



BARGE "CBC 1417"

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	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-1/4	- 02-1/4
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8
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	00-1/4	- 00-1/4

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

LENGTH BETWEEN DRAFT MARKS: 176'-06"

November 4, 2019

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

<http://www.pmacorp.net>



BARGE "CBC 1417"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,694	0	20,291	0	31,705	0	43,159	0	54,727	0	66,296	0	77,842	0	89,389	0	100,962
1/4	59	1/4	8,936	1/4	20,532	1/4	31,938	1/4	43,400	1/4	54,968	1/4	66,537	1/4	78,081	1/4	89,630	1/4	101,203
1/2	80	1/2	9,177	1/2	20,774	1/2	32,172	1/2	43,641	1/2	55,210	1/2	66,778	1/2	78,321	1/2	89,871	1/2	101,445
3/4	100	3/4	9,419	3/4	21,016	3/4	32,406	3/4	43,882	3/4	55,451	3/4	67,019	3/4	78,561	3/4	90,112	3/4	101,686
1	120	1	9,661	1	21,257	1	32,640	1	44,123	1	55,692	1	67,260	1	78,800	1	90,354	1	101,927
1/4	180	1/4	9,902	1/4	21,499	1/4	32,874	1/4	44,364	1/4	55,933	1/4	67,501	1/4	79,040	1/4	90,595	1/4	102,168
1/2	241	1/2	10,144	1/2	21,740	1/2	33,108	1/2	44,605	1/2	56,174	1/2	67,742	1/2	79,280	1/2	90,836	1/2	102,409
3/4	301	3/4	10,385	3/4	21,982	3/4	33,342	3/4	44,846	3/4	56,415	3/4	67,983	3/4	79,519	3/4	91,077	3/4	102,650
2	361	2	10,627	2	22,224	2	33,575	2	45,087	2	56,656	2	68,224	2	79,759	2	91,318	2	102,891
1/4	462	1/4	10,869	1/4	22,465	1/4	33,809	1/4	45,328	1/4	56,897	1/4	68,465	1/4	79,999	1/4	91,559	1/4	103,132
1/2	563	1/2	11,110	1/2	22,707	1/2	34,043	1/2	45,569	1/2	57,138	1/2	68,706	1/2	80,238	1/2	91,800	1/2	103,373
3/4	663	3/4	11,352	3/4	22,948	3/4	34,277	3/4	45,810	3/4	57,379	3/4	68,947	3/4	80,478	3/4	92,041	3/4	103,615
3	764	3	11,593	3	23,190	3	34,511	3	46,051	3	57,620	3	69,188	3	80,718	3	92,282	3	103,856
1/4	905	1/4	11,835	1/4	23,432	1/4	34,745	1/4	46,292	1/4	57,861	1/4	69,429	1/4	80,957	1/4	92,524	1/4	104,097
1/2	1,046	1/2	12,077	1/2	23,673	1/2	34,979	1/2	46,533	1/2	58,102	1/2	69,670	1/2	81,197	1/2	92,765	1/2	104,338
3/4	1,187	3/4	12,318	3/4	23,915	3/4	35,212	3/4	46,774	3/4	58,343	3/4	69,911	3/4	81,437	3/4	93,006	3/4	104,579
4	1,328	4	12,560	4	24,156	4	35,446	4	47,015	4	58,584	4	70,152	4	81,676	4	93,247	4	104,820
1/4	1,509	1/4	12,801	1/4	24,398	1/4	35,687	1/4	47,256	1/4	58,825	1/4	70,393	1/4	81,917	1/4	93,488	1/4	105,061
1/2	1,690	1/2	13,043	1/2	24,640	1/2	35,928	1/2	47,497	1/2	59,066	1/2	70,634	1/2	82,157	1/2	93,729	1/2	105,302
3/4	1,871	3/4	13,284	3/4	24,881	3/4	36,169	3/4	47,738	3/4	59,307	3/4	70,875	3/4	82,397	3/4	93,970	3/4	105,543
5	2,052	5	13,526	5	25,123	5	36,410	5	47,979	5	59,548	5	71,116	5	82,638	5	94,211	5	105,784
1/4	2,273	1/4	13,768	1/4	25,364	1/4	36,651	1/4	48,220	1/4	59,789	1/4	71,358	1/4	82,879	1/4	94,452	1/4	106,026
