



# BARGE "CBC 80"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
3 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8

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

LENGTH BETWEEN DRAFT MARKS: 159'-03"

February 18, 2008

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

<http://www.pmacorp.net>



# BARGE "CBC 80"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	26	0	7,962	0	18,408	0	28,917	0	39,551	0	50,185	0	60,819	0	71,453	0	82,086	0	92,720
1/4	45	1/4	8,184	1/4	18,621	1/4	29,139	1/4	39,773	1/4	50,406	1/4	61,040	1/4	71,674	1/4	82,308	1/4	92,942
1/2	63	1/2	8,405	1/2	18,835	1/2	29,360	1/2	39,994	1/2	50,628	1/2	61,262	1/2	71,896	1/2	82,530	1/2	93,163
3/4	82	3/4	8,627	3/4	19,049	3/4	29,582	3/4	40,216	3/4	50,850	3/4	61,483	3/4	72,117	3/4	82,751	3/4	93,385
1	100	1	8,848	1	19,263	1	29,803	1	40,437	1	51,071	1	61,705	1	72,339	1	82,973	1	93,606
1/4	155	1/4	9,070	1/4	19,476	1/4	30,025	1/4	40,659	1/4	51,293	1/4	61,926	1/4	72,560	1/4	83,194	1/4	93,828
1/2	211	1/2	9,291	1/2	19,690	1/2	30,246	1/2	40,880	1/2	51,514	1/2	62,148	1/2	72,782	1/2	83,416	1/2	94,050
3/4	266	3/4	9,513	3/4	19,904	3/4	30,468	3/4	41,102	3/4	51,736	3/4	62,370	3/4	73,003	3/4	83,637	3/4	94,271
2	322	2	9,734	2	20,117	2	30,690	2	41,323	2	51,957	2	62,591	2	73,225	2	83,859	2	94,493
1/4	414	1/4	9,956	1/4	20,331	1/4	30,911	1/4	41,545	1/4	52,179	1/4	62,813	1/4	73,446	1/4	84,080	1/4	94,714
1/2	506	1/2	10,177	1/2	20,545	1/2	31,133	1/2	41,766	1/2	52,400	1/2	63,034	1/2	73,668	1/2	84,302	1/2	94,936
3/4	598	3/4	10,399	3/4	20,758	3/4	31,354	3/4	41,988	3/4	52,622	3/4	63,256	3/4	73,890	3/4	84,523	3/4	95,157
3	691	3	10,620	3	20,972	3	31,576	3	42,210	3	52,843	3	63,477	3	74,111	3	84,745	3	95,379
1/4	820	1/4	10,842	1/4	21,186	1/4	31,797	1/4	42,431	1/4	53,065	1/4	63,699	1/4	74,333	1/4	84,966	1/4	95,600
1/2	949	1/2	11,063	1/2	21,400	1/2	32,019	1/2	42,653	1/2	53,286	1/2	63,920	1/2	74,554	1/2	85,188	1/2	95,822
3/4	1,078	3/4	11,285	3/4	21,614	3/4	32,240	3/4	42,874	3/4	53,508	3/4	64,142	3/4	74,776	3/4	85,410	3/4	96,043
4	1,208	4	11,506	4	21,828	4	32,462	4	43,096	4	53,730	4	64,363	4	74,997	4	85,631	4	96,265
1/4	1,374	1/4	11,728	1/4	22,050	1/4	32,683	1/4	43,317	1/4	53,951	1/4	64,585	1/4	75,219	1/4	85,853	1/4	96,486
1/2	1,540	1/2	11,949	1/2	22,271	1/2	32,905	1/2	43,539	1/2	54,173	1/2	64,806	1/2	75,440	1/2	86,074	1/2	96,708
3/4	1,706	3/4	12,171	3/4	22,493	3/4	33,126	3/4	43,760	3/4	54,394	3/4	65,028	3/4	75,662	3/4	86,296	3/4	96,930
5	1,872	5	12,392	5	22,714	5	33,348	5	43,982	5	54,616	5	65,250	5	75,883	5	86,517	5	97,151
1/4	2,075	1/4	12,614	1/4	22,936	1/4	33,570	1/4	44,203	1/4	54,837	1/4	65,471	1/4	76,105	1/4	86,739	1/4	97,373
1/2	2,277	1/2	12,835	1/2	23,157	1/2	33,791	1/2	44,425	1/2	55,059	1/2	65,693	1/2	76,326	1/2	86,960	1/2	97,594
3/4	2,480	3/4	13,057	3/4	23,379	3/4	34,013	3/4	44,646	3/4	55,280	3/4	65,914	3/4	76,548	3/4	87,182	3/4	97,816
6	2,682	6	13,278	6	23,600	6	34,234	6	44,868	6	55,502	6	66,136	6	76,770	6	87,403	6	98,037
1/4	2,899	1/4	13,492	1/4	23,822	1/4	34,456	1/4	45,090	1/4	55,723	1/4	66,357	1/4	76,991	1/4	87,625	1/4	98,259
1/2	3,116	1/2	13,706	1/2	24,043	1/2	34,677	1/2	45,311	1/2	55,945	1/2	66,579	1/2	77,213	1/2	87,846	1/2	98,480
3/4	3,333	3/4	13,920	3/4	24,265	3/4	34,899	3/4	45,533	3/4	56,166	3/4	66,800	3/4	77,434	3/4	88,068	3/4	98,702
7	3,550	7	14,134	7	24,486	7	35,120	7	45,754	7	56,388	7	67,022	7	77,656	7	88,290	7	98,923
1/4	3,769	1/4	14,348	1/4	24,708	1/4	35,342	1/4	45,976	1/4	56,610	1/4	67,243	1/4	77,877	1/4	88,511	1/4	99,145
1/2	3,988	1/2	14,562	1/2	24,930	1/2	35,563	1/2	46,197	1/2	56,831	1/2	67,465	1/2	78,099	1/2	88,733	1/2	99,366
3/4	4,208	3/4	14,775	3/4	25,151	3/4	35,785	3/4	46,419	3/4	57,053	3/4	67,686	3/4	78,320	3/4	88,954	3/4	99,588
8	4,427	8	14,989	8	25,373	8	36,006	8	46,640	8	57,274	8	67,908	8	78,542	8	89,176	8	99,809
1/4	4,647	1/4	15,203	1/4	25,594	1/4	36,228	1/4	46,862	1/4	57,496	1/4	68,130	1/4	78,763	1/4	89,397	1/4	100,031
1/2	4,867	1/2	15,416	1/2	25,816	1/2	36,450	1/2	47,083	1/2	57,717	1/2	68,351	1/2	78,985	1/2	89,619	1/2	100,252
3/4	5,087	3/4	15,630	3/4	26,037	3/4	36,671	3/4	47,305	3/4	57,939	3/4	68,573	3/4	79,206	3/4	89,840	3/4	100,474
9	5,307	9	15,844	9	26,259	9	36,893	9	47,526	9	58,160	9	68,794	9	79,428	9	90,062	9	100,695
1/4	5,528	1/4	16,057	1/4	26,480	1/4	37,114	1/4	47,748	1/4	58,382	1/4	69,016	1/4	79,650	1/4	90,283	1/4	100,916
1/2	5,749	1/2	16,271	1/2	26,702	1/2	37,336	1/2	47,970	1/2	58,603	1/2	69,237	1/2	79,871	1/2	90,505	1/2	101,138
3/4	5,970	3/4	16,485	3/4	26,923	3/4	37,557	3/4	48,191	3/4	58,825	3/4	69,459	3/4	80,093	3/4	90,726	3/4	101,359
10	6,191	10	16,698	10	27,145	10	37,779	10	48,413	10	59,046	10	69,680	10	80,314	10	90,948	10	101,581
1/4	6,412	1/4	16,912	1/4	27,366	1/4	38,000	1/4	48,634	1/4	59,268	1/4	69,902	1/4	80,536	1/4	91,170	1/4	101,802
1/2	6,633	1/2	17,126	1/2	27,588	1/2	38,222	1/2	48,856	1/2	59,490	1/2	70,123	1/2	80,757	1/2	91,391	1/2	102,024
3/4	6,855	3/4	17,339	3/4	27,810	3/4	38,443	3/4	49,077	3/4	59,711	3/4	70,345	3/4	80,979	3/4	91,613	3/4	102,245
11	7,076	11	17,553	11	28,031	11	38,665	11	49,299	11	59,933	11	70,566	11	81,200	11	91,834	11	102,467
1/4	7,298	1/4	17,767	1/4	28,253	1/4	38,886	1/4	49,520	1/4	60,154	1/4	70,788	1/4	81,422	1/4	92,056	1/4	102,688
1/2	7,519	1/2	17,980	1/2	28,474	1/2	39,108	1/2	49,742	1/2	60,376	1/2	71,010	1/2	81,643	1/2	92,277	1/2	102,909
3/4	7,741	3/4	18,194	3/4	28,696	3/4	39,330	3/4	49,963	3/4	60,597	3/4	71,231	3/4	81,865	3/4	92,499	3/4	103,131

