/2	35,506	1/2	47,512	1/2	59,590	1/2	71,669	1/2	83,748	1/2	95,826	1/2	107,903
3/4	689	3/4	11,822	3/4	23,900	3/4	35,750	3/4	47,763	3/4	59,842	3/4	71,921	3/4	83,999	3/4	96,078	3/4	108,154
3	794	3	12,074	3	24,152	3	35,994	3	48,015	3	60,094	3	72,172	3	84,251	3	96,329	3	108,406
1/4	941	1/4	12,325	1/4	24,403	1/4	36,239	1/4	48,267	1/4	60,345	1/4	72,424	1/4	84,503	1/4	96,581	1/4	108,657
1/2	1,088	1/2	12,577	1/2	24,655	1/2	36,483	1/2	48,518	1/2	60,597	1/2	72,676	1/2	84,754	1/2	96,832	1/2	108,909
3/4	1,234	3/4	12,828	3/4	24,907	3/4	36,727	3/4	48,770	3/4	60,849	3/4	72,927	3/4	85,006	3/4	97,084	3/4	109,161
4	1,381	4	13,080	4	25,158	4	36,971	4	49,022	4	61,100	4	73,179	4	85,258	4	97,336	4	109,412
1/4	1,570	1/4	13,332	1/4	25,410	1/4	37,216	1/4	49,273	1/4	61,352	1/4	73,431	1/4	85,509	1/4	97,587	1/4	109,664
1/2	1,759	1/2	13,583	1/2	25,662	1/2	37,460	1/2	49,525	1/2	61,604	1/2	73,682	1/2	85,761	1/2	97,839	1/2	109,915
3/4	1,947	3/4	13,835	3/4	25,913	3/4	37,705	3/4	49,777	3/4	61,855	3/4	73,934	3/4	86,013	3/4	98,090	3/4	110,167
5	2,136	5	14,087	5	26,165	5	37,949	5	50,028	5	62,107	5	74,186	5	86,264	5	98,342	5	110,419
1/4	2,366	1/4	14,338	1/4	26,416	1/4	38,201	1/4	50,280	1/4	62,358	1/4	74,437	1/4	86,516	1/4	98,594	1/4	110,670
1/2	2,596	1/2	14,590	1/2	26,668	1/2	38,453	1/2	50,531	1/2	62,610	1/2	74,689	1/2	86,767	1/2	98,845	1/2	110,922
3/4	2,826	3/4	14,841	3/4	26,920	3/4	38,704	3/4	50,783	3/4	62,862	3/4	74,940	3/4	87,019	3/4	99,097	3/4	111,173
6	3,056	6	15,093	6	27,171	6	38,956	6	51,035	6	63,113	6	75,192	6	87,271	6	99,348	6	111,425
1/4	3,303	1/4	15,345	1/4	27,423	1/4	39,208	1/4	51,286	1/4	63,365	1/4	75,444	1/4	87,522	1/4	99,600	1/4	111,677
1/2	3,549	1/2	15,596	1/2	27,675	1/2	39,459	1/2	51,538	1/2	63,617	1/2	75,695	1/2	87,774	1/2	99,852	1/2	111,928
3/4	3,796	3/4	15,848	3/4	27,926	3/4	39,711	3/4	51,790	3/4	63,868	3/4	75,947	3/4	88,026	3/4	100,103	3/4	112,180
7	4,043	7	16,100	7	28,178	7	39,963	7	52,041	7	64,120	7	76,199	7	88,277	7	100,355	7	112,431
1/4	4,291	1/4	16,351	1/4	28,422	1/4	40,214	1/4	52,293	1/4	64,372	1/4	76,450	1/4	88,529	1/4	100,606	1/4	112,683
1/2	4,540	1/2	16,603	1/2	28,667	1/2	40,466	1/2	52,545	1/2	64,623	1/2	76,702	1/2	88,781	1/2	100,858	1/2	112,935
3/4	4,789	3/4	16,854	3/4	28,912	3/4	40,718	3/4	52,796	3/4	64,875	3/4	76,954	3/4	89,032	3/4	101,110	3/4	113,186
8	5,038	8	17,106	8	29,156	8	40,969	8	53,048	8	65,127	8	77,205	8	89,284	8	101,361	8	113,438
1/4	5,288	1/4	17,358	1/4	29,400	1/4	41,221	1/4	53,299	1/4	65,378	1/4	77,457	1/4	89,536	1/4	101,613	1/4	113,689
1/2	5,538	1/2	17,609	1/2	29,645	1/2	41,472	1/2	53,551	1/2	65,630	1/2	77,708	1/2	89,787	1/2	101,864	1/2	113,941
3/4	5,788	3/4	17,861	3/4	29,889	3/4	41,724	3/4	53,803	3/4	65,881	3/4	77,960	3/4	90,039	3/4	102,116	3/4	114,193
9	6,038	9	18,113	9	30,133	9	41,976	9	54,054	9	66,133	9	78,212	9	90,290	9	102,368	9	114,444
1/4	6,289	1/4	18,364	1/4	30,377	1/4	42,227	1/4	54,306	1/4	66,385	1/4	78,463	1/4	90,542	1/4	102,619	1/4	114,696
1/2	6,540	1/2	18,616	1/2	30,621	1/2	42,479	1/2	54,558	1/2	66,636	1/2	78,715	1/2	90,794	1/2	102,871	1/2	114,947
3/4	6,791	3/4	18,868	3/4	30,866	3/4	42,731	3/4	54,809	3/4	66,888	3/4	78,967	3/4	91,045	3/4	103,122	3/4	115,199
10	7,042	10	19,119	10	31,110	10	42,982	10	55,061	10	67,140	10	79,218	10	91,297	10	103,374	10	115,451
1/4	7,293	1/4	19,371	1/4	31,354	1/4	43,234	1/4	55,313	1/4	67,391	1/4	79,470	1/4	91,549	1/4	103,626	1/4	115,702
1/2	7,545	1/2	19,622	1/2	31,598	1/2	43,486	1/2	55,564	1/2	67,643	1/2	79,722	1/2	91,800	1/2	103,877	1/2	115,954
3/4	7,796	3/4	19,874	3/4	31,843	3/4	43,737	3/4	55,816	3/4	67,895	3/4	79,973	3/4	92,052	3/4	104,129	3/4	116,205
11	8,048	11	20,126	11	32,087	11	43,989	11	56,068	11	68,146	11	80,225	11	92,304	11	104,380	11	116,457
1/4	8,299	1/4	20,377	1/4	32,331	1/4	44,240	1/4	56,319	1/4	68,398	1/4	80,477	1/4	92,555	1/4	104,632	1/4	116,709
1/2	8,551	1/2	20,629	1/2	32,575	1/2	44,492	1/2	56,571	1/2	68,649	1/2	80,728	1/2	92,807	1/2	104,884	1/2	116,960
3/4	8,802	3/4	20,881	3/4	32,819	3/4	44,744	3/4	56,822	3/4	68,901	3/4	80,980	3/4	93,058	3/4	105,135	3/4	117,212

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 31'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 1384"

