



# BARGE "CBC 1342"

## 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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	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 3 CENTER IS - 00-1/2"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/2'

LENGTH BETWEEN DRAFT MARKS: 161'-09"

January 3, 2012

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
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# BARGE "CBC 1342"

# 1 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	8,094	0	18,887	0	29,529	0	40,201	0	50,966	0	61,730	0	72,472	0	83,215	0	93,983
1/4	58	1/4	8,319	1/4	19,112	1/4	29,748	1/4	40,425	1/4	51,190	1/4	61,955	1/4	72,695	1/4	83,440	1/4	94,208
1/2	77	1/2	8,544	1/2	19,337	1/2	29,966	1/2	40,649	1/2	51,414	1/2	62,179	1/2	72,918	1/2	83,664	1/2	94,432
3/4	96	3/4	8,769	3/4	19,561	3/4	30,184	3/4	40,874	3/4	51,638	3/4	62,403	3/4	73,141	3/4	83,888	3/4	94,656
1	114	1	8,994	1	19,786	1	30,403	1	41,098	1	51,863	1	62,627	1	73,364	1	84,113	1	94,881
1/4	171	1/4	9,218	1/4	20,011	1/4	30,621	1/4	41,322	1/4	52,087	1/4	62,852	1/4	73,587	1/4	84,337	1/4	95,105
1/2	227	1/2	9,443	1/2	20,236	1/2	30,840	1/2	41,546	1/2	52,311	1/2	63,076	1/2	73,809	1/2	84,561	1/2	95,329
3/4	283	3/4	9,668	3/4	20,461	3/4	31,058	3/4	41,771	3/4	52,536	3/4	63,300	3/4	74,032	3/4	84,786	3/4	95,554
2	339	2	9,893	2	20,686	2	31,277	2	41,995	2	52,760	2	63,525	2	74,255	2	85,010	2	95,778
1/4	433	1/4	10,118	1/4	20,911	1/4	31,495	1/4	42,219	1/4	52,984	1/4	63,749	1/4	74,478	1/4	85,234	1/4	96,002
1/2	526	1/2	10,343	1/2	21,135	1/2	31,714	1/2	42,444	1/2	53,208	1/2	63,973	1/2	74,701	1/2	85,459	1/2	96,227
3/4	620	3/4	10,568	3/4	21,360	3/4	31,932	3/4	42,668	3/4	53,433	3/4	64,197	3/4	74,924	3/4	85,683	3/4	96,451
3	714	3	10,792	3	21,585	3	32,151	3	42,892	3	53,657	3	64,422	3	75,147	3	85,907	3	96,675
1/4	845	1/4	11,017	1/4	21,810	1/4	32,369	1/4	43,116	1/4	53,881	1/4	64,646	1/4	75,370	1/4	86,132	1/4	96,900
1/2	976	1/2	11,242	1/2	22,035	1/2	32,587	1/2	43,341	1/2	54,105	1/2	64,870	1/2	75,593	1/2	86,356	1/2	97,124
3/4	1,107	3/4	11,467	3/4	22,260	3/4	32,806	3/4	43,565	3/4	54,330	3/4	65,094	3/4	75,816	3/4	86,580	3/4	97,349
4	1,238	4	11,692	4	22,484	4	33,024	4	43,789	4	54,554	4	65,319	4	76,039	4	86,805	4	97,573
1/4	1,407	1/4	11,917	1/4	22,709	1/4	33,249	1/4	44,013	1/4	54,778	1/4	65,543	1/4	76,262	1/4	87,029	1/4	97,797
1/2	1,576	1/2	12,141	1/2	22,934	1/2	33,473	1/2	44,238	1/2	55,002	1/2	65,767	1/2	76,486	1/2	87,253	1/2	98,022
3/4	1,744	3/4	12,366	3/4	23,159	3/4	33,697	3/4	44,462	3/4	55,227	3/4	65,991	3/4	76,709	3/4	87,478	3/4	98,246
5	1,913	5	12,591	5	23,384	5	33,921	5	44,686	5	55,451	5	66,216	5	76,933	5	87,702	5	98,470
1/4	2,118	1/4	12,816	1/4	23,609	1/4	34,146	1/4	44,910	1/4	55,675	1/4	66,440	1/4	77,157	1/4	87,926	1/4	98,695
1/2	2,324	1/2	13,041	1/2	23,834	1/2	34,370	1/2	45,135	1/2	55,900	1/2	66,664	1/2	77,382	1/2	88,151	1/2	98,919
3/4	2,529	3/4	13,266	3/4	24,058	3/4	34,594	3/4	45,359	3/4	56,124	3/4	66,889	3/4	77,606	3/4	88,375	3/4	99,143
6	2,735	6	13,491	6	24,283	6	34,818	6	45,583	6	56,348	6	67,113	6	77,831	6	88,599	6	99,368
1/4	2,955	1/4	13,715	1/4	24,507	1/4	35,043	1/4	45,808	1/4	56,572	1/4	67,336	1/4	78,055	1/4	88,824	1/4	99,592
1/2	3,175	1/2	13,940	1/2	24,731	1/2	35,267	1/2	46,032	1/2	56,797	1/2	67,560	1/2	78,279	1/2	89,048	1/2	99,816
3/4	3,396	3/4	14,165	3/4	24,940	3/4	35,491	3/4	46,256	3/4	57,021	3/4	67,784	3/4	78,504	3/4	89,272	3/4	100,041
7	3,616	7	14,390	7	25,159	7	35,716	7	46,480	7	57,245	7	68,008	7	78,728	7	89,497	7	100,265
1/4	3,839	1/4	14,615	1/4	25,377	1/4	35,940	1/4	46,705	1/4	57,469	1/4	68,231	1/4	78,952	1/4	89,721	1/4	100,489
1/2	4,061	1/2	14,840	1/2	25,596	1/2	36,164	1/2	46,929	1/2	57,694	1/2	68,455	1/2	79,177	1/2	89,945	1/2	100,714
3/4	4,283	3/4	15,064	3/4	25,815	3/4	36,388	3/4	47,153	3/4	57,918	3/4	68,679	3/4	79,401	3/4	90,170	3/4	100,938
8	4,506	8	15,289	8	26,034	8	36,613	8	47,377	8	58,142	8	68,902	8	79,626	8	90,394	8	101,162
1/4	4,729	1/4	15,514	1/4	26,252	1/4	36,837	1/4	47,602	1/4	58,366	1/4	69,126	1/4	79,850	1/4	90,618	1/4	101,387
1/2	4,952	1/2	15,739	1/2	26,471	1/2	37,061	1/2	47,826	1/2	58,591	1/2	69,350	1/2	80,074	1/2	90,843	1/2	101,611
3/4	5,176	3/4	15,964	3/4	26,689	3/4	37,285	3/4	48,050	3/4	58,815	3/4	69,573	3/4	80,299	3/4	91,067	3/4	101,835
9	5,399	9	16,189	9	26,908	9	37,510	9	48,274	9	59,039	9	69,797	9	80,523	9	91,291	9	102,060
1/4	5,624	1/4	16,414	1/4	27,126	1/4	37,734	1/4	48,499	1/4	59,263	1/4	70,020	1/4	80,747	1/4	91,516	1/4	102,284
1/2	5,848	1/2	16,638	1/2	27,345	1/2	37,958	1/2	48,723	1/2	59,488	1/2	70,243	1/2	80,972	1/2	91,740	1/2	102,508
3/4	6,072	3/4	16,863	3/4	27,563	3/4	38,182	3/4	48,947	3/4	59,712	3/4	70,466	3/4	81,196	3/4	91,964	3/4	102,733
10	6,296	10	17,088	10	27,782	10	38,407	10	49,172	10	59,936	10	70,689	10	81,420	10	92,189	10	102,957
1/4	6,521	1/4	17,313	1/4	28,000	1/4	38,631	1/4	49,396	1/4	60,161	1/4	70,912	1/4	81,645	1/4	92,413	1/4	103,181
1/2	6,746	1/2	17,538	1/2	28,218	1/2	38,855	1/2	49,620	1/2	60,385	1/2	71,134	1/2	81,869	1/2	92,637	1/2	103,406
3/4	6,970	3/4	17,763	3/4	28,437	3/4	39,080	3/4	49,844	3/4	60,609	3/4	71,357	3/4	82,094	3/4	92,862	3/4	103,630
11	7,195	11	17,987	11	28,655	11	39,304	11	50,069	11	60,833	11	71,580	11	82,318	11	93,086	11	103,854
1/4	7,420	1/4	18,212	1/4	28,874	1/4	39,528	1/4	50,293	1/4	61,058	1/4	71,803	1/4	82,542	1/4	93,310	1/4	104,079
1/2	7,645	1/2	18,437	1/2	29,092	1/2	39,752	1/2	50,517	1/2	61,282	1/2	72,026	1/2	82,767	1/2	93,535	1/2	104,303
3/4	7,869	3/4	18,662	3/4	29,311	3/4	39,977	3/4	50,741	3/4	61,506	3/4	72,249	3/4	82,991	3/4	93,759	3/4	104,527

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 26'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1342"