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'-09" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 80"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	103,352	0	113,982	0	124,575	0	135,110	0	143,762	0		0	0	0	0	0	0	0	0
1/4	103,574	1/4	114,203	1/4	124,794	1/4	135,329	1/4	143,777	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	103,795	1/2	114,425	1/2	125,014	1/2	135,548	1/2	143,792	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104,017	3/4	114,646	3/4	125,234	3/4	135,767	3/4	143,808	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	104,238	1	114,868	1	125,453	1	135,986	1	143,823	1		1	1	1	1	1	1	1	1
1/4	104,460	1/4	115,089	1/4	125,673	1/4	136,206	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,681	1/2	115,311	1/2	125,893	1/2	136,425	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104,903	3/4	115,532	3/4	126,112	3/4	136,645	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	105,124	2	115,753	2	126,332	2	136,864	2		2		2	2	2	2	2	2	2	2
1/4	105,345	1/4	115,975	1/4	126,551	1/4	137,084	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,567	1/2	116,196	1/2	126,771	1/2	137,304	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,788	3/4	116,418	3/4	126,991	3/4	137,523	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	106,010	3	116,639	3	127,210	3	137,743	3		3		3	3	3	3	3	3	3	3
1/4	106,231	1/4	116,861	1/4	127,430	1/4	137,961	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,453	1/2	117,082	1/2	127,650	1/2	138,180	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,674	3/4	117,304	3/4	127,869	3/4	138,398	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	106,896	4	117,525	4	128,089	4	138,617	4		4		4	4	4	4	4	4	4	4
1/4	107,117	1/4	117,746	1/4	128,308	1/4	138,835	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,338	1/2	117,968	1/2	128,528	1/2	139,054	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,560	3/4	118,189	3/4	128,748	3/4	139,272	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	107,781	5	118,411	5	128,967	5	139,491	5		5		5	5	5	5	5	5	5	5
1/4	108,003	1/4	118,632	1/4	129,187	1/4	139,709	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,224	1/2	118,854	1/2	129,407	1/2	139,928	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,446	3/4	119,075	3/4	129,626	3/4	140,146	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	108,667	6	119,297	6	129,846	6	140,365	6		6		6	6	6	6	6	6	6	6
1/4	108,889	1/4	119,518	1/4	130,065	1/4	140,583	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,110	1/2	119,739	1/2	130,285	1/2	140,801	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,331	3/4	119,961	3/4	130,505	3/4	141,020	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	109,553	7	120,182	7	130,724	7	141,238	7		7		7	7	7	7	7	7	7	7
1/4	109,774	1/4	120,402	1/4	130,944	1/4	141,438	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,996	1/2	120,622	1/2	131,164	1/2	141,638	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,217	3/4	120,841	3/4	131,383	3/4	141,838	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	110,439	8	121,061	8	131,603	8	142,038	8		8		8	8	8	8	8	8	8	8
1/4	110,660	1/4	121,280	1/4	131,822	1/4	142,201	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,882	1/2	121,500	1/2	132,042	1/2	142,365	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,103	3/4	121,720	3/4	132,262	3/4	142,528	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	111,324	9	121,939	9	132,481	9	142,691	9		9		9	9	9	9	9	9	9	9
1/4	111,546	1/4	122,159	1/4	132,700	1/4	142,817	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,767	1/2	122,379	1/2	132,919	1/2	142,943	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,989	3/4	122,598	3/4	133,138	3/4	143,069	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	112,210	10	122,818	10	133,357	10	143,195	10		10		10	10	10	10	10	10	10	10
1/4	112,432	1/4	123,037	1/4	133,576	1/4	143,285	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,653	1/2	123,257	1/2	133,796	1/2	143,374	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,875	3/4	123,477	3/4	134,015	3/4	143,463	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	113,096	11	123,696	11	134,234	11	143,552	11		11		11	11	11	11	11	11	11	11
1/4	113,318	1/4	123,916	1/4	134,453	1/4	143,605	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,539	1/2	124,136	1/2	134,672	1/2	143,657	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,760	3/4	124,355	3/4	134,891	3/4	143,709	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: 02/18/2008 CL - SW  
CALCULATED: 02/18/2008 CL  
PRINTED: 02/18/2008 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2008

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



# BARGE "CBC 80"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	26	0	8,984	0	20,810	0	32,697	0	44,700	0	56,702	0	68,705	0	80,708	0	92,711	0	104,714
1/4	47	1/4	9,234	1/4	21,053	1/4	32,947	1/4	44,950	1/4	56,952	1/4	68,955	1/4	80,958	1/4	92,961	1/4	104,964
1/2	68	1/2	9,484	1/2	21,296	1/2	33,197	1/2	45,200	1/2	57,202	1/2	69,205	1/2	81,208	1/2	93,211	1/2	105,214
3/4	89	3/4	9,734	3/4	21,538	3/4	33,447	3/4	45,450	3/4	57,453	3/4	69,455	3/4	81,458	3/4	93,461	3/4	105,464
1	109	1	9,984	1	21,781	1	33,697	1	45,700	1	57,703	1	69,705	1	81,708	1	93,711	1	105,714
1/4	172	1/4	10,234	1/4	22,024	1/4	33,947	1/4	45,950	1/4	57,953	1/4	69,955	1/4	81,958	1/4	93,961	1/4	105,964
1/2	234	1/2	10,484	1/2	22,267	1/2	34,197	1/2	46,200	1/2	58,203	1/2	70,206	1/2	82,208	1/2	94,211	1/2	106,214
3/4	297	3/4	10,734	3/4	22,509	3/4	34,447	3/4	46,450	3/4	58,453	3/4	70,456	3/4	82,458	3/4	94,461	3/4	106,464
2	359	2	10,984	2	22,752	2	34,697	2	46,700	2	58,703	2	70,706	2	82,708	2	94,711	2	106,714
1/4	464	1/4	11,234	1/4	22,995	1/4	34,947	1/4	46,950	1/4	58,953	1/4	70,956	1/4	82,959	1/4	94,961	1/4	106,964
1/2	568	1/2	11,484	1/2	23,237	1/2	35,197	1/2	47,200	1/2	59,203	1/2	71,206	1/2	83,209	1/2	95,211	1/2	107,214
3/4	672	3/4	11,734	3/4	23,480	3/4	35,447	3/4	47,450	3/4	59,453	3/4	71,456	3/4	83,459	3/4	95,461	3/4	107,464
3	776	3	11,984	3	23,723	3	35,697	3	47,700	3	59,703	3	71,706	3	83,709	3	95,712	3	107,714
1/4	922	1/4	12,234	1/4	23,966	1/4	35,948	1/4	47,950	1/4	59,953	1/4	71,956	1/4	83,959	1/4	95,962	1/4	107,964
1/2	1,068	1/2	12,484	1/2	24,209	1/2	36,198	1/2	48,200	1/2	60,203	1/2	72,206	1/2	84,209	1/2	96,212	1/2	108,214
3/4	1,214	3/4	12,734	3/4	24,452	3/4	36,448	3/4	48,450	3/4	60,453	3/4	72,456	3/4	84,459	3/4	96,462	3/4	108,464
4	1,359	4	12,984	4	24,695	4	36,698	4	48,700	4	60,703	4	72,706	4	84,709	4	96,712	4	108,715
1/4	1,547	1/4	13,234	1/4	24,945	1/4	36,948	1/4	48,951	1/4	60,953	1/4	72,956	1/4	84,959	1/4	96,962	1/4	108,965
1/2	1,735	1/2	13,484	1/2	25,195	1/2	37,198	1/2	49,201	1/2	61,203	1/2	73,206	1/2	85,209	1/2	97,212	1/2	109,215
3/4	1,922	3/4	13,734	3/4	25,445	3/4	37,448	3/4	49,451	3/4	61,453	3/4	73,456	3/4	85,459	3/4	97,462	3/4	109,465
5	2,110	5	13,984	5	25,695	5	37,698	5	49,701	5	61,704	5	73,706	5	85,709	5	97,712	5	109,715
1/4	2,338	1/4	14,234	1/4	25,945	1/4	37,948	1/4	49,951	1/4	61,954	1/4	73,956	1/4	85,959	1/4	97,962	1/4	109,965
1/2	2,567	1/2	14,484	1/2	26,195	1/2	38,198	1/2	50,201	1/2	62,204	1/2	74,206	1/2	86,209	1/2	98,212	1/2	110,215
3/4	2,795	3/4	14,734	3/4	26,445	3/4	38,448	3/4	50,451	3/4	62,454	3/4	74,457	3/4	86,459	3/4	98,462	3/4	110,465
6	3,024	6	14,984	6	26,695	6	38,698	6	50,701	6	62,704	6	74,707	6	86,709	6	98,712	6	110,715
1/4	3,269	1/4	15,227	1/4	26,945	1/4	38,948	1/4	50,951	1/4	62,954	1/4	74,957	1/4	86,959	1/4	98,962	1/4	110,965
1/2	3,514	1/2	15,470	1/2	27,195	1/2	39,198	1/2	51,201	1/2	63,204	1/2	75,207	1/2	87,210	1/2	99,212	1/2	111,215
3/4	3,759	3/4	15,713	3/4	27,446	3/4	39,448	3/4	51,451	3/4	63,454	3/4	75,457	3/4	87,460	3/4	99,462	3/4	111,465
7	4,004	7	15,956	7	27,696	7	39,698	7	51,701	7	63,704	7	75,707	7	87,710	7	99,712	7	111,715
1/4	4,251	1/4	16,199	1/4	27,946	1/4	39,948	1/4	51,951	1/4	63,954	1/4	75,957	1/4	87,960	1/4	99,963	1/4	111,965
1/2	4,498	1/2	16,442	1/2	28,196	1/2	40,198	1/2	52,201	1/2	64,204	1/2	76,207	1/2	88,210	1/2	100,213	1/2	112,215
3/4	4,746	3/4	16,684	3/4	28,446	3/4	40,449	3/4	52,451	3/4	64,454	3/4	76,457	3/4	88,460	3/4	100,463	3/4	112,465
8	4,993	8	16,927	8	28,696	8	40,699	8	52,701	8	64,704	8	76,707	8	88,710	8	100,713	8	112,715
1/4	5,241	1/4	17,170	1/4	28,946	1/4	40,949	1/4	52,951	1/4	64,954	1/4	76,957	1/4	88,960	1/4	100,963	1/4	112,965
1/2	5,490	1/2	17,413	1/2	29,196	1/2	41,199	1/2	53,202	1/2	65,204	1/2	77,207	1/2	89,210	1/2	101,213	1/2	113,215
3/4	5,738	3/4	17,655	3/4	29,446	3/4	41,449	3/4	53,452	3/4	65,454	3/4	77,457	3/4	89,460	3/4	101,463	3/4	113,465
9	5,987	9	17,898	9	29,696	9	41,699	9	53,702	9	65,704	9	77,707	9	89,710	9	101,713	9	113,715
1/4	6,236	1/4	18,141	1/4	29,946	1/4	41,949	1/4	53,952	1/4	65,955	1/4	77,957	1/4	89,960	1/4	101,963	1/4	113,965
1/2	6,486	1/2	18,383	1/2	30,196	1/2	42,199	1/2	54,202	1/2	66,205	1/2	78,207	1/2	90,210	1/2	102,213	1/2	114,215
3/4	6,735	3/4	18,626	3/4	30,446	3/4	42,449	3/4	54,452	3/4	66,455	3/4	78,457	3/4	90,460	3/4	102,463	3/4	114,465
10	6,984	10	18,869	10	30,696	10	42,699	10	54,702	10	66,705	10	78,708	10	90,710	10	102,713	10	114,715
1/4	7,234	1/4	19,111	1/4	30,946	1/4	42,949	1/4	54,952	1/4	66,955	1/4	78,958	1/4	90,960	1/4	102,963	1/4	114,965
1/2	7,484	1/2	19,354	1/2	31,196	1/2	43,199	1/2	55,202	1/2	67,205	1/2	79,208	1/2	91,210	1/2	103,213	1/2	115,215
3/4	7,734	3/4	19,597	3/4	31,446	3/4	43,449	3/4	55,452	3/4	67,455	3/4	79,458	3/4	91,461	3/4	103,463	3/4	115,465
11	7,984	11	19,840	11	31,697	11	43,699	11	55,702	11	67,705	11	79,708	11	91,711	11	103,713	11	115,715
1/4	8,234	1/4	20,082	1/4	31,947	1/4	43,949	1/4	55,952	1/4	67,955	1/4	79,958	1/4	91,961	1/4	103,963	1/4	115,964
1/2	8,484	1/2	20,325	1/2	32,197	1/2	44,199	1/2	56,202	1/2	68,205	1/2	80,208	1/2	92,211	1/2	104,213	1/2	116,214
3/4	8,734	3/4	20,568	3/4	32,447	3/4	44,449	3/4	56,452	3/4	68,455	3/4	80,458	3/4	92,461	3/4	104,464	3/4	116,464