## 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	117,463	0	129,540	0	141,617	0	153,626	0	165,598	0		0		0		0		0	
1/4	117,715	1/4	129,792	1/4	141,867	1/4	153,876	1/4	165,846	1/4		1/4		1/4		1/4		1/4	
1/2	117,966	1/2	130,043	1/2	142,117	1/2	154,126	1/2	166,094	1/2		1/2		1/2		1/2		1/2	
3/4	118,218	3/4	130,295	3/4	142,367	3/4	154,377	3/4	166,342	3/4		3/4		3/4		3/4		3/4	
1	118,470	1	130,546	1	142,617	1	154,627	1	166,590	1	1	1	1	1	1	1	1	1	1
1/4	118,721	1/4	130,798	1/4	142,867	1/4	154,877	1/4	166,838	1/4		1/4		1/4		1/4		1/4	
1/2	118,973	1/2	131,049	1/2	143,118	1/2	155,127	1/2	167,086	1/2		1/2		1/2		1/2		1/2	
3/4	119,224	3/4	131,301	3/4	143,368	3/4	155,377	3/4	167,334	3/4		3/4		3/4		3/4		3/4	
2	119,476	2	131,553	2	143,618	2	155,628	2	167,582	2	2	2	2	2	2	2	2	2	2
1/4	119,728	1/4	131,804	1/4	143,868	1/4	155,878	1/4	167,808	1/4		1/4		1/4		1/4		1/4	
1/2	119,979	1/2	132,056	1/2	144,118	1/2	156,128	1/2	168,035	1/2		1/2		1/2		1/2		1/2	
3/4	120,231	3/4	132,307	3/4	144,369	3/4	156,378	3/4	168,262	3/4		3/4		3/4		3/4		3/4	
3	120,482	3	132,559	3	144,619	3	156,628	3	168,489	3	3	3	3	3	3	3	3	3	3
1/4	120,734	1/4	132,811	1/4	144,869	1/4	156,879	1/4	168,674	1/4		1/4		1/4		1/4		1/4	
1/2	120,986	1/2	133,062	1/2	145,119	1/2	157,129	1/2	168,859	1/2		1/2		1/2		1/2		1/2	
3/4	121,237	3/4	133,314	3/4	145,369	3/4	157,379	3/4	169,044	3/4		3/4		3/4		3/4		3/4	
4	121,489	4	133,565	4	145,620	4	157,629	4	169,229	4	4	4	4	4	4	4	4	4	4
1/4	121,740	1/4	133,817	1/4	145,870	1/4	157,879	1/4	169,372	1/4		1/4		1/4		1/4		1/4	
1/2	121,992	1/2	134,069	1/2	146,120	1/2	158,130	1/2	169,515	1/2		1/2		1/2		1/2		1/2	
3/4	122,244	3/4	134,320	3/4	146,370	3/4	158,380	3/4	169,658	3/4		3/4		3/4		3/4		3/4	
5	122,495	5	134,572	5	146,620	5	158,630	5	169,801	5	5	5	5	5	5	5	5	5	5
1/4	122,747	1/4	134,823	1/4	146,871	1/4	158,880	1/4	169,902	1/4		1/4		1/4		1/4		1/4	
1/2	122,998	1/2	135,075	1/2	147,121	1/2	159,130	1/2	170,003	1/2		1/2		1/2		1/2		1/2	
3/4	123,250	3/4	135,327	3/4	147,371	3/4	159,380	3/4	170,104	3/4		3/4		3/4		3/4		3/4	
6	123,502	6	135,578	6	147,621	6	159,631	6	170,206	6	6	6	6	6	6	6	6	6	6
1/4	123,753	1/4	135,830	1/4	147,871	1/4	159,881	1/4	170,265	1/4		1/4		1/4		1/4		1/4	
1/2	124,005	1/2	136,081	1/2	148,122	1/2	160,131	1/2	170,324	1/2		1/2		1/2		1/2		1/2	
3/4	124,256	3/4	136,333	3/4	148,372	3/4	160,381	3/4	170,383	3/4		3/4		3/4		3/4		3/4	
7	124,508	7	136,585	7	148,622	7	160,631	7	170,442	7	7	7	7	7	7	7	7	7	7
1/4	124,760	1/4	136,836	1/4	148,872	1/4	160,882	1/4	170,459	1/4		1/4		1/4		1/4		1/4	
1/2	125,011	1/2	137,088	1/2	149,122	1/2	161,132	1/2	170,477	1/2		1/2		1/2		1/2		1/2	
3/4	125,263	3/4	137,339	3/4	149,373	3/4	161,382	3/4	170,494	3/4		3/4		3/4		3/4		3/4	
8	125,514	8	137,591	8	149,623	8	161,632	8	170,511	8	8	8	8	8	8	8	8	8	8
1/4	125,766	1/4	137,843	1/4	149,873	1/4	161,880	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,018	1/2	138,094	1/2	150,123	1/2	162,128	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,269	3/4	138,346	3/4	150,373	3/4	162,376	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,521	9	138,597	9	150,624	9	162,624	9		9	9	9	9	9	9	9	9	9	9
1/4	126,772	1/4	138,849	1/4	150,874	1/4	162,872	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,024	1/2	139,101	1/2	151,124	1/2	163,120	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,276	3/4	139,352	3/4	151,374	3/4	163,367	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,527	10	139,604	10	151,624	10	163,615	10		10	10	10	10	10	10	10	10	10	10
1/4	127,779	1/4	139,855	1/4	151,875	1/4	163,863	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,030	1/2	140,107	1/2	152,125	1/2	164,111	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,282	3/4	140,359	3/4	152,375	3/4	164,359	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,534	11	140,610	11	152,625	11	164,607	11		11	11	11	11	11	11	11	11	11	11
1/4	128,785	1/4	140,862	1/4	152,875	1/4	164,855	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,037	1/2	141,113	1/2	153,126	1/2	165,103	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,288	3/4	141,365	3/4	153,376	3/4	165,351	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 07/08/2015 SW  
CALCULATED: 07/08/2015 CL  
PRINTED: 07/09/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CBC 1384"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,052	0	18,788	0	29,510	0	40,235	0	50,972	0	61,708	0	72,445	0	83,181	0	93,916
1/4	58	1/4	8,276	1/4	19,012	1/4	29,733	1/4	40,459	1/4	51,195	1/4	61,932	1/4	72,668	1/4	83,405	1/4	94,140
1/2	77	1/2	8,500	1/2	19,236	1/2	29,956	1/2	40,683	1/2	51,419	1/2	62,156	1/2	72,892	1/2	83,629	1/2	94,363
3/4	95	3/4	8,723	3/4	19,459	3/4	30,179	3/4	40,906	3/4	51,643	3/4	62,379	3/4	73,116	3/4	83,852	3/4	94,587
1	114	1	8,947	1	19,683	1	30,402	1	41,130	1	51,866	1	62,603	1	73,339	1	84,076	1	94,810
1/4	170	1/4	9,171	1/4	19,907	1/4	30,625	1/4	41,354	1/4	52,090	1/4	62,827	1/4	73,563	1/4	84,299	1/4	95,034
1/2	226	1/2	9,394	1/2	20,130	1/2	30,848	1/2	41,577	1/2	52,314	1/2	63,050	1/2	73,787	1/2	84,523	1/2	95,258
3/4	282	3/4	9,618	3/4	20,354	3/4	31,071	3/4	41,801	3/4	52,537	3/4	63,274	3/4	74,010	3/4	84,747	3/4	95,481
2	338	2	9,842	2	20,578	2	31,294	2	42,025	2	52,761	2	63,498	2	74,234	2	84,970	2	95,705
1/4	431	1/4	10,065	1/4	20,801	1/4	31,517	1/4	42,248	1/4	52,985	1/4	63,721	1/4	74,458	1/4	85,194	1/4	95,929
1/2	524	1/2	10,289	1/2	21,025	1/2	31,740	1/2	42,472	1/2	53,208	1/2	63,945	1/2	74,681	1/2	85,418	1/2	96,152
3/4	617	3/4	10,513	3/4	21,249	3/4	31,963	3/4	42,696	3/4	53,432	3/4	64,169	3/4	74,905	3/4	85,641	3/4	96,376
3	710	3	10,736	3	21,472	3	32,186	3	42,919	3	53,656	3	64,392	3	75,129	3	85,865	3	96,600
1/4	841	1/4	10,960	1/4	21,696	1/4	32,409	1/4	43,143	1/4	53,880	1/4	64,616	1/4	75,353	1/4	86,089	1/4	96,823
1/2	971	1/2	11,184	1/2	21,920	1/2	32,632	1/2	43,367	1/2	54,103	1/2	64,840	1/2	75,576	1/2	86,312	1/2	97,047
3/4	1,102	3/4	11,407	3/4	22,143	3/4	32,855	3/4	43,590	3/4	54,327	3/4	65,063	3/4	75,800	3/4	86,536	3/4	97,271
4	1,232	4	11,631	4	22,367	4	33,078	4	43,814	4	54,551	4	65,287	4	76,024	4	86,759	4	97,494
1/4	1,400	1/4	11,855	1/4	22,591	1/4	33,301	1/4	44,038	1/4	54,774	1/4	65,511	1/4	76,247	1/4	86,983	1/4	97,718
1/2	1,568	1/2	12,078	1/2	22,814	1/2	33,525	1/2	44,261	1/2	54,998	1/2	65,734	1/2	76,471	1/2	87,207	1/2	97,941
3/4	1,735	3/4	12,302	3/4	23,038	3/4	33,749	3/4	44,485	3/4	55,222	3/4	65,958	3/4	76,695	3/4	87,430	3/4	98,165
5	1,903	5	12,526	5	23,262	5	33,972	5	44,709	5	55,445	5	66,182	5	76,918	5	87,654	5	98,389
1/4	2,108	1/4	12,749	1/4	23,485	1/4	34,196	1/4	44,932	1/4	55,669	1/4	66,405	1/4	77,142	1/4	87,878	1/4	98,612
1/2	2,312	1/2	12,973	1/2	23,709	1/2	34,420	1/2	45,156	1/2	55,893	1/2	66,629	1/2	77,366	1/2	88,101	1/2	98,836
3/4	2,516	3/4	13,197	3/4	23,933	3/4	34,643	3/4	45,380	3/4	56,116	3/4	66,853	3/4	77,589	3/4	88,325	3/4	99,060
6	2,721	6	13,420	6	24,156	6	34,867	6	45,603	6	56,340	6	67,076	6	77,813	6	88,549	6	99,283
1/4	2,940	1/4	13,644	1/4	24,380	1/4	35,091	1/4	45,827	1/4	56,564	1/4	67,300	1/4	78,037	1/4	88,772	1/4	99,507
1/2	3,159	1/2	13,868	1/2	24,603	1/2	35,314	1/2	46,051	1/2	56,787	1/2	67,524	1/2	78,260	1/2	88,996	1/2	99,731
3/4	3,379	3/4	14,091	3/4	24,826	3/4	35,538	3/4	46,275	3/4	57,011	3/4	67,748	3/4	78,484	3/4	89,219	3/4	99,954
7	3,598	7	14,315	7	25,050	7	35,762	7	46,498	7	57,235	7	67,971	7	78,708	7	89,443	7	100,178
1/4	3,819	1/4	14,539	1/4	25,273	1/4	35,985	1/4	46,722	1/4	57,458	1/4	68,195	1/4	78,931	1/4	89,667	1/4	100,401
1/2	4,040	1/2	14,762	1/2	25,496	1/2	36,209	1/2	46,946	1/2	57,682	1/2	68,419	1/2	79,155	1/2	89,890	1/2	100,625
3/4	4,261	3/4	14,986	3/4	25,720	3/4	36,433	3/4	47,169	3/4	57,906	3/4	68,642	3/4	79,379	3/4	90,114	3/4	100,849
8	4,482	8	15,210	8	25,943	8	36,656	8	47,393	8	58,129	8	68,866	8	79,602	8	90,338	8	101,072
1/4	4,705	1/4	15,433	1/4	26,166	1/4	36,880	1/4	47,617	1/4	58,353	1/4	69,090	1/4	79,826	1/4	90,561	1/4	101,296
1/2	4,927	1/2	15,657	1/2	26,389	1/2	37,104	1/2	47,840	1/2	58,577	1/2	69,313	1/2	80,050	1/2	90,785	1/2	101,520
3/4	5,149	3/4	15,881	3/4	26,612	3/4	37,327	3/4	48,064	3/4	58,800	3/4	69,537	3/4	80,273	3/4	91,009	3/4	101,743
9	5,372	9	16,104	9	26,835	9	37,551	9	48,288	9	59,024	9	69,761	9	80,497	9	91,232	9	101,967
1/4	5,595	1/4	16,328	1/4	27,058	1/4	37,775	1/4	48,511	1/4	59,248	1/4	69,984	1/4	80,721	1/4	91,456	1/4	102,191
1/2	5,818	1/2	16,552	1/2	27,281	1/2	37,998	1/2	48,735	1/2	59,471	1/2	70,208	1/2	80,944	1/2	91,680	1/2	102,414
3/4	6,041	3/4	16,775	3/4	27,504	3/4	38,222	3/4	48,959	3/4	59,695	3/4	70,432	3/4	81,168	3/4	91,903	3/4	102,638
10	6,264	10	16,999	10	27,727	10	38,446	10	49,182	10	59,919	10	70,655	10	81,392	10	92,127	10	102,861
1/4	6,487	1/4	17,223	1/4	27,950	1/4	38,669	1/4	49,406	1/4	60,142	1/4	70,879	1/4	81,615	1/4	92,350	1/4	103,085
1/2	6,711	1/2	17,446	1/2	28,172	1/2	38,893	1/2	49,630	1/2	60,366	1/2	71,103	1/2	81,839	1/2	92,574	1/2	103,309
3/4	6,934	3/4	17,670	3/4	28,395	3/4	39,117	3/4	49,853	3/4	60,590	3/4	71,326	3/4	82,063	3/4	92,798	3/4	103,532
11	7,158	11	17,894	11	28,618	11	39,341	11	50,077	11	60,814	11	71,550	11	82,287	11	93,021	11	103,756
1/4	7,381	1/4	18,117	1/4	28,841	1/4	39,564	1/4	50,301	1/4	61,037	1/4	71,774	1/4	82,510	1/4	93,245	1/4	103,980
1/2	7,605	1/2	18,341	1/2	29,064	1/2	39,788	1/2	50,524	1/2	61,261	1/2	71,997	1/2	82,734	1/2	93,469	1/2	104,203
3/4	7,829	3/4	18,565	3/4	29,287	3/4	40,012	3/4	50,748	3/4	61,485	3/4	72,221	3/4	82,958	3/4	93,692	3/4	104,427

