



# BARGE "CBC 1345"

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

March 21, 2012

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

<http://www.pmacorp.net>



# BARGE "CBC 1345"

# 1 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	8,089	0	18,876	0	29,512	0	40,177	0	50,936	0	61,694	0	72,430	0	83,167	0	93,929
1/4	58	1/4	8,314	1/4	19,101	1/4	29,730	1/4	40,402	1/4	51,160	1/4	61,919	1/4	72,652	1/4	83,391	1/4	94,153
1/2	77	1/2	8,539	1/2	19,325	1/2	29,949	1/2	40,626	1/2	51,384	1/2	62,143	1/2	72,875	1/2	83,615	1/2	94,377
3/4	96	3/4	8,764	3/4	19,550	3/4	30,167	3/4	40,850	3/4	51,608	3/4	62,367	3/4	73,098	3/4	83,839	3/4	94,601
1	114	1	8,988	1	19,775	1	30,385	1	41,074	1	51,832	1	62,591	1	73,321	1	84,064	1	94,825
1/4	170	1/4	9,213	1/4	19,999	1/4	30,604	1/4	41,298	1/4	52,057	1/4	62,815	1/4	73,544	1/4	84,288	1/4	95,050
1/2	227	1/2	9,438	1/2	20,224	1/2	30,822	1/2	41,522	1/2	52,281	1/2	63,039	1/2	73,766	1/2	84,512	1/2	95,274
3/4	283	3/4	9,662	3/4	20,449	3/4	31,040	3/4	41,746	3/4	52,505	3/4	63,263	3/4	73,989	3/4	84,736	3/4	95,498
2	339	2	9,887	2	20,674	2	31,259	2	41,971	2	52,729	2	63,487	2	74,212	2	84,960	2	95,722
1/4	433	1/4	10,112	1/4	20,898	1/4	31,477	1/4	42,195	1/4	52,953	1/4	63,712	1/4	74,435	1/4	85,185	1/4	95,946
1/2	526	1/2	10,337	1/2	21,123	1/2	31,695	1/2	42,419	1/2	53,177	1/2	63,936	1/2	74,658	1/2	85,409	1/2	96,171
3/4	620	3/4	10,561	3/4	21,348	3/4	31,913	3/4	42,643	3/4	53,401	3/4	64,160	3/4	74,880	3/4	85,633	3/4	96,395
3	713	3	10,786	3	21,572	3	32,132	3	42,867	3	53,626	3	64,384	3	75,103	3	85,857	3	96,619
1/4	844	1/4	11,011	1/4	21,797	1/4	32,350	1/4	43,091	1/4	53,850	1/4	64,608	1/4	75,326	1/4	86,081	1/4	96,843
1/2	976	1/2	11,235	1/2	22,022	1/2	32,568	1/2	43,315	1/2	54,074	1/2	64,832	1/2	75,549	1/2	86,306	1/2	97,067
3/4	1,107	3/4	11,460	3/4	22,247	3/4	32,787	3/4	43,539	3/4	54,298	3/4	65,056	3/4	75,771	3/4	86,530	3/4	97,292
4	1,238	4	11,685	4	22,471	4	33,005	4	43,764	4	54,522	4	65,281	4	75,994	4	86,754	4	97,516
1/4	1,406	1/4	11,910	1/4	22,696	1/4	33,229	1/4	43,988	1/4	54,746	1/4	65,505	1/4	76,218	1/4	86,978	1/4	97,740
1/2	1,575	1/2	12,134	1/2	22,921	1/2	33,453	1/2	44,212	1/2	54,970	1/2	65,729	1/2	76,441	1/2	87,203	1/2	97,964
3/4	1,743	3/4	12,359	3/4	23,145	3/4	33,678	3/4	44,436	3/4	55,194	3/4	65,953	3/4	76,665	3/4	87,427	3/4	98,189
5	1,912	5	12,584	5	23,370	5	33,902	5	44,660	5	55,419	5	66,177	5	76,888	5	87,651	5	98,413
1/4	2,117	1/4	12,809	1/4	23,595	1/4	34,126	1/4	44,884	1/4	55,643	1/4	66,401	1/4	77,112	1/4	87,875	1/4	98,637
1/2	2,322	1/2	13,033	1/2	23,820	1/2	34,350	1/2	45,108	1/2	55,867	1/2	66,625	1/2	77,337	1/2	88,099	1/2	98,861
3/4	2,528	3/4	13,258	3/4	24,044	3/4	34,574	3/4	45,333	3/4	56,091	3/4	66,850	3/4	77,561	3/4	88,324	3/4	99,085
6	2,733	6	13,483	6	24,269	6	34,798	6	45,557	6	56,315	6	67,074	6	77,785	6	88,548	6	99,310
1/4	2,953	1/4	13,707	1/4	24,488	1/4	35,022	1/4	45,781	1/4	56,539	1/4	67,297	1/4	78,009	1/4	88,772	1/4	99,534
1/2	3,174	1/2	13,932	1/2	24,706	1/2	35,246	1/2	46,005	1/2	56,763	1/2	67,521	1/2	78,234	1/2	88,996	1/2	99,758
3/4	3,394	3/4	14,157	3/4	24,925	3/4	35,471	3/4	46,229	3/4	56,988	3/4	67,744	3/4	78,458	3/4	89,220	3/4	99,982
7	3,614	7	14,382	7	25,144	7	35,695	7	46,453	7	57,212	7	67,968	7	78,682	7	89,445	7	100,206
1/4	3,836	1/4	14,606	1/4	25,363	1/4	35,919	1/4	46,677	1/4	57,436	1/4	68,191	1/4	78,906	1/4	89,669	1/4	100,431
1/2	4,058	1/2	14,831	1/2	25,581	1/2	36,143	1/2	46,901	1/2	57,660	1/2	68,415	1/2	79,131	1/2	89,893	1/2	100,655
3/4	4,281	3/4	15,056	3/4	25,800	3/4	36,367	3/4	47,126	3/4	57,884	3/4	68,638	3/4	79,355	3/4	90,117	3/4	100,879
8	4,503	8	15,280	8	26,019	8	36,591	8	47,350	8	58,108	8	68,862	8	79,579	8	90,341	8	101,103
1/4	4,726	1/4	15,505	1/4	26,237	1/4	36,815	1/4	47,574	1/4	58,332	1/4	69,086	1/4	79,803	1/4	90,566	1/4	101,327
1/2	4,950	1/2	15,730	1/2	26,455	1/2	37,040	1/2	47,798	1/2	58,557	1/2	69,309	1/2	80,028	1/2	90,790	1/2	101,552
3/4	5,173	3/4	15,955	3/4	26,674	3/4	37,264	3/4	48,022	3/4	58,781	3/4	69,533	3/4	80,252	3/4	91,014	3/4	101,776
9	5,396	9	16,179	9	26,892	9	37,488	9	48,246	9	59,005	9	69,756	9	80,476	9	91,238	9	102,000
1/4	5,620	1/4	16,404	1/4	27,110	1/4	37,712	1/4	48,470	1/4	59,229	1/4	69,979	1/4	80,700	1/4	91,462	1/4	102,224
1/2	5,844	1/2	16,629	1/2	27,329	1/2	37,936	1/2	48,695	1/2	59,453	1/2	70,202	1/2	80,924	1/2	91,687	1/2	102,448
3/4	6,069	3/4	16,853	3/4	27,547	3/4	38,160	3/4	48,919	3/4	59,677	3/4	70,425	3/4	81,149	3/4	91,911	3/4	102,673
10	6,293	10	17,078	10	27,765	10	38,384	10	49,143	10	59,901	10	70,647	10	81,373	10	92,135	10	102,897
1/4	6,517	1/4	17,303	1/4	27,984	1/4	38,608	1/4	49,367	1/4	60,125	1/4	70,870	1/4	81,597	1/4	92,359	1/4	103,121
1/2	6,742	1/2	17,528	1/2	28,202	1/2	38,833	1/2	49,591	1/2	60,350	1/2	71,093	1/2	81,821	1/2	92,583	1/2	103,345
3/4	6,966	3/4	17,752	3/4	28,420	3/4	39,057	3/4	49,815	3/4	60,574	3/4	71,316	3/4	82,046	3/4	92,808	3/4	103,569
11	7,191	11	17,977	11	28,639	11	39,281	11	50,039	11	60,798	11	71,539	11	82,270	11	93,032	11	103,794
1/4	7,415	1/4	18,202	1/4	28,857	1/4	39,505	1/4	50,264	1/4	61,022	1/4	71,761	1/4	82,494	1/4	93,256	1/4	104,018
1/2	7,640	1/2	18,426	1/2	29,075	1/2	39,729	1/2	50,488	1/2	61,246	1/2	71,984	1/2	82,718	1/2	93,480	1/2	104,242
3/4	7,865	3/4	18,651	3/4	29,294	3/4	39,953	3/4	50,712	3/4	61,470	3/4	72,207	3/4	82,943	3/4	93,704	3/4	104,466