1/2	2,494	1/2	14,009	1/2	25,606	1/2	36,892	1/2	48,461	1/2	60,030	1/2	71,599	1/2	83,120	1/2	94,694	1/2	106,267
3/4	2,715	3/4	14,251	3/4	25,848	3/4	37,133	3/4	48,702	3/4	60,271	3/4	71,840	3/4	83,361	3/4	94,935	3/4	106,508
6	2,935	6	14,492	6	26,089	6	37,374	6	48,943	6	60,512	6	72,081	6	83,602	6	95,176	6	106,749
1/4	3,172	1/4	14,734	1/4	26,323	1/4	37,615	1/4	49,184	1/4	60,753	1/4	72,321	1/4	83,843	1/4	95,417	1/4	106,990
1/2	3,409	1/2	14,976	1/2	26,558	1/2	37,856	1/2	49,425	1/2	60,994	1/2	72,561	1/2	84,085	1/2	95,658	1/2	107,231
3/4	3,646	3/4	15,217	3/4	26,792	3/4	38,097	3/4	49,666	3/4	61,235	3/4	72,802	3/4	84,326	3/4	95,899	3/4	107,472
7	3,883	7	15,459	7	27,026	7	38,338	7	49,907	7	61,476	7	73,042	7	84,567	7	96,140	7	107,713
1/4	4,122	1/4	15,700	1/4	27,260	1/4	38,579	1/4	50,148	1/4	61,717	1/4	73,283	1/4	84,808	1/4	96,381	1/4	107,954
1/2	4,360	1/2	15,942	1/2	27,495	1/2	38,820	1/2	50,389	1/2	61,958	1/2	73,523	1/2	85,049	1/2	96,622	1/2	108,196
3/4	4,599	3/4	16,184	3/4	27,729	3/4	39,062	3/4	50,630	3/4	62,199	3/4	73,764	3/4	85,290	3/4	96,863	3/4	108,437
8	4,838	8	16,425	8	27,963	8	39,303	8	50,871	8	62,440	8	74,004	8	85,531	8	97,105	8	108,678
1/4	5,078	1/4	16,667	1/4	28,197	1/4	39,544	1/4	51,112	1/4	62,681	1/4	74,244	1/4	85,772	1/4	97,346	1/4	108,919
1/2	5,318	1/2	16,908	1/2	28,431	1/2	39,785	1/2	51,353	1/2	62,922	1/2	74,485	1/2	86,013	1/2	97,587	1/2	109,160
3/4	5,559	3/4	17,150	3/4	28,665	3/4	40,026	3/4	51,594	3/4	63,163	3/4	74,725	3/4	86,255	3/4	97,828	3/4	109,401
9	5,799	9	17,392	9	28,898	9	40,267	9	51,835	9	63,404	9	74,966	9	86,496	9	98,069	9	109,642
1/4	6,040	1/4	17,633	1/4	29,132	1/4	40,508	1/4	52,076	1/4	63,645	1/4	75,205	1/4	86,737	1/4	98,310	1/4	109,883
1/2	6,281	1/2	17,875	1/2	29,366	1/2	40,749	1/2	52,317	1/2	63,886	1/2	75,445	1/2	86,978	1/2	98,551	1/2	110,124
3/4	6,521	3/4	18,116	3/4	29,600	3/4	40,990	3/4	52,558	3/4	64,127	3/4	75,685	3/4	87,219	3/4	98,792	3/4	110,366
10	6,762	10	18,358	10	29,834	10	41,231	10	52,799	10	64,368	10	75,924	10	87,460	10	99,033	10	110,607
1/4	7,004	1/4	18,600	1/4	30,068	1/4	41,472	1/4	53,040	1/4	64,609	1/4	76,164	1/4	87,701	1/4	99,275	1/4	110,848
1/2	7,245	1/2	18,841	1/2	30,302	1/2	41,713	1/2	53,281	1/2	64,850	1/2	76,404	1/2	87,942	1/2	99,516	1/2	111,089
3/4	7,486	3/4	19,083	3/4	30,535	3/4	41,954	3/4	53,522	3/4	65,091	3/4	76,643	3/4	88,184	3/4	99,757	3/4	111,330
11	7,728	11	19,324	11	30,769	11	42,195	11	53,763	11	65,332	11	76,883	11	88,425	11	99,998	11	111,571
1/4	7,969	1/4	19,566	1/4	31,003	1/4	42,436	1/4	54,004	1/4	65,573	1/4	77,123	1/4	88,666	1/4	100,239	1/4	111,812
1/2	8,211	1/2	19,808	1/2	31,237	1/2	42,677	1/2	54,245	1/2	65,814	1/2	77,362	1/2	88,907	1/2	100,480	1/2	112,053
3/4	8,453	3/4	20,049	3/4	31,471	3/4	42,918	3/4	54,486	3/4	66,055	3/4	77,602	3/4	89,148	3/4	100,721	3/4	112,294