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 24'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 1384"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,651	0	115,385	0	126,120	0	136,796	0	147,439	0		0		0		0		0	
1/4	104,874	1/4	115,609	1/4	126,342	1/4	137,018	1/4	147,659	1/4		1/4		1/4		1/4		1/4	
1/2	105,098	1/2	115,833	1/2	126,565	1/2	137,241	1/2	147,879	1/2		1/2		1/2		1/2		1/2	
3/4	105,322	3/4	116,056	3/4	126,787	3/4	137,463	3/4	148,100	3/4		3/4		3/4		3/4		3/4	
1	105,545	1	116,280	1	127,010	1	137,685	1	148,320	1		1		1		1		1	
1/4	105,769	1/4	116,503	1/4	127,232	1/4	137,908	1/4	148,541	1/4		1/4		1/4		1/4		1/4	
1/2	105,992	1/2	116,727	1/2	127,454	1/2	138,130	1/2	148,761	1/2		1/2		1/2		1/2		1/2	
3/4	106,216	3/4	116,951	3/4	127,677	3/4	138,353	3/4	148,981	3/4		3/4		3/4		3/4		3/4	
2	106,440	2	117,174	2	127,899	2	138,575	2	149,202	2		2		2		2		2	
1/4	106,663	1/4	117,398	1/4	128,122	1/4	138,798	1/4	149,403	1/4		1/4		1/4		1/4		1/4	
1/2	106,887	1/2	117,622	1/2	128,344	1/2	139,020	1/2	149,605	1/2		1/2		1/2		1/2		1/2	
3/4	107,111	3/4	117,845	3/4	128,567	3/4	139,242	3/4	149,807	3/4		3/4		3/4		3/4		3/4	
3	107,334	3	118,069	3	128,789	3	139,465	3	150,008	3		3		3		3		3	
1/4	107,558	1/4	118,293	1/4	129,011	1/4	139,687	1/4	150,173	1/4		1/4		1/4		1/4		1/4	
1/2	107,782	1/2	118,516	1/2	129,234	1/2	139,910	1/2	150,337	1/2		1/2		1/2		1/2		1/2	
3/4	108,005	3/4	118,740	3/4	129,456	3/4	140,132	3/4	150,502	3/4		3/4		3/4		3/4		3/4	
4	108,229	4	118,964	4	129,679	4	140,354	4	150,666	4		4		4		4		4	
1/4	108,452	1/4	119,187	1/4	129,901	1/4	140,577	1/4	150,793	1/4		1/4		1/4		1/4		1/4	
1/2	108,676	1/2	119,411	1/2	130,123	1/2	140,799	1/2	150,921	1/2		1/2		1/2		1/2		1/2	
3/4	108,900	3/4	119,634	3/4	130,346	3/4	141,022	3/4	151,048	3/4		3/4		3/4		3/4		3/4	
5	109,123	5	119,858	5	130,568	5	141,244	5	151,175	5		5		5		5		5	
1/4	109,347	1/4	120,082	1/4	130,791	1/4	141,466	1/4	151,265	1/4		1/4		1/4		1/4		1/4	
1/2	109,571	1/2	120,305	1/2	131,013	1/2	141,689	1/2	151,355	1/2		1/2		1/2		1/2		1/2	
3/4	109,794	3/4	120,529	3/4	131,235	3/4	141,911	3/4	151,445	3/4		3/4		3/4		3/4		3/4	
6	110,018	6	120,753	6	131,458	6	142,134	6	151,534	6		6		6		6		6	
1/4	110,242	1/4	120,976	1/4	131,680	1/4	142,356	1/4	151,587	1/4		1/4		1/4		1/4		1/4	
1/2	110,465	1/2	121,200	1/2	131,903	1/2	142,579	1/2	151,640	1/2		1/2		1/2		1/2		1/2	
3/4	110,689	3/4	121,424	3/4	132,125	3/4	142,801	3/4	151,692	3/4		3/4		3/4		3/4		3/4	
7	110,913	7	121,647	7	132,348	7	143,023	7	151,745	7		7		7		7		7	
1/4	111,136	1/4	121,871	1/4	132,570	1/4	143,246	1/4	151,760	1/4		1/4		1/4		1/4		1/4	
1/2	111,360	1/2	122,094	1/2	132,792	1/2	143,468	1/2	151,775	1/2		1/2		1/2		1/2		1/2	
3/4	111,583	3/4	122,318	3/4	133,015	3/4	143,691	3/4	151,791	3/4		3/4		3/4		3/4		3/4	
8	111,807	8	122,542	8	133,237	8	143,913	8	151,806	8		8		8		8		8	
1/4	112,031	1/4	122,765	1/4	133,460	1/4	144,133	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,254	1/2	122,989	1/2	133,682	1/2	144,354	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,478	3/4	123,213	3/4	133,904	3/4	144,574	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,702	9	123,436	9	134,127	9	144,794	9		9		9		9		9		9	
1/4	112,925	1/4	123,660	1/4	134,349	1/4	145,015	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,149	1/2	123,884	1/2	134,572	1/2	145,235	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,373	3/4	124,107	3/4	134,794	3/4	145,456	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,596	10	124,331	10	135,017	10	145,676	10		10		10		10		10		10	
1/4	113,820	1/4	124,555	1/4	135,239	1/4	145,896	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,043	1/2	124,778	1/2	135,461	1/2	146,117	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,267	3/4	125,002	3/4	135,684	3/4	146,337	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,491	11	125,225	11	135,906	11	146,557	11		11		11		11		11		11	
1/4	114,714	1/4	125,449	1/4	136,129	1/4	146,778	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,938	1/2	125,673	1/2	136,351	1/2	146,998	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,162	3/4	125,896	3/4	136,573	3/4	147,218	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 07/08/2015 SW  
CALCULATED: 07/08/2015 CL  
PRINTED: 07/09/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "CBC 1384"