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

<http://www.pmacorp.net>



# BARGE "CBC 1345"

## 1 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	104,690	0	114,789	0	124,247	0	133,662	0	143,062	0		0		0		0		0	
1/4	104,914	1/4	114,986	1/4	124,443	1/4	133,859	1/4	143,256	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,138	1/2	115,183	1/2	124,640	1/2	134,055	1/2	143,451	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,362	3/4	115,380	3/4	124,836	3/4	134,252	3/4	143,645	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,586	1	115,577	1	125,033	1	134,448	1	143,839	1	1	1	1	1	1	1	1	1	1
1/4	105,810	1/4	115,774	1/4	125,229	1/4	134,645	1/4	144,034	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,034	1/2	115,971	1/2	125,426	1/2	134,841	1/2	144,228	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,258	3/4	116,168	3/4	125,622	3/4	135,038	3/4	144,423	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,482	2	116,365	2	125,819	2	135,234	2	144,617	2	2	2	2	2	2	2	2	2	2
1/4	106,706	1/4	116,562	1/4	126,015	1/4	135,431	1/4	144,820	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,930	1/2	116,759	1/2	126,212	1/2	135,627	1/2	145,024	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,154	3/4	116,956	3/4	126,408	3/4	135,824	3/4	145,227	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,378	3	117,153	3	126,605	3	136,020	3	145,430	3	3	3	3	3	3	3	3	3	3
1/4	107,602	1/4	117,350	1/4	126,801	1/4	136,217	1/4	145,596	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,826	1/2	117,548	1/2	126,998	1/2	136,413	1/2	145,762	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,050	3/4	117,745	3/4	127,194	3/4	136,610	3/4	145,928	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,274	4	117,942	4	127,391	4	136,806	4	146,094	4	4	4	4	4	4	4	4	4	4
1/4	108,498	1/4	118,139	1/4	127,587	1/4	137,003	1/4	146,222	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,722	1/2	118,336	1/2	127,784	1/2	137,199	1/2	146,351	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,946	3/4	118,533	3/4	127,980	3/4	137,396	3/4	146,479	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,170	5	118,730	5	128,177	5	137,592	5	146,608	5	5	5	5	5	5	5	5	5	5
1/4	109,394	1/4	118,927	1/4	128,373	1/4	137,789	1/4	146,699	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,617	1/2	119,124	1/2	128,570	1/2	137,986	1/2	146,790	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,841	3/4	119,321	3/4	128,766	3/4	138,182	3/4	146,881	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,065	6	119,518	6	128,963	6	138,379	6	146,972	6	6	6	6	6	6	6	6	6	6
1/4	110,262	1/4	119,715	1/4	129,159	1/4	138,575	1/4	147,025	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,459	1/2	119,912	1/2	129,355	1/2	138,772	1/2	147,079	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,656	3/4	120,109	3/4	129,550	3/4	138,968	3/4	147,132	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,853	7	120,306	7	129,746	7	139,165	7	147,186	7	7	7	7	7	7	7	7	7	7
1/4	111,049	1/4	120,503	1/4	129,942	1/4	139,361	1/4	147,202	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,246	1/2	120,700	1/2	130,138	1/2	139,558	1/2	147,218	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,443	3/4	120,897	3/4	130,334	3/4	139,754	3/4	147,234	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,640	8	121,094	8	130,529	8	139,951	8	147,250	8	8	8	8	8	8	8	8	8	8
1/4	111,837	1/4	121,291	1/4	130,725	1/4	140,145	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,034	1/2	121,488	1/2	130,921	1/2	140,339	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,230	3/4	121,685	3/4	131,117	3/4	140,534	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,427	9	121,882	9	131,313	9	140,728	9		9	9	9	9	9	9	9	9	9	9
1/4	112,624	1/4	122,079	1/4	131,508	1/4	140,923	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,821	1/2	122,276	1/2	131,704	1/2	141,117	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,018	3/4	122,473	3/4	131,900	3/4	141,312	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,214	10	122,670	10	132,096	10	141,506	10		10	10	10	10	10	10	10	10	10	10
1/4	113,411	1/4	122,867	1/4	132,292	1/4	141,701	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,608	1/2	123,064	1/2	132,487	1/2	141,895	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,805	3/4	123,261	3/4	132,683	3/4	142,089	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,002	11	123,459	11	132,879	11	142,284	11		11	11	11	11	11	11	11	11	11	11
1/4	114,199	1/4	123,656	1/4	133,075	1/4	142,478	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,395	1/2	123,853	1/2	133,271	1/2	142,673	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,592	3/4	124,050	3/4	133,466	3/4	142,867	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: 03/21/2012 CL - SW  
CALCULATED: 03/21/2012 CL  
PRINTED: 03/21/2012 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2012

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



# BARGE "CBC 1345"

## 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	9,050	0	21,123	0	33,050	0	44,976	0	57,050	0	69,123	0	81,197	0	93,270	0	105,342
1/4	60	1/4	9,302	1/4	21,375	1/4	33,294	1/4	45,228	1/4	57,301	1/4	69,375	1/4	81,448	1/4	93,522	1/4	105,593
1/2	81	1/2	9,553	1/2	21,626	1/2	33,538	1/2	45,479	1/2	57,553	1/2	69,626	1/2	81,700	1/2	93,773	1/2	105,845
3/4	102	3/4	9,805	3/4	21,878	3/4	33,782	3/4	45,731	3/4	57,804	3/4	69,878	3/4	81,951	3/4	94,025	3/4	106,096
1	123	1	10,056	1	22,129	1	34,026	1	45,982	1	58,056	1	70,129	1	82,203	1	94,276	1	106,348
1/4	186	1/4	10,308	1/4	22,381	1/4	34,270	1/4	46,234	1/4	58,307	1/4	70,381	1/4	82,455	1/4	94,528	1/4	106,599
1/2	249	1/2	10,559	1/2	22,632	1/2	34,514	1/2	46,485	1/2	58,559	1/2	70,633	1/2	82,706	1/2	94,779	1/2	106,851
3/4	312	3/4	10,811	3/4	22,884	3/4	34,758	3/4	46,737	3/4	58,811	3/4	70,884	3/4	82,958	3/4	95,031	3/4	107,102
2	375	2	11,062	2	23,135	2	35,003	2	46,989	2	59,062	2	71,136	2	83,209	2	95,282	2	107,354
1/4	479	1/4	11,314	1/4	23,387	1/4	35,247	1/4	47,240	1/4	59,314	1/4	71,387	1/4	83,461	1/4	95,534	1/4	107,605
1/2	584	1/2	11,565	1/2	23,638	1/2	35,491	1/2	47,492	1/2	59,565	1/2	71,639	1/2	83,712	1/2	95,785	1/2	107,857
3/4	689	3/4	11,817	3/4	23,890	3/4	35,735	3/4	47,743	3/4	59,817	3/4	71,890	3/4	83,964	3/4	96,037	3/4	108,108
3	794	3	12,068	3	24,141	3	35,979	3	47,995	3	60,068	3	72,142	3	84,215	3	96,288	3	108,360
1/4	940	1/4	12,320	1/4	24,393	1/4	36,223	1/4	48,246	1/4	60,320	1/4	72,393	1/4	84,467	1/4	96,540	1/4	108,611
1/2	1,087	1/2	12,571	1/2	24,645	1/2	36,467	1/2	48,498	1/2	60,571	1/2	72,645	1/2	84,718	1/2	96,791	1/2	108,863
3/4	1,234	3/4	12,823	3/4	24,896	3/4	36,711	3/4	48,749	3/4	60,823	3/4	72,896	3/4	84,970	3/4	97,043	3/4	109,114
4	1,381	4	13,074	4	25,148	4	36,955	4	49,001	4	61,074	4	73,148	4	85,221	4	97,294	4	109,366
1/4	1,569	1/4	13,326	1/4	25,399	1/4	37,200	1/4	49,252	1/4	61,326	1/4	73,399	1/4	85,473	1/4	97,546	1/4	109,617
1/2	1,758	1/2	13,578	1/2	25,651	1/2	37,444	1/2	49,504	1/2	61,577	1/2	73,651	1/2	85,724	1/2	97,797	1/2	109,869
3/4	1,947	3/4	13,829	3/4	25,902	3/4	37,689	3/4	49,755	3/4	61,829	3/4	73,902	3/4	85,976	3/4	98,049	3/4	110,120
5	2,135	5	14,081	5	26,154	5	37,933	5	50,007	5	62,080	5	74,154	5	86,228	5	98,300	5	110,372
1/4	2,365	1/4	14,332	1/4	26,405	1/4	38,185	1/4	50,258	1/4	62,332	1/4	74,406	1/4	86,479	1/4	98,552	1/4	110,623
1/2	2,595	1/2	14,584	1/2	26,657	1/2	38,436	1/2	50,510	1/2	62,584	1/2	74,657	1/2	86,731	1/2	98,803	1/2	110,875
3/4	2,825	3/4	14,835	3/4	26,908	3/4	38,688	3/4	50,761	3/4	62,835	3/4	74,909	3/4	86,982	3/4	99,055	3/4	111,126
6	3,055	6	15,087	6	27,160	6	38,939	6	51,013	6	63,087	6	75,160	6	87,234	6	99,306	6	111,378
1/4	3,301	1/4	15,338	1/4	27,411	1/4	39,191	1/4	51,265	1/4	63,338	1/4	75,412	1/4	87,485	1/4	99,558	1/4	111,629
1/2	3,548	1/2	15,590	1/2	27,663	1/2	39,443	1/2	51,516	1/2	63,590	1/2	75,663	1/2	87,737	1/2	99,809	1/2	111,881
3/4	3,794	3/4	15,841	3/4	27,914	3/4	39,694	3/4	51,768	3/4	63,841	3/4	75,915	3/4	87,988	3/4	100,061	3/4	112,132
7	4,041	7	16,093	7	28,166	7	39,946	7	52,019	7	64,093	7	76,166	7	88,240	7	100,312	7	112,384
1/4	4,290	1/4	16,344	1/4	28,410	1/4	40,197	1/4	52,271	1/4	64,344	1/4	76,418	1/4	88,491	1/4	100,564	1/4	112,635
1/2	4,538	1/2	16,596	1/2	28,655	1/2	40,449	1/2	52,522	1/2	64,596	1/2	76,669	1/2	88,743	1/2	100,815	1/2	112,887
3/4	4,787	3/4	16,847	3/4	28,899	3/4	40,700	3/4	52,774	3/4	64,847	3/4	76,921	3/4	88,994	3/4	101,067	3/4	113,138
8	5,036	8	17,099	8	29,144	8	40,952	8	53,025	8	65,099	8	77,172	8	89,246	8	101,318	8	113,390
1/4	5,286	1/4	17,350	1/4	29,388	1/4	41,203	1/4	53,277	1/4	65,350	1/4	77,424	1/4	89,497	1/4	101,570	1/4	113,641
1/2	5,536	1/2	17,602	1/2	29,632	1/2	41,455	1/2	53,528	1/2	65,602	1/2	77,675	1/2	89,749	1/2	101,821	1/2	113,892
3/4	5,786	3/4	17,853	3/4	29,876	3/4	41,706	3/4	53,780	3/4	65,853	3/4	77,927	3/4	90,001	3/4	102,073	3/4	114,144
9	6,036	9	18,105	9	30,120	9	41,958	9	54,031	9	66,105	9	78,178	9	90,252	9	102,324	9	114,395
1/4	6,286	1/4	18,356	1/4	30,364	1/4	42,209	1/4	54,283	1/4	66,356	1/4	78,430	1/4	90,504	1/4	102,576	1/4	114,647
1/2	6,537	1/2	18,608	1/2	30,608	1/2	42,461	1/2	54,534	1/2	66,608	1/2	78,682	1/2	90,755	1/2	102,827	1/2	114,898
3/4	6,788	3/4	18,860	3/4	30,853	3/4	42,712	3/4	54,786	3/4	66,860	3/4	78,933	3/4	91,007	3/4	103,078	3/4	115,150
10	7,039	10	19,111	10	31,097	10	42,964	10	55,038	10	67,111	10	79,185	10	91,258	10	103,330	10	115,401
1/4	7,290	1/4	19,363	1/4	31,341	1/4	43,216	1/4	55,289	1/4	67,363	1/4	79,436	1/4	91,510	1/4	103,581	1/4	115,653
1/2	7,542	1/2	19,614	1/2	31,585	1/2	43,467	1/2	55,541	1/2	67,614	1/2	79,688	1/2	91,761	1/2	103,833	1/2	115,904
3/4	7,793	3/4	19,866	3/4	31,829	3/4	43,719	3/4	55,792	3/4	67,866	3/4	79,939	3/4	92,013	3/4	104,084	3/4	116,156
11	8,044	11	20,117	11	32,073	11	43,970	11	56,044	11	68,117	11	80,191	11	92,264	11	104,336	11	116,407
1/4	8,296	1/4	20,369	1/4	32,317	1/4	44,222	1/4	56,295	1/4	68,369	1/4	80,442	1/4	92,516	1/4	104,587	1/4	116,659
1/2	8,547	1/2	20,620	1/2	32,561	1/2	44,473	1/2	56,547	1/2	68,620	1/2	80,694	1/2	92,767	1/2	104,839	1/2	116,910
3/4	8,799	3/4	20,872	3/4	32,805	3/4	44,725	3/4	56,798	3/4	68,872	3/4	80,945	3/4	93,019	3/4	105,090	3/4	117,162