## 1 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	104,752	0	114,856	0	124,319	0	133,740	0	143,145	0		0		0		0		0	
1/4	104,976	1/4	115,053	1/4	124,516	1/4	133,937	1/4	143,340	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,200	1/2	115,250	1/2	124,712	1/2	134,134	1/2	143,534	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,424	3/4	115,447	3/4	124,909	3/4	134,330	3/4	143,729	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,648	1	115,645	1	125,106	1	134,527	1	143,923	1	1	1	1	1	1	1	1	1	1
1/4	105,872	1/4	115,842	1/4	125,302	1/4	134,723	1/4	144,118	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,096	1/2	116,039	1/2	125,499	1/2	134,920	1/2	144,312	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,320	3/4	116,236	3/4	125,696	3/4	135,117	3/4	144,507	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,544	2	116,433	2	125,892	2	135,313	2	144,702	2	2	2	2	2	2	2	2	2	2
1/4	106,768	1/4	116,630	1/4	126,089	1/4	135,510	1/4	144,905	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,992	1/2	116,828	1/2	126,285	1/2	135,707	1/2	145,108	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,217	3/4	117,025	3/4	126,482	3/4	135,903	3/4	145,312	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,441	3	117,222	3	126,679	3	136,100	3	145,515	3	3	3	3	3	3	3	3	3	3
1/4	107,665	1/4	117,419	1/4	126,875	1/4	136,296	1/4	145,681	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,889	1/2	117,616	1/2	127,072	1/2	136,493	1/2	145,847	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,113	3/4	117,813	3/4	127,269	3/4	136,690	3/4	146,013	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,337	4	118,010	4	127,465	4	136,886	4	146,179	4	4	4	4	4	4	4	4	4	4
1/4	108,561	1/4	118,208	1/4	127,662	1/4	137,083	1/4	146,308	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,785	1/2	118,405	1/2	127,858	1/2	137,280	1/2	146,436	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,009	3/4	118,602	3/4	128,055	3/4	137,476	3/4	146,565	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,233	5	118,799	5	128,252	5	137,673	5	146,693	5	5	5	5	5	5	5	5	5	5
1/4	109,457	1/4	118,996	1/4	128,448	1/4	137,869	1/4	146,784	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,681	1/2	119,193	1/2	128,645	1/2	138,066	1/2	146,875	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,906	3/4	119,390	3/4	128,842	3/4	138,263	3/4	146,966	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,130	6	119,588	6	129,038	6	138,459	6	147,057	6	6	6	6	6	6	6	6	6	6
1/4	110,327	1/4	119,785	1/4	129,234	1/4	138,656	1/4	147,111	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,524	1/2	119,982	1/2	129,430	1/2	138,853	1/2	147,165	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,720	3/4	120,179	3/4	129,626	3/4	139,049	3/4	147,218	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,917	7	120,376	7	129,822	7	139,246	7	147,272	7	7	7	7	7	7	7	7	7	7
1/4	111,114	1/4	120,573	1/4	130,018	1/4	139,442	1/4	147,288	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,311	1/2	120,771	1/2	130,214	1/2	139,639	1/2	147,304	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,508	3/4	120,968	3/4	130,410	3/4	139,836	3/4	147,320	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,705	8	121,165	8	130,606	8	140,032	8	147,336	8	8	8	8	8	8	8	8	8	8
1/4	111,902	1/4	121,362	1/4	130,801	1/4	140,227	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,099	1/2	121,559	1/2	130,997	1/2	140,421	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,296	3/4	121,756	3/4	131,193	3/4	140,616	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,493	9	121,953	9	131,389	9	140,811	9		9	9	9	9	9	9	9	9	9	9
1/4	112,690	1/4	122,151	1/4	131,585	1/4	141,005	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,887	1/2	122,348	1/2	131,781	1/2	141,200	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,084	3/4	122,545	3/4	131,977	3/4	141,394	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,281	10	122,742	10	132,173	10	141,589	10		10	10	10	10	10	10	10	10	10	10
1/4	113,478	1/4	122,939	1/4	132,369	1/4	141,783	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,674	1/2	123,136	1/2	132,565	1/2	141,978	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,871	3/4	123,333	3/4	132,761	3/4	142,172	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,068	11	123,531	11	132,957	11	142,367	11		11	11	11	11	11	11	11	11	11	11
1/4	114,265	1/4	123,728	1/4	133,153	1/4	142,561	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,462	1/2	123,925	1/2	133,348	1/2	142,756	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,659	3/4	124,122	3/4	133,544	3/4	142,951	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2012 CL - SW  
CALCULATED: 01/03/2012 CL  
PRINTED: 01/03/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2012

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



# BARGE "CBC 1342"

## 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	9,043	0	21,107	0	33,024	0	44,941	0	57,006	0	69,070	0	81,134	0	93,198	0	105,260
1/4	60	1/4	9,294	1/4	21,358	1/4	33,268	1/4	45,193	1/4	57,257	1/4	69,321	1/4	81,385	1/4	93,450	1/4	105,512
1/2	81	1/2	9,546	1/2	21,610	1/2	33,512	1/2	45,444	1/2	57,508	1/2	69,573	1/2	81,637	1/2	93,701	1/2	105,763
3/4	102	3/4	9,797	3/4	21,861	3/4	33,756	3/4	45,695	3/4	57,760	3/4	69,824	3/4	81,888	3/4	93,952	3/4	106,014
1	123	1	10,048	1	22,112	1	34,000	1	45,947	1	58,011	1	70,075	1	82,139	1	94,203	1	106,266
1/4	186	1/4	10,300	1/4	22,364	1/4	34,244	1/4	46,198	1/4	58,262	1/4	70,327	1/4	82,391	1/4	94,455	1/4	106,517
1/2	249	1/2	10,551	1/2	22,615	1/2	34,488	1/2	46,449	1/2	58,514	1/2	70,578	1/2	82,642	1/2	94,706	1/2	106,768
3/4	311	3/4	10,802	3/4	22,866	3/4	34,732	3/4	46,701	3/4	58,765	3/4	70,829	3/4	82,893	3/4	94,957	3/4	107,019
2	374	2	11,054	2	23,117	2	34,975	2	46,952	2	59,016	2	71,081	2	83,145	2	95,209	2	107,271
1/4	479	1/4	11,305	1/4	23,369	1/4	35,219	1/4	47,203	1/4	59,268	1/4	71,332	1/4	83,396	1/4	95,460	1/4	107,522
1/2	584	1/2	11,556	1/2	23,620	1/2	35,463	1/2	47,455	1/2	59,519	1/2	71,583	1/2	83,647	1/2	95,711	1/2	107,773
3/4	688	3/4	11,808	3/4	23,871	3/4	35,707	3/4	47,706	3/4	59,770	3/4	71,835	3/4	83,899	3/4	95,962	3/4	108,025
3	793	3	12,059	3	24,123	3	35,951	3	47,958	3	60,022	3	72,086	3	84,150	3	96,214	3	108,276
1/4	940	1/4	12,310	1/4	24,374	1/4	36,195	1/4	48,209	1/4	60,273	1/4	72,337	1/4	84,401	1/4	96,465	1/4	108,527
1/2	1,086	1/2	12,562	1/2	24,625	1/2	36,439	1/2	48,460	1/2	60,524	1/2	72,589	1/2	84,653	1/2	96,716	1/2	108,778
3/4	1,233	3/4	12,813	3/4	24,877	3/4	36,683	3/4	48,712	3/4	60,776	3/4	72,840	3/4	84,904	3/4	96,968	3/4	109,030
4	1,380	4	13,064	4	25,128	4	36,927	4	48,963	4	61,027	4	73,091	4	85,155	4	97,219	4	109,281
1/4	1,568	1/4	13,316	1/4	25,379	1/4	37,171	1/4	49,214	1/4	61,278	1/4	73,343	1/4	85,407	1/4	97,470	1/4	109,532
1/2	1,757	1/2	13,567	1/2	25,631	1/2	37,415	1/2	49,466	1/2	61,530	1/2	73,594	1/2	85,658	1/2	97,722	1/2	109,784
3/4	1,945	3/4	13,818	3/4	25,882	3/4	37,660	3/4	49,717	3/4	61,781	3/4	73,845	3/4	85,909	3/4	97,973	3/4	110,035
5	2,134	5	14,070	5	26,133	5	37,904	5	49,968	5	62,032	5	74,097	5	86,161	5	98,224	5	110,286
1/4	2,363	1/4	14,321	1/4	26,385	1/4	38,155	1/4	50,220	1/4	62,284	1/4	74,348	1/4	86,412	1/4	98,475	1/4	110,538
1/2	2,593	1/2	14,572	1/2	26,636	1/2	38,407	1/2	50,471	1/2	62,535	1/2	74,599	1/2	86,663	1/2	98,727	1/2	110,789
3/4	2,823	3/4	14,824	3/4	26,887	3/4	38,658	3/4	50,722	3/4	62,786	3/4	74,851	3/4	86,915	3/4	98,978	3/4	111,040
6	3,052	6	15,075	6	27,139	6	38,909	6	50,974	6	63,038	6	75,102	6	87,166	6	99,229	6	111,291
1/4	3,299	1/4	15,326	1/4	27,390	1/4	39,161	1/4	51,225	1/4	63,289	1/4	75,353	1/4	87,417	1/4	99,481	1/4	111,543
1/2	3,545	1/2	15,578	1/2	27,641	1/2	39,412	1/2	51,476	1/2	63,540	1/2	75,605	1/2	87,669	1/2	99,732	1/2	111,794
3/4	3,791	3/4	15,829	3/4	27,893	3/4	39,663	3/4	51,728	3/4	63,792	3/4	75,856	3/4	87,920	3/4	99,983	3/4	112,045
7	4,038	7	16,080	7	28,144	7	39,915	7	51,979	7	64,043	7	76,107	7	88,172	7	100,234	7	112,297
1/4	4,286	1/4	16,332	1/4	28,388	1/4	40,166	1/4	52,230	1/4	64,294	1/4	76,359	1/4	88,423	1/4	100,486	1/4	112,548
1/2	4,535	1/2	16,583	1/2	28,633	1/2	40,417	1/2	52,482	1/2	64,546	1/2	76,610	1/2	88,674	1/2	100,737	1/2	112,799
3/4	4,783	3/4	16,834	3/4	28,877	3/4	40,669	3/4	52,733	3/4	64,797	3/4	76,861	3/4	88,926	3/4	100,988	3/4	113,051
8	5,032	8	17,086	8	29,121	8	40,920	8	52,984	8	65,048	8	77,113	8	89,177	8	101,240	8	113,302
1/4	5,282	1/4	17,337	1/4	29,365	1/4	41,171	1/4	53,236	1/4	65,300	1/4	77,364	1/4	89,428	1/4	101,491	1/4	113,553
1/2	5,531	1/2	17,588	1/2	29,609	1/2	41,423	1/2	53,487	1/2	65,551	1/2	77,615	1/2	89,680	1/2	101,742	1/2	113,804
3/4	5,781	3/4	17,840	3/4	29,853	3/4	41,674	3/4	53,738	3/4	65,802	3/4	77,867	3/4	89,931	3/4	101,994	3/4	114,056
9	6,031	9	18,091	9	30,097	9	41,925	9	53,990	9	66,054	9	78,118	9	90,182	9	102,245	9	114,307
1/4	6,282	1/4	18,342	1/4	30,341	1/4	42,177	1/4	54,241	1/4	66,305	1/4	78,369	1/4	90,434	1/4	102,496	1/4	114,558
1/2	6,532	1/2	18,594	1/2	30,585	1/2	42,428	1/2	54,492	1/2	66,556	1/2	78,621	1/2	90,685	1/2	102,747	1/2	114,810
3/4	6,783	3/4	18,845	3/4	30,829	3/4	42,679	3/4	54,744	3/4	66,808	3/4	78,872	3/4	90,936	3/4	102,999	3/4	115,061
10	7,033	10	19,096	10	31,073	10	42,931	10	54,995	10	67,059	10	79,123	10	91,188	10	103,250	10	115,312
1/4	7,285	1/4	19,348	1/4	31,317	1/4	43,182	1/4	55,246	1/4	67,310	1/4	79,375	1/4	91,439	1/4	103,501	1/4	115,563
1/2	7,536	1/2	19,599	1/2	31,560	1/2	43,433	1/2	55,498	1/2	67,562	1/2	79,626	1/2	91,690	1/2	103,753	1/2	115,815
3/4	7,787	3/4	19,850	3/4	31,804	3/4	43,685	3/4	55,749	3/4	67,813	3/4	79,877	3/4	91,942	3/4	104,004	3/4	116,066
11	8,038	11	20,102	11	32,048	11	43,936	11	56,000	11	68,065	11	80,129	11	92,193	11	104,255	11	116,317
1/4	8,289	1/4	20,353	1/4	32,292	1/4	44,187	1/4	56,252	1/4	68,316	1/4	80,380	1/4	92,444	1/4	104,506	1/4	116,569
1/2	8,540	1/2	20,604	1/2	32,536	1/2	44,439	1/2	56,503	1/2	68,567	1/2	80,631	1/2	92,696	1/2	104,758	1/2	116,820
3/4	8,792	3/4	20,856	3/4	32,780	3/4	44,690	3/4	56,754	3/4	68,819	3/4	80,883	3/4	92,947	3/4	105,009	3/4	117,071