## 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	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-7/8	- 01-7/8
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	00-1/2	- 00-1/2
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8

(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 - 00-5/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

July 8, 2015

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

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# BARGE "CBC 1384"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	147,459	0	139,604	0	130,169	0	120,713	0	111,243	0	100,606	0	89,825	0	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
1	1	1	1	1	147,282	1	138,817	1	129,384	1	119,924	1	110,455	1	99,707	1	88,927	1	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	147,173	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
2	2	2	2	2	146,955	2	138,029	2	128,597	2	119,134	2	109,584	2	98,809	2	88,028	2	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
3	3	3	3	3	146,478	3	137,242	3	127,810	3	118,345	3	108,687	3	97,911	3	87,130	3	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	136,652	3/4	127,219	3/4	117,753	3/4	108,014	3/4	97,237	3/4	86,456	3/4	75,680
4	4	4	4	4	145,850	4	136,455	4	127,023	4	117,555	4	107,790	4	97,012	4	86,232	4	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
5	5	5	5	5	145,073	5	135,667	5	126,235	5	116,766	5	106,892	5	96,114	5	85,333	5	74,565
1/4	1/4	1/4	1/4	1/4	144,870	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	135,274	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	84,659	3/4	73,895
6	6	6	6	6	144,285	6	134,880	6	125,448	6	115,976	6	105,995	6	95,215	6	84,435	6	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	73,225
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
7	7	7	7	7	143,506	7	134,092	7	124,660	7	115,187	7	105,097	7	94,317	7	83,536	7	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	94,092	1/4	83,312	1/4	72,556
1/2	1/2	1/2	1/2	1/2	143,117	1/2	133,699	1/2	124,266	1/2	114,792	1/2	104,648	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
8	8	8	8	8	142,727	8	133,307	8	123,871	8	114,398	8	104,199	8	93,419	8	82,638	8	71,886
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	114,003	1/2	103,750	1/2	92,969	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
9	9	9	9	9	141,948	9	132,523	9	123,082	9	113,609	9	103,301	9	92,520	9	81,739	9	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	141,364	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
10	10	10	10	10	141,169	10	131,738	10	122,292	10	112,821	10	102,403	10	91,622	10	80,841	10	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
11	11	11	11	11	140,390	11	130,953	11	121,503	11	112,032	11	101,504	11	90,724	11	79,942	11	69,206
1/4	1/4	1/4	1/4	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	1/4	68,982
1/2	1/2	1/2	1/2	1/2	140,000	1/2	130,561	1/2	121,108	1/2	111,638	1/2	101,055	1/2	90,274	1/2	79,493	1/2	68,758
3/4	3/4	3/4	3/4	3/4	140,805	3/4	130,365	3/4	120,911	3/4	111,440	3/4	100,830	3/4	90,050	3/4	79,269	3/4	68,534

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 31'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 1384"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,310	0	57,536	0	46,759	0	35,981	0	25,407	0	14,631	0	3,843	0		0		0	
1/4	68,086	1/4	57,311	1/4	46,534	1/4	35,757	1/4	25,188	1/4	14,406	1/4	3,620	1/4	1/4	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	24,968	1/2	14,181	1/2	3,399	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,638	3/4	56,862	3/4	46,085	3/4	35,308	3/4	24,749	3/4	13,956	3/4	3,179	3/4	3/4	3/4	3/4	3/4	3/4
1	67,414	1	56,638	1	45,860	1	35,083	1	24,530	1	13,731	1	2,958	1	1	1	1	1	1
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	1/4	1/4
1/2	66,966	1/2	56,189	1/2	45,411	1/2	34,634	1/2	24,086	1/2	13,281	1/2	2,532	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,741	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	3/4	3/4
2	66,517	2	55,740	2	44,962	2	34,185	2	23,636	2	12,831	2	2,120	2	2	2	2	2	2
1/4	66,292	1/4	55,515	1/4	44,738	1/4	33,961	1/4	23,411	1/4	12,605	1/4	1,915	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,068	1/2	55,291	1/2	44,513	1/2	33,736	1/2	23,186	1/2	12,380	1/2	1,746	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,843	3/4	55,066	3/4	44,289	3/4	33,512	3/4	22,961	3/4	12,155	3/4	1,577	3/4	3/4	3/4	3/4	3/4	3/4
3	65,619	3	54,842	3	44,064	3	33,287	3	22,735	3	11,930	3	1,408	3	3	3	3	3	3
1/4	65,394	1/4	54,617	1/4	43,840	1/4	33,062	1/4	22,510	1/4	11,705	1/4	1,240	1/4	1/4	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	1,108	1/2	1/2	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	3/4	3/4
4	64,721	4	53,943	4	43,166	4	32,406	4	21,835	4	11,030	4	846	4	4	4	4	4	4
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	714	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,272	1/2	53,494	1/2	42,717	1/2	31,969	1/2	21,385	1/2	10,579	1/2	621	1/2	1/2	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	10,354	3/4	527	3/4	3/4	3/4	3/4	3/4	3/4
5	63,823	5	53,045	5	42,268	5	31,532	5	20,935	5	10,129	5	433	5	5	5	5	5	5
1/4	63,598	1/4	52,821	1/4	42,044	1/4	31,313	1/4	20,709	1/4	9,904	1/4	339	1/4	1/4	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	20,484	1/2	9,679	1/2	283	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,149	3/4	52,372	3/4	41,594	3/4	30,875	3/4	20,259	3/4	9,454	3/4	227	3/4	3/4	3/4	3/4	3/4	3/4
6	62,925	6	52,147	6	41,370	6	30,657	6	20,034	6	9,229	6	170	6	6	6	6	6	6
1/4	62,700	1/4	51,923	1/4	41,145	1/4	30,438	1/4	19,809	1/4	9,004	1/4	114	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,475	1/2	51,698	1/2	40,921	1/2	30,219	1/2	19,584	1/2	8,779	1/2	95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,251	3/4	51,474	3/4	40,696	3/4	30,001	3/4	19,359	3/4	8,554	3/4	77	3/4	3/4	3/4	3/4	3/4	3/4
7	62,026	7	51,249	7	40,472	7	29,782	7	19,134	7	8,328	7	58	7	7	7	7	7	7
1/4	61,802	1/4	51,025	1/4	40,247	1/4	29,563	1/4	18,909	1/4	8,103	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,577	1/2	50,800	1/2	40,023	1/2	29,344	1/2	18,683	1/2	7,878	1/2		1/2	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	18,458	3/4	7,653	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	61,128	8	50,351	8	39,574	8	28,907	8	18,233	8	7,428	8		8	8	8	8	8	8
1/4	60,904	1/4	50,127	1/4	39,349	1/4	28,688	1/4	18,008	1/4	7,203	1/4		1/4	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	1/2	1/2
3/4	60,455	3/4	49,677	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	3/4	3/4
9	60,230	9	49,453	9	38,676	9	28,032	9	17,333	9	6,528	9		9	9	9	9	9	9
1/4	60,006	1/4	49,228	1/4	38,451	1/4	27,814	1/4	17,108	1/4	6,303	1/4		1/4	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	1/2	1/2
3/4	59,557	3/4	48,779	3/4	38,002	3/4	27,376	3/4	16,657	3/4	5,854	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,332	10	48,555	10	37,778	10	27,157	10	16,432	10	5,630	10		10	10	10	10	10	10
1/4	59,108	1/4	48,330	1/4	37,553	1/4	26,939	1/4	16,207	1/4	5,405	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,883	1/2	48,106	1/2	37,328	1/2	26,720	1/2	15,982	1/2	5,182	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,659	3/4	47,881	3/4	37,104	3/4	26,501	3/4	15,757	3/4	4,958	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,434	11	47,657	11	36,879	11	26,283	11	15,532	11	4,734	11		11	11	11	11	11	11
1/4	58,209	1/4	47,432	1/4	36,655	1/4	26,064	1/4	15,307	1/4	4,510	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,985	1/2	47,208	1/2	36,430	1/2	25,845	1/2	15,082	1/2	4,288	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,760	3/4	46,983	3/4	36,206	3/4	25,626	3/4	14,857	3/4	4,065	3/4		3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 07/08/2015 SW  
CALCULATED: 07/08/2015 CL  
PRINTED: 07/09/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 1384"