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1345"

## 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	117,413	0	129,485	0	141,556	0	153,561	0	165,528	0		0		0		0		0	
1/4	117,665	1/4	129,736	1/4	141,806	1/4	153,811	1/4	165,776	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,916	1/2	129,988	1/2	142,056	1/2	154,061	1/2	166,024	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,168	3/4	130,239	3/4	142,307	3/4	154,311	3/4	166,271	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,419	1	130,491	1	142,557	1	154,561	1	166,519	1	1	1	1	1	1	1	1	1	1
1/4	118,671	1/4	130,742	1/4	142,807	1/4	154,811	1/4	166,767	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,922	1/2	130,994	1/2	143,057	1/2	155,061	1/2	167,015	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,174	3/4	131,245	3/4	143,307	3/4	155,311	3/4	167,262	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,425	2	131,497	2	143,557	2	155,561	2	167,510	2	2	2	2	2	2	2	2	2	2
1/4	119,677	1/4	131,748	1/4	143,807	1/4	155,811	1/4	167,737	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,928	1/2	132,000	1/2	144,057	1/2	156,062	1/2	167,964	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,180	3/4	132,251	3/4	144,307	3/4	156,312	3/4	168,191	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,431	3	132,503	3	144,557	3	156,562	3	168,417	3	3	3	3	3	3	3	3	3	3
1/4	120,683	1/4	132,754	1/4	144,807	1/4	156,812	1/4	168,602	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,934	1/2	133,006	1/2	145,058	1/2	157,062	1/2	168,787	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,186	3/4	133,257	3/4	145,308	3/4	157,312	3/4	168,972	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,437	4	133,509	4	145,558	4	157,562	4	169,157	4	4	4	4	4	4	4	4	4	4
1/4	121,689	1/4	133,760	1/4	145,808	1/4	157,812	1/4	169,300	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,940	1/2	134,012	1/2	146,058	1/2	158,062	1/2	169,443	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,192	3/4	134,263	3/4	146,308	3/4	158,312	3/4	169,586	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,443	5	134,515	5	146,558	5	158,562	5	169,729	5	5	5	5	5	5	5	5	5	5
1/4	122,695	1/4	134,766	1/4	146,808	1/4	158,813	1/4	169,830	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,946	1/2	135,018	1/2	147,058	1/2	159,063	1/2	169,931	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,198	3/4	135,269	3/4	147,308	3/4	159,313	3/4	170,032	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,449	6	135,521	6	147,558	6	159,563	6	170,133	6	6	6	6	6	6	6	6	6	6
1/4	123,701	1/4	135,772	1/4	147,809	1/4	159,813	1/4	170,192	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,952	1/2	136,024	1/2	148,059	1/2	160,063	1/2	170,251	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,204	3/4	136,275	3/4	148,309	3/4	160,313	3/4	170,311	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,455	7	136,526	7	148,559	7	160,563	7	170,370	7	7	7	7	7	7	7	7	7	7
1/4	124,707	1/4	136,778	1/4	148,809	1/4	160,813	1/4	170,387	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,958	1/2	137,029	1/2	149,059	1/2	161,063	1/2	170,404	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,209	3/4	137,281	3/4	149,309	3/4	161,313	3/4	170,421	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,461	8	137,532	8	149,559	8	161,564	8	170,439	8	8	8	8	8	8	8	8	8	8
1/4	125,712	1/4	137,784	1/4	149,809	1/4	161,811	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,964	1/2	138,035	1/2	150,059	1/2	162,059	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,215	3/4	138,287	3/4	150,309	3/4	162,307	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,467	9	138,538	9	150,560	9	162,555	9		9	9	9	9	9	9	9	9	9	9
1/4	126,718	1/4	138,790	1/4	150,810	1/4	162,802	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,970	1/2	139,041	1/2	151,060	1/2	163,050	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,221	3/4	139,293	3/4	151,310	3/4	163,298	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,473	10	139,544	10	151,560	10	163,546	10		10	10	10	10	10	10	10	10	10	10
1/4	127,724	1/4	139,796	1/4	151,810	1/4	163,794	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,976	1/2	140,047	1/2	152,060	1/2	164,041	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,227	3/4	140,299	3/4	152,310	3/4	164,289	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,479	11	140,550	11	152,560	11	164,537	11		11	11	11	11	11	11	11	11	11	11
1/4	128,730	1/4	140,802	1/4	152,810	1/4	164,785	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,982	1/2	141,053	1/2	153,060	1/2	165,032	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,233	3/4	141,305	3/4	153,311	3/4	165,280	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: 03/21/2012 CL - SW  
CALCULATED: 03/21/2012 CL  
PRINTED: 03/21/2012 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2012

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



# BARGE "CBC 1345"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,049	0	18,781	0	29,499	0	40,219	0	50,952	0	61,684	0	72,416	0	83,148	0	93,879
1/4	58	1/4	8,273	1/4	19,004	1/4	29,721	1/4	40,443	1/4	51,175	1/4	61,907	1/4	72,640	1/4	83,372	1/4	94,102
1/2	77	1/2	8,496	1/2	19,228	1/2	29,944	1/2	40,667	1/2	51,399	1/2	62,131	1/2	72,863	1/2	83,595	1/2	94,326
3/4	95	3/4	8,720	3/4	19,452	3/4	30,167	3/4	40,890	3/4	51,622	3/4	62,355	3/4	73,087	3/4	83,819	3/4	94,549
1	114	1	8,943	1	19,675	1	30,390	1	41,114	1	51,846	1	62,578	1	73,310	1	84,043	1	94,773
1/4	170	1/4	9,167	1/4	19,899	1/4	30,613	1/4	41,337	1/4	52,070	1/4	62,802	1/4	73,534	1/4	84,266	1/4	94,997
1/2	226	1/2	9,391	1/2	20,122	1/2	30,836	1/2	41,561	1/2	52,293	1/2	63,025	1/2	73,758	1/2	84,490	1/2	95,220
3/4	282	3/4	9,614	3/4	20,346	3/4	31,059	3/4	41,784	3/4	52,517	3/4	63,249	3/4	73,981	3/4	84,713	3/4	95,444
2	337	2	9,838	2	20,570	2	31,282	2	42,008	2	52,740	2	63,473	2	74,205	2	84,937	2	95,667
1/4	431	1/4	10,061	1/4	20,793	1/4	31,504	1/4	42,232	1/4	52,964	1/4	63,696	1/4	74,428	1/4	85,160	1/4	95,891
1/2	524	1/2	10,285	1/2	21,017	1/2	31,727	1/2	42,455	1/2	53,187	1/2	63,920	1/2	74,652	1/2	85,384	1/2	96,114
3/4	617	3/4	10,508	3/4	21,240	3/4	31,950	3/4	42,679	3/4	53,411	3/4	64,143	3/4	74,876	3/4	85,607	3/4	96,338
3	710	3	10,732	3	21,464	3	32,173	3	42,902	3	53,635	3	64,367	3	75,099	3	85,831	3	96,561
1/4	840	1/4	10,956	1/4	21,687	1/4	32,396	1/4	43,126	1/4	53,858	1/4	64,591	1/4	75,323	1/4	86,055	1/4	96,785
1/2	971	1/2	11,179	1/2	21,911	1/2	32,619	1/2	43,350	1/2	54,082	1/2	64,814	1/2	75,546	1/2	86,278	1/2	97,009
3/4	1,101	3/4	11,403	3/4	22,135	3/4	32,842	3/4	43,573	3/4	54,305	3/4	65,038	3/4	75,770	3/4	86,502	3/4	97,232
4	1,232	4	11,626	4	22,358	4	33,064	4	43,797	4	54,529	4	65,261	4	75,994	4	86,725	4	97,456
1/4	1,399	1/4	11,850	1/4	22,582	1/4	33,288	1/4	44,020	1/4	54,753	1/4	65,485	1/4	76,217	1/4	86,949	1/4	97,679
1/2	1,567	1/2	12,074	1/2	22,805	1/2	33,512	1/2	44,244	1/2	54,976	1/2	65,708	1/2	76,441	1/2	87,172	1/2	97,903
3/4	1,735	3/4	12,297	3/4	23,029	3/4	33,735	3/4	44,468	3/4	55,200	3/4	65,932	3/4	76,664	3/4	87,396	3/4	98,126
5	1,902	5	12,521	5	23,253	5	33,959	5	44,691	5	55,423	5	66,156	5	76,888	5	87,619	5	98,350
1/4	2,107	1/4	12,744	1/4	23,476	1/4	34,182	1/4	44,915	1/4	55,647	1/4	66,379	1/4	77,111	1/4	87,843	1/4	98,573
1/2	2,311	1/2	12,968	1/2	23,700	1/2	34,406	1/2	45,138	1/2	55,871	1/2	66,603	1/2	77,335	1/2	88,066	1/2	98,797
3/4	2,515	3/4	13,191	3/4	23,923	3/4	34,630	3/4	45,362	3/4	56,094	3/4	66,826	3/4	77,559	3/4	88,290	3/4	99,020
6	2,720	6	13,415	6	24,147	6	34,853	6	45,585	6	56,318	6	67,050	6	77,782	6	88,514	6	99,244
1/4	2,939	1/4	13,639	1/4	24,370	1/4	35,077	1/4	45,809	1/4	56,541	1/4	67,274	1/4	78,006	1/4	88,737	1/4	99,468
1/2	3,158	1/2	13,862	1/2	24,593	1/2	35,300	1/2	46,033	1/2	56,765	1/2	67,497	1/2	78,229	1/2	88,961	1/2	99,691
3/4	3,377	3/4	14,086	3/4	24,817	3/4	35,524	3/4	46,256	3/4	56,988	3/4	67,721	3/4	78,453	3/4	89,184	3/4	99,915
7	3,596	7	14,309	7	25,040	7	35,748	7	46,480	7	57,212	7	67,944	7	78,677	7	89,408	7	100,138
1/4	3,817	1/4	14,533	1/4	25,263	1/4	35,971	1/4	46,703	1/4	57,436	1/4	68,168	1/4	78,900	1/4	89,631	1/4	100,362
1/2	4,039	1/2	14,756	1/2	25,486	1/2	36,195	1/2	46,927	1/2	57,659	1/2	68,392	1/2	79,124	1/2	89,855	1/2	100,585
3/4	4,260	3/4	14,980	3/4	25,709	3/4	36,418	3/4	47,151	3/4	57,883	3/4	68,615	3/4	79,347	3/4	90,078	3/4	100,809
8	4,481	8	15,204	8	25,933	8	36,642	8	47,374	8	58,106	8	68,839	8	79,571	8	90,302	8	101,032
1/4	4,703	1/4	15,427	1/4	26,156	1/4	36,865	1/4	47,598	1/4	58,330	1/4	69,062	1/4	79,795	1/4	90,526	1/4	101,256
1/2	4,925	1/2	15,651	1/2	26,378	1/2	37,089	1/2	47,821	1/2	58,554	1/2	69,286	1/2	80,018	1/2	90,749	1/2	101,480
3/4	5,147	3/4	15,874	3/4	26,601	3/4	37,313	3/4	48,045	3/4	58,777	3/4	69,509	3/4	80,242	3/4	90,973	3/4	101,703
9	5,370	9	16,098	9	26,824	9	37,536	9	48,269	9	59,001	9	69,733	9	80,465	9	91,196	9	101,927
1/4	5,592	1/4	16,322	1/4	27,047	1/4	37,760	1/4	48,492	1/4	59,224	1/4	69,957	1/4	80,689	1/4	91,420	1/4	102,150
1/2	5,815	1/2	16,545	1/2	27,270	1/2	37,983	1/2	48,716	1/2	59,448	1/2	70,180	1/2	80,912	1/2	91,643	1/2	102,374
3/4	6,038	3/4	16,769	3/4	27,493	3/4	38,207	3/4	48,939	3/4	59,672	3/4	70,404	3/4	81,136	3/4	91,867	3/4	102,597
10	6,261	10	16,992	10	27,716	10	38,431	10	49,163	10	59,895	10	70,627	10	81,360	10	92,090	10	102,821
1/4	6,485	1/4	17,216	1/4	27,938	1/4	38,654	1/4	49,386	1/4	60,119	1/4	70,851	1/4	81,583	1/4	92,314	1/4	103,044
1/2	6,708	1/2	17,439	1/2	28,161	1/2	38,878	1/2	49,610	1/2	60,342	1/2	71,075	1/2	81,807	1/2	92,538	1/2	103,268
3/4	6,931	3/4	17,663	3/4	28,384	3/4	39,101	3/4	49,834	3/4	60,566	3/4	71,298	3/4	82,030	3/4	92,761	3/4	103,492
11	7,155	11	17,887	11	28,607	11	39,325	11	50,057	11	60,789	11	71,522	11	82,254	11	92,985	11	103,715
1/4	7,378	1/4	18,110	1/4	28,830	1/4	39,549	1/4	50,281	1/4	61,013	1/4	71,745	1/4	82,478	1/4	93,208	1/4	103,939
1/2	7,602	1/2	18,334	1/2	29,053	1/2	39,772	1/2	50,504	1/2	61,237	1/2	71,969	1/2	82,701	1/2	93,432	1/2	104,162
3/4	7,826	3/4	18,557	3/4	29,276	3/4	39,996	3/4	50,728	3/4	61,460	3/4	72,193	3/4	82,925	3/4	93,655	3/4	104,386