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'-03" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1417"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	112,536	0	122,060	0	130,171	0	138,282	0	146,393	0		0		0		0		0	
1/4	112,776	1/4	122,229	1/4	130,340	1/4	138,451	1/4	146,562	1/4		1/4		1/4		1/4		1/4	
1/2	113,017	1/2	122,398	1/2	130,509	1/2	138,620	1/2	146,731	1/2		1/2		1/2		1/2		1/2	
3/4	113,257	3/4	122,567	3/4	130,678	3/4	138,789	3/4	146,900	3/4		3/4		3/4		3/4		3/4	
1	113,498	1	122,736	1	130,847	1	138,958	1	147,069	1		1		1		1		1	
1/4	113,738	1/4	122,905	1/4	131,016	1/4	139,127	1/4	147,238	1/4		1/4		1/4		1/4		1/4	
1/2	113,979	1/2	123,074	1/2	131,185	1/2	139,296	1/2	147,407	1/2		1/2		1/2		1/2		1/2	
3/4	114,219	3/4	123,243	3/4	131,354	3/4	139,465	3/4	147,576	3/4		3/4		3/4		3/4		3/4	
2	114,460	2	123,412	2	131,523	2	139,634	2	147,745	2		2		2		2		2	
1/4	114,700	1/4	123,581	1/4	131,692	1/4	139,803	1/4	147,914	1/4		1/4		1/4		1/4		1/4	
1/2	114,941	1/2	123,750	1/2	131,861	1/2	139,972	1/2	148,083	1/2		1/2		1/2		1/2		1/2	
3/4	115,182	3/4	123,919	3/4	132,030	3/4	140,141	3/4	148,252	3/4		3/4		3/4		3/4		3/4	
3	115,422	3	124,088	3	132,199	3	140,310	3	148,421	3		3		3		3		3	
1/4	115,663	1/4	124,257	1/4	132,368	1/4	140,479	1/4	148,642	1/4		1/4		1/4		1/4		1/4	
1/2	115,903	1/2	124,426	1/2	132,537	1/2	140,648	1/2	148,864	1/2		1/2		1/2		1/2		1/2	
3/4	116,144	3/4	124,595	3/4	132,706	3/4	140,817	3/4	149,085	3/4		3/4		3/4		3/4		3/4	
4	116,384	4	124,764	4	132,875	4	140,986	4	149,307	4		4		4		4		4	
1/4	116,625	1/4	124,933	1/4	133,044	1/4	141,155	1/4	149,488	1/4		1/4		1/4		1/4		1/4	
1/2	116,865	1/2	125,102	1/2	133,213	1/2	141,324	1/2	149,669	1/2		1/2		1/2		1/2		1/2	
3/4	117,106	3/4	125,271	3/4	133,382	3/4	141,493	3/4	149,850	3/4		3/4		3/4		3/4		3/4	
5	117,347	5	125,440	5	133,551	5	141,662	5	150,032	5		5		5		5		5	
1/4	117,514	1/4	125,609	1/4	133,720	1/4	141,831	1/4	150,173	1/4		1/4		1/4		1/4		1/4	
1/2	117,682	1/2	125,778	1/2	133,889	1/2	142,000	1/2	150,313	1/2		1/2		1/2		1/2		1/2	
3/4	117,850	3/4	125,947	3/4	134,058	3/4	142,169	3/4	150,454	3/4		3/4		3/4		3/4		3/4	
6	118,018	6	126,116	6	134,227	6	142,338	6	150,595	6		6		6		6		6	
1/4	118,187	1/4	126,285	1/4	134,396	1/4	142,507	1/4	150,696	1/4		1/4		1/4		1/4		1/4	
1/2	118,355	1/2	126,454	1/2	134,565	1/2	142,676	1/2	150,797	1/2		1/2		1/2		1/2		1/2	
3/4	118,523	3/4	126,623	3/4	134,734	3/4	142,845	3/4	150,897	3/4		3/4		3/4		3/4		3/4	
7	118,692	7	126,792	7	134,903	7	143,014	7	150,998	7		7		7		7		7	
1/4	118,860	1/4	126,961	1/4	135,072	1/4	143,183	1/4	151,058	1/4		1/4		1/4		1/4		1/4	
1/2	119,029	1/2	127,129	1/2	135,241	1/2	143,352	1/2	151,119	1/2		1/2		1/2		1/2		1/2	
3/4	119,197	3/4	127,298	3/4	135,409	3/4	143,520	3/4	151,179	3/4		3/4		3/4		3/4		3/4	
8	119,366	8	127,467	8	135,578	8	143,689	8	151,240	8		8		8		8		8	
1/4	119,534	1/4	127,636	1/4	135,747	1/4	143,858	1/4	151,260	1/4		1/4		1/4		1/4		1/4	
1/2	119,702	1/2	127,805	1/2	135,916	1/2	144,027	1/2	151,280	1/2		1/2		1/2		1/2		1/2	
3/4	119,871	3/4	127,974	3/4	136,085	3/4	144,196	3/4		3/4		3/4		3/4		3/4		3/4	
9	120,039	9	128,143	9	136,254	9	144,365	9		9		9		9		9		9	
1/4	120,208	1/4	128,312	1/4	136,423	1/4	144,534	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,376	1/2	128,481	1/2	136,592	1/2	144,703	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,544	3/4	128,650	3/4	136,761	3/4	144,872	3/4		3/4		3/4		3/4		3/4		3/4	
10	120,713	10	128,819	10	136,930	10	145,041	10		10		10		10		10		10	
1/4	120,881	1/4	128,988	1/4	137,099	1/4	145,210	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,050	1/2	129,157	1/2	137,268	1/2	145,379	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,218	3/4	129,326	3/4	137,437	3/4	145,548	3/4		3/4		3/4		3/4		3/4		3/4	
11	121,386	11	129,495	11	137,606	11	145,717	11		11		11		11		11		11	
1/4	121,555	1/4	129,664	1/4	137,775	1/4	145,886	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,723	1/2	129,833	1/2	137,944	1/2	146,055	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,892	3/4	130,002	3/4	138,113	3/4	146,224	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 SW
CALCULATED: 11/04/2019 CL
PRINTED: 11/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "CBC 1417"