## 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	170,511	0	161,632	0	149,623	0	137,591	0	125,514	0	113,438	0	101,361	0	89,284
1/4	1/4	1/4	1/4	1/4	170,494	1/4	161,382	1/4	149,373	1/4	137,339	1/4	125,263	1/4	113,186	1/4	101,110	1/4	89,032
1/2	1/2	1/2	1/2	1/2	170,477	1/2	161,132	1/2	149,122	1/2	137,088	1/2	125,011	1/2	112,935	1/2	100,858	1/2	88,781
3/4	3/4	3/4	3/4	3/4	170,459	3/4	160,882	3/4	148,872	3/4	136,836	3/4	124,760	3/4	112,683	3/4	100,606	3/4	88,529
1		1		1	170,442	1	160,631	1	148,622	1	136,585	1	124,508	1	112,431	1	100,355	1	88,277
1/4	1/4	1/4	1/4	1/4	170,383	1/4	160,381	1/4	148,372	1/4	136,333	1/4	124,256	1/4	112,180	1/4	100,103	1/4	88,026
1/2	1/2	1/2	1/2	1/2	170,324	1/2	160,131	1/2	148,122	1/2	136,081	1/2	124,005	1/2	111,928	1/2	99,852	1/2	87,774
3/4	3/4	3/4	3/4	3/4	170,265	3/4	159,881	3/4	147,871	3/4	135,830	3/4	123,753	3/4	111,677	3/4	99,600	3/4	87,522
2		2		2	170,206	2	159,631	2	147,621	2	135,578	2	123,502	2	111,425	2	99,348	2	87,271
1/4	1/4	1/4	1/4	1/4	170,104	1/4	159,380	1/4	147,371	1/4	135,327	1/4	123,250	1/4	111,173	1/4	99,097	1/4	87,019
1/2	1/2	1/2	1/2	1/2	170,003	1/2	159,130	1/2	147,121	1/2	135,075	1/2	122,998	1/2	110,922	1/2	98,845	1/2	86,767
3/4	3/4	3/4	3/4	3/4	169,902	3/4	158,880	3/4	146,871	3/4	134,823	3/4	122,747	3/4	110,670	3/4	98,594	3/4	86,516
3		3		3	169,801	3	158,630	3	146,620	3	134,572	3	122,495	3	110,419	3	98,342	3	86,264
1/4	1/4	1/4	1/4	1/4	169,658	1/4	158,380	1/4	146,370	1/4	134,320	1/4	122,244	1/4	110,167	1/4	98,090	1/4	86,012
1/2	1/2	1/2	1/2	1/2	169,515	1/2	158,129	1/2	146,120	1/2	134,069	1/2	121,992	1/2	109,915	1/2	97,839	1/2	85,761
3/4	3/4	3/4	3/4	3/4	169,372	3/4	157,879	3/4	145,870	3/4	133,817	3/4	121,740	3/4	109,664	3/4	97,587	3/4	85,509
4		4		4	169,229	4	157,629	4	145,620	4	133,565	4	121,489	4	109,412	4	97,336	4	85,258
1/4	1/4	1/4	1/4	1/4	169,044	1/4	157,379	1/4	145,369	1/4	133,314	1/4	121,237	1/4	109,161	1/4	97,084	1/4	85,006
1/2	1/2	1/2	1/2	1/2	168,859	1/2	157,129	1/2	145,119	1/2	133,062	1/2	120,986	1/2	108,909	1/2	96,832	1/2	84,754
3/4	3/4	3/4	3/4	3/4	168,674	3/4	156,878	3/4	144,869	3/4	132,811	3/4	120,734	3/4	108,657	3/4	96,581	3/4	84,503
5		5		5	168,489	5	156,628	5	144,619	5	132,559	5	120,482	5	108,406	5	96,329	5	84,251
1/4	1/4	1/4	1/4	1/4	168,262	1/4	156,378	1/4	144,369	1/4	132,307	1/4	120,231	1/4	108,154	1/4	96,078	1/4	83,999
1/2	1/2	1/2	1/2	1/2	168,035	1/2	156,128	1/2	144,118	1/2	132,056	1/2	119,979	1/2	107,903	1/2	95,826	1/2	83,748
3/4	3/4	3/4	3/4	3/4	167,808	3/4	155,878	3/4	143,868	3/4	131,804	3/4	119,728	3/4	107,651	3/4	95,574	3/4	83,496
6		6		6	167,581	6	155,627	6	143,618	6	131,553	6	119,476	6	107,399	6	95,323	6	83,244
1/4	1/4	1/4	1/4	1/4	167,334	1/4	155,377	1/4	143,368	1/4	131,301	1/4	119,224	1/4	107,148	1/4	95,071	1/4	82,993
1/2	1/2	1/2	1/2	1/2	167,086	1/2	155,127	1/2	143,118	1/2	131,049	1/2	118,973	1/2	106,896	1/2	94,820	1/2	82,741
3/4	3/4	3/4	3/4	3/4	166,838	3/4	154,877	3/4	142,867	3/4	130,798	3/4	118,721	3/4	106,645	3/4	94,568	3/4	82,490
7		7		7	166,590	7	154,627	7	142,617	7	130,546	7	118,470	7	106,393	7	94,316	7	82,238
1/4	1/4	1/4	1/4	1/4	166,342	1/4	154,376	1/4	142,367	1/4	130,295	1/4	118,218	1/4	106,141	1/4	94,065	1/4	81,986
1/2	1/2	1/2	1/2	1/2	166,094	1/2	154,126	1/2	142,117	1/2	130,043	1/2	117,966	1/2	105,890	1/2	93,813	1/2	81,735
3/4	3/4	3/4	3/4	3/4	165,846	3/4	153,876	3/4	141,867	3/4	129,791	3/4	117,715	3/4	105,638	3/4	93,562	3/4	81,483
8		8		8	165,598	8	153,626	8	141,616	8	129,540	8	117,463	8	105,387	8	93,310	8	81,231
1/4	1/4	1/4	1/4	1/4	165,350	1/4	153,376	1/4	141,365	1/4	129,288	1/4	117,212	1/4	105,135	1/4	93,058	1/4	80,980
1/2	1/2	1/2	1/2	1/2	165,103	1/2	153,126	1/2	141,113	1/2	129,037	1/2	116,960	1/2	104,883	1/2	92,807	1/2	80,728
3/4	3/4	3/4	3/4	3/4	164,855	3/4	152,875	3/4	140,862	3/4	128,785	3/4	116,708	3/4	104,632	3/4	92,555	3/4	80,476
9		9		9	164,607	9	152,625	9	140,610	9	128,533	9	116,457	9	104,380	9	92,303	9	80,225
1/4	1/4	1/4	1/4	1/4	164,359	1/4	152,375	1/4	140,358	1/4	128,282	1/4	116,205	1/4	104,129	1/4	92,052	1/4	79,973
1/2	1/2	1/2	1/2	1/2	164,111	1/2	152,125	1/2	140,107	1/2	128,030	1/2	115,954	1/2	103,877	1/2	91,800	1/2	79,722
3/4	3/4	3/4	3/4	3/4	163,863	3/4	151,875	3/4	139,855	3/4	127,779	3/4	115,702	3/4	103,625	3/4	91,549	3/4	79,470
10		10		10	163,615	10	151,624	10	139,604	10	127,527	10	115,450	10	103,374	10	91,297	10	79,218
1/4	1/4	1/4	1/4	1/4	163,367	1/4	151,374	1/4	139,352	1/4	127,275	1/4	115,199	1/4	103,122	1/4	91,045	1/4	78,967
1/2	1/2	1/2	1/2	1/2	163,120	1/2	151,124	1/2	139,100	1/2	127,024	1/2	114,947	1/2	102,871	1/2	90,794	1/2	78,715
3/4	3/4	3/4	3/4	3/4	162,872	3/4	150,874	3/4	138,849	3/4	126,772	3/4	114,696	3/4	102,619	3/4	90,542	3/4	78,463
11		11		11	162,624	11	150,624	11	138,597	11	126,521	11	114,444	11	102,367	11	90,290	11	78,212
1/4	1/4	1/4	1/4	1/4	162,376	1/4	150,373	1/4	138,346	1/4	126,269	1/4	114,192	1/4	102,116	1/4	90,039	1/4	77,960
1/2	1/2	1/2	1/2	1/2	162,128	1/2	150,123	1/2	138,094	1/2	126,018	1/2	113,941	1/2	101,864	1/2	89,787	1/2	77,708
3/4	3/4	3/4	3/4	3/4	161,880	3/4	149,873	3/4	137,843	3/4	125,766	3/4	113,689	3/4	101,613	3/4	89,535	3/4	77,457