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1345"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,609	0	115,340	0	126,070	0	136,742	0	147,380	0		0		0		0		0	
1/4	104,833	1/4	115,563	1/4	126,292	1/4	136,964	1/4	147,601	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,056	1/2	115,787	1/2	126,515	1/2	137,186	1/2	147,821	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,280	3/4	116,010	3/4	126,737	3/4	137,409	3/4	148,041	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,503	1	116,234	1	126,959	1	137,631	1	148,262	1	1	1	1	1	1	1	1	1	1
1/4	105,727	1/4	116,457	1/4	127,182	1/4	137,853	1/4	148,482	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,951	1/2	116,681	1/2	127,404	1/2	138,076	1/2	148,702	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,174	3/4	116,905	3/4	127,626	3/4	138,298	3/4	148,922	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,398	2	117,128	2	127,849	2	138,520	2	149,143	2	2	2	2	2	2	2	2	2	2
1/4	106,621	1/4	117,352	1/4	128,071	1/4	138,743	1/4	149,344	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,845	1/2	117,575	1/2	128,293	1/2	138,965	1/2	149,546	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,068	3/4	117,799	3/4	128,516	3/4	139,187	3/4	149,748	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,292	3	118,022	3	128,738	3	139,410	3	149,949	3	3	3	3	3	3	3	3	3	3
1/4	107,515	1/4	118,246	1/4	128,960	1/4	139,632	1/4	150,114	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,739	1/2	118,469	1/2	129,183	1/2	139,854	1/2	150,278	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,963	3/4	118,693	3/4	129,405	3/4	140,077	3/4	150,442	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,186	4	118,917	4	129,627	4	140,299	4	150,607	4	4	4	4	4	4	4	4	4	4
1/4	108,410	1/4	119,140	1/4	129,850	1/4	140,521	1/4	150,734	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,633	1/2	119,364	1/2	130,072	1/2	140,744	1/2	150,861	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,857	3/4	119,587	3/4	130,294	3/4	140,966	3/4	150,988	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,080	5	119,811	5	130,517	5	141,188	5	151,115	5	5	5	5	5	5	5	5	5	5
1/4	109,304	1/4	120,034	1/4	130,739	1/4	141,411	1/4	151,205	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,527	1/2	120,258	1/2	130,961	1/2	141,633	1/2	151,295	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,751	3/4	120,481	3/4	131,184	3/4	141,855	3/4	151,385	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,974	6	120,705	6	131,406	6	142,078	6	151,475	6	6	6	6	6	6	6	6	6	6
1/4	110,198	1/4	120,928	1/4	131,628	1/4	142,300	1/4	151,527	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,422	1/2	121,152	1/2	131,851	1/2	142,522	1/2	151,580	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,645	3/4	121,376	3/4	132,073	3/4	142,745	3/4	151,632	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,869	7	121,599	7	132,295	7	142,967	7	151,685	7	7	7	7	7	7	7	7	7	7
1/4	111,092	1/4	121,823	1/4	132,518	1/4	143,189	1/4	151,700	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,316	1/2	122,046	1/2	132,740	1/2	143,412	1/2	151,715	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,539	3/4	122,270	3/4	132,962	3/4	143,634	3/4	151,731	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,763	8	122,493	8	133,185	8	143,856	8	151,746	8	8	8	8	8	8	8	8	8	8
1/4	111,986	1/4	122,717	1/4	133,407	1/4	144,076	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,210	1/2	122,940	1/2	133,629	1/2	144,297	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,434	3/4	123,164	3/4	133,852	3/4	144,517	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,657	9	123,388	9	134,074	9	144,737	9		9	9	9	9	9	9	9	9	9	9
1/4	112,881	1/4	123,611	1/4	134,296	1/4	144,958	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,104	1/2	123,835	1/2	134,519	1/2	145,178	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,328	3/4	124,058	3/4	134,741	3/4	145,398	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,551	10	124,282	10	134,963	10	145,618	10		10	10	10	10	10	10	10	10	10	10
1/4	113,775	1/4	124,505	1/4	135,185	1/4	145,839	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,998	1/2	124,729	1/2	135,408	1/2	146,059	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,222	3/4	124,952	3/4	135,630	3/4	146,279	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,445	11	125,176	11	135,852	11	146,499	11		11	11	11	11	11	11	11	11	11	11
1/4	114,669	1/4	125,399	1/4	136,075	1/4	146,720	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,893	1/2	125,623	1/2	136,297	1/2	146,940	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,116	3/4	125,847	3/4	136,519	3/4	147,160	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: 03/21/2012 CL - SW  
CALCULATED: 03/21/2012 CL  
PRINTED: 03/21/2012 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2012