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 31'-09" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 80"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	116,714	0	128,712	0	140,669	0	152,560	0	162,326	0		0		0		0		0	
1/4	116,964	1/4	128,962	1/4	140,917	1/4	152,807	1/4	162,343	1/4		1/4		1/4		1/4		1/4	
1/2	117,214	1/2	129,212	1/2	141,165	1/2	153,055	1/2	162,360	1/2		1/2		1/2		1/2		1/2	
3/4	117,464	3/4	129,462	3/4	141,413	3/4	153,302	3/4	162,378	3/4		3/4		3/4		3/4		3/4	
1	117,714	1	129,712	1	141,660	1	153,549	1	162,395	1		1		1		1		1	
1 1/4	117,964	1 1/4	129,962	1 1/4	141,908	1 1/4	153,797	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	118,214	1 1/2	130,212	1 1/2	142,156	1 1/2	154,045	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	118,464	3/4	130,462	3/4	142,404	3/4	154,293	3/4		3/4		3/4		3/4		3/4		3/4	
2	118,714	2	130,712	2	142,652	2	154,541	2		2		2		2		2		2	
1 1/4	118,964	1 1/4	130,962	1 1/4	142,900	1 1/4	154,788	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	119,214	1 1/2	131,212	1 1/2	143,148	1 1/2	155,036	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	119,464	3/4	131,462	3/4	143,396	3/4	155,284	3/4		3/4		3/4		3/4		3/4		3/4	
3	119,714	3	131,712	3	143,644	3	155,532	3		3		3		3		3		3	
1 1/4	119,964	1 1/4	131,962	1 1/4	143,892	1 1/4	155,779	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	120,214	1 1/2	132,212	1 1/2	144,139	1 1/2	156,025	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	120,464	3/4	132,462	3/4	144,387	3/4	156,272	3/4		3/4		3/4		3/4		3/4		3/4	
4	120,714	4	132,711	4	144,635	4	156,519	4		4		4		4		4		4	
1 1/4	120,964	1 1/4	132,961	1 1/4	144,883	1 1/4	156,765	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	121,214	1 1/2	133,211	1 1/2	145,131	1 1/2	157,012	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	121,464	3/4	133,461	3/4	145,379	3/4	157,258	3/4		3/4		3/4		3/4		3/4		3/4	
5	121,713	5	133,711	5	145,627	5	157,505	5		5		5		5		5		5	
1 1/4	121,963	1 1/4	133,961	1 1/4	145,875	1 1/4	157,751	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	122,213	1 1/2	134,211	1 1/2	146,123	1 1/2	157,998	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	122,463	3/4	134,461	3/4	146,370	3/4	158,245	3/4		3/4		3/4		3/4		3/4		3/4	
6	122,713	6	134,711	6	146,618	6	158,491	6		6		6		6		6		6	
1 1/4	122,963	1 1/4	134,961	1 1/4	146,866	1 1/4	158,738	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	123,213	1 1/2	135,211	1 1/2	147,114	1 1/2	158,984	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	123,463	3/4	135,461	3/4	147,362	3/4	159,231	3/4		3/4		3/4		3/4		3/4		3/4	
7	123,713	7	135,711	7	147,610	7	159,478	7		7		7		7		7		7	
1 1/4	123,963	1 1/4	135,959	1 1/4	147,858	1 1/4	159,703	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	124,213	1 1/2	136,207	1 1/2	148,106	1 1/2	159,929	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	124,463	3/4	136,455	3/4	148,354	3/4	160,155	3/4		3/4		3/4		3/4		3/4		3/4	
8	124,713	8	136,703	8	148,602	8	160,381	8		8		8		8		8		8	
1 1/4	124,963	1 1/4	136,950	1 1/4	148,849	1 1/4	160,565	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	125,213	1 1/2	137,198	1 1/2	149,097	1 1/2	160,749	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	125,463	3/4	137,446	3/4	149,345	3/4	160,933	3/4		3/4		3/4		3/4		3/4		3/4	
9	125,713	9	137,694	9	149,593	9	161,117	9		9		9		9		9		9	
1 1/4	125,963	1 1/4	137,942	1 1/4	149,840	1 1/4	161,259	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	126,213	1 1/2	138,190	1 1/2	150,088	1 1/2	161,402	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	126,463	3/4	138,438	3/4	150,335	3/4	161,544	3/4		3/4		3/4		3/4		3/4		3/4	
10	126,713	10	138,686	10	150,582	10	161,686	10		10		10		10		10		10	
1 1/4	126,963	1 1/4	138,934	1 1/4	150,829	1 1/4	161,787	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	127,212	1 1/2	139,181	1 1/2	151,077	1 1/2	161,888	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	127,462	3/4	139,429	3/4	151,324	3/4	161,989	3/4		3/4		3/4		3/4		3/4		3/4	
11	127,712	11	139,677	11	151,571	11	162,089	11		11		11		11		11		11	
1 1/4	127,962	1 1/4	139,925	1 1/4	151,818	1 1/4	162,148	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	128,212	1 1/2	140,173	1 1/2	152,066	1 1/2	162,207	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	128,462	3/4	140,421	3/4	152,313	3/4	162,267	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/18/2008 CL - SW  
CALCULATED: 02/18/2008 CL  
PRINTED: 02/18/2008 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2008