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 31'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 1384"

## 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	77,205	0	65,126	0	53,048	0	40,969	0	29,156	0	17,106	0	5,038	0		0		0	
1/4	76,953	1/4	64,875	1/4	52,796	1/4	40,717	1/4	28,911	1/4	16,854	1/4	4,789	1/4		1/4		1/4	
1/2	76,702	1/2	64,623	1/2	52,544	1/2	40,466	1/2	28,667	1/2	16,603	1/2	4,540	1/2		1/2		1/2	
3/4	76,450	3/4	64,372	3/4	52,293	3/4	40,214	3/4	28,422	3/4	16,351	3/4	4,291	3/4		3/4		3/4	
1	76,199	1	64,120	1	52,041	1	39,963	1	28,178	1	16,100	1	4,043	1		1		1	
1/4	75,947	1/4	63,868	1/4	51,790	1/4	39,711	1/4	27,926	1/4	15,848	1/4	3,796	1/4		1/4		1/4	
1/2	75,695	1/2	63,617	1/2	51,538	1/2	39,459	1/2	27,675	1/2	15,596	1/2	3,549	1/2		1/2		1/2	
3/4	75,444	3/4	63,365	3/4	51,286	3/4	39,208	3/4	27,423	3/4	15,345	3/4	3,303	3/4		3/4		3/4	
2	75,192	2	63,113	2	51,035	2	38,956	2	27,171	2	15,093	2	3,056	2		2		2	
1/4	74,940	1/4	62,862	1/4	50,783	1/4	38,704	1/4	26,920	1/4	14,841	1/4	2,826	1/4		1/4		1/4	
1/2	74,689	1/2	62,610	1/2	50,531	1/2	38,453	1/2	26,668	1/2	14,590	1/2	2,596	1/2		1/2		1/2	
3/4	74,437	3/4	62,358	3/4	50,280	3/4	38,201	3/4	26,416	3/4	14,338	3/4	2,366	3/4		3/4		3/4	
3	74,185	3	62,107	3	50,028	3	37,949	3	26,165	3	14,086	3	2,136	3		3		3	
1/4	73,934	1/4	61,855	1/4	49,776	1/4	37,705	1/4	25,913	1/4	13,835	1/4	1,947	1/4		1/4		1/4	
1/2	73,682	1/2	61,604	1/2	49,525	1/2	37,460	1/2	25,661	1/2	13,583	1/2	1,759	1/2		1/2		1/2	
3/4	73,431	3/4	61,352	3/4	49,273	3/4	37,216	3/4	25,410	3/4	13,332	3/4	1,570	3/4		3/4		3/4	
4	73,179	4	61,100	4	49,022	4	36,971	4	25,158	4	13,080	4	1,381	4		4		4	
1/4	72,927	1/4	60,849	1/4	48,770	1/4	36,727	1/4	24,907	1/4	12,828	1/4	1,234	1/4		1/4		1/4	
1/2	72,676	1/2	60,597	1/2	48,518	1/2	36,483	1/2	24,655	1/2	12,577	1/2	1,088	1/2		1/2		1/2	
3/4	72,424	3/4	60,345	3/4	48,267	3/4	36,238	3/4	24,403	3/4	12,325	3/4	941	3/4		3/4		3/4	
5	72,172	5	60,094	5	48,015	5	35,994	5	24,152	5	12,073	5	794	5		5		5	
1/4	71,921	1/4	59,842	1/4	47,763	1/4	35,750	1/4	23,900	1/4	11,822	1/4	689	1/4		1/4		1/4	
1/2	71,669	1/2	59,590	1/2	47,512	1/2	35,506	1/2	23,648	1/2	11,570	1/2	584	1/2		1/2		1/2	
3/4	71,417	3/4	59,339	3/4	47,260	3/4	35,262	3/4	23,397	3/4	11,319	3/4	480	3/4		3/4		3/4	
6	71,166	6	59,087	6	47,008	6	35,017	6	23,145	6	11,067	6	375	6		6		6	
1/4	70,914	1/4	58,835	1/4	46,757	1/4	34,773	1/4	22,894	1/4	10,815	1/4	312	1/4		1/4		1/4	
1/2	70,663	1/2	58,584	1/2	46,505	1/2	34,529	1/2	22,642	1/2	10,564	1/2	249	1/2		1/2		1/2	
3/4	70,411	3/4	58,332	3/4	46,254	3/4	34,285	3/4	22,390	3/4	10,312	3/4	186	3/4		3/4		3/4	
7	70,159	7	58,081	7	46,002	7	34,040	7	22,139	7	10,060	7	123	7		7		7	
1/4	69,908	1/4	57,829	1/4	45,750	1/4	33,796	1/4	21,887	1/4	9,809	1/4	102	1/4		1/4		1/4	
1/2	69,656	1/2	57,577	1/2	45,499	1/2	33,552	1/2	21,635	1/2	9,557	1/2	81	1/2		1/2		1/2	
3/4	69,404	3/4	57,326	3/4	45,247	3/4	33,308	3/4	21,384	3/4	9,306	3/4	60	3/4		3/4		3/4	
8	69,153	8	57,074	8	44,995	8	33,064	8	21,132	8	9,054	8	39	8		8		8	
1/4	68,901	1/4	56,822	1/4	44,744	1/4	32,819	1/4	20,881	1/4	8,802	1/4		1/4		1/4		1/4	
1/2	68,649	1/2	56,571	1/2	44,492	1/2	32,575	1/2	20,629	1/2	8,551	1/2		1/2		1/2		1/2	
3/4	68,398	3/4	56,319	3/4	44,240	3/4	32,331	3/4	20,377	3/4	8,299	3/4		3/4		3/4		3/4	
9	68,146	9	56,067	9	43,989	9	32,087	9	20,126	9	8,047	9		9		9		9	
1/4	67,894	1/4	55,816	1/4	43,737	1/4	31,842	1/4	19,874	1/4	7,796	1/4		1/4		1/4		1/4	
1/2	67,643	1/2	55,564	1/2	43,485	1/2	31,598	1/2	19,622	1/2	7,545	1/2		1/2		1/2		1/2	
3/4	67,391	3/4	55,313	3/4	43,234	3/4	31,354	3/4	19,371	3/4	7,293	3/4		3/4		3/4		3/4	
10	67,140	10	55,061	10	42,982	10	31,110	10	19,119	10	7,042	10		10		10		10	
1/4	66,888	1/4	54,809	1/4	42,731	1/4	30,866	1/4	18,867	1/4	6,791	1/4		1/4		1/4		1/4	
1/2	66,636	1/2	54,558	1/2	42,479	1/2	30,621	1/2	18,616	1/2	6,540	1/2		1/2		1/2		1/2	
3/4	66,385	3/4	54,306	3/4	42,227	3/4	30,377	3/4	18,364	3/4	6,289	3/4		3/4		3/4		3/4	
11	66,133	11	54,054	11	41,976	11	30,133	11	18,113	11	6,038	11		11		11		11	
1/4	65,881	1/4	53,803	1/4	41,724	1/4	29,889	1/4	17,861	1/4	5,788	1/4		1/4		1/4		1/4	
1/2	65,630	1/2	53,551	1/2	41,472	1/2	29,645	1/2	17,609	1/2	5,538	1/2		1/2		1/2		1/2	
3/4	65,378	3/4	53,299	3/4	41,221	3/4	29,400	3/4	17,358	3/4	5,288	3/4		3/4		3/4		3/4	