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



# BARGE "CBC 1345"

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

March 21, 2012

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

<http://www.pmacorp.net>



# BARGE "CBC 1345"

## 1 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	147,234	0	139,754	0	130,334	0	120,897	0	111,443	0	100,879	0	90,117	0	79,355
1/4	1/4	1/4	1/4	1/4	147,218	1/4	139,558	1/4	130,138	1/4	120,700	1/4	111,246	1/4	100,655	1/4	89,893	1/4	79,131
1/2	1/2	1/2	1/2	1/2	147,202	1/2	139,361	1/2	129,942	1/2	120,503	1/2	111,049	1/2	100,431	1/2	89,669	1/2	78,906
3/4	3/4	3/4	3/4	3/4	147,186	3/4	139,165	3/4	129,746	3/4	120,306	3/4	110,853	3/4	100,206	3/4	89,445	3/4	78,682
1		1		1	147,132	1	138,968	1	129,550	1	120,109	1	110,656	1	99,982	1	89,220	1	78,458
1/4	1/4	1/4	1/4	1/4	147,079	1/4	138,772	1/4	129,355	1/4	119,912	1/4	110,459	1/4	99,758	1/4	88,996	1/4	78,234
1/2	1/2	1/2	1/2	1/2	147,025	1/2	138,575	1/2	129,159	1/2	119,715	1/2	110,262	1/2	99,534	1/2	88,772	1/2	78,009
3/4	3/4	3/4	3/4	3/4	146,972	3/4	138,379	3/4	128,963	3/4	119,518	3/4	110,065	3/4	99,310	3/4	88,548	3/4	77,785
2		2		2	146,881	2	138,182	2	128,766	2	119,321	2	109,841	2	99,085	2	88,324	2	77,561
1/4	1/4	1/4	1/4	1/4	146,790	1/4	137,986	1/4	128,570	1/4	119,124	1/4	109,617	1/4	98,861	1/4	88,099	1/4	77,337
1/2	1/2	1/2	1/2	1/2	146,699	1/2	137,789	1/2	128,373	1/2	118,927	1/2	109,394	1/2	98,637	1/2	87,875	1/2	77,112
3/4	3/4	3/4	3/4	3/4	146,608	3/4	137,592	3/4	128,177	3/4	118,730	3/4	109,170	3/4	98,413	3/4	87,651	3/4	76,888
3		3		3	146,479	3	137,396	3	127,980	3	118,533	3	108,946	3	98,189	3	87,427	3	76,665
1/4	1/4	1/4	1/4	1/4	146,351	1/4	137,199	1/4	127,784	1/4	118,336	1/4	108,722	1/4	97,964	1/4	87,203	1/4	76,441
1/2	1/2	1/2	1/2	1/2	146,222	1/2	137,003	1/2	127,587	1/2	118,139	1/2	108,498	1/2	97,740	1/2	86,978	1/2	76,218
3/4	3/4	3/4	3/4	3/4	146,094	3/4	136,806	3/4	127,391	3/4	117,942	3/4	108,274	3/4	97,516	3/4	86,754	3/4	75,994
4		4		4	145,928	4	136,610	4	127,194	4	117,745	4	108,050	4	97,292	4	86,530	4	75,772
1/4	1/4	1/4	1/4	1/4	145,762	1/4	136,413	1/4	126,998	1/4	117,548	1/4	107,826	1/4	97,068	1/4	86,306	1/4	75,549
1/2	1/2	1/2	1/2	1/2	145,596	1/2	136,217	1/2	126,801	1/2	117,350	1/2	107,602	1/2	96,843	1/2	86,081	1/2	75,326
3/4	3/4	3/4	3/4	3/4	145,431	3/4	136,020	3/4	126,605	3/4	117,153	3/4	107,378	3/4	96,619	3/4	85,857	3/4	75,103
5		5		5	145,227	5	135,824	5	126,408	5	116,956	5	107,154	5	96,395	5	85,633	5	74,880
1/4	1/4	1/4	1/4	1/4	145,024	1/4	135,627	1/4	126,212	1/4	116,759	1/4	106,930	1/4	96,171	1/4	85,409	1/4	74,658
1/2	1/2	1/2	1/2	1/2	144,820	1/2	135,431	1/2	126,015	1/2	116,562	1/2	106,706	1/2	95,946	1/2	85,185	1/2	74,435
3/4	3/4	3/4	3/4	3/4	144,617	3/4	135,234	3/4	125,819	3/4	116,365	3/4	106,482	3/4	95,722	3/4	84,960	3/4	74,212
6		6		6	144,423	6	135,038	6	125,622	6	116,168	6	106,258	6	95,498	6	84,736	6	73,989
1/4	1/4	1/4	1/4	1/4	144,228	1/4	134,841	1/4	125,426	1/4	115,971	1/4	106,034	1/4	95,274	1/4	84,512	1/4	73,766
1/2	1/2	1/2	1/2	1/2	144,034	1/2	134,645	1/2	125,229	1/2	115,774	1/2	105,810	1/2	95,050	1/2	84,288	1/2	73,544
3/4	3/4	3/4	3/4	3/4	143,839	3/4	134,448	3/4	125,033	3/4	115,577	3/4	105,586	3/4	94,825	3/4	84,064	3/4	73,321
7		7		7	143,645	7	134,252	7	124,836	7	115,380	7	105,362	7	94,601	7	83,839	7	73,098
1/4	1/4	1/4	1/4	1/4	143,451	1/4	134,055	1/4	124,640	1/4	115,183	1/4	105,138	1/4	94,377	1/4	83,615	1/4	72,875
1/2	1/2	1/2	1/2	1/2	143,256	1/2	133,859	1/2	124,443	1/2	114,986	1/2	104,914	1/2	94,153	1/2	83,391	1/2	72,652
3/4	3/4	3/4	3/4	3/4	143,062	3/4	133,662	3/4	124,247	3/4	114,789	3/4	104,690	3/4	93,929	3/4	83,167	3/4	72,430
8		8		8	142,867	8	133,466	8	124,050	8	114,592	8	104,466	8	93,704	8	82,943	8	72,207
1/4	1/4	1/4	1/4	1/4	142,673	1/4	133,271	1/4	123,853	1/4	114,395	1/4	104,242	1/4	93,480	1/4	82,718	1/4	71,984
1/2	1/2	1/2	1/2	1/2	142,478	1/2	133,075	1/2	123,656	1/2	114,199	1/2	104,018	1/2	93,256	1/2	82,494	1/2	71,761
3/4	3/4	3/4	3/4	3/4	142,284	3/4	132,879	3/4	123,459	3/4	114,002	3/4	103,794	3/4	93,032	3/4	82,270	3/4	71,539
9		9		9	142,089	9	132,683	9	123,261	9	113,805	9	103,569	9	92,808	9	82,046	9	71,316
1/4	1/4	1/4	1/4	1/4	141,895	1/4	132,487	1/4	123,064	1/4	113,608	1/4	103,345	1/4	92,583	1/4	81,821	1/4	71,093
1/2	1/2	1/2	1/2	1/2	141,701	1/2	132,292	1/2	122,867	1/2	113,411	1/2	103,121	1/2	92,359	1/2	81,597	1/2	70,870
3/4	3/4	3/4	3/4	3/4	141,506	3/4	132,096	3/4	122,670	3/4	113,214	3/4	102,897	3/4	92,135	3/4	81,373	3/4	70,647
10		10		10	141,312	10	131,900	10	122,473	10	113,018	10	102,673	10	91,911	10	81,149	10	70,425
1/4	1/4	1/4	1/4	1/4	141,117	1/4	131,704	1/4	122,276	1/4	112,821	1/4	102,448	1/4	91,687	1/4	80,924	1/4	70,202
1/2	1/2	1/2	1/2	1/2	140,923	1/2	131,508	1/2	122,079	1/2	112,624	1/2	102,224	1/2	91,462	1/2	80,700	1/2	69,979
3/4	3/4	3/4	3/4	3/4	140,728	3/4	131,313	3/4	121,882	3/4	112,427	3/4	102,000	3/4	91,238	3/4	80,476	3/4	69,756
11		11		11	140,534	11	131,117	11	121,685	11	112,230	11	101,776	11	91,014	11	80,252	11	69,533
1/4	1/4	1/4	1/4	1/4	140,339	1/4	130,921	1/4	121,488	1/4	112,034	1/4	101,552	1/4	90,790	1/4	80,028	1/4	69,309
1/2	1/2	1/2	1/2	1/2	140,145	1/2	130,725	1/2	121,291	1/2	111,837	1/2	101,327	1/2	90,566	1/2	79,803	1/2	69,086
3/4	3/4	3/4	3/4	3/4	147,250	3/4	139,951	3/4	130,529	3/4	121,094	3/4	111,640	3/4	101,103	3/4	79,579	3/4	68,862

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

<http://www.pmacorp.net>



# BARGE "CBC 1345"

## 1 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	68,638	0	57,884	0	47,126	0	36,367	0	25,800	0	15,056	0	4,281	0		0		0	
1/4	68,415	1/4	57,660	1/4	46,901	1/4	36,143	1/4	25,581	1/4	14,831	1/4	4,058	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,191	1/2	57,436	1/2	46,677	1/2	35,919	1/2	25,363	1/2	14,606	1/2	3,836	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,968	3/4	57,212	3/4	46,453	3/4	35,695	3/4	25,144	3/4	14,382	3/4	3,614	3/4	3/4	3/4	3/4	3/4	3/4
1	67,744	1	56,988	1	46,229	1	35,471	1	24,925	1	14,157	1	3,394	1	1	1	1	1	1
1/4	67,521	1/4	56,763	1/4	46,005	1/4	35,246	1/4	24,706	1/4	13,932	1/4	3,174	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,297	1/2	56,539	1/2	45,781	1/2	35,022	1/2	24,488	1/2	13,707	1/2	2,953	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,074	3/4	56,315	3/4	45,557	3/4	34,798	3/4	24,269	3/4	13,483	3/4	2,733	3/4	3/4	3/4	3/4	3/4	3/4
2	66,850	2	56,091	2	45,333	2	34,574	2	24,044	2	13,258	2	2,528	2	2	2	2	2	2
1/4	66,625	1/4	55,867	1/4	45,108	1/4	34,350	1/4	23,820	1/4	13,033	1/4	2,322	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,401	1/2	55,643	1/2	44,884	1/2	34,126	1/2	23,595	1/2	12,809	1/2	2,117	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,177	3/4	55,419	3/4	44,660	3/4	33,902	3/4	23,370	3/4	12,584	3/4	1,912	3/4	3/4	3/4	3/4	3/4	3/4
3	65,953	3	55,194	3	44,436	3	33,678	3	23,145	3	12,359	3	1,743	3	3	3	3	3	3
1/4	65,729	1/4	54,970	1/4	44,212	1/4	33,453	1/4	22,921	1/4	12,134	1/4	1,575	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,505	1/2	54,746	1/2	43,988	1/2	33,229	1/2	22,696	1/2	11,910	1/2	1,406	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,281	3/4	54,522	3/4	43,764	3/4	33,005	3/4	22,471	3/4	11,685	3/4	1,238	3/4	3/4	3/4	3/4	3/4	3/4
4	65,056	4	54,298	4	43,539	4	32,787	4	22,247	4	11,460	4	1,107	4	4	4	4	4	4
1/4	64,832	1/4	54,074	1/4	43,315	1/4	32,568	1/4	22,022	1/4	11,235	1/4	976	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,608	1/2	53,850	1/2	43,091	1/2	32,350	1/2	21,797	1/2	11,011	1/2	844	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,384	3/4	53,626	3/4	42,867	3/4	32,132	3/4	21,572	3/4	10,786	3/4	713	3/4	3/4	3/4	3/4	3/4	3/4
5	64,160	5	53,401	5	42,643	5	31,913	5	21,348	5	10,561	5	620	5	5	5	5	5	5
1/4	63,936	1/4	53,177	1/4	42,419	1/4	31,695	1/4	21,123	1/4	10,337	1/4	526	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,712	1/2	52,953	1/2	42,195	1/2	31,477	1/2	20,898	1/2	10,112	1/2	433	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,487	3/4	52,729	3/4	41,971	3/4	31,259	3/4	20,674	3/4	9,887	3/4	339	3/4	3/4	3/4	3/4	3/4	3/4
6	63,263	6	52,505	6	41,746	6	31,040	6	20,449	6	9,662	6	283	6	6	6	6	6	6
1/4	63,039	1/4	52,281	1/4	41,522	1/4	30,822	1/4	20,224	1/4	9,438	1/4	227	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,815	1/2	52,057	1/2	41,298	1/2	30,604	1/2	19,999	1/2	9,213	1/2	170	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,591	3/4	51,832	3/4	41,074	3/4	30,385	3/4	19,775	3/4	8,988	3/4	114	3/4	3/4	3/4	3/4	3/4	3/4
7	62,367	7	51,608	7	40,850	7	30,167	7	19,550	7	8,764	7	96	7	7	7	7	7	7
1/4	62,143	1/4	51,384	1/4	40,626	1/4	29,949	1/4	19,325	1/4	8,539	1/4	77	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,919	1/2	51,160	1/2	40,402	1/2	29,730	1/2	19,101	1/2	8,314	1/2	58	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,694	3/4	50,936	3/4	40,177	3/4	29,512	3/4	18,876	3/4	8,089	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4
8	61,470	8	50,712	8	39,953	8	29,294	8	18,651	8	7,865	8		8	8	8	8	8	8
1/4	61,246	1/4	50,488	1/4	39,729	1/4	29,075	1/4	18,426	1/4	7,640	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,022	1/2	50,264	1/2	39,505	1/2	28,857	1/2	18,202	1/2	7,415	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,798	3/4	50,039	3/4	39,281	3/4	28,639	3/4	17,977	3/4	7,191	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,574	9	49,815	9	39,057	9	28,420	9	17,752	9	6,966	9		9	9	9	9	9	9
1/4	60,350	1/4	49,591	1/4	38,833	1/4	28,202	1/4	17,528	1/4	6,742	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,125	1/2	49,367	1/2	38,608	1/2	27,984	1/2	17,303	1/2	6,517	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,901	3/4	49,143	3/4	38,384	3/4	27,765	3/4	17,078	3/4	6,293	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,677	10	48,919	10	38,160	10	27,547	10	16,853	10	6,069	10		10	10	10	10	10	10
1/4	59,453	1/4	48,695	1/4	37,936	1/4	27,329	1/4	16,629	1/4	5,844	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,229	1/2	48,470	1/2	37,712	1/2	27,110	1/2	16,404	1/2	5,620	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,005	3/4	48,246	3/4	37,488	3/4	26,892	3/4	16,179	3/4	5,396	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,781	11	48,022	11	37,264	11	26,674	11	15,955	11	5,173	11		11	11	11	11	11	11
1/4	58,557	1/4	47,798	1/4	37,040	1/4	26,455	1/4	15,730	1/4	4,950	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,332	1/2	47,574	1/2	36,815	1/2	26,237	1/2	15,505	1/2	4,726	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,108	3/4	47,350	3/4	36,591	3/4	26,019	3/4	15,280	3/4	4,503	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/21/2012 CL - SW  
CALCULATED: 03/21/2012 CL  
PRINTED: 03/21/2012 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2012