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



# BARGE "CBC 80"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	26	0	8,064	0	18,815	0	29,574	0	40,344	0	51,114	0	61,884	0	72,654	0	83,424	0	94,194
1/4	45	1/4	8,288	1/4	19,039	1/4	29,798	1/4	40,568	1/4	51,338	1/4	62,108	1/4	72,878	1/4	83,649	1/4	94,419
1/2	64	1/2	8,512	1/2	19,262	1/2	30,022	1/2	40,792	1/2	51,563	1/2	62,333	1/2	73,103	1/2	83,873	1/2	94,643
3/4	82	3/4	8,737	3/4	19,486	3/4	30,247	3/4	41,017	3/4	51,787	3/4	62,557	3/4	73,327	3/4	84,097	3/4	94,867
1	101	1	8,961	1	19,709	1	30,471	1	41,241	1	52,011	1	62,781	1	73,552	1	84,322	1	95,092
1/4	157	1/4	9,185	1/4	19,933	1/4	30,695	1/4	41,466	1/4	52,236	1/4	63,006	1/4	73,776	1/4	84,546	1/4	95,316
1/2	213	1/2	9,410	1/2	20,156	1/2	30,920	1/2	41,690	1/2	52,460	1/2	63,230	1/2	74,000	1/2	84,770	1/2	95,541
3/4	269	3/4	9,634	3/4	20,380	3/4	31,144	3/4	41,914	3/4	52,684	3/4	63,455	3/4	74,225	3/4	84,995	3/4	95,765
2	325	2	9,859	2	20,604	2	31,369	2	42,139	2	52,909	2	63,679	2	74,449	2	85,219	2	95,989
1/4	419	1/4	10,083	1/4	20,827	1/4	31,593	1/4	42,363	1/4	53,133	1/4	63,903	1/4	74,673	1/4	85,444	1/4	96,214
1/2	512	1/2	10,307	1/2	21,051	1/2	31,817	1/2	42,587	1/2	53,358	1/2	64,128	1/2	74,898	1/2	85,668	1/2	96,438
3/4	606	3/4	10,532	3/4	21,274	3/4	32,042	3/4	42,812	3/4	53,582	3/4	64,352	3/4	75,122	3/4	85,892	3/4	96,663
3	699	3	10,756	3	21,498	3	32,266	3	43,036	3	53,806	3	64,576	3	75,347	3	86,117	3	96,887
1/4	830	1/4	10,980	1/4	21,722	1/4	32,490	1/4	43,261	1/4	54,031	1/4	64,801	1/4	75,571	1/4	86,341	1/4	97,111
1/2	961	1/2	11,205	1/2	21,946	1/2	32,715	1/2	43,485	1/2	54,255	1/2	65,025	1/2	75,795	1/2	86,566	1/2	97,336
3/4	1,092	3/4	11,429	3/4	22,170	3/4	32,939	3/4	43,709	3/4	54,479	3/4	65,250	3/4	76,020	3/4	86,790	3/4	97,560
4	1,223	4	11,653	4	22,393	4	33,164	4	43,934	4	54,704	4	65,474	4	76,244	4	87,014	4	97,784
1/4	1,391	1/4	11,878	1/4	22,618	1/4	33,388	1/4	44,158	1/4	54,928	1/4	65,698	1/4	76,468	1/4	87,239	1/4	98,009
1/2	1,559	1/2	12,102	1/2	22,842	1/2	33,612	1/2	44,382	1/2	55,152	1/2	65,923	1/2	76,693	1/2	87,463	1/2	98,233
3/4	1,727	3/4	12,326	3/4	23,067	3/4	33,837	3/4	44,607	3/4	55,377	3/4	66,147	3/4	76,917	3/4	87,687	3/4	98,458
5	1,896	5	12,551	5	23,291	5	34,061	5	44,831	5	55,601	5	66,371	5	77,142	5	87,912	5	98,682
1/4	2,101	1/4	12,775	1/4	23,515	1/4	34,285	1/4	45,056	1/4	55,826	1/4	66,596	1/4	77,366	1/4	88,136	1/4	98,906
1/2	2,306	1/2	12,999	1/2	23,740	1/2	34,510	1/2	45,280	1/2	56,050	1/2	66,820	1/2	77,590	1/2	88,361	1/2	99,131
3/4	2,511	3/4	13,224	3/4	23,964	3/4	34,734	3/4	45,504	3/4	56,274	3/4	67,045	3/4	77,815	3/4	88,585	3/4	99,355
6	2,716	6	13,448	6	24,188	6	34,959	6	45,729	6	56,499	6	67,269	6	78,039	6	88,809	6	99,579
1/4	2,936	1/4	13,672	1/4	24,413	1/4	35,183	1/4	45,953	1/4	56,723	1/4	67,493	1/4	78,264	1/4	89,034	1/4	99,804
1/2	3,156	1/2	13,896	1/2	24,637	1/2	35,407	1/2	46,177	1/2	56,948	1/2	67,718	1/2	78,488	1/2	89,258	1/2	100,028
3/4	3,376	3/4	14,120	3/4	24,862	3/4	35,632	3/4	46,402	3/4	57,172	3/4	67,942	3/4	78,712	3/4	89,482	3/4	100,253
7	3,595	7	14,344	7	25,086	7	35,856	7	46,626	7	57,396	7	68,167	7	78,937	7	89,707	7	100,477
1/4	3,817	1/4	14,567	1/4	25,310	1/4	36,080	1/4	46,851	1/4	57,621	1/4	68,391	1/4	79,161	1/4	89,931	1/4	100,701
1/2	4,039	1/2	14,791	1/2	25,535	1/2	36,305	1/2	47,075	1/2	57,845	1/2	68,615	1/2	79,385	1/2	90,156	1/2	100,926
3/4	4,261	3/4	15,014	3/4	25,759	3/4	36,529	3/4	47,299	3/4	58,070	3/4	68,840	3/4	79,610	3/4	90,380	3/4	101,150
8	4,483	8	15,238	8	25,983	8	36,754	8	47,524	8	58,294	8	69,064	8	79,834	8	90,604	8	101,374
1/4	4,706	1/4	15,461	1/4	26,208	1/4	36,978	1/4	47,748	1/4	58,518	1/4	69,288	1/4	80,059	1/4	90,829	1/4	101,599
1/2	4,929	1/2	15,685	1/2	26,432	1/2	37,202	1/2	47,973	1/2	58,743	1/2	69,513	1/2	80,283	1/2	91,053	1/2	101,823
3/4	5,152	3/4	15,909	3/4	26,657	3/4	37,427	3/4	48,197	3/4	58,967	3/4	69,737	3/4	80,507	3/4	91,277	3/4	102,048
9	5,375	9	16,132	9	26,881	9	37,651	9	48,421	9	59,191	9	69,962	9	80,732	9	91,502	9	102,272
1/4	5,598	1/4	16,356	1/4	27,105	1/4	37,875	1/4	48,646	1/4	59,416	1/4	70,186	1/4	80,956	1/4	91,726	1/4	102,496
1/2	5,822	1/2	16,579	1/2	27,330	1/2	38,100	1/2	48,870	1/2	59,640	1/2	70,410	1/2	81,180	1/2	91,951	1/2	102,721
3/4	6,046	3/4	16,803	3/4	27,554	3/4	38,324	3/4	49,094	3/4	59,865	3/4	70,635	3/4	81,405	3/4	92,175	3/4	102,945
10	6,270	10	17,026	10	27,778	10	38,549	10	49,319	10	60,089	10	70,859	10	81,629	10	92,399	10	103,169
1/4	6,494	1/4	17,250	1/4	28,003	1/4	38,773	1/4	49,543	1/4	60,313	1/4	71,083	1/4	81,854	1/4	92,624	1/4	103,394
1/2	6,718	1/2	17,474	1/2	28,227	1/2	38,997	1/2	49,768	1/2	60,538	1/2	71,308	1/2	82,078	1/2	92,848	1/2	103,618
3/4	6,942	3/4	17,697	3/4	28,452	3/4	39,222	3/4	49,992	3/4	60,762	3/4	71,532	3/4	82,302	3/4	93,072	3/4	103,843
11	7,166	11	17,921	11	28,676	11	39,446	11	50,216	11	60,986	11	71,757	11	82,527	11	93,297	11	104,067
1/4	7,391	1/4	18,144	1/4	28,900	1/4	39,671	1/4	50,441	1/4	61,211	1/4	71,981	1/4	82,751	1/4	93,521	1/4	104,291
1/2	7,615	1/2	18,368	1/2	29,125	1/2	39,895	1/2	50,665	1/2	61,435	1/2	72,205	1/2	82,975	1/2	93,746	1/2	104,516
3/4	7,839	3/4	18,591	3/4	29,349	3/4	40,119	3/4	50,889	3/4	61,660	3/4	72,430	3/4	83,200	3/4	93,970	3/4	104,740

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 27'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 80"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	104,964	0	115,734	0	126,466	0	137,138	0	145,903	0	0	0	0	0	0	0	0	0	0
1/4	105,189	1/4	115,959	1/4	126,689	1/4	137,360	1/4	145,919	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,413	1/2	116,183	1/2	126,911	1/2	137,582	1/2	145,934	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,637	3/4	116,407	3/4	127,134	3/4	137,804	3/4	145,950	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,862	1	116,632	1	127,356	1	138,026	1	145,965	1	1	1	1	1	1	1	1	1	1
1/4	106,086	1/4	116,856	1/4	127,579	1/4	138,248	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,311	1/2	117,080	1/2	127,801	1/2	138,471	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,535	3/4	117,305	3/4	128,024	3/4	138,693	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,759	2	117,529	2	128,246	2	138,916	2	2	2	2	2	2	2	2	2	2	2	2
1/4	106,984	1/4	117,754	1/4	128,469	1/4	139,138	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,208	1/2	117,978	1/2	128,691	1/2	139,361	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,432	3/4	118,202	3/4	128,913	3/4	139,583	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,657	3	118,427	3	129,136	3	139,806	3	3	3	3	3	3	3	3	3	3	3	3
1/4	107,881	1/4	118,651	1/4	129,358	1/4	140,027	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,106	1/2	118,875	1/2	129,581	1/2	140,248	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,330	3/4	119,100	3/4	129,803	3/4	140,470	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,554	4	119,324	4	130,026	4	140,691	4	4	4	4	4	4	4	4	4	4	4	4
1/4	108,779	1/4	119,548	1/4	130,248	1/4	140,912	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,003	1/2	119,773	1/2	130,471	1/2	141,133	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,227	3/4	119,997	3/4	130,693	3/4	141,355	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,452	5	120,222	5	130,916	5	141,576	5	5	5	5	5	5	5	5	5	5	5	5
1/4	109,676	1/4	120,446	1/4	131,138	1/4	141,797	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,901	1/2	120,670	1/2	131,361	1/2	142,019	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,125	3/4	120,895	3/4	131,583	3/4	142,240	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,349	6	121,119	6	131,806	6	142,461	6	6	6	6	6	6	6	6	6	6	6	6
1/4	110,574	1/4	121,343	1/4	132,028	1/4	142,683	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,798	1/2	121,568	1/2	132,251	1/2	142,904	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,022	3/4	121,792	3/4	132,473	3/4	143,125	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	111,247	7	122,017	7	132,696	7	143,347	7	7	7	7	7	7	7	7	7	7	7	7
1/4	111,471	1/4	122,239	1/4	132,918	1/4	143,549	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,695	1/2	122,462	1/2	133,141	1/2	143,752	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,920	3/4	122,684	3/4	133,363	3/4	143,954	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	112,144	8	122,906	8	133,586	8	144,157	8	8	8	8	8	8	8	8	8	8	8	8
1/4	112,369	1/4	123,129	1/4	133,808	1/4	144,322	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,593	1/2	123,351	1/2	134,031	1/2	144,487	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,817	3/4	123,574	3/4	134,253	3/4	144,653	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	113,042	9	123,796	9	134,475	9	144,818	9	9	9	9	9	9	9	9	9	9	9	9
1/4	113,266	1/4	124,019	1/4	134,697	1/4	144,946	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,490	1/2	124,241	1/2	134,919	1/2	145,073	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,715	3/4	124,464	3/4	135,141	3/4	145,201	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,939	10	124,686	10	135,363	10	145,329	10	10	10	10	10	10	10	10	10	10	10	10
1/4	114,164	1/4	124,909	1/4	135,585	1/4	145,420	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,388	1/2	125,131	1/2	135,807	1/2	145,510	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,612	3/4	125,354	3/4	136,029	3/4	145,600	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,837	11	125,576	11	136,251	11	145,691	11	11	11	11	11	11	11	11	11	11	11	11
1/4	115,061	1/4	125,799	1/4	136,473	1/4	145,744	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,285	1/2	126,021	1/2	136,694	1/2	145,797	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,510	3/4	126,244	3/4	136,916	3/4	145,850	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: 02/18/2008 CL - SW  
CALCULATED: 02/18/2008 CL  
PRINTED: 02/18/2008 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2008

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



# BARGE "CBC 80"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8

(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 2 CENTER IS - 00-1/4"  
 FOR A MEASURED INNGAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNGAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 159'-03"