2 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	10,061	0	23,487	0	36,752	0	50,016	0	63,443	0	76,871	0	90,298	0	103,725	0	117,152
1/4	63	1/4	10,340	1/4	23,767	1/4	37,023	1/4	50,296	1/4	63,723	1/4	77,150	1/4	90,578	1/4	104,005	1/4	117,432
1/2	86	1/2	10,620	1/2	24,047	1/2	37,295	1/2	50,575	1/2	64,003	1/2	77,430	1/2	90,857	1/2	104,285	1/2	117,712
3/4	109	3/4	10,900	3/4	24,327	3/4	37,566	3/4	50,855	3/4	64,283	3/4	77,710	3/4	91,137	3/4	104,564	3/4	117,992
1	133	1	11,179	1	24,606	1	37,838	1	51,135	1	64,562	1	77,990	1	91,417	1	104,844	1	118,271
1/4	202	1/4	11,459	1/4	24,886	1/4	38,109	1/4	51,415	1/4	64,842	1/4	78,269	1/4	91,697	1/4	105,124	1/4	118,551
1/2	272	1/2	11,739	1/2	25,166	1/2	38,381	1/2	51,694	1/2	65,122	1/2	78,549	1/2	91,976	1/2	105,404	1/2	118,831
3/4	342	3/4	12,019	3/4	25,445	3/4	38,652	3/4	51,974	3/4	65,401	3/4	78,829	3/4	92,256	3/4	105,683	3/4	119,111
2	412	2	12,298	2	25,725	2	38,924	2	52,254	2	65,681	2	79,108	2	92,536	2	105,963	2	119,390
1/4	529	1/4	12,578	1/4	26,005	1/4	39,195	1/4	52,534	1/4	65,961	1/4	79,388	1/4	92,816	1/4	106,243	1/4	119,670
1/2	645	1/2	12,858	1/2	26,285	1/2	39,467	1/2	52,813	1/2	66,241	1/2	79,668	1/2	93,095	1/2	106,523	1/2	119,950
3/4	762	3/4	13,138	3/4	26,564	3/4	39,738	3/4	53,093	3/4	66,520	3/4	79,948	3/4	93,375	3/4	106,802	3/4	120,230
3	878	3	13,417	3	26,844	3	40,010	3	53,373	3	66,800	3	80,227	3	93,655	3	107,082	3	120,509
1/4	1,042	1/4	13,697	1/4	27,124	1/4	40,281	1/4	53,653	1/4	67,080	1/4	80,507	1/4	93,934	1/4	107,362	1/4	120,789
1/2	1,205	1/2	13,977	1/2	27,404	1/2	40,553	1/2	53,932	1/2	67,360	1/2	80,787	1/2	94,214	1/2	107,641	1/2	121,069
3/4	1,368	3/4	14,256	3/4	27,683	3/4	40,824	3/4	54,212	3/4	67,639	3/4	81,067	3/4	94,494	3/4	107,921	3/4	121,349
4	1,531	4	14,536	4	27,963	4	41,096	4	54,492	4	67,919	4	81,346	4	94,774	4	108,201	4	121,628
1/4	1,741	1/4	14,816	1/4	28,243	1/4	41,368	1/4	54,772	1/4	68,199	1/4	81,626	1/4	95,053	1/4	108,481	1/4	121,908
1/2	1,951	1/2	15,096	1/2	28,522	1/2	41,640	1/2	55,051	1/2	68,479	1/2	81,906	1/2	95,333	1/2	108,760	1/2	122,188
3/4	2,161	3/4	15,375	3/4	28,802	3/4	41,912	3/4	55,331	3/4	68,758	3/4	82,186	3/4	95,613	3/4	109,040	3/4	122,467
5	2,370	5	15,655	5	29,082	5	42,183	5	55,611	5	69,038	5	82,465	5	95,893	5	109,320	5	122,747
1/4	2,626	1/4	15,935	1/4	29,362	1/4	42,463	1/4	55,890	1/4	69,318	1/4	82,745	1/4	96,172	1/4	109,600	1/4	123,027
1/2	2,882	1/2	16,215	1/2	29,641	1/2	42,743	1/2	56,170	1/2	69,597	1/2	83,025	1/2	96,452	1/2	109,879	1/2	123,307
3/4	3,137	3/4	16,494	3/4	29,921	3/4	43,023	3/4	56,450	3/4	69,877	3/4	83,305	3/4	96,732	3/4	110,159	3/4	123,586