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



# BARGE "CBC 1345"

## 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		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	170,439	0	161,564	0	149,560	0	137,533	0	125,461	0	113,390	0	101,319	0	89,246		
1/4	1/4	1/4	1/4	1/4	170,422	1/4	161,314	1/4	149,310	1/4	137,281	1/4	125,210	1/4	113,138	1/4	101,067	1/4	88,995		
1/2	1/2	1/2	1/2	1/2	170,405	1/2	161,064	1/2	149,059	1/2	137,030	1/2	124,958	1/2	112,887	1/2	100,816	1/2	88,743		
3/4	3/4	3/4	3/4	3/4	170,387	3/4	160,814	3/4	148,809	3/4	136,778	3/4	124,707	3/4	112,636	3/4	100,564	3/4	88,492		
1		1		1	170,370	1	160,564	1	148,559	1	136,527	1	124,455	1	112,384	1	100,313	1	88,240		
1/4	1/4	1/4	1/4	1/4	170,311	1/4	160,314	1/4	148,309	1/4	136,275	1/4	124,204	1/4	112,133	1/4	100,061	1/4	87,989		
1/2	1/2	1/2	1/2	1/2	170,252	1/2	160,063	1/2	148,059	1/2	136,024	1/2	123,953	1/2	111,881	1/2	99,810	1/2	87,737		
3/4	3/4	3/4	3/4	3/4	170,193	3/4	159,813	3/4	147,809	3/4	135,772	3/4	123,701	3/4	111,630	3/4	99,558	3/4	87,486		
2		2		2	170,134	2	159,563	2	147,559	2	135,521	2	123,450	2	111,378	2	99,307	2	87,234		
1/4	1/4	1/4	1/4	1/4	170,033	1/4	159,313	1/4	147,309	1/4	135,270	1/4	123,198	1/4	111,127	1/4	99,055	1/4	86,983		
1/2	1/2	1/2	1/2	1/2	169,932	1/2	159,063	1/2	147,059	1/2	135,018	1/2	122,947	1/2	110,875	1/2	98,804	1/2	86,731		
3/4	3/4	3/4	3/4	3/4	169,830	3/4	158,813	3/4	146,809	3/4	134,767	3/4	122,695	3/4	110,624	3/4	98,552	3/4	86,480		
3		3		3	169,729	3	158,563	3	146,559	3	134,515	3	122,444	3	110,372	3	98,301	3	86,228		
1/4	1/4	1/4	1/4	1/4	169,586	1/4	158,313	1/4	146,308	1/4	134,264	1/4	122,192	1/4	110,121	1/4	98,049	1/4	85,976		
1/2	1/2	1/2	1/2	1/2	169,443	1/2	158,063	1/2	146,058	1/2	134,012	1/2	121,941	1/2	109,869	1/2	97,798	1/2	85,723		
3/4	3/4	3/4	3/4	3/4	169,301	3/4	157,813	3/4	145,808	3/4	133,761	3/4	121,689	3/4	109,618	3/4	97,546	3/4	85,471		
4		4		4	169,158	4	157,563	4	145,558	4	133,509	4	121,438	4	109,366	4	97,295	4	85,222		
1/4	1/4	1/4	1/4	1/4	168,973	1/4	157,312	1/4	145,308	1/4	133,258	1/4	121,186	1/4	109,115	1/4	97,043	1/4	84,970		
1/2	1/2	1/2	1/2	1/2	168,788	1/2	157,062	1/2	145,058	1/2	133,006	1/2	120,935	1/2	108,863	1/2	96,792	1/2	84,719		
3/4	3/4	3/4	3/4	3/4	168,603	3/4	156,812	3/4	144,808	3/4	132,755	3/4	120,683	3/4	108,612	3/4	96,540	3/4	84,467		
5		5		5	168,418	5	156,562	5	144,558	5	132,503	5	120,432	5	108,360	5	96,289	5	84,216		
1/4	1/4	1/4	1/4	1/4	168,191	1/4	156,312	1/4	144,308	1/4	132,252	1/4	120,180	1/4	108,109	1/4	96,037	1/4	83,964		
1/2	1/2	1/2	1/2	1/2	167,964	1/2	156,062	1/2	144,058	1/2	132,000	1/2	119,929	1/2	107,857	1/2	95,786	1/2	83,713		
3/4	3/4	3/4	3/4	3/4	167,738	3/4	155,812	3/4	143,808	3/4	131,749	3/4	119,677	3/4	107,606	3/4	95,534	3/4	83,461		
6		6		6	167,511	6	155,562	6	143,557	6	131,497	6	119,426	6	107,354	6	95,283	6	83,210		
1/4	1/4	1/4	1/4	1/4	167,263	1/4	155,312	1/4	143,307	1/4	131,246	1/4	119,174	1/4	107,103	1/4	95,031	1/4	82,958		
1/2	1/2	1/2	1/2	1/2	167,015	1/2	155,062	1/2	143,057	1/2	130,994	1/2	118,923	1/2	106,851	1/2	94,780	1/2	82,707		
3/4	3/4	3/4	3/4	3/4	166,767	3/4	154,812	3/4	142,807	3/4	130,743	3/4	118,671	3/4	106,600	3/4	94,528	3/4	82,455		
7		7		7	166,520	7	154,561	7	142,557	7	130,491	7	118,420	7	106,348	7	94,277	7	82,203		
1/4	1/4	1/4	1/4	1/4	166,272	1/4	154,311	1/4	142,307	1/4	130,240	1/4	118,168	1/4	106,097	1/4	94,025	1/4	81,952		
1/2	1/2	1/2	1/2	1/2	166,024	1/2	154,061	1/2	142,057	1/2	129,988	1/2	117,917	1/2	105,845	1/2	93,774	1/2	81,700		
3/4	3/4	3/4	3/4	3/4	165,776	3/4	153,811	3/4	141,807	3/4	129,737	3/4	117,665	3/4	105,594	3/4	93,522	3/4	81,449		
8		8		8	165,528	8	153,561	8	141,557	8	129,485	8	117,414	8	105,342	8	93,271	8	81,197		
1/4	1/4	1/4	1/4	1/4	165,281	1/4	153,311	1/4	141,305	1/4	129,234	1/4	117,162	1/4	105,091	1/4	93,019	1/4	80,946		
1/2	1/2	1/2	1/2	1/2	165,033	1/2	153,061	1/2	141,054	1/2	128,982	1/2	116,911	1/2	104,839	1/2	92,768	1/2	80,694		
3/4	3/4	3/4	3/4	3/4	164,785	3/4	152,811	3/4	140,802	3/4	128,731	3/4	116,659	3/4	104,588	3/4	92,516	3/4	80,443		
9		9		9	164,537	9	152,561	9	140,551	9	128,479	9	116,408	9	104,336	9	92,265	9	80,191		
1/4	1/4	1/4	1/4	1/4	164,290	1/4	152,311	1/4	140,299	1/4	128,228	1/4	116,156	1/4	104,085	1/4	92,013	1/4	79,940		
1/2	1/2	1/2	1/2	1/2	164,042	1/2	152,061	1/2	140,048	1/2	127,976	1/2	115,905	1/2	103,833	1/2	91,762	1/2	79,688		
3/4	3/4	3/4	3/4	3/4	163,794	3/4	151,810	3/4	139,796	3/4	127,725	3/4	115,653	3/4	103,582	3/4	91,510	3/4	79,437		
10		10		10	163,546	10	151,560	10	139,545	10	127,473	10	115,402	10	103,330	10	91,259	10	79,185		
1/4	1/4	1/4	1/4	1/4	163,298	1/4	151,310	1/4	139,293	1/4	127,222	1/4	115,150	1/4	103,079	1/4	91,007	1/4	78,934		
1/2	1/2	1/2	1/2	1/2	163,051	1/2	151,060	1/2	139,042	1/2	126,970	1/2	114,899	1/2	102,827	1/2	90,756	1/2	78,682		
3/4	3/4	3/4	3/4	3/4	162,803	3/4	150,810	3/4	138,790	3/4	126,719	3/4	114,647	3/4	102,576	3/4	90,504	3/4	78,430		
11		11		11	162,555	11	150,560	11	138,539	11	126,467	11	114,396	11	102,324	11	90,252	11	78,179		
1/4	1/4	1/4	1/4	1/4	162,307	1/4	150,310	1/4	138,287	1/4	126,216	1/4	114,144	1/4	102,073	1/4	90,001	1/4	77,927		
1/2	1/2	1/2	1/2	1/2	162,060	1/2	150,060	1/2	138,036	1/2	125,964	1/2	113,893	1/2	101,822	1/2	89,749	1/2	77,676		
3/4	3/4	3/4	3/4	3/4	161,812	3/4	149,810	3/4	137,784	3/4	125,713	3/4	113,641	3/4	101,570	3/4	89,498	3/4	77,424		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1345"