February 18, 2008

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

<http://www.pmacorp.net>



# BARGE "CBC 80"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	143,762	0	135,110	0	124,575	0	113,982	0	103,352	0	92,720	0	82,086	0	71,453	0	60,819		
1/4	1/4	143,709	1/4	134,891	1/4	124,355	1/4	113,760	1/4	103,131	1/4	92,499	1/4	81,865	1/4	71,231	1/4	60,597		
1/2	1/2	143,657	1/2	134,672	1/2	124,136	1/2	113,539	1/2	102,909	1/2	92,277	1/2	81,643	1/2	71,010	1/2	60,376		
3/4	3/4	143,605	3/4	134,453	3/4	123,916	3/4	113,318	3/4	102,688	3/4	92,056	3/4	81,422	3/4	70,788	3/4	60,154		
1	1	143,552	1	134,234	1	123,696	1	113,096	1	102,467	1	91,834	1	81,200	1	70,566	1	59,933		
1/4	1/4	143,463	1/4	134,015	1/4	123,477	1/4	112,875	1/4	102,245	1/4	91,613	1/4	80,979	1/4	70,345	1/4	59,711		
1/2	1/2	143,374	1/2	133,796	1/2	123,257	1/2	112,653	1/2	102,024	1/2	91,391	1/2	80,757	1/2	70,123	1/2	59,490		
3/4	3/4	143,285	3/4	133,576	3/4	123,037	3/4	112,432	3/4	101,802	3/4	91,170	3/4	80,536	3/4	69,902	3/4	59,268		
2	2	143,195	2	133,357	2	122,818	2	112,210	2	101,581	2	90,948	2	80,314	2	69,680	2	59,046		
1/4	1/4	143,069	1/4	133,138	1/4	122,598	1/4	111,989	1/4	101,359	1/4	90,726	1/4	80,093	1/4	69,459	1/4	58,825		
1/2	1/2	142,943	1/2	132,919	1/2	122,379	1/2	111,767	1/2	101,138	1/2	90,505	1/2	79,871	1/2	69,237	1/2	58,603		
3/4	3/4	142,817	3/4	132,700	3/4	122,159	3/4	111,546	3/4	100,916	3/4	90,283	3/4	79,650	3/4	69,016	3/4	58,382		
3	3	142,691	3	132,481	3	121,939	3	111,324	3	100,695	3	90,062	3	79,428	3	68,794	3	58,160		
1/4	1/4	142,528	1/4	132,262	1/4	121,720	1/4	111,103	1/4	100,474	1/4	89,840	1/4	79,206	1/4	68,573	1/4	57,939		
1/2	1/2	142,365	1/2	132,042	1/2	121,500	1/2	110,882	1/2	100,252	1/2	89,619	1/2	78,985	1/2	68,351	1/2	57,717		
3/4	3/4	142,201	3/4	131,822	3/4	121,280	3/4	110,660	3/4	100,031	3/4	89,397	3/4	78,763	3/4	68,130	3/4	57,496		
4	4	142,038	4	131,603	4	121,061	4	110,439	4	99,809	4	89,176	4	78,542	4	67,908	4	57,274		
1/4	1/4	141,838	1/4	131,383	1/4	120,841	1/4	110,217	1/4	99,588	1/4	88,954	1/4	78,320	1/4	67,686	1/4	57,053		
1/2	1/2	141,638	1/2	131,164	1/2	120,622	1/2	109,996	1/2	99,366	1/2	88,733	1/2	78,099	1/2	67,465	1/2	56,831		
3/4	3/4	141,438	3/4	130,944	3/4	120,402	3/4	109,774	3/4	99,145	3/4	88,511	3/4	77,877	3/4	67,243	3/4	56,610		
5	5	141,238	5	130,724	5	120,182	5	109,553	5	98,923	5	88,290	5	77,656	5	67,022	5	56,388		
1/4	1/4	141,020	1/4	130,505	1/4	119,961	1/4	109,331	1/4	98,702	1/4	88,068	1/4	77,434	1/4	66,800	1/4	56,166		
1/2	1/2	140,801	1/2	130,285	1/2	119,739	1/2	109,110	1/2	98,480	1/2	87,846	1/2	77,213	1/2	66,579	1/2	55,945		
3/4	3/4	140,583	3/4	130,065	3/4	119,518	3/4	108,889	3/4	98,259	3/4	87,625	3/4	76,991	3/4	66,357	3/4	55,723		
6	6	140,365	6	129,846	6	119,297	6	108,667	6	98,037	6	87,403	6	76,770	6	66,136	6	55,502		
1/4	1/4	140,146	1/4	129,626	1/4	119,075	1/4	108,446	1/4	97,816	1/4	87,182	1/4	76,548	1/4	65,914	1/4	55,280		
1/2	1/2	139,928	1/2	129,407	1/2	118,854	1/2	108,224	1/2	97,594	1/2	86,960	1/2	76,326	1/2	65,693	1/2	55,059		
3/4	3/4	139,709	3/4	129,187	3/4	118,632	3/4	108,003	3/4	97,373	3/4	86,739	3/4	76,105	3/4	65,471	3/4	54,837		
7	7	139,491	7	128,967	7	118,411	7	107,781	7	97,151	7	86,517	7	75,883	7	65,250	7	54,616		
1/4	1/4	139,272	1/4	128,748	1/4	118,189	1/4	107,560	1/4	96,930	1/4	86,296	1/4	75,662	1/4	65,028	1/4	54,394		
1/2	1/2	139,054	1/2	128,528	1/2	117,968	1/2	107,338	1/2	96,708	1/2	86,074	1/2	75,440	1/2	64,806	1/2	54,173		
3/4	3/4	138,835	3/4	128,308	3/4	117,746	3/4	107,117	3/4	96,486	3/4	85,853	3/4	75,219	3/4	64,585	3/4	53,951		
8	8	138,617	8	128,089	8	117,525	8	106,896	8	96,265	8	85,631	8	74,997	8	64,363	8	53,730		
1/4	1/4	138,398	1/4	127,869	1/4	117,304	1/4	106,674	1/4	96,043	1/4	85,410	1/4	74,776	1/4	64,142	1/4	53,508		
1/2	1/2	138,180	1/2	127,650	1/2	117,082	1/2	106,453	1/2	95,822	1/2	85,188	1/2	74,554	1/2	63,920	1/2	53,286		
3/4	3/4	137,961	3/4	127,430	3/4	116,861	3/4	106,231	3/4	95,600	3/4	84,966	3/4	74,333	3/4	63,699	3/4	53,065		
9	9	137,743	9	127,210	9	116,639	9	106,010	9	95,379	9	84,745	9	74,111	9	63,477	9	52,843		
1/4	1/4	137,523	1/4	126,991	1/4	116,418	1/4	105,788	1/4	95,157	1/4	84,523	1/4	73,890	1/4	63,256	1/4	52,622		
1/2	1/2	137,304	1/2	126,771	1/2	116,196	1/2	105,567	1/2	94,936	1/2	84,302	1/2	73,668	1/2	63,034	1/2	52,400		
3/4	3/4	137,084	3/4	126,551	3/4	115,975	3/4	105,345	3/4	94,714	3/4	84,080	3/4	73,446	3/4	62,813	3/4	52,179		
10	10	136,864	10	126,332	10	115,753	10	105,124	10	94,493	10	83,859	10	73,225	10	62,591	10	51,957		
1/4	1/4	136,645	1/4	126,112	1/4	115,532	1/4	104,903	1/4	94,271	1/4	83,637	1/4	73,003	1/4	62,370	1/4	51,736		
1/2	1/2	136,425	1/2	125,893	1/2	115,311	1/2	104,681	1/2	94,050	1/2	83,416	1/2	72,782	1/2	62,148	1/2	51,514		
3/4	3/4	136,206	3/4	125,673	3/4	115,089	3/4	104,460	3/4	93,828	3/4	83,194	3/4	72,560	3/4	61,926	3/4	51,293		
11	143,823	11	135,986	11	125,453	11	114,868	11	104,238	11	93,606	11	82,973	11	72,339	11	61,705	11	51,071	
1/4	143,808	1/4	135,767	1/4	125,234	1/4	114,646	1/4	104,017	1/4	93,385	1/4	82,751	1/4	72,117	1/4	61,483	1/4	50,850	
1/2	143,792	1/2	135,548	1/2	125,014	1/2	114,425	1/2	103,795	1/2	93,163	1/2	82,530	1/2	71,896	1/2	61,262	1/2	50,628	
3/4	143,777	3/4	135,329	3/4	124,794	3/4	114,203	3/4	103,574	3/4	92,942	3/4	82,308	3/4	71,674	3/4	61,040	3/4	50,406	