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  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1342"

## 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	117,323	0	129,385	0	141,447	0	153,442	0	165,400	0		0		0		0		0	
1/4	117,574	1/4	129,636	1/4	141,697	1/4	153,692	1/4	165,648	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,825	1/2	129,887	1/2	141,947	1/2	153,942	1/2	165,895	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,076	3/4	130,139	3/4	142,196	3/4	154,192	3/4	166,143	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,328	1	130,390	1	142,446	1	154,441	1	166,390	1	1	1	1	1	1	1	1	1	1
1/4	118,579	1/4	130,641	1/4	142,696	1/4	154,691	1/4	166,638	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,830	1/2	130,892	1/2	142,946	1/2	154,941	1/2	166,885	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,082	3/4	131,144	3/4	143,196	3/4	155,191	3/4	167,133	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,333	2	131,395	2	143,446	2	155,441	2	167,381	2	2	2	2	2	2	2	2	2	2
1/4	119,584	1/4	131,646	1/4	143,696	1/4	155,691	1/4	167,607	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,835	1/2	131,898	1/2	143,946	1/2	155,941	1/2	167,834	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,087	3/4	132,149	3/4	144,196	3/4	156,191	3/4	168,061	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,338	3	132,400	3	144,446	3	156,441	3	168,287	3	3	3	3	3	3	3	3	3	3
1/4	120,589	1/4	132,651	1/4	144,695	1/4	156,690	1/4	168,472	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,841	1/2	132,903	1/2	144,945	1/2	156,940	1/2	168,657	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,092	3/4	133,154	3/4	145,195	3/4	157,190	3/4	168,841	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,343	4	133,405	4	145,445	4	157,440	4	169,026	4	4	4	4	4	4	4	4	4	4
1/4	121,595	1/4	133,657	1/4	145,695	1/4	157,690	1/4	169,169	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,846	1/2	133,908	1/2	145,945	1/2	157,940	1/2	169,312	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,097	3/4	134,159	3/4	146,195	3/4	158,190	3/4	169,455	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,348	5	134,411	5	146,445	5	158,440	5	169,598	5	5	5	5	5	5	5	5	5	5
1/4	122,600	1/4	134,662	1/4	146,695	1/4	158,690	1/4	169,699	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,851	1/2	134,913	1/2	146,944	1/2	158,940	1/2	169,800	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,102	3/4	135,164	3/4	147,194	3/4	159,189	3/4	169,901	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,354	6	135,416	6	147,444	6	159,439	6	170,002	6	6	6	6	6	6	6	6	6	6
1/4	123,605	1/4	135,667	1/4	147,694	1/4	159,689	1/4	170,061	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,856	1/2	135,918	1/2	147,944	1/2	159,939	1/2	170,120	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,107	3/4	136,170	3/4	148,194	3/4	160,189	3/4	170,179	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,359	7	136,421	7	148,444	7	160,439	7	170,238	7	7	7	7	7	7	7	7	7	7
1/4	124,610	1/4	136,672	1/4	148,694	1/4	160,689	1/4	170,255	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,861	1/2	136,923	1/2	148,944	1/2	160,939	1/2	170,272	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,113	3/4	137,175	3/4	149,194	3/4	161,189	3/4	170,289	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,364	8	137,426	8	149,443	8	161,439	8	170,307	8	8	8	8	8	8	8	8	8	8
1/4	125,615	1/4	137,677	1/4	149,693	1/4	161,686	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,867	1/2	137,929	1/2	149,943	1/2	161,934	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,118	3/4	138,180	3/4	150,193	3/4	162,181	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,369	9	138,431	9	150,443	9	162,429	9		9	9	9	9	9	9	9	9	9	9
1/4	126,620	1/4	138,683	1/4	150,693	1/4	162,676	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,872	1/2	138,934	1/2	150,943	1/2	162,924	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,123	3/4	139,185	3/4	151,193	3/4	163,172	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,374	10	139,436	10	151,443	10	163,419	10		10	10	10	10	10	10	10	10	10	10
1/4	127,626	1/4	139,688	1/4	151,693	1/4	163,667	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,877	1/2	139,939	1/2	151,942	1/2	163,914	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,128	3/4	140,190	3/4	152,192	3/4	164,162	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,379	11	140,442	11	152,442	11	164,410	11		11	11	11	11	11	11	11	11	11	11
1/4	128,631	1/4	140,693	1/4	152,692	1/4	164,657	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,882	1/2	140,944	1/2	152,942	1/2	164,905	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,133	3/4	141,195	3/4	153,192	3/4	165,152	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2012 CL - SW  
CALCULATED: 01/03/2012 CL  
PRINTED: 01/03/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2012

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1342"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,041	0	18,763	0	29,470	0	40,180	0	50,902	0	61,624	0	72,346	0	83,068	0	93,788
1/4	58	1/4	8,265	1/4	18,986	1/4	29,693	1/4	40,404	1/4	51,126	1/4	61,847	1/4	72,569	1/4	83,291	1/4	94,011
1/2	77	1/2	8,488	1/2	19,209	1/2	29,915	1/2	40,627	1/2	51,349	1/2	62,071	1/2	72,793	1/2	83,514	1/2	94,235
3/4	95	3/4	8,711	3/4	19,433	3/4	30,138	3/4	40,850	3/4	51,572	3/4	62,294	3/4	73,016	3/4	83,738	3/4	94,458
1	114	1	8,935	1	19,656	1	30,361	1	41,074	1	51,796	1	62,518	1	73,239	1	83,961	1	94,681
1/4	170	1/4	9,158	1/4	19,880	1/4	30,583	1/4	41,297	1/4	52,019	1/4	62,741	1/4	73,463	1/4	84,184	1/4	94,905
1/2	225	1/2	9,381	1/2	20,103	1/2	30,806	1/2	41,521	1/2	52,242	1/2	62,964	1/2	73,686	1/2	84,408	1/2	95,128
3/4	281	3/4	9,605	3/4	20,326	3/4	31,029	3/4	41,744	3/4	52,466	3/4	63,188	3/4	73,910	3/4	84,631	3/4	95,351
2	337	2	9,828	2	20,550	2	31,251	2	41,967	2	52,689	2	63,411	2	74,133	2	84,854	2	95,575
1/4	430	1/4	10,052	1/4	20,773	1/4	31,474	1/4	42,191	1/4	52,913	1/4	63,634	1/4	74,356	1/4	85,078	1/4	95,798
1/2	523	1/2	10,275	1/2	20,996	1/2	31,697	1/2	42,414	1/2	53,136	1/2	63,858	1/2	74,580	1/2	85,301	1/2	96,021
3/4	616	3/4	10,498	3/4	21,220	3/4	31,919	3/4	42,637	3/4	53,359	3/4	64,081	3/4	74,803	3/4	85,524	3/4	96,245
3	709	3	10,722	3	21,443	3	32,142	3	42,861	3	53,583	3	64,305	3	75,026	3	85,748	3	96,468
1/4	840	1/4	10,945	1/4	21,666	1/4	32,364	1/4	43,084	1/4	53,806	1/4	64,528	1/4	75,250	1/4	85,971	1/4	96,691
1/2	970	1/2	11,168	1/2	21,890	1/2	32,587	1/2	43,308	1/2	54,029	1/2	64,751	1/2	75,473	1/2	86,194	1/2	96,915
3/4	1,100	3/4	11,392	3/4	22,113	3/4	32,810	3/4	43,531	3/4	54,253	3/4	64,975	3/4	75,697	3/4	86,418	3/4	97,138
4	1,230	4	11,615	4	22,337	4	33,032	4	43,754	4	54,476	4	65,198	4	75,920	4	86,641	4	97,361
1/4	1,398	1/4	11,838	1/4	22,560	1/4	33,256	1/4	43,978	1/4	54,700	1/4	65,421	1/4	76,143	1/4	86,864	1/4	97,585
1/2	1,566	1/2	12,062	1/2	22,783	1/2	33,479	1/2	44,201	1/2	54,923	1/2	65,645	1/2	76,367	1/2	87,088	1/2	97,808
3/4	1,733	3/4	12,285	3/4	23,007	3/4	33,703	3/4	44,424	3/4	55,146	3/4	65,868	3/4	76,590	3/4	87,311	3/4	98,031
5	1,901	5	12,509	5	23,230	5	33,926	5	44,648	5	55,370	5	66,092	5	76,813	5	87,534	5	98,255
1/4	2,105	1/4	12,732	1/4	23,453	1/4	34,149	1/4	44,871	1/4	55,593	1/4	66,315	1/4	77,037	1/4	87,758	1/4	98,478
1/2	2,309	1/2	12,955	1/2	23,677	1/2	34,373	1/2	45,095	1/2	55,816	1/2	66,538	1/2	77,260	1/2	87,981	1/2	98,701
3/4	2,513	3/4	13,179	3/4	23,900	3/4	34,596	3/4	45,318	3/4	56,040	3/4	66,762	3/4	77,483	3/4	88,204	3/4	98,925
6	2,717	6	13,402	6	24,123	6	34,819	6	45,541	6	56,263	6	66,985	6	77,707	6	88,428	6	99,148
1/4	2,936	1/4	13,625	1/4	24,346	1/4	35,043	1/4	45,765	1/4	56,487	1/4	67,208	1/4	77,930	1/4	88,651	1/4	99,371
1/2	3,155	1/2	13,849	1/2	24,569	1/2	35,266	1/2	45,988	1/2	56,710	1/2	67,432	1/2	78,154	1/2	88,874	1/2	99,595
3/4	3,374	3/4	14,072	3/4	24,792	3/4	35,490	3/4	46,211	3/4	56,933	3/4	67,655	3/4	78,377	3/4	89,098	3/4	99,818
7	3,593	7	14,295	7	25,015	7	35,713	7	46,435	7	57,157	7	67,878	7	78,600	7	89,321	7	100,041
1/4	3,814	1/4	14,519	1/4	25,238	1/4	35,936	1/4	46,658	1/4	57,380	1/4	68,102	1/4	78,824	1/4	89,544	1/4	100,265
1/2	4,035	1/2	14,742	1/2	25,461	1/2	36,160	1/2	46,882	1/2	57,603	1/2	68,325	1/2	79,047	1/2	89,768	1/2	100,488
3/4	4,255	3/4	14,966	3/4	25,684	3/4	36,383	3/4	47,105	3/4	57,827	3/4	68,549	3/4	79,270	3/4	89,991	3/4	100,711
8	4,476	8	15,189	8	25,908	8	36,606	8	47,328	8	58,050	8	68,772	8	79,494	8	90,214	8	100,935
1/4	4,698	1/4	15,412	1/4	26,130	1/4	36,830	1/4	47,552	1/4	58,273	1/4	68,995	1/4	79,717	1/4	90,438	1/4	101,158
1/2	4,920	1/2	15,636	1/2	26,353	1/2	37,053	1/2	47,775	1/2	58,497	1/2	69,219	1/2	79,941	1/2	90,661	1/2	101,381
3/4	5,142	3/4	15,859	3/4	26,575	3/4	37,277	3/4	47,998	3/4	58,720	3/4	69,442	3/4	80,164	3/4	90,885	3/4	101,605
9	5,364	9	16,082	9	26,798	9	37,500	9	48,222	9	58,944	9	69,665	9	80,387	9	91,108	9	101,828
1/4	5,587	1/4	16,306	1/4	27,021	1/4	37,723	1/4	48,445	1/4	59,167	1/4	69,889	1/4	80,611	1/4	91,331	1/4	102,051
1/2	5,810	1/2	16,529	1/2	27,243	1/2	37,947	1/2	48,668	1/2	59,390	1/2	70,112	1/2	80,834	1/2	91,555	1/2	102,275
3/4	6,033	3/4	16,752	3/4	27,466	3/4	38,170	3/4	48,892	3/4	59,614	3/4	70,336	3/4	81,057	3/4	91,778	3/4	102,498
10	6,255	10	16,976	10	27,689	10	38,393	10	49,115	10	59,837	10	70,559	10	81,281	10	92,001	10	102,721
1/4	6,478	1/4	17,199	1/4	27,911	1/4	38,617	1/4	49,339	1/4	60,060	1/4	70,782	1/4	81,504	1/4	92,225	1/4	102,945
1/2	6,702	1/2	17,423	1/2	28,134	1/2	38,840	1/2	49,562	1/2	60,284	1/2	71,006	1/2	81,728	1/2	92,448	1/2	103,168
3/4	6,925	3/4	17,646	3/4	28,357	3/4	39,063	3/4	49,785	3/4	60,507	3/4	71,229	3/4	81,951	3/4	92,671	3/4	103,391
11	7,148	11	17,869	11	28,579	11	39,287	11	50,009	11	60,731	11	71,452	11	82,174	11	92,895	11	103,615
1/4	7,371	1/4	18,093	1/4	28,802	1/4	39,510	1/4	50,232	1/4	60,954	1/4	71,676	1/4	82,398	1/4	93,118	1/4	103,838
1/2	7,595	1/2	18,316	1/2	29,025	1/2	39,734	1/2	50,455	1/2	61,177	1/2	71,899	1/2	82,621	1/2	93,341	1/2	104,061
3/4	7,818	3/4	18,539	3/4	29,247	3/4	39,957	3/4	50,679	3/4	61,401	3/4	72,123	3/4	82,844	3/4	93,565	3/4	104,285