STRAPPED: 07/08/2015 SW  
CALCULATED: 07/08/2015 CL  
PRINTED: 07/09/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "CBC 1384"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	151,760	0	143,246	0	132,570	0	121,871	0	111,136	0	100,401	0	89,667	0	78,931
1/4	1/4	1/4	1/4	1/4	151,745	1/4	143,023	1/4	132,347	1/4	121,647	1/4	110,912	1/4	100,178	1/4	89,443	1/4	78,708
1/2	1/2	1/2	1/2	1/2	151,692	1/2	142,801	1/2	132,125	1/2	121,424	1/2	110,689	1/2	99,954	1/2	89,219	1/2	78,484
3/4	3/4	3/4	3/4	3/4	151,640	3/4	142,578	3/4	131,903	3/4	121,200	3/4	110,465	3/4	99,730	3/4	88,996	3/4	78,260
1		1		1	151,587	1	142,356	1	131,680	1	120,976	1	110,242	1	99,507	1	88,772	1	78,037
1/4	1/4	1/4	1/4	1/4	151,534	1/4	142,134	1/4	131,458	1/4	120,753	1/4	110,018	1/4	99,283	1/4	88,549	1/4	77,813
1/2	1/2	1/2	1/2	1/2	151,444	1/2	141,911	1/2	131,235	1/2	120,529	1/2	109,794	1/2	99,060	1/2	88,325	1/2	77,589
3/4	3/4	3/4	3/4	3/4	151,355	3/4	141,689	3/4	131,013	3/4	120,305	3/4	109,571	3/4	98,836	3/4	88,101	3/4	77,366
2		2		2	151,265	2	141,466	2	130,791	2	120,082	2	109,347	2	98,612	2	87,878	2	77,142
1/4	1/4	1/4	1/4	1/4	151,175	1/4	141,244	1/4	130,568	1/4	119,858	1/4	109,123	1/4	98,389	1/4	87,654	1/4	76,918
1/2	1/2	1/2	1/2	1/2	151,048	1/2	141,022	1/2	130,346	1/2	119,634	1/2	108,900	1/2	98,165	1/2	87,430	1/2	76,695
3/4	3/4	3/4	3/4	3/4	150,920	3/4	140,799	3/4	130,123	3/4	119,411	3/4	108,676	3/4	97,941	3/4	87,207	3/4	76,471
3		3		3	150,793	3	140,577	3	129,901	3	119,187	3	108,452	3	97,718	3	86,983	3	76,247
1/4	1/4	1/4	1/4	1/4	150,666	1/4	140,354	1/4	129,679	1/4	118,963	1/4	108,229	1/4	97,494	1/4	86,759	1/4	76,024
1/2	1/2	1/2	1/2	1/2	150,502	1/2	140,132	1/2	129,456	1/2	118,740	1/2	108,005	1/2	97,270	1/2	86,536	1/2	75,800
3/4	3/4	3/4	3/4	3/4	150,337	3/4	139,910	3/4	129,234	3/4	118,516	3/4	107,782	3/4	97,047	3/4	86,312	3/4	75,576
4		4		4	150,173	4	139,687	4	129,011	4	118,293	4	107,558	4	96,823	4	86,088	4	75,352
1/4	1/4	1/4	1/4	1/4	150,008	1/4	139,465	1/4	128,789	1/4	118,069	1/4	107,334	1/4	96,600	1/4	85,865	1/4	75,129
1/2	1/2	1/2	1/2	1/2	149,807	1/2	139,242	1/2	128,566	1/2	117,845	1/2	107,111	1/2	96,376	1/2	85,641	1/2	74,905
3/4	3/4	3/4	3/4	3/4	149,605	3/4	139,020	3/4	128,344	3/4	117,622	3/4	106,887	3/4	96,152	3/4	85,418	3/4	74,681
5		5		5	149,403	5	138,797	5	128,122	5	117,398	5	106,663	5	95,929	5	85,194	5	74,458
1/4	1/4	1/4	1/4	1/4	149,202	1/4	138,575	1/4	127,899	1/4	117,174	1/4	106,440	1/4	95,705	1/4	84,970	1/4	74,234
1/2	1/2	1/2	1/2	1/2	148,981	1/2	138,353	1/2	127,677	1/2	116,951	1/2	106,216	1/2	95,481	1/2	84,747	1/2	74,010
3/4	3/4	3/4	3/4	3/4	148,761	3/4	138,130	3/4	127,454	3/4	116,727	3/4	105,992	3/4	95,258	3/4	84,523	3/4	73,787
6		6		6	148,540	6	137,908	6	127,232	6	116,503	6	105,769	6	95,034	6	84,299	6	73,563
1/4	1/4	1/4	1/4	1/4	148,320	1/4	137,685	1/4	127,010	1/4	116,280	1/4	105,545	1/4	94,810	1/4	84,076	1/4	73,339
1/2	1/2	1/2	1/2	1/2	148,100	1/2	137,463	1/2	126,787	1/2	116,056	1/2	105,321	1/2	94,587	1/2	83,852	1/2	73,116
3/4	3/4	3/4	3/4	3/4	147,879	3/4	137,241	3/4	126,565	3/4	115,833	3/4	105,098	3/4	94,363	3/4	83,628	3/4	72,892
7		7		7	147,659	7	137,018	7	126,342	7	115,609	7	104,874	7	94,139	7	83,405	7	72,668
1/4	1/4	1/4	1/4	1/4	147,439	1/4	136,796	1/4	126,120	1/4	115,385	1/4	104,651	1/4	93,916	1/4	83,181	1/4	72,445
1/2	1/2	1/2	1/2	1/2	147,218	1/2	136,573	1/2	125,896	1/2	115,162	1/2	104,427	1/2	93,692	1/2	82,957	1/2	72,221
3/4	3/4	3/4	3/4	3/4	146,998	3/4	136,351	3/4	125,673	3/4	114,938	3/4	104,203	3/4	93,469	3/4	82,734	3/4	71,997
8		8		8	146,778	8	136,129	8	125,449	8	114,714	8	103,980	8	93,245	8	82,510	8	71,774
1/4	1/4	1/4	1/4	1/4	146,557	1/4	135,906	1/4	125,225	1/4	114,491	1/4	103,756	1/4	93,021	1/4	82,286	1/4	71,550
1/2	1/2	1/2	1/2	1/2	146,337	1/2	135,684	1/2	125,002	1/2	114,267	1/2	103,532	1/2	92,798	1/2	82,063	1/2	71,326
3/4	3/4	3/4	3/4	3/4	146,117	3/4	135,461	3/4	124,778	3/4	114,043	3/4	103,309	3/4	92,574	3/4	81,839	3/4	71,103
9		9		9	145,896	9	135,239	9	124,554	9	113,820	9	103,085	9	92,350	9	81,615	9	70,879
1/4	1/4	1/4	1/4	1/4	145,676	1/4	135,016	1/4	124,331	1/4	113,596	1/4	102,861	1/4	92,127	1/4	81,392	1/4	70,655
1/2	1/2	1/2	1/2	1/2	145,455	1/2	134,794	1/2	124,107	1/2	113,372	1/2	102,638	1/2	91,903	1/2	81,168	1/2	70,432
3/4	3/4	3/4	3/4	3/4	145,235	3/4	134,572	3/4	123,884	3/4	113,149	3/4	102,414	3/4	91,679	3/4	80,944	3/4	70,208
10		10		10	145,015	10	134,349	10	123,660	10	112,925	10	102,191	10	91,456	10	80,721	10	69,984
1/4	1/4	1/4	1/4	1/4	144,794	1/4	134,127	1/4	123,436	1/4	112,702	1/4	101,967	1/4	91,232	1/4	80,497	1/4	69,761
1/2	1/2	1/2	1/2	1/2	144,574	1/2	133,904	1/2	123,213	1/2	112,478	1/2	101,743	1/2	91,009	1/2	80,273	1/2	69,537
3/4	3/4	3/4	3/4	3/4	144,354	3/4	133,682	3/4	122,989	3/4	112,254	3/4	101,520	3/4	90,785	3/4	80,050	3/4	69,313
11		11		11	144,133	11	133,460	11	122,765	11	112,031	11	101,296	11	90,561	11	79,826	11	69,090
1/4	1/4	1/4	1/4	1/4	151,806	1/4	143,913	1/4	133,237	1/4	122,542	1/4	101,072	1/4	90,338	1/4	79,602	1/4	68,866
1/2	1/2	1/2	1/2	1/2	151,791	1/2	143,691	1/2	133,015	1/2	122,318	1/2	101,583	1/2	90,114	1/2	79,379	1/2	68,642
3/4	3/4	3/4	3/4	3/4	151,775	3/4	143,468	3/4	132,792	3/4	122,094	3/4	101,625	3/4	89,890	3/4	79,155	3/4	68,418