6	3,393	6	16,774	6	30,201	6	43,302	6	56,730	6	70,157	6	83,584	6	97,012	6	110,439	6	123,866
1/4	3,667	1/4	17,054	1/4	30,481	1/4	43,582	1/4	57,009	1/4	70,437	1/4	83,864	1/4	97,291	1/4	110,719	1/4	124,146
1/2	3,941	1/2	17,333	1/2	30,760	1/2	43,862	1/2	57,289	1/2	70,716	1/2	84,144	1/2	97,571	1/2	110,998	1/2	124,426
3/4	4,215	3/4	17,613	3/4	31,040	3/4	44,142	3/4	57,569	3/4	70,996	3/4	84,423	3/4	97,851	3/4	111,278	3/4	124,705
7	4,490	7	17,893	7	31,320	7	44,421	7	57,849	7	71,276	7	84,703	7	98,130	7	111,558	7	124,985
1/4	4,766	1/4	18,173	1/4	31,592	1/4	44,701	1/4	58,128	1/4	71,556	1/4	84,983	1/4	98,410	1/4	111,838	1/4	125,265
1/2	5,043	1/2	18,452	1/2	31,863	1/2	44,981	1/2	58,408	1/2	71,835	1/2	85,263	1/2	98,690	1/2	112,117	1/2	125,545
3/4	5,319	3/4	18,732	3/4	32,135	3/4	45,261	3/4	58,688	3/4	72,115	3/4	85,542	3/4	98,970	3/4	112,397	3/4	125,824
8	5,596	8	19,012	8	32,407	8	45,540	8	58,968	8	72,395	8	85,822	8	99,249	8	112,677	8	126,104
1/4	5,874	1/4	19,292	1/4	32,679	1/4	45,820	1/4	59,247	1/4	72,675	1/4	86,102	1/4	99,529	1/4	112,956	1/4	126,384
1/2	6,152	1/2	19,571	1/2	32,950	1/2	46,100	1/2	59,527	1/2	72,954	1/2	86,382	1/2	99,809	1/2	113,236	1/2	126,663
3/4	6,430	3/4	19,851	3/4	33,222	3/4	46,379	3/4	59,807	3/4	73,234	3/4	86,661	3/4	100,089	3/4	113,516	3/4	126,943
9	6,708	9	20,131	9	33,493	9	46,659	9	60,086	9	73,514	9	86,941	9	100,368	9	113,796	9	127,223
1/4	6,987	1/4	20,410	1/4	33,765	1/4	46,939	1/4	60,366	1/4	73,794	1/4	87,221	1/4	100,648	1/4	114,075	1/4	127,503
1/2	7,266	1/2	20,690	1/2	34,036	1/2	47,219	1/2	60,646	1/2	74,073	1/2	87,501	1/2	100,928	1/2	114,355	1/2	127,782
3/4	7,545	3/4	20,970	3/4	34,308	3/4	47,498	3/4	60,926	3/4	74,353	3/4	87,780	3/4	101,208	3/4	114,635	3/4	128,062
10	7,824	10	21,250	10	34,579	10	47,778	10	61,205	10	74,633	10	88,060	10	101,487	10	114,915	10	128,342
1/4	8,103	1/4	21,529	1/4	34,851	1/4	48,058	1/4	61,485	1/4	74,912	1/4	88,340	1/4	101,767	1/4	115,194	1/4	128,622
1/2	8,383	1/2	21,809	1/2	35,122	1/2	48,338	1/2	61,765	1/2	75,192	1/2	88,619	1/2	102,047	1/2	115,474	1/2	128,901
3/4	8,662	3/4	22,089	3/4	35,394	3/4	48,617	3/4	62,045	3/4	75,472	3/4	88,899	3/4	102,327	3/4	115,754	3/4	129,181
11	8,942	11	22,369	11	35,665	11	48,897	11	62,324	11	75,752	11	89,179	11	102,606	11	116,034	11	129,461
1/4	9,221	1/4	22,648	1/4	35,937	1/4	49,177	1/4	62,604	1/4	76,031	1/4	89,459	1/4	102,886	1/4	116,313	1/4	129,741
1/2	9,501	1/2	22,928	1/2	36,209	1/2	49,457	1/2	62,884	1/2	76,311	1/2	89,738	1/2	103,166	1/2	116,593	1/2	130,020
3/4	9,781	3/4	23,208	3/4	36,480	3/4	49,736	3/4	63,164	3/4	76,591	3/4	90,018	3/4	103,445	3/4	116,873	3/4	130,300