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1342"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,508	0	115,228	0	125,948	0	136,609	0	147,238	0		0		0		0		0	
1/4	104,731	1/4	115,451	1/4	126,170	1/4	136,831	1/4	147,458	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,955	1/2	115,675	1/2	126,392	1/2	137,053	1/2	147,678	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,178	3/4	115,898	3/4	126,614	3/4	137,276	3/4	147,898	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,401	1	116,121	1	126,836	1	137,498	1	148,118	1	1	1	1	1	1	1	1	1	1
1/4	105,625	1/4	116,345	1/4	127,059	1/4	137,720	1/4	148,338	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,848	1/2	116,568	1/2	127,281	1/2	137,942	1/2	148,558	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,071	3/4	116,791	3/4	127,503	3/4	138,164	3/4	148,778	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,295	2	117,015	2	127,725	2	138,386	2	148,998	2	2	2	2	2	2	2	2	2	2
1/4	106,518	1/4	117,238	1/4	127,947	1/4	138,608	1/4	149,200	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,741	1/2	117,461	1/2	128,169	1/2	138,830	1/2	149,401	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,965	3/4	117,685	3/4	128,391	3/4	139,052	3/4	149,602	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,188	3	117,908	3	128,613	3	139,275	3	149,804	3	3	3	3	3	3	3	3	3	3
1/4	107,411	1/4	118,131	1/4	128,835	1/4	139,497	1/4	149,968	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,635	1/2	118,355	1/2	129,058	1/2	139,719	1/2	150,132	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,858	3/4	118,578	3/4	129,280	3/4	139,941	3/4	150,297	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,081	4	118,801	4	129,502	4	140,163	4	150,461	4	4	4	4	4	4	4	4	4	4
1/4	108,305	1/4	119,025	1/4	129,724	1/4	140,385	1/4	150,588	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,528	1/2	119,248	1/2	129,946	1/2	140,607	1/2	150,715	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,751	3/4	119,471	3/4	130,168	3/4	140,829	3/4	150,842	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,975	5	119,695	5	130,390	5	141,051	5	150,969	5	5	5	5	5	5	5	5	5	5
1/4	109,198	1/4	119,918	1/4	130,612	1/4	141,274	1/4	151,058	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,421	1/2	120,141	1/2	130,834	1/2	141,496	1/2	151,148	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,645	3/4	120,365	3/4	131,057	3/4	141,718	3/4	151,238	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,868	6	120,588	6	131,279	6	141,940	6	151,328	6	6	6	6	6	6	6	6	6	6
1/4	110,091	1/4	120,811	1/4	131,501	1/4	142,162	1/4	151,380	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,315	1/2	121,035	1/2	131,723	1/2	142,384	1/2	151,433	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,538	3/4	121,258	3/4	131,945	3/4	142,606	3/4	151,485	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,761	7	121,481	7	132,167	7	142,828	7	151,538	7	7	7	7	7	7	7	7	7	7
1/4	110,985	1/4	121,705	1/4	132,389	1/4	143,050	1/4	151,553	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,208	1/2	121,928	1/2	132,611	1/2	143,273	1/2	151,568	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,431	3/4	122,151	3/4	132,833	3/4	143,495	3/4	151,584	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,655	8	122,375	8	133,056	8	143,717	8	151,599	8	8	8	8	8	8	8	8	8	8
1/4	111,878	1/4	122,598	1/4	133,278	1/4	143,937	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,101	1/2	122,821	1/2	133,500	1/2	144,157	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,325	3/4	123,045	3/4	133,722	3/4	144,377	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,548	9	123,268	9	133,944	9	144,597	9		9	9	9	9	9	9	9	9	9	9
1/4	112,771	1/4	123,491	1/4	134,166	1/4	144,817	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,995	1/2	123,715	1/2	134,388	1/2	145,037	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,218	3/4	123,938	3/4	134,610	3/4	145,257	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,441	10	124,161	10	134,832	10	145,477	10		10	10	10	10	10	10	10	10	10	10
1/4	113,665	1/4	124,385	1/4	135,054	1/4	145,697	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,888	1/2	124,608	1/2	135,277	1/2	145,917	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,111	3/4	124,831	3/4	135,499	3/4	146,137	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,335	11	125,055	11	135,721	11	146,357	11		11	11	11	11	11	11	11	11	11	11
1/4	114,558	1/4	125,278	1/4	135,943	1/4	146,578	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,781	1/2	125,501	1/2	136,165	1/2	146,798	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,005	3/4	125,725	3/4	136,387	3/4	147,018	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2012 CL - SW  
CALCULATED: 01/03/2012 CL  
PRINTED: 01/03/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2012

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1342"

## 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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 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 3 CENTER IS 00-1/2"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