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 INNAE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-09" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 80"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	50,185	0	39,551	0	28,917	0	18,408	0	7,962	0	26	0	0	0	0	0	0	0	0
1/4	49,963	1/4	39,330	1/4	28,696	1/4	18,194	1/4	7,741	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,742	1/2	39,108	1/2	28,474	1/2	17,980	1/2	7,519	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,520	3/4	38,886	3/4	28,253	3/4	17,767	3/4	7,298	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	49,299	1	38,665	1	28,031	1	17,553	1	7,076	1	1	1	1	1	1	1	1	1	1
1/4	49,077	1/4	38,443	1/4	27,810	1/4	17,339	1/4	6,855	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,856	1/2	38,222	1/2	27,588	1/2	17,126	1/2	6,633	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,634	3/4	38,000	3/4	27,366	3/4	16,912	3/4	6,412	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	48,413	2	37,779	2	27,145	2	16,698	2	6,191	2	2	2	2	2	2	2	2	2	2
1/4	48,191	1/4	37,557	1/4	26,923	1/4	16,485	1/4	5,970	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,970	1/2	37,336	1/2	26,702	1/2	16,271	1/2	5,749	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,748	3/4	37,114	3/4	26,480	3/4	16,057	3/4	5,528	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	47,526	3	36,893	3	26,259	3	15,844	3	5,307	3	3	3	3	3	3	3	3	3	3
1/4	47,305	1/4	36,671	1/4	26,037	1/4	15,630	1/4	5,087	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,083	1/2	36,450	1/2	25,816	1/2	15,416	1/2	4,867	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,862	3/4	36,228	3/4	25,594	3/4	15,203	3/4	4,647	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	46,640	4	36,006	4	25,373	4	14,989	4	4,427	4	4	4	4	4	4	4	4	4	4
1/4	46,419	1/4	35,785	1/4	25,151	1/4	14,775	1/4	4,208	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46,197	1/2	35,563	1/2	24,930	1/2	14,562	1/2	3,988	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,976	3/4	35,342	3/4	24,708	3/4	14,348	3/4	3,769	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	45,754	5	35,120	5	24,486	5	14,134	5	3,550	5	5	5	5	5	5	5	5	5	5
1/4	45,533	1/4	34,899	1/4	24,265	1/4	13,920	1/4	3,333	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	45,311	1/2	34,677	1/2	24,043	1/2	13,706	1/2	3,116	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,090	3/4	34,456	3/4	23,822	3/4	13,492	3/4	2,899	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	44,868	6	34,234	6	23,600	6	13,278	6	2,682	6	6	6	6	6	6	6	6	6	6
1/4	44,646	1/4	34,013	1/4	23,379	1/4	13,057	1/4	2,480	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44,425	1/2	33,791	1/2	23,157	1/2	12,835	1/2	2,277	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	44,203	3/4	33,570	3/4	22,936	3/4	12,614	3/4	2,075	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	43,982	7	33,348	7	22,714	7	12,392	7	1,872	7	7	7	7	7	7	7	7	7	7
1/4	43,760	1/4	33,126	1/4	22,493	1/4	12,171	1/4	1,706	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	43,539	1/2	32,905	1/2	22,271	1/2	11,949	1/2	1,540	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	43,317	3/4	32,683	3/4	22,050	3/4	11,728	3/4	1,374	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	43,096	8	32,462	8	21,828	8	11,506	8	1,208	8	8	8	8	8	8	8	8	8	8
1/4	42,874	1/4	32,240	1/4	21,614	1/4	11,285	1/4	1,078	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	42,653	1/2	32,019	1/2	21,400	1/2	11,063	1/2	949	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	42,431	3/4	31,797	3/4	21,186	3/4	10,842	3/4	820	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	42,210	9	31,576	9	20,972	9	10,620	9	691	9	9	9	9	9	9	9	9	9	9
1/4	41,988	1/4	31,354	1/4	20,758	1/4	10,399	1/4	598	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	41,766	1/2	31,133	1/2	20,545	1/2	10,177	1/2	506	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	41,545	3/4	30,911	3/4	20,331	3/4	9,956	3/4	414	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	41,323	10	30,690	10	20,117	10	9,734	10	322	10	10	10	10	10	10	10	10	10	10
1/4	41,102	1/4	30,468	1/4	19,904	1/4	9,513	1/4	266	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	40,880	1/2	30,246	1/2	19,690	1/2	9,291	1/2	211	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	40,659	3/4	30,025	3/4	19,476	3/4	9,070	3/4	155	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	40,437	11	29,803	11	19,263	11	8,848	11	100	11	11	11	11	11	11	11	11	11	11
1/4	40,216	1/4	29,582	1/4	19,049	1/4	8,627	1/4	82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	39,994	1/2	29,360	1/2	18,835	1/2	8,405	1/2	63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	39,773	3/4	29,139	3/4	18,621	3/4	8,184	3/4	45	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: 02/18/2008 CL - SW  
CALCULATED: 02/18/2008 CL  
PRINTED: 02/18/2008 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2008

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



# BARGE "CBC 80"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	162,148	0	151,818	0	139,925	0	127,962	0	115,964	0	103,963	0	91,961	0	79,958	0	67,955	
1/4	1/4	162,089	1/4	151,571	1/4	139,677	1/4	127,712	1/4	115,715	1/4	103,713	1/4	91,711	1/4	79,708	1/4	67,705	
1/2	1/2	161,989	1/2	151,324	1/2	139,429	1/2	127,462	1/2	115,465	1/2	103,463	1/2	91,461	1/2	79,458	1/2	67,455	
3/4	3/4	161,888	3/4	151,077	3/4	139,181	3/4	127,212	3/4	115,215	3/4	103,213	3/4	91,210	3/4	79,208	3/4	67,205	
1	1	161,787	1	150,829	1	138,934	1	126,963	1	114,965	1	102,963	1	90,960	1	78,958	1	66,955	
1/4	1/4	161,686	1/4	150,582	1/4	138,686	1/4	126,713	1/4	114,715	1/4	102,713	1/4	90,710	1/4	78,708	1/4	66,705	
1/2	1/2	161,544	1/2	150,335	1/2	138,438	1/2	126,463	1/2	114,465	1/2	102,463	1/2	90,460	1/2	78,457	1/2	66,455	
3/4	3/4	161,402	3/4	150,088	3/4	138,190	3/4	126,213	3/4	114,215	3/4	102,213	3/4	90,210	3/4	78,207	3/4	66,205	
2	2	161,259	2	149,840	2	137,942	2	125,963	2	113,965	2	101,963	2	89,960	2	77,957	2	65,955	
1/4	1/4	161,117	1/4	149,593	1/4	137,694	1/4	125,713	1/4	113,715	1/4	101,713	1/4	89,710	1/4	77,707	1/4	65,704	
1/2	1/2	160,933	1/2	149,345	1/2	137,446	1/2	125,463	1/2	113,465	1/2	101,463	1/2	89,460	1/2	77,457	1/2	65,454	
3/4	3/4	160,749	3/4	149,097	3/4	137,198	3/4	125,213	3/4	113,215	3/4	101,213	3/4	89,210	3/4	77,207	3/4	65,204	
3	3	160,565	3	148,849	3	136,950	3	124,963	3	112,965	3	100,963	3	88,960	3	76,957	3	64,954	
1/4	1/4	160,381	1/4	148,602	1/4	136,703	1/4	124,713	1/4	112,715	1/4	100,713	1/4	88,710	1/4	76,707	1/4	64,704	
1/2	1/2	160,155	1/2	148,354	1/2	136,455	1/2	124,463	1/2	112,465	1/2	100,463	1/2	88,460	1/2	76,457	1/2	64,454	
3/4	3/4	159,929	3/4	148,106	3/4	136,207	3/4	124,213	3/4	112,215	3/4	100,213	3/4	88,210	3/4	76,207	3/4	64,204	
4	4	159,703	4	147,858	4	135,959	4	123,963	4	111,965	4	99,963	4	87,960	4	75,957	4	63,954	
1/4	1/4	159,478	1/4	147,610	1/4	135,711	1/4	123,713	1/4	111,715	1/4	99,712	1/4	87,710	1/4	75,707	1/4	63,704	
1/2	1/2	159,231	1/2	147,362	1/2	135,461	1/2	123,463	1/2	111,465	1/2	99,462	1/2	87,460	1/2	75,457	1/2	63,454	
3/4	3/4	158,984	3/4	147,114	3/4	135,211	3/4	123,213	3/4	111,215	3/4	99,212	3/4	87,210	3/4	75,207	3/4	63,204	
5	5	158,738	5	146,866	5	134,961	5	122,963	5	110,965	5	98,962	5	86,959	5	74,957	5	62,954	
1/4	1/4	158,491	1/4	146,618	1/4	134,711	1/4	122,713	1/4	110,715	1/4	98,712	1/4	86,709	1/4	74,707	1/4	62,704	
1/2	1/2	158,245	1/2	146,370	1/2	134,461	1/2	122,463	1/2	110,465	1/2	98,462	1/2	86,459	1/2	74,457	1/2	62,454	
3/4	3/4	157,998	3/4	146,123	3/4	134,211	3/4	122,213	3/4	110,215	3/4	98,212	3/4	86,209	3/4	74,206	3/4	62,204	
6	6	157,751	6	145,875	6	133,961	6	121,963	6	109,965	6	97,962	6	85,959	6	73,956	6	61,954	
1/4	1/4	157,505	1/4	145,627	1/4	133,711	1/4	121,713	1/4	109,715	1/4	97,712	1/4	85,709	1/4	73,706	1/4	61,704	
1/2	1/2	157,258	1/2	145,379	1/2	133,461	1/2	121,464	1/2	109,465	1/2	97,462	1/2	85,459	1/2	73,456	1/2	61,453	
3/4	3/4	157,012	3/4	145,131	3/4	133,211	3/4	121,214	3/4	109,215	3/4	97,212	3/4	85,209	3/4	73,206	3/4	61,203	
7	7	156,765	7	144,883	7	132,961	7	120,964	7	108,965	7	96,962	7	84,959	7	72,956	7	60,953	
1/4	1/4	156,519	1/4	144,635	1/4	132,711	1/4	120,714	1/4	108,715	1/4	96,712	1/4	84,709	1/4	72,706	1/4	60,703	
1/2	1/2	156,272	1/2	144,387	1/2	132,462	1/2	120,464	1/2	108,464	1/2	96,462	1/2	84,459	1/2	72,456	1/2	60,453	
3/4	3/4	156,025	3/4	144,139	3/4	132,212	3/4	120,214	3/4	108,214	3/4	96,212	3/4	84,209	3/4	72,206	3/4	60,203	
8	8	155,779	8	143,892	8	131,962	8	119,964	8	107,964	8	95,962	8	83,959	8	71,956	8	59,953	
1/4	1/4	155,532	1/4	143,644	1/4	131,712	1/4	119,714	1/4	107,714	1/4	95,712	1/4	83,709	1/4	71,706	1/4	59,703	
1/2	1/2	155,284	1/2	143,396	1/2	131,462	1/2	119,464	1/2	107,464	1/2	95,461	1/2	83,459	1/2	71,456	1/2	59,453	
3/4	3/4	155,036	3/4	143,148	3/4	131,212	3/4	119,214	3/4	107,214	3/4	95,211	3/4	83,209	3/4	71,206	3/4	59,203	
9	9	154,788	9	142,900	9	130,962	9	118,964	9	106,964	9	94,961	9	82,959	9	70,956	9	58,953	
1/4	1/4	154,541	1/4	142,652	1/4	130,712	1/4	118,714	1/4	106,714	1/4	94,711	1/4	82,708	1/4	70,706	1/4	58,703	
1/2	1/2	154,293	1/2	142,404	1/2	130,462	1/2	118,464	1/2	106,464	1/2	94,461	1/2	82,458	1/2	70,456	1/2	58,453	
3/4	3/4	154,045	3/4	142,156	3/4	130,212	3/4	118,214	3/4	106,214	3/4	94,211	3/4	82,208	3/4	70,206	3/4	58,203	
10	10	153,797	10	141,908	10	129,962	10	117,964	10	105,964	10	93,961	10	81,958	10	69,955	10	57,953	
1/4	162,395	1/4	153,549	1/4	141,660	1/4	129,712	1/4	117,714	1/4	105,714	1/4	93,711	1/4	81,708	1/4	69,705	1/4	57,703
1/2	162,378	1/2	153,302	1/2	141,413	1/2	129,462	1/2	117,464	1/2	105,464	1/2	93,461	1/2	81,458	1/2	69,455	1/2	57,453
3/4	162,360	3/4	153,055	3/4	141,165	3/4	129,212	3/4	117,214	3/4	105,214	3/4	93,211	3/4	81,208	3/4	69,205	3/4	57,202
11	162,343	11	152,807	11	140,917	11	128,962	11	116,964	11	104,964	11	92,961	11	80,958	11	68,955	11	56,952
1/4	162,326	1/4	152,560	1/4	140,669	1/4	128,712	1/4	116,714	1/4	104,714	1/4	92,711	1/4	80,708	1/4	68,705	1/4	56,702
1/2	162,267	1/2	152,313	1/2	140,421	1/2	128,462	1/2	116,464	1/2	104,464	1/2	92,461	1/2	80,458	1/2	68,455	1/2	56,452
3/4	162,207	3/4	152,066	3/4	140,173	3/4	128,212	3/4	116,214	3/4	104,213	3/4	92,211	3/4	80,208	3/4	68,205	3/4	56,202