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 36'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1417"

2 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	130,580	0	144,007	0	157,434	0	170,862	0	184,289	0		0		0		0		0	
1/4	130,860	1/4	144,287	1/4	157,714	1/4	171,141	1/4	184,569	1/4		1/4		1/4		1/4		1/4	
1/2	131,139	1/2	144,567	1/2	157,994	1/2	171,421	1/2	184,848	1/2		1/2		1/2		1/2		1/2	
3/4	131,419	3/4	144,846	3/4	158,274	3/4	171,701	3/4	185,128	3/4		3/4		3/4		3/4		3/4	
1	131,699	1	145,126	1	158,553	1	171,981	1	185,408	1		1		1		1		1	
1/4	131,978	1/4	145,406	1/4	158,833	1/4	172,260	1/4	185,688	1/4		1/4		1/4		1/4		1/4	
1/2	132,258	1/2	145,685	1/2	159,113	1/2	172,540	1/2	185,967	1/2		1/2		1/2		1/2		1/2	
3/4	132,538	3/4	145,965	3/4	159,393	3/4	172,820	3/4	186,247	3/4		3/4		3/4		3/4		3/4	
2	132,818	2	146,245	2	159,672	2	173,100	2	186,527	2		2		2		2		2	
1/4	133,097	1/4	146,525	1/4	159,952	1/4	173,379	1/4	186,807	1/4		1/4		1/4		1/4		1/4	
1/2	133,377	1/2	146,804	1/2	160,232	1/2	173,659	1/2	187,086	1/2		1/2		1/2		1/2		1/2	
3/4	133,657	3/4	147,084	3/4	160,511	3/4	173,939	3/4	187,366	3/4		3/4		3/4		3/4		3/4	
3	133,937	3	147,364	3	160,791	3	174,218	3	187,646	3		3		3		3		3	
1/4	134,216	1/4	147,644	1/4	161,071	1/4	174,498	1/4	187,902	1/4		1/4		1/4		1/4		1/4	
1/2	134,496	1/2	147,923	1/2	161,351	1/2	174,778	1/2	188,159	1/2		1/2		1/2		1/2		1/2	
3/4	134,776	3/4	148,203	3/4	161,630	3/4	175,058	3/4	188,415	3/4		3/4		3/4		3/4		3/4	
4	135,056	4	148,483	4	161,910	4	175,337	4	188,671	4		4		4		4		4	
1/4	135,335	1/4	148,763	1/4	162,190	1/4	175,617	1/4	188,881	1/4		1/4		1/4		1/4		1/4	
1/2	135,615	1/2	149,042	1/2	162,470	1/2	175,897	1/2	189,091	1/2		1/2		1/2		1/2		1/2	
3/4	135,895	3/4	149,322	3/4	162,749	3/4	176,177	3/4	189,301	3/4		3/4		3/4		3/4		3/4	
5	136,174	5	149,602	5	163,029	5	176,456	5	189,511	5		5		5		5		5	
1/4	136,454	1/4	149,882	1/4	163,309	1/4	176,736	1/4	189,674	1/4		1/4		1/4		1/4		1/4	
1/2	136,734	1/2	150,161	1/2	163,589	1/2	177,016	1/2	189,837	1/2		1/2		1/2		1/2		1/2	
3/4	137,014	3/4	150,441	3/4	163,868	3/4	177,296	3/4	190,000	3/4		3/4		3/4		3/4		3/4	
6	137,293	6	150,721	6	164,148	6	177,575	6	190,163	6		6		6		6		6	
1/4	137,573	1/4	151,000	1/4	164,428	1/4	177,855	1/4	190,280	1/4		1/4		1/4		1/4		1/4	
1/2	137,853	1/2	151,280	1/2	164,707	1/2	178,135	1/2	190,396	1/2		1/2		1/2		1/2		1/2	
3/4	138,133	3/4	151,560	3/4	164,987	3/4	178,415	3/4	190,513	3/4		3/4		3/4		3/4		3/4	
7	138,412	7	151,840	7	165,267	7	178,694	7	190,630	7		7		7		7		7	
1/4	138,692	1/4	152,119	1/4	165,547	1/4	178,974	1/4	190,700	1/4		1/4		1/4		1/4		1/4	
1/2	138,972	1/2	152,399	1/2	165,826	1/2	179,254	1/2	190,769	1/2		1/2		1/2		1/2		1/2	
3/4	139,252	3/4	152,679	3/4	166,106	3/4	179,533	3/4	190,839	3/4		3/4		3/4		3/4		3/4	
8	139,531	8	152,959	8	166,386	8	179,813	8	190,909	8		8		8		8		8	
1/4	139,811	1/4	153,238	1/4	166,666	1/4	180,093	1/4	190,933	1/4		1/4		1/4		1/4		1/4	
1/2	140,091	1/2	153,518	1/2	166,945	1/2	180,373	1/2	190,956	1/2		1/2		1/2		1/2		1/2	
3/4	140,371	3/4	153,798	3/4	167,225	3/4	180,652	3/4		3/4		3/4		3/4		3/4		3/4	
9	140,650	9	154,078	9	167,505	9	180,932	9		9		9		9		9		9	
1/4	140,930	1/4	154,357	1/4	167,785	1/4	181,212	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141,210	1/2	154,637	1/2	168,064	1/2	181,492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	141,489	3/4	154,917	3/4	168,344	3/4	181,771	3/4		3/4		3/4		3/4		3/4		3/4	
10	141,769	10	155,196	10	168,624	10	182,051	10		10		10		10		10		10	
1/4	142,049	1/4	155,476	1/4	168,904	1/4	182,331	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	142,329	1/2	155,756	1/2	169,183	1/2	182,611	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	142,608	3/4	156,036	3/4	169,463	3/4	182,890	3/4		3/4		3/4		3/4		3/4		3/4	
11	142,888	11	156,315	11	169,743	11	183,170	11		11		11		11		11		11	
1/4	143,168	1/4	156,595	1/4	170,022	1/4	183,450	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143,448	1/2	156,875	1/2	170,302	1/2	183,729	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	143,727	3/4	157,155	3/4	170,582	3/4	184,009	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 SW
CALCULATED: 11/04/2019 CL
PRINTED: 11/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "CBC 1417"