January 3, 2012

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

<http://www.pmacorp.net>



# BARGE "CBC 1342"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0		0		0	147,304	0	139,639	0	130,214	0	120,771	0	111,311	0	100,714	0	89,945	0	79,177	
1/4	1/4	1/4	1/4	1/4	147,288	1/4	139,442	1/4	130,018	1/4	120,573	1/4	111,114	1/4	100,489	1/4	89,721	1/4	78,952	
1/2	1/2	1/2	1/2	1/2	147,272	1/2	139,246	1/2	129,822	1/2	120,376	1/2	110,917	1/2	100,265	1/2	89,497	1/2	78,728	
3/4	3/4	3/4	3/4	3/4	147,218	3/4	139,049	3/4	129,626	3/4	120,179	3/4	110,720	3/4	100,041	3/4	89,272	3/4	78,504	
1		1		1	147,165	1	138,853	1	129,430	1	119,982	1	110,524	1	99,816	1	89,048	1	78,279	
1/4	1/4	1/4	1/4	1/4	147,111	1/4	138,656	1/4	129,234	1/4	119,785	1/4	110,327	1/4	99,592	1/4	88,824	1/4	78,055	
1/2	1/2	1/2	1/2	1/2	147,057	1/2	138,459	1/2	129,038	1/2	119,588	1/2	110,130	1/2	99,368	1/2	88,599	1/2	77,831	
3/4	3/4	3/4	3/4	3/4	146,966	3/4	138,263	3/4	128,842	3/4	119,390	3/4	109,906	3/4	99,143	3/4	88,375	3/4	77,606	
2		2		2	146,875	2	138,066	2	128,645	2	119,193	2	109,681	2	98,919	2	88,151	2	77,382	
1/4	1/4	1/4	1/4	1/4	146,784	1/4	137,869	1/4	128,448	1/4	118,996	1/4	109,457	1/4	98,695	1/4	87,926	1/4	77,157	
1/2	1/2	1/2	1/2	1/2	146,693	1/2	137,673	1/2	128,252	1/2	118,799	1/2	109,233	1/2	98,470	1/2	87,702	1/2	76,933	
3/4	3/4	3/4	3/4	3/4	146,565	3/4	137,476	3/4	128,055	3/4	118,602	3/4	109,009	3/4	98,246	3/4	87,478	3/4	76,709	
3		3		3	146,436	3	137,280	3	127,858	3	118,405	3	108,785	3	98,022	3	87,253	3	76,486	
1/4	1/4	1/4	1/4	1/4	146,308	1/4	137,083	1/4	127,662	1/4	118,208	1/4	108,561	1/4	97,797	1/4	87,029	1/4	76,262	
1/2	1/2	1/2	1/2	1/2	146,179	1/2	136,886	1/2	127,465	1/2	118,010	1/2	108,337	1/2	97,573	1/2	86,805	1/2	76,039	
3/4	3/4	3/4	3/4	3/4	146,013	3/4	136,690	3/4	127,269	3/4	117,813	3/4	108,113	3/4	97,349	3/4	86,580	3/4	75,816	
4		4		4	145,847	4	136,493	4	127,072	4	117,616	4	107,889	4	97,124	4	86,356	4	75,593	
1/4	1/4	1/4	1/4	1/4	145,681	1/4	136,296	1/4	126,875	1/4	117,419	1/4	107,665	1/4	96,900	1/4	86,132	1/4	75,370	
1/2	1/2	1/2	1/2	1/2	145,515	1/2	136,100	1/2	126,679	1/2	117,222	1/2	107,441	1/2	96,675	1/2	85,907	1/2	75,147	
3/4	3/4	3/4	3/4	3/4	145,312	3/4	135,903	3/4	126,482	3/4	117,025	3/4	107,217	3/4	96,451	3/4	85,683	3/4	74,924	
5		5		5	145,108	5	135,707	5	126,285	5	116,828	5	106,992	5	96,227	5	85,459	5	74,701	
1/4	1/4	1/4	1/4	1/4	144,905	1/4	135,510	1/4	126,089	1/4	116,630	1/4	106,768	1/4	96,002	1/4	85,234	1/4	74,478	
1/2	1/2	1/2	1/2	1/2	144,702	1/2	135,313	1/2	125,892	1/2	116,433	1/2	106,544	1/2	95,778	1/2	85,010	1/2	74,255	
3/4	3/4	3/4	3/4	3/4	144,507	3/4	135,117	3/4	125,696	3/4	116,236	3/4	106,320	3/4	95,554	3/4	84,786	3/4	74,032	
6		6		6	144,312	6	134,920	6	125,499	6	116,039	6	106,096	6	95,329	6	84,561	6	73,809	
1/4	1/4	1/4	1/4	1/4	144,118	1/4	134,723	1/4	125,302	1/4	115,842	1/4	105,872	1/4	95,105	1/4	84,337	1/4	73,587	
1/2	1/2	1/2	1/2	1/2	143,923	1/2	134,527	1/2	125,106	1/2	115,645	1/2	105,648	1/2	94,881	1/2	84,113	1/2	73,364	
3/4	3/4	3/4	3/4	3/4	143,729	3/4	134,330	3/4	124,909	3/4	115,447	3/4	105,424	3/4	94,656	3/4	83,888	3/4	73,141	
7		7		7	143,534	7	134,134	7	124,712	7	115,250	7	105,200	7	94,432	7	83,664	7	72,918	
1/4	1/4	1/4	1/4	1/4	143,340	1/4	133,937	1/4	124,516	1/4	115,053	1/4	104,976	1/4	94,208	1/4	83,440	1/4	72,695	
1/2	1/2	1/2	1/2	1/2	143,145	1/2	133,740	1/2	124,319	1/2	114,856	1/2	104,752	1/2	93,983	1/2	83,215	1/2	72,472	
3/4	3/4	3/4	3/4	3/4	142,951	3/4	133,544	3/4	124,122	3/4	114,659	3/4	104,527	3/4	93,759	3/4	82,991	3/4	72,249	
8		8		8	142,756	8	133,348	8	123,925	8	114,462	8	104,303	8	93,535	8	82,767	8	72,026	
1/4	1/4	1/4	1/4	1/4	142,561	1/4	133,153	1/4	123,728	1/4	114,265	1/4	104,079	1/4	93,310	1/4	82,542	1/4	71,803	
1/2	1/2	1/2	1/2	1/2	142,367	1/2	132,957	1/2	123,531	1/2	114,068	1/2	103,854	1/2	93,086	1/2	82,318	1/2	71,580	
3/4	3/4	3/4	3/4	3/4	142,172	3/4	132,761	3/4	123,333	3/4	113,871	3/4	103,630	3/4	92,862	3/4	82,094	3/4	71,357	
9		9		9	141,978	9	132,565	9	123,136	9	113,674	9	103,406	9	92,637	9	81,869	9	71,134	
1/4	1/4	1/4	1/4	1/4	141,783	1/4	132,369	1/4	122,939	1/4	113,478	1/4	103,181	1/4	92,413	1/4	81,645	1/4	70,912	
1/2	1/2	1/2	1/2	1/2	141,589	1/2	132,173	1/2	122,742	1/2	113,281	1/2	102,957	1/2	92,189	1/2	81,420	1/2	70,689	
3/4	3/4	3/4	3/4	3/4	141,394	3/4	131,977	3/4	122,545	3/4	113,084	3/4	102,733	3/4	91,964	3/4	81,196	3/4	70,466	
10		10		10	141,200	10	131,781	10	122,348	10	112,887	10	102,508	10	91,740	10	80,972	10	70,243	
1/4	1/4	1/4	1/4	1/4	141,005	1/4	131,585	1/4	122,151	1/4	112,690	1/4	102,284	1/4	91,516	1/4	80,747	1/4	70,020	
1/2	1/2	1/2	1/2	1/2	140,811	1/2	131,389	1/2	121,953	1/2	112,493	1/2	102,060	1/2	91,291	1/2	80,523	1/2	69,797	
3/4	3/4	3/4	3/4	3/4	140,616	3/4	131,193	3/4	121,756	3/4	112,296	3/4	101,835	3/4	91,067	3/4	80,299	3/4	69,573	
11		11		11	140,421	11	130,997	11	121,559	11	112,099	11	101,611	11	90,843	11	80,074	11	69,350	
1/4	1/4	1/4	1/4	1/4	140,227	1/4	130,801	1/4	121,362	1/4	111,902	1/4	101,387	1/4	90,618	1/4	79,850	1/4	69,126	
1/2	1/2	1/2	1/2	147,336	1/2	140,032	1/2	130,606	1/2	121,165	1/2	111,705	1/2	101,162	1/2	90,394	1/2	79,626	1/2	68,902
3/4	3/4	3/4	3/4	147,320	3/4	139,836	3/4	130,410	3/4	120,968	3/4	111,508	3/4	100,938	3/4	90,170	3/4	79,401	3/4	68,679

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 26'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1342"

## 1 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	68,455	0	57,694	0	46,929	0	36,164	0	25,596	0	14,840	0	4,061	0		0		0	
1/4	68,231	1/4	57,469	1/4	46,705	1/4	35,940	1/4	25,377	1/4	14,615	1/4	3,839	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,008	1/2	57,245	1/2	46,480	1/2	35,716	1/2	25,159	1/2	14,390	1/2	3,616	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,784	3/4	57,021	3/4	46,256	3/4	35,491	3/4	24,940	3/4	14,165	3/4	3,396	3/4	3/4	3/4	3/4	3/4	3/4
1	67,560	1	56,797	1	46,032	1	35,267	1	24,721	1	13,940	1	3,175	1	1	1	1	1	1
1/4	67,336	1/4	56,572	1/4	45,808	1/4	35,043	1/4	24,502	1/4	13,715	1/4	2,955	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,113	1/2	56,348	1/2	45,583	1/2	34,818	1/2	24,283	1/2	13,491	1/2	2,735	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,889	3/4	56,124	3/4	45,359	3/4	34,594	3/4	24,058	3/4	13,266	3/4	2,529	3/4	3/4	3/4	3/4	3/4	3/4
2	66,664	2	55,900	2	45,135	2	34,370	2	23,834	2	13,041	2	2,324	2	2	2	2	2	2
1/4	66,440	1/4	55,675	1/4	44,910	1/4	34,146	1/4	23,609	1/4	12,816	1/4	2,118	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,216	1/2	55,451	1/2	44,686	1/2	33,921	1/2	23,384	1/2	12,591	1/2	1,913	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,991	3/4	55,227	3/4	44,462	3/4	33,697	3/4	23,159	3/4	12,366	3/4	1,744	3/4	3/4	3/4	3/4	3/4	3/4
3	65,767	3	55,002	3	44,238	3	33,473	3	22,934	3	12,141	3	1,576	3	3	3	3	3	3
1/4	65,543	1/4	54,778	1/4	44,013	1/4	33,249	1/4	22,709	1/4	11,917	1/4	1,407	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,319	1/2	54,554	1/2	43,789	1/2	33,024	1/2	22,484	1/2	11,692	1/2	1,238	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,094	3/4	54,330	3/4	43,565	3/4	32,806	3/4	22,260	3/4	11,467	3/4	1,107	3/4	3/4	3/4	3/4	3/4	3/4
4	64,870	4	54,105	4	43,341	4	32,587	4	22,035	4	11,242	4	976	4	4	4	4	4	4
1/4	64,646	1/4	53,881	1/4	43,116	1/4	32,369	1/4	21,810	1/4	11,017	1/4	845	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,422	1/2	53,657	1/2	42,892	1/2	32,151	1/2	21,585	1/2	10,792	1/2	714	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,197	3/4	53,433	3/4	42,668	3/4	31,932	3/4	21,360	3/4	10,568	3/4	620	3/4	3/4	3/4	3/4	3/4	3/4
5	63,973	5	53,208	5	42,444	5	31,714	5	21,135	5	10,343	5	526	5	5	5	5	5	5
1/4	63,749	1/4	52,984	1/4	42,219	1/4	31,495	1/4	20,911	1/4	10,118	1/4	433	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,525	1/2	52,760	1/2	41,995	1/2	31,277	1/2	20,686	1/2	9,893	1/2	339	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,300	3/4	52,536	3/4	41,771	3/4	31,058	3/4	20,461	3/4	9,668	3/4	283	3/4	3/4	3/4	3/4	3/4	3/4
6	63,076	6	52,311	6	41,546	6	30,840	6	20,236	6	9,443	6	227	6	6	6	6	6	6
1/4	62,852	1/4	52,087	1/4	41,322	1/4	30,621	1/4	20,011	1/4	9,218	1/4	171	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,627	1/2	51,863	1/2	41,098	1/2	30,403	1/2	19,786	1/2	8,994	1/2	114	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,403	3/4	51,638	3/4	40,874	3/4	30,184	3/4	19,561	3/4	8,769	3/4	96	3/4	3/4	3/4	3/4	3/4	3/4
7	62,179	7	51,414	7	40,649	7	29,966	7	19,337	7	8,544	7	77	7	7	7	7	7	7
1/4	61,955	1/4	51,190	1/4	40,425	1/4	29,748	1/4	19,112	1/4	8,319	1/4	58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,730	1/2	50,966	1/2	40,201	1/2	29,529	1/2	18,887	1/2	8,094	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,506	3/4	50,741	3/4	39,977	3/4	29,311	3/4	18,662	3/4	7,869	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	61,282	8	50,517	8	39,752	8	29,092	8	18,437	8	7,645	8		8	8	8	8	8	8
1/4	61,058	1/4	50,293	1/4	39,528	1/4	28,874	1/4	18,212	1/4	7,420	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,833	1/2	50,069	1/2	39,304	1/2	28,655	1/2	17,987	1/2	7,195	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,609	3/4	49,844	3/4	39,080	3/4	28,437	3/4	17,763	3/4	6,970	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,385	9	49,620	9	38,855	9	28,218	9	17,538	9	6,746	9		9	9	9	9	9	9
1/4	60,161	1/4	49,396	1/4	38,631	1/4	28,000	1/4	17,313	1/4	6,521	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,936	1/2	49,172	1/2	38,407	1/2	27,782	1/2	17,088	1/2	6,296	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,712	3/4	48,947	3/4	38,182	3/4	27,563	3/4	16,863	3/4	6,072	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,488	10	48,723	10	37,958	10	27,345	10	16,638	10	5,848	10		10	10	10	10	10	10
1/4	59,263	1/4	48,499	1/4	37,734	1/4	27,126	1/4	16,414	1/4	5,624	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,039	1/2	48,274	1/2	37,510	1/2	26,908	1/2	16,189	1/2	5,399	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,815	3/4	48,050	3/4	37,285	3/4	26,689	3/4	15,964	3/4	5,176	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,591	11	47,826	11	37,061	11	26,471	11	15,739	11	4,952	11		11	11	11	11	11	11
1/4	58,366	1/4	47,602	1/4	36,837	1/4	26,252	1/4	15,514	1/4	4,729	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,142	1/2	47,377	1/2	36,613	1/2	26,034	1/2	15,289	1/2	4,506	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,918	3/4	47,153	3/4	36,388	3/4	25,815	3/4	15,064	3/4	4,283	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2012 CL - SW  
CALCULATED: 01/03/2012 CL  
PRINTED: 01/03/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2012