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 24'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 1384"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,195	0	57,458	0	46,722	0	35,985	0	25,273	0	14,539	0	3,819	0		0		0	
1/4	67,971	1/4	57,235	1/4	46,498	1/4	35,762	1/4	25,050	1/4	14,315	1/4	3,598	1/4		1/4		1/4	
1/2	67,747	1/2	57,011	1/2	46,274	1/2	35,538	1/2	24,826	1/2	14,091	1/2	3,379	1/2		1/2		1/2	
3/4	67,524	3/4	56,787	3/4	46,051	3/4	35,314	3/4	24,603	3/4	13,868	3/4	3,159	3/4		3/4		3/4	
1	67,300	1	56,564	1	45,827	1	35,091	1	24,380	1	13,644	1	2,940	1	1	1		1	
1/4	67,076	1/4	56,340	1/4	45,603	1/4	34,867	1/4	24,156	1/4	13,420	1/4	2,721	1/4		1/4		1/4	
1/2	66,853	1/2	56,116	1/2	45,380	1/2	34,643	1/2	23,933	1/2	13,197	1/2	2,516	1/2		1/2		1/2	
3/4	66,629	3/4	55,893	3/4	45,156	3/4	34,420	3/4	23,709	3/4	12,973	3/4	2,312	3/4		3/4		3/4	
2	66,405	2	55,669	2	44,932	2	34,196	2	23,485	2	12,749	2	2,108	2	2	2		2	
1/4	66,182	1/4	55,445	1/4	44,709	1/4	33,972	1/4	23,262	1/4	12,526	1/4	1,903	1/4		1/4		1/4	
1/2	65,958	1/2	55,222	1/2	44,485	1/2	33,749	1/2	23,038	1/2	12,302	1/2	1,735	1/2		1/2		1/2	
3/4	65,734	3/4	54,998	3/4	44,261	3/4	33,525	3/4	22,814	3/4	12,078	3/4	1,568	3/4		3/4		3/4	
3	65,511	3	54,774	3	44,038	3	33,301	3	22,591	3	11,855	3	1,400	3	3	3		3	
1/4	65,287	1/4	54,550	1/4	43,814	1/4	33,077	1/4	22,367	1/4	11,631	1/4	1,232	1/4		1/4		1/4	
1/2	65,063	1/2	54,327	1/2	43,590	1/2	32,855	1/2	22,143	1/2	11,407	1/2	1,102	1/2		1/2		1/2	
3/4	64,840	3/4	54,103	3/4	43,367	3/4	32,632	3/4	21,920	3/4	11,184	3/4	971	3/4		3/4		3/4	
4	64,616	4	53,879	4	43,143	4	32,409	4	21,696	4	10,960	4	841	4	4	4		4	
1/4	64,392	1/4	53,656	1/4	42,919	1/4	32,186	1/4	21,472	1/4	10,736	1/4	710	1/4		1/4		1/4	
1/2	64,169	1/2	53,432	1/2	42,696	1/2	31,963	1/2	21,249	1/2	10,513	1/2	617	1/2		1/2		1/2	
3/4	63,945	3/4	53,208	3/4	42,472	3/4	31,740	3/4	21,025	3/4	10,289	3/4	524	3/4		3/4		3/4	
5	63,721	5	52,985	5	42,248	5	31,517	5	20,801	5	10,065	5	431	5	5	5		5	
1/4	63,498	1/4	52,761	1/4	42,025	1/4	31,294	1/4	20,578	1/4	9,842	1/4	337	1/4		1/4		1/4	
1/2	63,274	1/2	52,537	1/2	41,801	1/2	31,071	1/2	20,354	1/2	9,618	1/2	282	1/2		1/2		1/2	
3/4	63,050	3/4	52,314	3/4	41,577	3/4	30,848	3/4	20,130	3/4	9,394	3/4	226	3/4		3/4		3/4	
6	62,827	6	52,090	6	41,354	6	30,625	6	19,907	6	9,171	6	170	6	6	6		6	
1/4	62,603	1/4	51,866	1/4	41,130	1/4	30,402	1/4	19,683	1/4	8,947	1/4	114	1/4		1/4		1/4	
1/2	62,379	1/2	51,643	1/2	40,906	1/2	30,179	1/2	19,459	1/2	8,723	1/2	95	1/2		1/2		1/2	
3/4	62,156	3/4	51,419	3/4	40,683	3/4	29,956	3/4	19,236	3/4	8,500	3/4	77	3/4		3/4		3/4	
7	61,932	7	51,195	7	40,459	7	29,733	7	19,012	7	8,276	7	58	7	7	7		7	
1/4	61,708	1/4	50,972	1/4	40,235	1/4	29,510	1/4	18,788	1/4	8,052	1/4	39	1/4		1/4		1/4	
1/2	61,484	1/2	50,748	1/2	40,011	1/2	29,287	1/2	18,565	1/2	7,829	1/2		1/2		1/2		1/2	
3/4	61,261	3/4	50,524	3/4	39,788	3/4	29,064	3/4	18,341	3/4	7,605	3/4		3/4		3/4		3/4	
8	61,037	8	50,301	8	39,564	8	28,841	8	18,117	8	7,381	8		8	8	8		8	
1/4	60,813	1/4	50,077	1/4	39,340	1/4	28,618	1/4	17,894	1/4	7,158	1/4		1/4		1/4		1/4	
1/2	60,590	1/2	49,853	1/2	39,117	1/2	28,395	1/2	17,670	1/2	6,934	1/2		1/2		1/2		1/2	
3/4	60,366	3/4	49,630	3/4	38,893	3/4	28,172	3/4	17,446	3/4	6,711	3/4		3/4		3/4		3/4	
9	60,142	9	49,406	9	38,669	9	27,949	9	17,223	9	6,487	9		9	9	9		9	
1/4	59,919	1/4	49,182	1/4	38,446	1/4	27,726	1/4	16,999	1/4	6,264	1/4		1/4		1/4		1/4	
1/2	59,695	1/2	48,959	1/2	38,222	1/2	27,504	1/2	16,775	1/2	6,041	1/2		1/2		1/2		1/2	
3/4	59,471	3/4	48,735	3/4	37,998	3/4	27,281	3/4	16,552	3/4	5,818	3/4		3/4		3/4		3/4	
10	59,248	10	48,511	10	37,775	10	27,058	10	16,328	10	5,595	10		10	10	10		10	
1/4	59,024	1/4	48,288	1/4	37,551	1/4	26,835	1/4	16,104	1/4	5,372	1/4		1/4		1/4		1/4	
1/2	58,800	1/2	48,064	1/2	37,327	1/2	26,612	1/2	15,881	1/2	5,149	1/2		1/2		1/2		1/2	
3/4	58,577	3/4	47,840	3/4	37,104	3/4	26,389	3/4	15,657	3/4	4,927	3/4		3/4		3/4		3/4	
11	58,353	11	47,617	11	36,880	11	26,166	11	15,433	11	4,705	11		11	11	11		11	
1/4	58,129	1/4	47,393	1/4	36,656	1/4	25,943	1/4	15,210	1/4	4,482	1/4		1/4		1/4		1/4	
1/2	57,906	1/2	47,169	1/2	36,433	1/2	25,720	1/2	14,986	1/2	4,261	1/2		1/2		1/2		1/2	
3/4	57,682	3/4	46,945	3/4	36,209	3/4	25,496	3/4	14,762	3/4	4,040	3/4		3/4		3/4		3/4	

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PRINTED: 07/09/2015 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2015

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