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	8,986	0	20,973	0	32,946	0	44,922	0	56,909	0	68,897	0	80,884	0	92,872	0	104,859
1/4	60	1/4	9,236	1/4	21,223	1/4	33,195	1/4	45,172	1/4	57,159	1/4	69,147	1/4	81,134	1/4	93,122	1/4	105,109
1/2	81	1/2	9,485	1/2	21,473	1/2	33,444	1/2	45,421	1/2	57,409	1/2	69,396	1/2	81,384	1/2	93,371	1/2	105,359
3/4	102	3/4	9,735	3/4	21,722	3/4	33,693	3/4	45,671	3/4	57,659	3/4	69,646	3/4	81,634	3/4	93,621	3/4	105,608
1	123	1	9,985	1	21,972	1	33,942	1	45,921	1	57,908	1	69,896	1	81,883	1	93,871	1	105,858
1/4	185	1/4	10,235	1/4	22,222	1/4	34,191	1/4	46,171	1/4	58,158	1/4	70,146	1/4	82,133	1/4	94,120	1/4	106,108
1/2	248	1/2	10,484	1/2	22,471	1/2	34,440	1/2	46,420	1/2	58,408	1/2	70,395	1/2	82,383	1/2	94,370	1/2	106,358
3/4	310	3/4	10,734	3/4	22,721	3/4	34,689	3/4	46,670	3/4	58,657	3/4	70,645	3/4	82,632	3/4	94,620	3/4	106,607
2	372	2	10,984	2	22,971	2	34,938	2	46,920	2	58,907	2	70,895	2	82,882	2	94,870	2	106,857
1/4	476	1/4	11,234	1/4	23,221	1/4	35,187	1/4	47,169	1/4	59,157	1/4	71,144	1/4	83,132	1/4	95,119	1/4	107,107
1/2	580	1/2	11,483	1/2	23,470	1/2	35,436	1/2	47,419	1/2	59,407	1/2	71,394	1/2	83,382	1/2	95,369	1/2	107,357
3/4	685	3/4	11,733	3/4	23,720	3/4	35,685	3/4	47,669	3/4	59,656	3/4	71,644	3/4	83,631	3/4	95,619	3/4	107,606
3	789	3	11,983	3	23,970	3	35,934	3	47,919	3	59,906	3	71,894	3	83,881	3	95,869	3	107,856
1/4	934	1/4	12,233	1/4	24,220	1/4	36,183	1/4	48,168	1/4	60,156	1/4	72,143	1/4	84,131	1/4	96,118	1/4	108,106
1/2	1,080	1/2	12,482	1/2	24,469	1/2	36,432	1/2	48,418	1/2	60,406	1/2	72,393	1/2	84,381	1/2	96,368	1/2	108,356
3/4	1,226	3/4	12,732	3/4	24,719	3/4	36,681	3/4	48,668	3/4	60,655	3/4	72,643	3/4	84,630	3/4	96,618	3/4	108,605
4	1,371	4	12,982	4	24,969	4	36,930	4	48,918	4	60,905	4	72,893	4	84,880	4	96,868	4	108,855
1/4	1,559	1/4	13,231	1/4	25,218	1/4	37,180	1/4	49,167	1/4	61,155	1/4	73,142	1/4	85,130	1/4	97,117	1/4	109,105
1/2	1,746	1/2	13,481	1/2	25,468	1/2	37,430	1/2	49,417	1/2	61,405	1/2	73,392	1/2	85,380	1/2	97,367	1/2	109,355
3/4	1,933	3/4	13,731	3/4	25,718	3/4	37,679	3/4	49,667	3/4	61,654	3/4	73,642	3/4	85,629	3/4	97,617	3/4	109,604
5	2,120	5	13,981	5	25,968	5	37,929	5	49,917	5	61,904	5	73,892	5	85,879	5	97,867	5	109,854
1/4	2,349	1/4	14,230	1/4	26,217	1/4	38,179	1/4	50,166	1/4	62,154	1/4	74,141	1/4	86,129	1/4	98,116	1/4	110,104
1/2	2,577	1/2	14,480	1/2	26,467	1/2	38,429	1/2	50,416	1/2	62,404	1/2	74,391	1/2	86,379	1/2	98,366	1/2	110,354
3/4	2,805	3/4	14,730	3/4	26,717	3/4	38,678	3/4	50,666	3/4	62,653	3/4	74,641	3/4	86,628	3/4	98,616	3/4	110,603
6	3,033	6	14,980	6	26,967	6	38,928	6	50,916	6	62,903	6	74,891	6	86,878	6	98,866	6	110,853
1/4	3,278	1/4	15,229	1/4	27,216	1/4	39,178	1/4	51,165	1/4	63,153	1/4	75,140	1/4	87,128	1/4	99,115	1/4	111,103
1/2	3,523	1/2	15,479	1/2	27,465	1/2	39,428	1/2	51,415	1/2	63,403	1/2	75,390	1/2	87,378	1/2	99,365	1/2	111,352
3/4	3,768	3/4	15,729	3/4	27,715	3/4	39,677	3/4	51,665	3/4	63,652	3/4	75,640	3/4	87,627	3/4	99,615	3/4	111,602
7	4,013	7	15,978	7	27,964	7	39,927	7	51,915	7	63,902	7	75,890	7	87,877	7	99,864	7	111,852
1/4	4,259	1/4	16,228	1/4	28,213	1/4	40,177	1/4	52,164	1/4	64,152	1/4	76,139	1/4	88,127	1/4	100,114	1/4	112,102
1/2	4,506	1/2	16,478	1/2	28,463	1/2	40,427	1/2	52,414	1/2	64,401	1/2	76,389	1/2	88,376	1/2	100,364	1/2	112,351
3/4	4,753	3/4	16,728	3/4	28,712	3/4	40,676	3/4	52,664	3/4	64,651	3/4	76,639	3/4	88,626	3/4	100,614	3/4	112,601
8	5,000	8	16,977	8	28,962	8	40,926	8	52,913	8	64,901	8	76,888	8	88,876	8	100,863	8	112,851
1/4	5,248	1/4	17,227	1/4	29,211	1/4	41,176	1/4	53,163	1/4	65,151	1/4	77,138	1/4	89,126	1/4	101,113	1/4	113,101
1/2	5,497	1/2	17,477	1/2	29,460	1/2	41,425	1/2	53,413	1/2	65,400	1/2	77,388	1/2	89,375	1/2	101,363	1/2	113,350
3/4	5,745	3/4	17,727	3/4	29,709	3/4	41,675	3/4	53,663	3/4	65,650	3/4	77,638	3/4	89,625	3/4	101,613	3/4	113,600
9	5,993	9	17,976	9	29,958	9	41,925	9	53,912	9	65,900	9	77,887	9	89,875	9	101,862	9	113,850
1/4	6,242	1/4	18,226	1/4	30,207	1/4	42,175	1/4	54,162	1/4	66,150	1/4	78,137	1/4	90,125	1/4	102,112	1/4	114,100
1/2	6,491	1/2	18,476	1/2	30,456	1/2	42,424	1/2	54,412	1/2	66,399	1/2	78,387	1/2	90,374	1/2	102,362	1/2	114,349
3/4	6,740	3/4	18,725	3/4	30,705	3/4	42,674	3/4	54,662	3/4	66,649	3/4	78,637	3/4	90,624	3/4	102,612	3/4	114,599
10	6,989	10	18,975	10	30,954	10	42,924	10	54,911	10	66,899	10	78,886	10	90,874	10	102,861	10	114,849
1/4	7,239	1/4	19,225	1/4	31,203	1/4	43,174	1/4	55,161	1/4	67,149	1/4	79,136	1/4	91,124	1/4	103,111	1/4	115,099
1/2	7,488	1/2	19,475	1/2	31,452	1/2	43,423	1/2	55,411	1/2	67,398	1/2	79,386	1/2	91,373	1/2	103,361	1/2	115,348
3/4	7,738	3/4	19,724	3/4	31,701	3/4	43,673	3/4	55,661	3/4	67,648	3/4	79,636	3/4	91,623	3/4	103,611	3/4	115,598
11	7,987	11	19,974	11	31,950	11	43,923	11	55,910	11	67,898	11	79,885	11	91,873	11	103,860	11	115,848
1/4	8,237	1/4	20,224	1/4	32,199	1/4	44,173	1/4	56,160	1/4	68,148	1/4	80,135	1/4	92,123	1/4	104,110	1/4	116,098
1/2	8,487	1/2	20,474	1/2	32,448	1/2	44,422	1/2	56,410	1/2	68,397	1/2	80,385	1/2	92,372	1/2	104,360	1/2	116,347
3/4	8,736	3/4	20,723	3/4	32,697	3/4	44,672	3/4	56,660	3/4	68,647	3/4	80,635	3/4	92,622	3/4	104,610	3/4	116,597