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 31'-09" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 80"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	55,952	0	43,949	0	31,947	0	20,082	0	8,234	0	0	0	0	0	0	0	0	0	0
1/4	55,702	1/4	43,699	1/4	31,697	1/4	19,840	1/4	7,984	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,452	1/2	43,449	1/2	31,446	1/2	19,597	1/2	7,734	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,202	3/4	43,199	3/4	31,196	3/4	19,354	3/4	7,484	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	54,952	1	42,949	1	30,946	1	19,111	1	7,234	1		1	1	1	1	1	1	1	1
1/4	54,702	1/4	42,699	1/4	30,696	1/4	18,869	1/4	6,984	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,452	1/2	42,449	1/2	30,446	1/2	18,626	1/2	6,735	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,202	3/4	42,199	3/4	30,196	3/4	18,383	3/4	6,486	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	53,952	2	41,949	2	29,946	2	18,141	2	6,236	2		2	2	2	2	2	2	2	2
1/4	53,702	1/4	41,699	1/4	29,696	1/4	17,898	1/4	5,987	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,452	1/2	41,449	1/2	29,446	1/2	17,655	1/2	5,738	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,202	3/4	41,199	3/4	29,196	3/4	17,413	3/4	5,490	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	52,951	3	40,949	3	28,946	3	17,170	3	5,241	3		3	3	3	3	3	3	3	3
1/4	52,701	1/4	40,699	1/4	28,696	1/4	16,927	1/4	4,993	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,451	1/2	40,449	1/2	28,446	1/2	16,684	1/2	4,746	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,201	3/4	40,198	3/4	28,196	3/4	16,442	3/4	4,498	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	51,951	4	39,948	4	27,946	4	16,199	4	4,251	4		4	4	4	4	4	4	4	4
1/4	51,701	1/4	39,698	1/4	27,696	1/4	15,956	1/4	4,004	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,451	1/2	39,448	1/2	27,446	1/2	15,713	1/2	3,759	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,201	3/4	39,198	3/4	27,195	3/4	15,470	3/4	3,514	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	50,951	5	38,948	5	26,945	5	15,227	5	3,269	5		5	5	5	5	5	5	5	5
1/4	50,701	1/4	38,698	1/4	26,695	1/4	14,984	1/4	3,024	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,451	1/2	38,448	1/2	26,445	1/2	14,734	1/2	2,795	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,201	3/4	38,198	3/4	26,195	3/4	14,484	3/4	2,567	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	49,951	6	37,948	6	25,945	6	14,234	6	2,338	6		6	6	6	6	6	6	6	6
1/4	49,701	1/4	37,698	1/4	25,695	1/4	13,984	1/4	2,110	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,451	1/2	37,448	1/2	25,445	1/2	13,734	1/2	1,922	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,201	3/4	37,198	3/4	25,195	3/4	13,484	3/4	1,735	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	48,951	7	36,948	7	24,945	7	13,234	7	1,547	7		7	7	7	7	7	7	7	7
1/4	48,700	1/4	36,698	1/4	24,695	1/4	12,984	1/4	1,359	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,450	1/2	36,448	1/2	24,452	1/2	12,734	1/2	1,214	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,200	3/4	36,198	3/4	24,209	3/4	12,484	3/4	1,068	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	47,950	8	35,948	8	23,966	8	12,234	8	922	8		8	8	8	8	8	8	8	8
1/4	47,700	1/4	35,697	1/4	23,723	1/4	11,984	1/4	776	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,450	1/2	35,447	1/2	23,480	1/2	11,734	1/2	672	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,200	3/4	35,197	3/4	23,237	3/4	11,484	3/4	568	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	46,950	9	34,947	9	22,995	9	11,234	9	464	9		9	9	9	9	9	9	9	9
1/4	46,700	1/4	34,697	1/4	22,752	1/4	10,984	1/4	359	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46,450	1/2	34,447	1/2	22,509	1/2	10,734	1/2	297	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,200	3/4	34,197	3/4	22,267	3/4	10,484	3/4	234	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	45,950	10	33,947	10	22,024	10	10,234	10	172	10		10	10	10	10	10	10	10	10
1/4	45,700	1/4	33,697	1/4	21,781	1/4	9,984	1/4	109	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	45,450	1/2	33,447	1/2	21,538	1/2	9,734	1/2	89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,200	3/4	33,197	3/4	21,296	3/4	9,484	3/4	68	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	44,950	11	32,947	11	21,053	11	9,234	11	47	11		11	11	11	11	11	11	11	11
1/4	44,700	1/4	32,697	1/4	20,810	1/4	8,984	1/4	26	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44,449	1/2	32,447	1/2	20,568	1/2	8,734	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	44,199	3/4	32,197	3/4	20,325	3/4	8,484	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: 02/18/2008 CL - SW  
CALCULATED: 02/18/2008 CL  
PRINTED: 02/18/2008 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2008