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



# BARGE "CBC 1342"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	170,307	0	161,439	0	149,443	0	137,426	0	125,364	0	113,302	0	101,240	0	89,177
1/4	1/4	1/4	1/4	1/4	170,289	1/4	161,189	1/4	149,194	1/4	137,175	1/4	125,113	1/4	113,051	1/4	100,988	1/4	88,926
1/2	1/2	1/2	1/2	1/2	170,272	1/2	160,939	1/2	148,944	1/2	136,923	1/2	124,861	1/2	112,799	1/2	100,737	1/2	88,674
3/4	3/4	3/4	3/4	3/4	170,255	3/4	160,689	3/4	148,694	3/4	136,672	3/4	124,610	3/4	112,548	3/4	100,486	3/4	88,423
1		1		1	170,238	1	160,439	1	148,444	1	136,421	1	124,359	1	112,297	1	100,234	1	88,172
1/4	1/4	1/4	1/4	1/4	170,179	1/4	160,189	1/4	148,194	1/4	136,170	1/4	124,107	1/4	112,045	1/4	99,983	1/4	87,920
1/2	1/2	1/2	1/2	1/2	170,120	1/2	159,939	1/2	147,944	1/2	135,918	1/2	123,856	1/2	111,794	1/2	99,732	1/2	87,669
3/4	3/4	3/4	3/4	3/4	170,061	3/4	159,689	3/4	147,694	3/4	135,667	3/4	123,605	3/4	111,543	3/4	99,481	3/4	87,417
2		2		2	170,002	2	159,439	2	147,444	2	135,416	2	123,354	2	111,291	2	99,229	2	87,166
1/4	1/4	1/4	1/4	1/4	169,901	1/4	159,189	1/4	147,194	1/4	135,164	1/4	123,102	1/4	111,040	1/4	98,978	1/4	86,915
1/2	1/2	1/2	1/2	1/2	169,800	1/2	158,940	1/2	146,944	1/2	134,913	1/2	122,851	1/2	110,789	1/2	98,727	1/2	86,663
3/4	3/4	3/4	3/4	3/4	169,699	3/4	158,690	3/4	146,695	3/4	134,662	3/4	122,600	3/4	110,538	3/4	98,475	3/4	86,412
3		3		3	169,598	3	158,440	3	146,445	3	134,411	3	122,348	3	110,286	3	98,224	3	86,161
1/4	1/4	1/4	1/4	1/4	169,455	1/4	158,190	1/4	146,195	1/4	134,159	1/4	122,097	1/4	110,035	1/4	97,973	1/4	85,909
1/2	1/2	1/2	1/2	1/2	169,312	1/2	157,940	1/2	145,945	1/2	133,908	1/2	121,846	1/2	109,784	1/2	97,722	1/2	85,658
3/4	3/4	3/4	3/4	3/4	169,169	3/4	157,690	3/4	145,695	3/4	133,657	3/4	121,595	3/4	109,532	3/4	97,470	3/4	85,407
4		4		4	169,026	4	157,440	4	145,445	4	133,405	4	121,343	4	109,281	4	97,219	4	85,155
1/4	1/4	1/4	1/4	1/4	168,841	1/4	157,190	1/4	145,195	1/4	133,154	1/4	121,092	1/4	109,030	1/4	96,968	1/4	84,904
1/2	1/2	1/2	1/2	1/2	168,657	1/2	156,940	1/2	144,945	1/2	132,903	1/2	120,841	1/2	108,778	1/2	96,716	1/2	84,653
3/4	3/4	3/4	3/4	3/4	168,472	3/4	156,690	3/4	144,695	3/4	132,651	3/4	120,589	3/4	108,527	3/4	96,465	3/4	84,401
5		5		5	168,287	5	156,441	5	144,446	5	132,400	5	120,338	5	108,276	5	96,214	5	84,150
1/4	1/4	1/4	1/4	1/4	168,061	1/4	156,191	1/4	144,196	1/4	132,149	1/4	120,087	1/4	108,025	1/4	95,962	1/4	83,899
1/2	1/2	1/2	1/2	1/2	167,834	1/2	155,941	1/2	143,946	1/2	131,898	1/2	119,835	1/2	107,773	1/2	95,711	1/2	83,647
3/4	3/4	3/4	3/4	3/4	167,607	3/4	155,691	3/4	143,696	3/4	131,646	3/4	119,584	3/4	107,522	3/4	95,460	3/4	83,396
6		6		6	167,381	6	155,441	6	143,446	6	131,395	6	119,333	6	107,271	6	95,209	6	83,145
1/4	1/4	1/4	1/4	1/4	167,133	1/4	155,191	1/4	143,196	1/4	131,144	1/4	119,082	1/4	107,019	1/4	94,957	1/4	82,893
1/2	1/2	1/2	1/2	1/2	166,885	1/2	154,941	1/2	142,946	1/2	130,892	1/2	118,830	1/2	106,768	1/2	94,706	1/2	82,642
3/4	3/4	3/4	3/4	3/4	166,638	3/4	154,691	3/4	142,696	3/4	130,641	3/4	118,579	3/4	106,517	3/4	94,455	3/4	82,391
7		7		7	166,390	7	154,441	7	142,446	7	130,390	7	118,328	7	106,266	7	94,203	7	82,139
1/4	1/4	1/4	1/4	1/4	166,143	1/4	154,192	1/4	142,196	1/4	130,139	1/4	118,076	1/4	106,014	1/4	93,952	1/4	81,888
1/2	1/2	1/2	1/2	1/2	165,895	1/2	153,942	1/2	141,947	1/2	129,887	1/2	117,825	1/2	105,763	1/2	93,701	1/2	81,637
3/4	3/4	3/4	3/4	3/4	165,648	3/4	153,692	3/4	141,697	3/4	129,636	3/4	117,574	3/4	105,512	3/4	93,450	3/4	81,385
8		8		8	165,400	8	153,442	8	141,447	8	129,385	8	117,323	8	105,260	8	93,198	8	81,134
1/4	1/4	1/4	1/4	1/4	165,152	1/4	153,192	1/4	141,195	1/4	129,133	1/4	117,071	1/4	105,009	1/4	92,947	1/4	80,883
1/2	1/2	1/2	1/2	1/2	164,905	1/2	152,942	1/2	140,944	1/2	128,882	1/2	116,820	1/2	104,758	1/2	92,696	1/2	80,631
3/4	3/4	3/4	3/4	3/4	164,657	3/4	152,692	3/4	140,693	3/4	128,631	3/4	116,569	3/4	104,506	3/4	92,444	3/4	80,380
9		9		9	164,410	9	152,442	9	140,442	9	128,379	9	116,317	9	104,255	9	92,193	9	80,129
1/4	1/4	1/4	1/4	1/4	164,162	1/4	152,192	1/4	140,190	1/4	128,128	1/4	116,066	1/4	104,004	1/4	91,942	1/4	79,877
1/2	1/2	1/2	1/2	1/2	163,914	1/2	151,942	1/2	139,939	1/2	127,877	1/2	115,815	1/2	103,753	1/2	91,690	1/2	79,626
3/4	3/4	3/4	3/4	3/4	163,667	3/4	151,693	3/4	139,688	3/4	127,626	3/4	115,563	3/4	103,501	3/4	91,439	3/4	79,375
10		10		10	163,419	10	151,443	10	139,436	10	127,374	10	115,312	10	103,250	10	91,188	10	79,123
1/4	1/4	1/4	1/4	1/4	163,172	1/4	151,193	1/4	139,185	1/4	127,123	1/4	115,061	1/4	102,999	1/4	90,936	1/4	78,872
1/2	1/2	1/2	1/2	1/2	162,924	1/2	150,943	1/2	138,934	1/2	126,872	1/2	114,810	1/2	102,747	1/2	90,685	1/2	78,621
3/4	3/4	3/4	3/4	3/4	162,676	3/4	150,693	3/4	138,683	3/4	126,620	3/4	114,558	3/4	102,496	3/4	90,434	3/4	78,369
11		11		11	162,429	11	150,443	11	138,431	11	126,369	11	114,307	11	102,245	11	90,182	11	78,118
1/4	1/4	1/4	1/4	1/4	162,181	1/4	150,193	1/4	138,180	1/4	126,118	1/4	114,056	1/4	101,994	1/4	89,931	1/4	77,867
1/2	1/2	1/2	1/2	1/2	161,934	1/2	149,943	1/2	137,929	1/2	125,867	1/2	113,804	1/2	101,742	1/2	89,680	1/2	77,615
3/4	3/4	3/4	3/4	3/4	161,686	3/4	149,693	3/4	137,677	3/4	125,615	3/4	113,553	3/4	101,491	3/4	89,428	3/4	77,364

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 1342"