## 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	77,173	0	65,099	0	53,026	0	40,952	0	29,144	0	17,099	0	5,036	0		0		0	
1/4	76,921	1/4	64,848	1/4	52,774	1/4	40,701	1/4	28,900	1/4	16,848	1/4	4,787	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,670	1/2	64,596	1/2	52,523	1/2	40,449	1/2	28,655	1/2	16,596	1/2	4,539	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,418	3/4	64,345	3/4	52,271	3/4	40,198	3/4	28,411	3/4	16,345	3/4	4,290	3/4	3/4	3/4	3/4	3/4	3/4
1	76,167	1	64,093	1	52,020	1	39,946	1	28,166	1	16,093	1	4,041	1	1	1	1	1	1
1/4	75,915	1/4	63,842	1/4	51,768	1/4	39,695	1/4	27,915	1/4	15,842	1/4	3,795	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,664	1/2	63,590	1/2	51,517	1/2	39,443	1/2	27,663	1/2	15,590	1/2	3,548	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,412	3/4	63,339	3/4	51,265	3/4	39,191	3/4	27,412	3/4	15,339	3/4	3,302	3/4	3/4	3/4	3/4	3/4	3/4
2	75,161	2	63,087	2	51,013	2	38,940	2	27,160	2	15,087	2	3,055	2	2	2	2	2	2
1/4	74,909	1/4	62,836	1/4	50,762	1/4	38,688	1/4	26,909	1/4	14,836	1/4	2,825	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,658	1/2	62,584	1/2	50,510	1/2	38,437	1/2	26,657	1/2	14,584	1/2	2,595	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,406	3/4	62,332	3/4	50,259	3/4	38,185	3/4	26,406	3/4	14,333	3/4	2,366	3/4	3/4	3/4	3/4	3/4	3/4
3	74,154	3	62,081	3	50,007	3	37,934	3	26,154	3	14,081	3	2,136	3	3	3	3	3	3
1/4	73,903	1/4	61,829	1/4	49,756	1/4	37,689	1/4	25,903	1/4	13,830	1/4	1,947	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,651	1/2	61,578	1/2	49,504	1/2	37,445	1/2	25,651	1/2	13,578	1/2	1,758	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,400	3/4	61,326	3/4	49,253	3/4	37,200	3/4	25,400	3/4	13,326	3/4	1,570	3/4	3/4	3/4	3/4	3/4	3/4
4	73,148	4	61,075	4	49,001	4	36,956	4	25,148	4	13,075	4	1,381	4	4	4	4	4	4
1/4	72,897	1/4	60,823	1/4	48,750	1/4	36,712	1/4	24,897	1/4	12,823	1/4	1,234	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,645	1/2	60,572	1/2	48,498	1/2	36,468	1/2	24,645	1/2	12,572	1/2	1,088	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,394	3/4	60,320	3/4	48,247	3/4	36,224	3/4	24,393	3/4	12,320	3/4	941	3/4	3/4	3/4	3/4	3/4	3/4
5	72,142	5	60,069	5	47,995	5	35,979	5	24,142	5	12,069	5	794	5	5	5	5	5	5
1/4	71,891	1/4	59,817	1/4	47,744	1/4	35,735	1/4	23,890	1/4	11,817	1/4	689	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,639	1/2	59,566	1/2	47,492	1/2	35,491	1/2	23,639	1/2	11,566	1/2	585	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,388	3/4	59,314	3/4	47,241	3/4	35,247	3/4	23,387	3/4	11,314	3/4	480	3/4	3/4	3/4	3/4	3/4	3/4
6	71,136	6	59,063	6	46,989	6	35,003	6	23,136	6	11,063	6	375	6	6	6	6	6	6
1/4	70,885	1/4	58,811	1/4	46,737	1/4	34,759	1/4	22,884	1/4	10,811	1/4	312	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,633	1/2	58,559	1/2	46,486	1/2	34,515	1/2	22,633	1/2	10,560	1/2	249	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,381	3/4	58,308	3/4	46,234	3/4	34,271	3/4	22,381	3/4	10,308	3/4	186	3/4	3/4	3/4	3/4	3/4	3/4
7	70,130	7	58,056	7	45,983	7	34,027	7	22,130	7	10,057	7	124	7	7	7	7	7	7
1/4	69,878	1/4	57,805	1/4	45,731	1/4	33,782	1/4	21,878	1/4	9,805	1/4	103	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,627	1/2	57,553	1/2	45,480	1/2	33,538	1/2	21,627	1/2	9,554	1/2	82	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,375	3/4	57,302	3/4	45,228	3/4	33,294	3/4	21,375	3/4	9,302	3/4	61	3/4	3/4	3/4	3/4	3/4	3/4
8	69,124	8	57,050	8	44,977	8	33,050	8	21,124	8	9,051	8	39	8	8	8	8	8	8
1/4	68,872	1/4	56,799	1/4	44,725	1/4	32,806	1/4	20,872	1/4	8,799	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,621	1/2	56,547	1/2	44,474	1/2	32,562	1/2	20,621	1/2	8,548	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,369	3/4	56,296	3/4	44,222	3/4	32,318	3/4	20,369	3/4	8,296	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	68,118	9	56,044	9	43,971	9	32,074	9	20,118	9	8,045	9		9	9	9	9	9	9
1/4	67,866	1/4	55,793	1/4	43,719	1/4	31,829	1/4	19,866	1/4	7,793	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,615	1/2	55,541	1/2	43,468	1/2	31,585	1/2	19,615	1/2	7,542	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,363	3/4	55,290	3/4	43,216	3/4	31,341	3/4	19,363	3/4	7,291	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,112	10	55,038	10	42,964	10	31,097	10	19,111	10	7,039	10		10	10	10	10	10	10
1/4	66,860	1/4	54,786	1/4	42,713	1/4	30,853	1/4	18,860	1/4	6,789	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,608	1/2	54,535	1/2	42,461	1/2	30,609	1/2	18,608	1/2	6,538	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,357	3/4	54,283	3/4	42,210	3/4	30,365	3/4	18,357	3/4	6,287	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,105	11	54,032	11	41,958	11	30,121	11	18,105	11	6,036	11		11	11	11	11	11	11
1/4	65,854	1/4	53,780	1/4	41,707	1/4	29,877	1/4	17,854	1/4	5,786	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,602	1/2	53,529	1/2	41,455	1/2	29,632	1/2	17,602	1/2	5,536	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,351	3/4	53,277	3/4	41,204	3/4	29,388	3/4	17,351	3/4	5,286	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/21/2012 CL - SW  
CALCULATED: 03/21/2012 CL  
PRINTED: 03/21/2012 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2012

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



# BARGE "CBC 1345"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	144,076	0	133,407	0	122,717	0	111,986	0	101,256	0	90,525	0	79,794
1/4	1/4	1/4	151,746	1/4	143,856	1/4	133,184	1/4	122,493	1/4	111,763	1/4	101,032	1/4	90,302	1/4	79,571		
1/2	1/2	1/2	151,731	1/2	143,634	1/2	132,962	1/2	122,270	1/2	111,539	1/2	100,809	1/2	90,078	1/2	79,347		
3/4	3/4	3/4	151,715	3/4	143,411	3/4	132,740	3/4	122,046	3/4	111,316	3/4	100,585	3/4	89,855	3/4	79,124		
1		1		1		1	151,700	1	143,189	1	132,518	1	121,823	1	111,092	1	100,362	1	89,631
1/4	1/4	1/4	151,685	1/4	142,967	1/4	132,295	1/4	121,599	1/4	110,869	1/4	100,138	1/4	89,408	1/4	78,677		
1/2	1/2	1/2	151,632	1/2	142,744	1/2	132,073	1/2	121,376	1/2	110,645	1/2	99,915	1/2	89,184	1/2	78,453		
3/4	3/4	3/4	151,580	3/4	142,522	3/4	131,851	3/4	121,152	3/4	110,422	3/4	99,691	3/4	88,961	3/4	78,229		
2		2		2		2	151,527	2	142,300	2	131,628	2	120,928	2	110,198	2	99,468	2	88,737
1/4	1/4	1/4	151,474	1/4	142,077	1/4	131,406	1/4	120,705	1/4	109,974	1/4	99,244	1/4	88,514	1/4	77,782		
1/2	1/2	1/2	151,385	1/2	141,855	1/2	131,184	1/2	120,481	1/2	109,751	1/2	99,020	1/2	88,290	1/2	77,559		
3/4	3/4	3/4	151,295	3/4	141,633	3/4	130,961	3/4	120,258	3/4	109,527	3/4	98,797	3/4	88,066	3/4	77,335		
3		3		3		3	151,205	3	141,411	3	130,739	3	120,034	3	109,304	3	98,573	3	87,843
1/4	1/4	1/4	151,115	1/4	141,188	1/4	130,517	1/4	119,811	1/4	109,080	1/4	98,350	1/4	87,619	1/4	76,888		
1/2	1/2	1/2	150,988	1/2	140,966	1/2	130,294	1/2	119,587	1/2	108,857	1/2	98,126	1/2	87,396	1/2	76,664		
3/4	3/4	3/4	150,861	3/4	140,744	3/4	130,072	3/4	119,364	3/4	108,633	3/4	97,903	3/4	87,172	3/4	76,441		
4		4		4		4	150,734	4	140,521	4	129,850	4	119,140	4	108,410	4	97,679	4	86,949
1/4	1/4	1/4	150,607	1/4	140,299	1/4	129,627	1/4	118,916	1/4	108,186	1/4	97,456	1/4	86,725	1/4	75,993		
1/2	1/2	1/2	150,442	1/2	140,077	1/2	129,405	1/2	118,693	1/2	107,962	1/2	97,232	1/2	86,502	1/2	75,770		
3/4	3/4	3/4	150,278	3/4	139,854	3/4	129,183	3/4	118,469	3/4	107,739	3/4	97,008	3/4	86,278	3/4	75,546		
5		5		5		5	150,114	5	139,632	5	128,960	5	118,246	5	107,515	5	96,785	5	86,054
1/4	1/4	1/4	149,949	1/4	139,410	1/4	128,738	1/4	118,022	1/4	107,292	1/4	96,561	1/4	85,831	1/4	75,099		
1/2	1/2	1/2	149,747	1/2	139,187	1/2	128,516	1/2	117,799	1/2	107,068	1/2	96,338	1/2	85,607	1/2	74,876		
3/4	3/4	3/4	149,546	3/4	138,965	3/4	128,293	3/4	117,575	3/4	106,845	3/4	96,114	3/4	85,384	3/4	74,652		
6		6		6		6	149,344	6	138,743	6	128,071	6	117,352	6	106,621	6	95,891	6	85,160
1/4	1/4	1/4	149,143	1/4	138,520	1/4	127,849	1/4	117,128	1/4	106,398	1/4	95,667	1/4	84,937	1/4	74,205		
1/2	1/2	1/2	148,922	1/2	138,298	1/2	127,626	1/2	116,904	1/2	106,174	1/2	95,444	1/2	84,713	1/2	73,981		
3/4	3/4	3/4	148,702	3/4	138,076	3/4	127,404	3/4	116,681	3/4	105,950	3/4	95,220	3/4	84,490	3/4	73,758		
7		7		7		7	148,482	7	137,853	7	127,182	7	116,457	7	105,727	7	94,996	7	84,266
1/4	1/4	1/4	148,262	1/4	137,631	1/4	126,959	1/4	116,234	1/4	105,503	1/4	94,773	1/4	84,043	1/4	73,310		
1/2	1/2	1/2	148,041	1/2	137,409	1/2	126,737	1/2	116,010	1/2	105,280	1/2	94,549	1/2	83,819	1/2	73,087		
3/4	3/4	3/4	147,821	3/4	137,186	3/4	126,515	3/4	115,787	3/4	105,056	3/4	94,326	3/4	83,595	3/4	72,863		
8		8		8		8	147,601	8	136,964	8	126,292	8	115,563	8	104,833	8	94,102	8	83,372
1/4	1/4	1/4	147,380	1/4	136,742	1/4	126,070	1/4	115,340	1/4	104,609	1/4	93,879	1/4	83,148	1/4	72,416		
1/2	1/2	1/2	147,160	1/2	136,519	1/2	125,847	1/2	115,116	1/2	104,386	1/2	93,655	1/2	82,925	1/2	72,192		
3/4	3/4	3/4	146,940	3/4	136,297	3/4	125,623	3/4	114,893	3/4	104,162	3/4	93,432	3/4	82,701	3/4	71,969		
9		9		9		9	146,720	9	136,075	9	125,399	9	114,669	9	103,939	9	93,208	9	82,478
1/4	1/4	1/4	146,499	1/4	135,852	1/4	125,176	1/4	114,445	1/4	103,715	1/4	92,985	1/4	82,254	1/4	71,522		
1/2	1/2	1/2	146,279	1/2	135,630	1/2	124,952	1/2	114,222	1/2	103,491	1/2	92,761	1/2	82,030	1/2	71,298		
3/4	3/4	3/4	146,059	3/4	135,408	3/4	124,729	3/4	113,998	3/4	103,268	3/4	92,537	3/4	81,807	3/4	71,075		
10		10		10		10	145,839	10	135,185	10	124,505	10	113,775	10	103,044	10	92,314	10	81,583
1/4	1/4	1/4	145,618	1/4	134,963	1/4	124,282	1/4	113,551	1/4	102,821	1/4	92,090	1/4	81,360	1/4	70,627		
1/2	1/2	1/2	145,398	1/2	134,741	1/2	124,058	1/2	113,328	1/2	102,597	1/2	91,867	1/2	81,136	1/2	70,404		
3/4	3/4	3/4	145,178	3/4	134,518	3/4	123,835	3/4	113,104	3/4	102,374	3/4	91,643	3/4	80,912	3/4	70,180		
11		11		11		11	144,957	11	134,296	11	123,611	11	112,881	11	102,150	11	91,420	11	80,689
1/4	1/4	1/4	144,737	1/4	134,074	1/4	123,387	1/4	112,657	1/4	101,927	1/4	91,196	1/4	80,465	1/4	69,733		
1/2	1/2	1/2	144,517	1/2	133,851	1/2	123,164	1/2	112,433	1/2	101,703	1/2	90,973	1/2	80,242	1/2	69,509		
3/4	3/4	3/4	144,297	3/4	133,629	3/4	122,940	3/4	112,210	3/4	101,479	3/4	90,749	3/4	80,018	3/4	69,286		