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



# BARGE "CBC 80"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
0	0	145,903	0	137,138	0	126,466	0	115,734	0	104,964	0	94,194	0	83,424	0	72,654	0	61,884		
1/4	1/4	145,850	1/4	136,916	1/4	126,244	1/4	115,510	1/4	104,740	1/4	93,970	1/4	83,200	1/4	72,430	1/4	61,660		
1/2	1/2	145,797	1/2	136,694	1/2	126,021	1/2	115,285	1/2	104,516	1/2	93,746	1/2	82,975	1/2	72,205	1/2	61,435		
3/4	3/4	145,744	3/4	136,473	3/4	125,799	3/4	115,061	3/4	104,291	3/4	93,521	3/4	82,751	3/4	71,981	3/4	61,211		
1	1	145,691	1	136,251	1	125,576	1	114,837	1	104,067	1	93,297	1	82,527	1	71,757	1	60,986		
1/4	1/4	145,600	1/4	136,029	1/4	125,354	1/4	114,612	1/4	103,843	1/4	93,072	1/4	82,302	1/4	71,532	1/4	60,762		
1/2	1/2	145,510	1/2	135,807	1/2	125,131	1/2	114,388	1/2	103,618	1/2	92,848	1/2	82,078	1/2	71,308	1/2	60,538		
3/4	3/4	145,420	3/4	135,585	3/4	124,909	3/4	114,164	3/4	103,394	3/4	92,624	3/4	81,854	3/4	71,083	3/4	60,313		
2	2	145,329	2	135,363	2	124,686	2	113,939	2	103,169	2	92,399	2	81,629	2	70,859	2	60,089		
1/4	1/4	145,201	1/4	135,141	1/4	124,464	1/4	113,715	1/4	102,945	1/4	92,175	1/4	81,405	1/4	70,635	1/4	59,865		
1/2	1/2	145,073	1/2	134,919	1/2	124,241	1/2	113,490	1/2	102,721	1/2	91,951	1/2	81,180	1/2	70,410	1/2	59,640		
3/4	3/4	144,946	3/4	134,697	3/4	124,019	3/4	113,266	3/4	102,496	3/4	91,726	3/4	80,956	3/4	70,186	3/4	59,416		
3	3	144,818	3	134,475	3	123,796	3	113,042	3	102,272	3	91,502	3	80,732	3	69,962	3	59,191		
1/4	1/4	144,653	1/4	134,253	1/4	123,574	1/4	112,817	1/4	102,048	1/4	91,277	1/4	80,507	1/4	69,737	1/4	58,967		
1/2	1/2	144,487	1/2	134,031	1/2	123,351	1/2	112,593	1/2	101,823	1/2	91,053	1/2	80,283	1/2	69,513	1/2	58,743		
3/4	3/4	144,322	3/4	133,808	3/4	123,129	3/4	112,369	3/4	101,599	3/4	90,829	3/4	80,059	3/4	69,288	3/4	58,518		
4	4	144,157	4	133,586	4	122,906	4	112,144	4	101,374	4	90,604	4	79,834	4	69,064	4	58,294		
1/4	1/4	143,954	1/4	133,363	1/4	122,684	1/4	111,920	1/4	101,150	1/4	90,380	1/4	79,610	1/4	68,840	1/4	58,070		
1/2	1/2	143,752	1/2	133,141	1/2	122,462	1/2	111,695	1/2	100,926	1/2	90,156	1/2	79,385	1/2	68,615	1/2	57,845		
3/4	3/4	143,549	3/4	132,918	3/4	122,239	3/4	111,471	3/4	100,701	3/4	89,931	3/4	79,161	3/4	68,391	3/4	57,621		
5	5	143,347	5	132,696	5	122,017	5	111,247	5	100,477	5	89,707	5	78,937	5	68,167	5	57,396		
1/4	1/4	143,125	1/4	132,473	1/4	121,792	1/4	111,022	1/4	100,253	1/4	89,482	1/4	78,712	1/4	67,942	1/4	57,172		
1/2	1/2	142,904	1/2	132,251	1/2	121,568	1/2	110,798	1/2	100,028	1/2	89,258	1/2	78,488	1/2	67,718	1/2	56,948		
3/4	3/4	142,683	3/4	132,028	3/4	121,343	3/4	110,574	3/4	99,804	3/4	89,034	3/4	78,264	3/4	67,493	3/4	56,723		
6	6	142,461	6	131,806	6	121,119	6	110,349	6	99,579	6	88,809	6	78,039	6	67,269	6	56,499		
1/4	1/4	142,240	1/4	131,583	1/4	120,895	1/4	110,125	1/4	99,355	1/4	88,585	1/4	77,815	1/4	67,045	1/4	56,274		
1/2	1/2	142,019	1/2	131,361	1/2	120,670	1/2	109,901	1/2	99,131	1/2	88,361	1/2	77,590	1/2	66,820	1/2	56,050		
3/4	3/4	141,797	3/4	131,138	3/4	120,446	3/4	109,676	3/4	98,906	3/4	88,136	3/4	77,366	3/4	66,596	3/4	55,826		
7	7	141,576	7	130,916	7	120,222	7	109,452	7	98,682	7	87,912	7	77,142	7	66,371	7	55,601		
1/4	1/4	141,355	1/4	130,693	1/4	119,997	1/4	109,227	1/4	98,458	1/4	87,687	1/4	76,917	1/4	66,147	1/4	55,377		
1/2	1/2	141,133	1/2	130,471	1/2	119,773	1/2	109,003	1/2	98,233	1/2	87,463	1/2	76,693	1/2	65,923	1/2	55,153		
3/4	3/4	140,912	3/4	130,248	3/4	119,548	3/4	108,779	3/4	98,009	3/4	87,239	3/4	76,468	3/4	65,698	3/4	54,928		
8	8	140,691	8	130,026	8	119,324	8	108,554	8	97,784	8	87,014	8	76,244	8	65,474	8	54,704		
1/4	1/4	140,470	1/4	129,803	1/4	119,100	1/4	108,330	1/4	97,560	1/4	86,790	1/4	76,020	1/4	65,250	1/4	54,479		
1/2	1/2	140,248	1/2	129,581	1/2	118,875	1/2	108,106	1/2	97,336	1/2	86,566	1/2	75,795	1/2	65,025	1/2	54,255		
3/4	3/4	140,027	3/4	129,358	3/4	118,651	3/4	107,881	3/4	97,111	3/4	86,341	3/4	75,571	3/4	64,801	3/4	54,031		
9	9	139,806	9	129,136	9	118,427	9	107,657	9	96,887	9	86,117	9	75,347	9	64,576	9	53,806		
1/4	1/4	139,583	1/4	128,913	1/4	118,202	1/4	107,432	1/4	96,663	1/4	85,892	1/4	75,122	1/4	64,352	1/4	53,582		
1/2	1/2	139,361	1/2	128,691	1/2	117,978	1/2	107,208	1/2	96,438	1/2	85,668	1/2	74,898	1/2	64,128	1/2	53,358		
3/4	3/4	139,138	3/4	128,469	3/4	117,754	3/4	106,984	3/4	96,214	3/4	85,444	3/4	74,673	3/4	63,903	3/4	53,133		
10	10	138,916	10	128,246	10	117,529	10	106,759	10	95,989	10	85,219	10	74,449	10	63,679	10	52,909		
1/4	1/4	138,693	1/4	128,024	1/4	117,305	1/4	106,535	1/4	95,765	1/4	84,995	1/4	74,225	1/4	63,455	1/4	52,684		
1/2	1/2	138,471	1/2	127,801	1/2	117,080	1/2	106,311	1/2	95,541	1/2	84,770	1/2	74,000	1/2	63,230	1/2	52,460		
3/4	3/4	138,248	3/4	127,579	3/4	116,856	3/4	106,086	3/4	95,316	3/4	84,546	3/4	73,776	3/4	63,006	3/4	52,236		
11	11	145,965	11	138,026	11	127,356	11	116,632	11	105,862	11	95,092	11	84,322	11	73,552	11	62,781	11	52,011
1/4	1/4	145,950	1/4	137,804	1/4	127,134	1/4	116,407	1/4	105,637	1/4	94,867	1/4	84,097	1/4	73,327	1/4	62,557	1/4	51,787
1/2	1/2	145,934	1/2	137,582	1/2	126,911	1/2	116,183	1/2	105,413	1/2	94,643	1/2	83,873	1/2	73,103	1/2	62,333	1/2	51,563
3/4	3/4	145,919	3/4	137,360	3/4	126,689	3/4	115,959	3/4	105,189	3/4	94,419	3/4	83,649	3/4	72,878	3/4	62,108	3/4	51,338

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 INNAUGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 80"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	51,114	0	40,344	0	29,574	0	18,815	0	8,064	0	26	0	0	0	0	0	0	0	0
1/4	50,889	1/4	40,119	1/4	29,349	1/4	18,591	1/4	7,839	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,665	1/2	39,895	1/2	29,125	1/2	18,368	1/2	7,615	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,441	3/4	39,671	3/4	28,900	3/4	18,144	3/4	7,391	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	50,216	1	39,446	1	28,676	1	17,921	1	7,166	1	1	1	1	1	1	1	1	1	1
1/4	49,992	1/4	39,222	1/4	28,452	1/4	17,697	1/4	6,942	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,768	1/2	38,997	1/2	28,227	1/2	17,474	1/2	6,718	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,543	3/4	38,773	3/4	28,003	3/4	17,250	3/4	6,494	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	49,319	2	38,549	2	27,778	2	17,026	2	6,270	2	2	2	2	2	2	2	2	2	2
1/4	49,094	1/4	38,324	1/4	27,554	1/4	16,803	1/4	6,046	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,870	1/2	38,100	1/2	27,330	1/2	16,579	1/2	5,822	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,646	3/4	37,875	3/4	27,105	3/4	16,356	3/4	5,598	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	48,421	3	37,651	3	26,881	3	16,132	3	5,375	3	3	3	3	3	3	3	3	3	3
1/4	48,197	1/4	37,427	1/4	26,657	1/4	15,909	1/4	5,152	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,973	1/2	37,202	1/2	26,432	1/2	15,685	1/2	4,929	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,748	3/4	36,978	3/4	26,208	3/4	15,461	3/4	4,706	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	47,524	4	36,754	4	25,983	4	15,238	4	4,483	4	4	4	4	4	4	4	4	4	4
1/4	47,299	1/4	36,529	1/4	25,759	1/4	15,014	1/4	4,261	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,075	1/2	36,305	1/2	25,535	1/2	14,791	1/2	4,039	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,851	3/4	36,080	3/4	25,310	3/4	14,567	3/4	3,817	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	46,626	5	35,856	5	25,086	5	14,344	5	3,595	5	5	5	5	5	5	5	5	5	5
1/4	46,402	1/4	35,632	1/4	24,862	1/4	14,120	1/4	3,376	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46,177	1/2	35,407	1/2	24,637	1/2	13,896	1/2	3,156	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,953	3/4	35,183	3/4	24,413	3/4	13,672	3/4	2,936	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	45,729	6	34,959	6	24,188	6	13,448	6	2,716	6	6	6	6	6	6	6	6	6	6
1/4	45,504	1/4	34,734	1/4	23,964	1/4	13,224	1/4	2,511	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	45,280	1/2	34,510	1/2	23,740	1/2	12,999	1/2	2,306	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,056	3/4	34,285	3/4	23,515	3/4	12,775	3/4	2,101	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	44,831	7	34,061	7	23,291	7	12,551	7	1,896	7	7	7	7	7	7	7	7	7	7
1/4	44,607	1/4	33,837	1/4	23,067	1/4	12,326	1/4	1,727	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44,382	1/2	33,612	1/2	22,842	1/2	12,102	1/2	1,559	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	44,158	3/4	33,388	3/4	22,618	3/4	11,878	3/4	1,391	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	43,934	8	33,164	8	22,393	8	11,653	8	1,223	8	8	8	8	8	8	8	8	8	8
1/4	43,709	1/4	32,939	1/4	22,170	1/4	11,429	1/4	1,092	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	43,485	1/2	32,715	1/2	21,946	1/2	11,205	1/2	961	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	43,261	3/4	32,490	3/4	21,722	3/4	10,980	3/4	830	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	43,036	9	32,266	9	21,498	9	10,756	9	699	9	9	9	9	9	9	9	9	9	9
1/4	42,812	1/4	32,042	1/4	21,274	1/4	10,532	1/4	606	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	42,587	1/2	31,817	1/2	21,051	1/2	10,307	1/2	512	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	42,363	3/4	31,593	3/4	20,827	3/4	10,083	3/4	419	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	42,139	10	31,369	10	20,604	10	9,859	10	325	10	10	10	10	10	10	10	10	10	10
1/4	41,914	1/4	31,144	1/4	20,380	1/4	9,634	1/4	269	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	41,690	1/2	30,920	1/2	20,156	1/2	9,410	1/2	213	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	41,466	3/4	30,695	3/4	19,933	3/4	9,185	3/4	157	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	41,241	11	30,471	11	19,709	11	8,961	11	101	11	11	11	11	11	11	11	11	11	11
1/4	41,017	1/4	30,247	1/4	19,486	1/4	8,737	1/4	82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	40,792	1/2	30,022	1/2	19,262	1/2	8,512	1/2	64	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	40,568	3/4	29,798	3/4	19,039	3/4	8,288	3/4	45	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: 02/18/2008 CL - SW  
CALCULATED: 02/18/2008 CL  
PRINTED: 02/18/2008 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2008

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