## 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	77,113	0	65,048	0	52,984	0	40,920	0	29,121	0	17,086	0	5,032	0		0		0	
1/4	76,861	1/4	64,797	1/4	52,733	1/4	40,669	1/4	28,877	1/4	16,834	1/4	4,783	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,610	1/2	64,546	1/2	52,482	1/2	40,417	1/2	28,633	1/2	16,583	1/2	4,535	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,359	3/4	64,294	3/4	52,230	3/4	40,166	3/4	28,388	3/4	16,332	3/4	4,286	3/4	3/4	3/4	3/4	3/4	3/4
1	76,107	1	64,043	1	51,979	1	39,915	1	28,144	1	16,080	1	4,038	1	1	1	1	1	1
1/4	75,856	1/4	63,792	1/4	51,728	1/4	39,663	1/4	27,893	1/4	15,829	1/4	3,791	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,605	1/2	63,540	1/2	51,476	1/2	39,412	1/2	27,641	1/2	15,578	1/2	3,545	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,353	3/4	63,289	3/4	51,225	3/4	39,161	3/4	27,390	3/4	15,326	3/4	3,299	3/4	3/4	3/4	3/4	3/4	3/4
2	75,102	2	63,038	2	50,974	2	38,909	2	27,139	2	15,075	2	3,052	2	2	2	2	2	2
1/4	74,851	1/4	62,786	1/4	50,722	1/4	38,658	1/4	26,887	1/4	14,824	1/4	2,823	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,599	1/2	62,535	1/2	50,471	1/2	38,407	1/2	26,636	1/2	14,572	1/2	2,593	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,348	3/4	62,284	3/4	50,220	3/4	38,155	3/4	26,385	3/4	14,321	3/4	2,363	3/4	3/4	3/4	3/4	3/4	3/4
3	74,097	3	62,032	3	49,968	3	37,904	3	26,133	3	14,070	3	2,134	3	3	3	3	3	3
1/4	73,845	1/4	61,781	1/4	49,717	1/4	37,660	1/4	25,882	1/4	13,818	1/4	1,945	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,594	1/2	61,530	1/2	49,466	1/2	37,415	1/2	25,631	1/2	13,567	1/2	1,757	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,343	3/4	61,278	3/4	49,214	3/4	37,171	3/4	25,379	3/4	13,316	3/4	1,568	3/4	3/4	3/4	3/4	3/4	3/4
4	73,091	4	61,027	4	48,963	4	36,927	4	25,128	4	13,064	4	1,380	4	4	4	4	4	4
1/4	72,840	1/4	60,776	1/4	48,712	1/4	36,683	1/4	24,877	1/4	12,813	1/4	1,233	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,589	1/2	60,524	1/2	48,460	1/2	36,439	1/2	24,625	1/2	12,562	1/2	1,086	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,337	3/4	60,273	3/4	48,209	3/4	36,195	3/4	24,374	3/4	12,310	3/4	940	3/4	3/4	3/4	3/4	3/4	3/4
5	72,086	5	60,022	5	47,958	5	35,951	5	24,123	5	12,059	5	793	5	5	5	5	5	5
1/4	71,835	1/4	59,770	1/4	47,706	1/4	35,707	1/4	23,871	1/4	11,808	1/4	688	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,583	1/2	59,519	1/2	47,455	1/2	35,463	1/2	23,620	1/2	11,556	1/2	584	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,332	3/4	59,268	3/4	47,203	3/4	35,219	3/4	23,369	3/4	11,305	3/4	479	3/4	3/4	3/4	3/4	3/4	3/4
6	71,081	6	59,016	6	46,952	6	34,975	6	23,117	6	11,054	6	374	6	6	6	6	6	6
1/4	70,829	1/4	58,765	1/4	46,701	1/4	34,732	1/4	22,866	1/4	10,802	1/4	311	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,578	1/2	58,514	1/2	46,449	1/2	34,488	1/2	22,615	1/2	10,551	1/2	249	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,327	3/4	58,262	3/4	46,198	3/4	34,244	3/4	22,364	3/4	10,300	3/4	186	3/4	3/4	3/4	3/4	3/4	3/4
7	70,075	7	58,011	7	45,947	7	34,000	7	22,112	7	10,048	7	123	7	7	7	7	7	7
1/4	69,824	1/4	57,760	1/4	45,695	1/4	33,756	1/4	21,861	1/4	9,797	1/4	102	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,573	1/2	57,508	1/2	45,444	1/2	33,512	1/2	21,610	1/2	9,546	1/2	81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,321	3/4	57,257	3/4	45,193	3/4	33,268	3/4	21,358	3/4	9,294	3/4	60	3/4	3/4	3/4	3/4	3/4	3/4
8	69,070	8	57,006	8	44,941	8	33,024	8	21,107	8	9,043	8	39	8	8	8	8	8	8
1/4	68,819	1/4	56,754	1/4	44,690	1/4	32,780	1/4	20,856	1/4	8,792	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,567	1/2	56,503	1/2	44,439	1/2	32,536	1/2	20,604	1/2	8,540	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,316	3/4	56,252	3/4	44,187	3/4	32,292	3/4	20,353	3/4	8,289	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	68,065	9	56,000	9	43,936	9	32,048	9	20,102	9	8,038	9		9	9	9	9	9	9
1/4	67,813	1/4	55,749	1/4	43,685	1/4	31,804	1/4	19,850	1/4	7,787	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,562	1/2	55,498	1/2	43,433	1/2	31,560	1/2	19,599	1/2	7,536	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,310	3/4	55,246	3/4	43,182	3/4	31,317	3/4	19,348	3/4	7,285	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,059	10	54,995	10	42,931	10	31,073	10	19,096	10	7,033	10		10	10	10	10	10	10
1/4	66,808	1/4	54,744	1/4	42,679	1/4	30,829	1/4	18,845	1/4	6,783	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,556	1/2	54,492	1/2	42,428	1/2	30,585	1/2	18,594	1/2	6,532	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,305	3/4	54,241	3/4	42,177	3/4	30,341	3/4	18,342	3/4	6,282	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,054	11	53,990	11	41,925	11	30,097	11	18,091	11	6,031	11		11	11	11	11	11	11
1/4	65,802	1/4	53,738	1/4	41,674	1/4	29,853	1/4	17,840	1/4	5,781	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,551	1/2	53,487	1/2	41,423	1/2	29,609	1/2	17,588	1/2	5,531	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,300	3/4	53,236	3/4	41,171	3/4	29,365	3/4	17,337	3/4	5,282	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2012 CL - SW  
CALCULATED: 01/03/2012 CL  
PRINTED: 01/03/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2012

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 1342"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	151,584	0	143,495	0	132,833	0	122,151	0	111,431	0	100,711	0	89,991	0	79,270
1/4	1/4	1/4	1/4	1/4	151,568	1/4	143,273	1/4	132,611	1/4	121,928	1/4	111,208	1/4	100,488	1/4	89,768	1/4	79,047
1/2	1/2	1/2	1/2	1/2	151,553	1/2	143,050	1/2	132,389	1/2	121,705	1/2	110,985	1/2	100,265	1/2	89,544	1/2	78,824
3/4	3/4	3/4	3/4	3/4	151,538	3/4	142,828	3/4	132,167	3/4	121,481	3/4	110,761	3/4	100,041	3/4	89,321	3/4	78,600
1	1	1	1	1	151,485	1	142,606	1	131,945	1	121,258	1	110,538	1	99,818	1	89,098	1	78,377
1/4	1/4	1/4	1/4	1/4	151,433	1/4	142,384	1/4	131,723	1/4	121,035	1/4	110,315	1/4	99,595	1/4	88,874	1/4	78,154
1/2	1/2	1/2	1/2	1/2	151,380	1/2	142,162	1/2	131,501	1/2	120,811	1/2	110,091	1/2	99,371	1/2	88,651	1/2	77,930
3/4	3/4	3/4	3/4	3/4	151,328	3/4	141,940	3/4	131,279	3/4	120,588	3/4	109,868	3/4	99,148	3/4	88,428	3/4	77,707
2	2	2	2	2	151,238	2	141,718	2	131,057	2	120,365	2	109,645	2	98,925	2	88,204	2	77,483
1/4	1/4	1/4	1/4	1/4	151,148	1/4	141,496	1/4	130,834	1/4	120,141	1/4	109,421	1/4	98,701	1/4	87,981	1/4	77,260
1/2	1/2	1/2	1/2	1/2	151,058	1/2	141,274	1/2	130,612	1/2	119,918	1/2	109,198	1/2	98,478	1/2	87,758	1/2	77,037
3/4	3/4	3/4	3/4	3/4	150,969	3/4	141,051	3/4	130,390	3/4	119,695	3/4	108,975	3/4	98,255	3/4	87,534	3/4	76,813
3	3	3	3	3	150,842	3	140,829	3	130,168	3	119,471	3	108,751	3	98,031	3	87,311	3	76,590
1/4	1/4	1/4	1/4	1/4	150,715	1/4	140,607	1/4	129,946	1/4	119,248	1/4	108,528	1/4	97,808	1/4	87,088	1/4	76,367
1/2	1/2	1/2	1/2	1/2	150,588	1/2	140,385	1/2	129,724	1/2	119,025	1/2	108,305	1/2	97,585	1/2	86,864	1/2	76,143
3/4	3/4	3/4	3/4	3/4	150,461	3/4	140,163	3/4	129,502	3/4	118,801	3/4	108,081	3/4	97,361	3/4	86,641	3/4	75,920
4	4	4	4	4	150,297	4	139,941	4	129,280	4	118,578	4	107,858	4	97,138	4	86,418	4	75,697
1/4	1/4	1/4	1/4	1/4	150,132	1/4	139,719	1/4	129,058	1/4	118,355	1/4	107,635	1/4	96,915	1/4	86,194	1/4	75,473
1/2	1/2	1/2	1/2	1/2	149,968	1/2	139,497	1/2	128,835	1/2	118,131	1/2	107,411	1/2	96,691	1/2	85,971	1/2	75,250
3/4	3/4	3/4	3/4	3/4	149,804	3/4	139,275	3/4	128,613	3/4	117,908	3/4	107,188	3/4	96,468	3/4	85,748	3/4	75,026
5	5	5	5	5	149,602	5	139,052	5	128,391	5	117,685	5	106,965	5	96,245	5	85,524	5	74,803
1/4	1/4	1/4	1/4	1/4	149,401	1/4	138,830	1/4	128,169	1/4	117,461	1/4	106,741	1/4	96,021	1/4	85,301	1/4	74,580
1/2	1/2	1/2	1/2	1/2	149,200	1/2	138,608	1/2	127,947	1/2	117,238	1/2	106,518	1/2	95,798	1/2	85,078	1/2	74,356
3/4	3/4	3/4	3/4	3/4	148,998	3/4	138,386	3/4	127,725	3/4	117,015	3/4	106,295	3/4	95,575	3/4	84,854	3/4	74,133
6	6	6	6	6	148,778	6	138,164	6	127,503	6	116,791	6	106,071	6	95,351	6	84,631	6	73,910
1/4	1/4	1/4	1/4	1/4	148,558	1/4	137,942	1/4	127,281	1/4	116,568	1/4	105,848	1/4	95,128	1/4	84,408	1/4	73,686
1/2	1/2	1/2	1/2	1/2	148,338	1/2	137,720	1/2	127,059	1/2	116,345	1/2	105,625	1/2	94,905	1/2	84,184	1/2	73,463
3/4	3/4	3/4	3/4	3/4	148,118	3/4	137,498	3/4	126,836	3/4	116,121	3/4	105,401	3/4	94,681	3/4	83,961	3/4	73,239
7	7	7	7	7	147,898	7	137,276	7	126,614	7	115,898	7	105,178	7	94,458	7	83,738	7	73,016
1/4	1/4	1/4	1/4	1/4	147,678	1/4	137,053	1/4	126,392	1/4	115,675	1/4	104,955	1/4	94,235	1/4	83,514	1/4	72,793
1/2	1/2	1/2	1/2	1/2	147,458	1/2	136,831	1/2	126,170	1/2	115,451	1/2	104,731	1/2	94,011	1/2	83,291	1/2	72,569
3/4	3/4	3/4	3/4	3/4	147,238	3/4	136,609	3/4	125,948	3/4	115,228	3/4	104,508	3/4	93,788	3/4	83,068	3/4	72,346
8	8	8	8	8	147,018	8	136,387	8	125,725	8	115,005	8	104,285	8	93,565	8	82,844	8	72,123
1/4	1/4	1/4	1/4	1/4	146,798	1/4	136,165	1/4	125,501	1/4	114,781	1/4	104,061	1/4	93,341	1/4	82,621	1/4	71,899
1/2	1/2	1/2	1/2	1/2	146,578	1/2	135,943	1/2	125,278	1/2	114,558	1/2	103,838	1/2	93,118	1/2	82,398	1/2	71,676
3/4	3/4	3/4	3/4	3/4	146,357	3/4	135,721	3/4	125,055	3/4	114,335	3/4	103,615	3/4	92,895	3/4	82,174	3/4	71,452
9	9	9	9	9	146,137	9	135,499	9	124,831	9	114,111	9	103,391	9	92,671	9	81,951	9	71,229
1/4	1/4	1/4	1/4	1/4	145,917	1/4	135,277	1/4	124,608	1/4	113,888	1/4	103,168	1/4	92,448	1/4	81,728	1/4	71,006
1/2	1/2	1/2	1/2	1/2	145,697	1/2	135,054	1/2	124,385	1/2	113,665	1/2	102,945	1/2	92,225	1/2	81,504	1/2	70,782
3/4	3/4	3/4	3/4	3/4	145,477	3/4	134,832	3/4	124,161	3/4	113,441	3/4	102,721	3/4	92,001	3/4	81,281	3/4	70,559
10	10	10	10	10	145,257	10	134,610	10	123,938	10	113,218	10	102,498	10	91,778	10	81,057	10	70,336
1/4	1/4	1/4	1/4	1/4	145,037	1/4	134,388	1/4	123,715	1/4	112,995	1/4	102,275	1/4	91,555	1/4	80,834	1/4	70,112
1/2	1/2	1/2	1/2	1/2	144,817	1/2	134,166	1/2	123,491	1/2	112,771	1/2	102,051	1/2	91,331	1/2	80,611	1/2	69,889
3/4	3/4	3/4	3/4	3/4	144,597	3/4	133,944	3/4	123,268	3/4	112,548	3/4	101,828	3/4	91,108	3/4	80,387	3/4	69,665
11	11	11	11	11	144,377	11	133,722	11	123,045	11	112,325	11	101,605	11	90,885	11	80,164	11	69,442
1/4	1/4	1/4	1/4	1/4	144,157	1/4	133,500	1/4	122,821	1/4	112,101	1/4	101,381	1/4	90,661	1/4	79,941	1/4	69,219
1/2	1/2	1/2	1/2	1/2	143,937	1/2	133,278	1/2	122,598	1/2	111,878	1/2	101,158	1/2	90,438	1/2	79,717	1/2	68,995
3/4	3/4	3/4	3/4	3/4	151,599	3/4	143,717	3/4	133,056	3/4	122,375	3/4	111,655	3/4	100,935	3/4	90,214	3/4	79,772