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1345"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	69,062	0	58,330	0	47,598	0	36,865	0	26,155	0	15,427	0	4,703	0		0		0	
1/4	68,839	1/4	58,106	1/4	47,374	1/4	36,642	1/4	25,933	1/4	15,204	1/4	4,481	1/4	1/4		1/4		1/4
1/2	68,615	1/2	57,883	1/2	47,151	1/2	36,418	1/2	25,709	1/2	14,980	1/2	4,260	1/2	1/2		1/2		1/2
3/4	68,391	3/4	57,659	3/4	46,927	3/4	36,195	3/4	25,486	3/4	14,756	3/4	4,038	3/4	3/4		3/4		3/4
1	68,168	1	57,436	1	46,703	1	35,971	1	25,263	1	14,533	1	3,817	1	1		1		1
1/4	67,944	1/4	57,212	1/4	46,480	1/4	35,747	1/4	25,040	1/4	14,309	1/4	3,596	1/4	1/4		1/4		1/4
1/2	67,721	1/2	56,988	1/2	46,256	1/2	35,524	1/2	24,816	1/2	14,086	1/2	3,377	1/2	1/2		1/2		1/2
3/4	67,497	3/4	56,765	3/4	46,033	3/4	35,300	3/4	24,593	3/4	13,862	3/4	3,158	3/4	3/4		3/4		3/4
2	67,273	2	56,541	2	45,809	2	35,077	2	24,370	2	13,639	2	2,939	2	2		2		2
1/4	67,050	1/4	56,318	1/4	45,585	1/4	34,853	1/4	24,147	1/4	13,415	1/4	2,720	1/4	1/4		1/4		1/4
1/2	66,826	1/2	56,094	1/2	45,362	1/2	34,630	1/2	23,923	1/2	13,191	1/2	2,515	1/2	1/2		1/2		1/2
3/4	66,603	3/4	55,870	3/4	45,138	3/4	34,406	3/4	23,700	3/4	12,968	3/4	2,311	3/4	3/4		3/4		3/4
3	66,379	3	55,647	3	44,915	3	34,182	3	23,476	3	12,744	3	2,107	3	3		3		3
1/4	66,156	1/4	55,423	1/4	44,691	1/4	33,959	1/4	23,252	1/4	12,521	1/4	1,902	1/4	1/4		1/4		1/4
1/2	65,932	1/2	55,200	1/2	44,467	1/2	33,735	1/2	23,029	1/2	12,297	1/2	1,735	1/2	1/2		1/2		1/2
3/4	65,708	3/4	54,976	3/4	44,244	3/4	33,512	3/4	22,805	3/4	12,073	3/4	1,567	3/4	3/4		3/4		3/4
4	65,485	4	54,753	4	44,020	4	33,288	4	22,582	4	11,850	4	1,399	4	4		4		4
1/4	65,261	1/4	54,529	1/4	43,797	1/4	33,064	1/4	22,358	1/4	11,626	1/4	1,232	1/4	1/4		1/4		1/4
1/2	65,038	1/2	54,305	1/2	43,573	1/2	32,842	1/2	22,135	1/2	11,403	1/2	1,101	1/2	1/2		1/2		1/2
3/4	64,814	3/4	54,082	3/4	43,349	3/4	32,619	3/4	21,911	3/4	11,179	3/4	971	3/4	3/4		3/4		3/4
5	64,590	5	53,858	5	43,126	5	32,396	5	21,687	5	10,956	5	840	5	5		5		5
1/4	64,367	1/4	53,635	1/4	42,902	1/4	32,173	1/4	21,464	1/4	10,732	1/4	710	1/4	1/4		1/4		1/4
1/2	64,143	1/2	53,411	1/2	42,679	1/2	31,950	1/2	21,240	1/2	10,508	1/2	617	1/2	1/2		1/2		1/2
3/4	63,920	3/4	53,187	3/4	42,455	3/4	31,727	3/4	21,017	3/4	10,285	3/4	524	3/4	3/4		3/4		3/4
6	63,696	6	52,964	6	42,232	6	31,504	6	20,793	6	10,061	6	430	6	6		6		6
1/4	63,472	1/4	52,740	1/4	42,008	1/4	31,281	1/4	20,569	1/4	9,838	1/4	337	1/4	1/4		1/4		1/4
1/2	63,249	1/2	52,517	1/2	41,784	1/2	31,059	1/2	20,346	1/2	9,614	1/2	281	1/2	1/2		1/2		1/2
3/4	63,025	3/4	52,293	3/4	41,561	3/4	30,836	3/4	20,122	3/4	9,390	3/4	226	3/4	3/4		3/4		3/4
7	62,802	7	52,069	7	41,337	7	30,613	7	19,899	7	9,167	7	170	7	7		7		7
1/4	62,578	1/4	51,846	1/4	41,114	1/4	30,390	1/4	19,675	1/4	8,943	1/4	114	1/4	1/4		1/4		1/4
1/2	62,355	1/2	51,622	1/2	40,890	1/2	30,167	1/2	19,452	1/2	8,720	1/2	95	1/2	1/2		1/2		1/2
3/4	62,131	3/4	51,399	3/4	40,666	3/4	29,944	3/4	19,228	3/4	8,496	3/4	77	3/4	3/4		3/4		3/4
8	61,907	8	51,175	8	40,443	8	29,721	8	19,004	8	8,273	8	58	8	8		8		8
1/4	61,684	1/4	50,952	1/4	40,219	1/4	29,498	1/4	18,781	1/4	8,049	1/4	39	1/4	1/4		1/4		1/4
1/2	61,460	1/2	50,728	1/2	39,996	1/2	29,276	1/2	18,557	1/2	7,825	1/2		1/2	1/2		1/2		1/2
3/4	61,237	3/4	50,504	3/4	39,772	3/4	29,053	3/4	18,334	3/4	7,602	3/4		3/4	3/4		3/4		3/4
9	61,013	9	50,281	9	39,548	9	28,830	9	18,110	9	7,378	9		9	9		9		9
1/4	60,789	1/4	50,057	1/4	39,325	1/4	28,607	1/4	17,887	1/4	7,155	1/4		1/4	1/4		1/4		1/4
1/2	60,566	1/2	49,834	1/2	39,101	1/2	28,384	1/2	17,663	1/2	6,931	1/2		1/2	1/2		1/2		1/2
3/4	60,342	3/4	49,610	3/4	38,878	3/4	28,161	3/4	17,439	3/4	6,708	3/4		3/4	3/4		3/4		3/4
10	60,119	10	49,386	10	38,654	10	27,938	10	17,216	10	6,485	10		10	10		10		10
1/4	59,895	1/4	49,163	1/4	38,431	1/4	27,716	1/4	16,992	1/4	6,261	1/4		1/4	1/4		1/4		1/4
1/2	59,671	1/2	48,939	1/2	38,207	1/2	27,493	1/2	16,769	1/2	6,038	1/2		1/2	1/2		1/2		1/2
3/4	59,448	3/4	48,716	3/4	37,983	3/4	27,270	3/4	16,545	3/4	5,815	3/4		3/4	3/4		3/4		3/4
11	59,224	11	48,492	11	37,760	11	27,047	11	16,321	11	5,592	11		11	11		11		11
1/4	59,001	1/4	48,268	1/4	37,536	1/4	26,824	1/4	16,098	1/4	5,369	1/4		1/4	1/4		1/4		1/4
1/2	58,777	1/2	48,045	1/2	37,313	1/2	26,601	1/2	15,874	1/2	5,147	1/2		1/2	1/2		1/2		1/2
3/4	58,554	3/4	47,821	3/4	37,089	3/4	26,378	3/4	15,651	3/4	4,925	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/21/2012 CL - SW  
CALCULATED: 03/21/2012 CL  
PRINTED: 03/21/2012 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2012

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