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1342"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,549	0	57,827	0	47,105	0	36,383	0	25,684	0	14,966	0	4,255	0		0		0	
1/4	68,325	1/4	57,603	1/4	46,882	1/4	36,160	1/4	25,461	1/4	14,742	1/4	4,035	1/4	1/4		1/4		1/4
1/2	68,102	1/2	57,380	1/2	46,658	1/2	35,936	1/2	25,238	1/2	14,519	1/2	3,814	1/2	1/2		1/2		1/2
3/4	67,878	3/4	57,157	3/4	46,435	3/4	35,713	3/4	25,015	3/4	14,295	3/4	3,593	3/4	3/4		3/4		3/4
1	67,655	1	56,933	1	46,211	1	35,490	1	24,792	1	14,072	1	3,374	1	1		1		1
1/4	67,432	1/4	56,710	1/4	45,988	1/4	35,266	1/4	24,569	1/4	13,849	1/4	3,155	1/4	1/4		1/4		1/4
1/2	67,208	1/2	56,487	1/2	45,765	1/2	35,043	1/2	24,346	1/2	13,625	1/2	2,936	1/2	1/2		1/2		1/2
3/4	66,985	3/4	56,263	3/4	45,541	3/4	34,819	3/4	24,123	3/4	13,402	3/4	2,717	3/4	3/4		3/4		3/4
2	66,762	2	56,040	2	45,318	2	34,596	2	23,900	2	13,179	2	2,513	2	2		2		2
1/4	66,538	1/4	55,816	1/4	45,095	1/4	34,373	1/4	23,677	1/4	12,955	1/4	2,309	1/4	1/4		1/4		1/4
1/2	66,315	1/2	55,593	1/2	44,871	1/2	34,149	1/2	23,453	1/2	12,732	1/2	2,105	1/2	1/2		1/2		1/2
3/4	66,092	3/4	55,370	3/4	44,648	3/4	33,926	3/4	23,230	3/4	12,509	3/4	1,901	3/4	3/4		3/4		3/4
3	65,868	3	55,146	3	44,424	3	33,703	3	23,007	3	12,285	3	1,733	3	3		3		3
1/4	65,645	1/4	54,923	1/4	44,201	1/4	33,479	1/4	22,783	1/4	12,062	1/4	1,566	1/4	1/4		1/4		1/4
1/2	65,421	1/2	54,700	1/2	43,978	1/2	33,256	1/2	22,560	1/2	11,838	1/2	1,398	1/2	1/2		1/2		1/2
3/4	65,198	3/4	54,476	3/4	43,754	3/4	33,032	3/4	22,337	3/4	11,615	3/4	1,230	3/4	3/4		3/4		3/4
4	64,975	4	54,253	4	43,531	4	32,810	4	22,113	4	11,392	4	1,100	4	4		4		4
1/4	64,751	1/4	54,029	1/4	43,308	1/4	32,587	1/4	21,890	1/4	11,168	1/4	970	1/4	1/4		1/4		1/4
1/2	64,528	1/2	53,806	1/2	43,084	1/2	32,364	1/2	21,666	1/2	10,945	1/2	840	1/2	1/2		1/2		1/2
3/4	64,305	3/4	53,583	3/4	42,861	3/4	32,142	3/4	21,443	3/4	10,722	3/4	709	3/4	3/4		3/4		3/4
5	64,081	5	53,359	5	42,637	5	31,919	5	21,220	5	10,498	5	616	5	5		5		5
1/4	63,858	1/4	53,136	1/4	42,414	1/4	31,697	1/4	20,996	1/4	10,275	1/4	523	1/4	1/4		1/4		1/4
1/2	63,634	1/2	52,913	1/2	42,191	1/2	31,474	1/2	20,773	1/2	10,052	1/2	430	1/2	1/2		1/2		1/2
3/4	63,411	3/4	52,689	3/4	41,967	3/4	31,251	3/4	20,550	3/4	9,828	3/4	337	3/4	3/4		3/4		3/4
6	63,188	6	52,466	6	41,744	6	31,029	6	20,326	6	9,605	6	281	6	6		6		6
1/4	62,964	1/4	52,242	1/4	41,521	1/4	30,806	1/4	20,103	1/4	9,381	1/4	225	1/4	1/4		1/4		1/4
1/2	62,741	1/2	52,019	1/2	41,297	1/2	30,583	1/2	19,880	1/2	9,158	1/2	170	1/2	1/2		1/2		1/2
3/4	62,518	3/4	51,796	3/4	41,074	3/4	30,361	3/4	19,656	3/4	8,935	3/4	114	3/4	3/4		3/4		3/4
7	62,294	7	51,572	7	40,850	7	30,138	7	19,433	7	8,711	7	95	7	7		7		7
1/4	62,071	1/4	51,349	1/4	40,627	1/4	29,915	1/4	19,209	1/4	8,488	1/4	77	1/4	1/4		1/4		1/4
1/2	61,847	1/2	51,126	1/2	40,404	1/2	29,693	1/2	18,986	1/2	8,265	1/2	58	1/2	1/2		1/2		1/2
3/4	61,624	3/4	50,902	3/4	40,180	3/4	29,470	3/4	18,763	3/4	8,041	3/4	39	3/4	3/4		3/4		3/4
8	61,401	8	50,679	8	39,957	8	29,247	8	18,539	8	7,818	8		8	8		8		8
1/4	61,177	1/4	50,455	1/4	39,734	1/4	29,025	1/4	18,316	1/4	7,595	1/4		1/4	1/4		1/4		1/4
1/2	60,954	1/2	50,232	1/2	39,510	1/2	28,802	1/2	18,093	1/2	7,371	1/2		1/2	1/2		1/2		1/2
3/4	60,731	3/4	50,009	3/4	39,287	3/4	28,579	3/4	17,869	3/4	7,148	3/4		3/4	3/4		3/4		3/4
9	60,507	9	49,785	9	39,063	9	28,357	9	17,646	9	6,925	9		9	9		9		9
1/4	60,284	1/4	49,562	1/4	38,840	1/4	28,134	1/4	17,423	1/4	6,702	1/4		1/4	1/4		1/4		1/4
1/2	60,060	1/2	49,339	1/2	38,617	1/2	27,911	1/2	17,199	1/2	6,478	1/2		1/2	1/2		1/2		1/2
3/4	59,837	3/4	49,115	3/4	38,393	3/4	27,689	3/4	16,976	3/4	6,255	3/4		3/4	3/4		3/4		3/4
10	59,614	10	48,892	10	38,170	10	27,466	10	16,752	10	6,033	10		10	10		10		10
1/4	59,390	1/4	48,668	1/4	37,947	1/4	27,243	1/4	16,529	1/4	5,810	1/4		1/4	1/4		1/4		1/4
1/2	59,167	1/2	48,445	1/2	37,723	1/2	27,021	1/2	16,306	1/2	5,587	1/2		1/2	1/2		1/2		1/2
3/4	58,944	3/4	48,222	3/4	37,500	3/4	26,798	3/4	16,082	3/4	5,364	3/4		3/4	3/4		3/4		3/4
11	58,720	11	47,998	11	37,277	11	26,575	11	15,859	11	5,142	11		11	11		11		11
1/4	58,497	1/4	47,775	1/4	37,053	1/4	26,353	1/4	15,636	1/4	4,920	1/4		1/4	1/4		1/4		1/4
1/2	58,273	1/2	47,552	1/2	36,830	1/2	26,130	1/2	15,412	1/2	4,698	1/2		1/2	1/2		1/2		1/2
3/4	58,050	3/4	47,328	3/4	36,606	3/4	25,908	3/4	15,189	3/4	4,476	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRINTED: 01/03/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2012

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