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 1417"

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	116,847	0	128,834	0	140,822	0	152,809	0	164,797	0		0		0		0		0	
1/4	117,096	1/4	129,084	1/4	141,071	1/4	153,059	1/4	165,046	1/4		1/4		1/4		1/4		1/4	
1/2	117,346	1/2	129,334	1/2	141,321	1/2	153,309	1/2	165,296	1/2		1/2		1/2		1/2		1/2	
3/4	117,596	3/4	129,583	3/4	141,571	3/4	153,558	3/4	165,546	3/4		3/4		3/4		3/4		3/4	
1	117,846	1	129,833	1	141,821	1	153,808	1	165,796	1		1		1		1		1	
1/4	118,095	1/4	130,083	1/4	142,070	1/4	154,058	1/4	166,045	1/4		1/4		1/4		1/4		1/4	
1/2	118,345	1/2	130,333	1/2	142,320	1/2	154,308	1/2	166,295	1/2		1/2		1/2		1/2		1/2	
3/4	118,595	3/4	130,582	3/4	142,570	3/4	154,557	3/4	166,545	3/4		3/4		3/4		3/4		3/4	
2	118,845	2	130,832	2	142,820	2	154,807	2	166,795	2		2		2		2		2	
1/4	119,094	1/4	131,082	1/4	143,069	1/4	155,057	1/4	167,044	1/4		1/4		1/4		1/4		1/4	
1/2	119,344	1/2	131,332	1/2	143,319	1/2	155,307	1/2	167,294	1/2		1/2		1/2		1/2		1/2	
3/4	119,594	3/4	131,581	3/4	143,569	3/4	155,556	3/4	167,544	3/4		3/4		3/4		3/4		3/4	
3	119,844	3	131,831	3	143,819	3	155,806	3	167,794	3		3		3		3		3	
1/4	120,093	1/4	132,081	1/4	144,068	1/4	156,056	1/4	168,022	1/4		1/4		1/4		1/4		1/4	
1/2	120,343	1/2	132,331	1/2	144,318	1/2	156,306	1/2	168,251	1/2		1/2		1/2		1/2		1/2	
3/4	120,593	3/4	132,580	3/4	144,568	3/4	156,555	3/4	168,480	3/4		3/4		3/4		3/4		3/4	
4	120,843	4	132,830	4	144,818	4	156,805	4	168,709	4		4		4		4		4	
1/4	121,092	1/4	133,080	1/4	145,067	1/4	157,055	1/4	168,897	1/4		1/4		1/4		1/4		1/4	
1/2	121,342	1/2	133,330	1/2	145,317	1/2	157,304	1/2	169,084	1/2		1/2		1/2		1/2		1/2	
3/4	121,592	3/4	133,579	3/4	145,567	3/4	157,554	3/4	169,271	3/4		3/4		3/4		3/4		3/4	
5	121,842	5	133,829	5	145,816	5	157,804	5	169,458	5		5		5		5		5	
1/4	122,091	1/4	134,079	1/4	146,066	1/4	158,054	1/4	169,604	1/4		1/4		1/4		1/4		1/4	
1/2	122,341	1/2	134,328	1/2	146,316	1/2	158,303	1/2	169,750	1/2		1/2		1/2		1/2		1/2	
3/4	122,591	3/4	134,578	3/4	146,566	3/4	158,553	3/4	169,895	3/4		3/4		3/4		3/4		3/4	
6	122,840	6	134,828	6	146,815	6	158,803	6	170,041	6		6		6		6		6	
1/4	123,090	1/4	135,078	1/4	147,065	1/4	159,053	1/4	170,145	1/4		1/4		1/4		1/4		1/4	
1/2	123,340	1/2	135,327	1/2	147,315	1/2	159,302	1/2	170,249	1/2		1/2		1/2		1/2		1/2	
3/4	123,590	3/4	135,577	3/4	147,565	3/4	159,552	3/4	170,353	3/4		3/4		3/4		3/4		3/4	
7	123,839	7	135,827	7	147,814	7	159,802	7	170,457	7		7		7		7		7	
1/4	124,089	1/4	136,077	1/4	148,064	1/4	160,052	1/4	170,520	1/4		1/4		1/4		1/4		1/4	
1/2	124,339	1/2	136,326	1/2	148,314	1/2	160,301	1/2	170,582	1/2		1/2		1/2		1/2		1/2	
3/4	124,589	3/4	136,576	3/4	148,564	3/4	160,551	3/4	170,645	3/4		3/4		3/4		3/4		3/4	
8	124,838	8	136,826	8	148,813	8	160,801	8	170,707	8		8		8		8		8	
1/4	125,088	1/4	137,076	1/4	149,063	1/4	161,051	1/4	170,728	1/4		1/4		1/4		1/4		1/4	
1/2	125,338	1/2	137,325	1/2	149,313	1/2	161,300	1/2	170,749	1/2		1/2		1/2		1/2		1/2	
3/4	125,588	3/4	137,575	3/4	149,563	3/4	161,550	3/4		3/4		3/4		3/4		3/4		3/4	
9	125,837	9	137,825	9	149,812	9	161,800	9		9		9		9		9		9	
1/4	126,087	1/4	138,075	1/4	150,062	1/4	162,050	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,337	1/2	138,324	1/2	150,312	1/2	162,299	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,587	3/4	138,574	3/4	150,562	3/4	162,549	3/4		3/4		3/4		3/4		3/4		3/4	
10	126,836	10	138,824	10	150,811	10	162,799	10		10		10		10		10		10	
1/4	127,086	1/4	139,074	1/4	151,061	1/4	163,048	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,336	1/2	139,323	1/2	151,311	1/2	163,298	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,586	3/4	139,573	3/4	151,560	3/4	163,548	3/4		3/4		3/4		3/4		3/4		3/4	
11	127,835	11	139,823	11	151,810	11	163,798	11		11		11		11		11		11	
1/4	128,085	1/4	140,072	1/4	152,060	1/4	164,047	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,335	1/2	140,322	1/2	152,310	1/2	164,297	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,584	3/4	140,572	3/4	152,559	3/4	164,547	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 SW
CALCULATED: 11/04/2019 CL
PRINTED: 11/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "CBC 1417"

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	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-7/8	01-7/8	- 02-1/4	02-1/4
2 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
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	- 00-1/4	00-1/4

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

LENGTH BETWEEN DRAFT MARKS: 176'-06"

November 4, 2019

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

<http://www.pmacorp.net>



BARGE "CBC 1417"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	151,280	0	144,027	0	135,916	0	127,805	0	119,702	0	109,160	0	97,587	0	86,013		
1/4	1/4	1/4	151,260	1/4	143,858	1/4	135,747	1/4	127,636	1/4	119,534	1/4	108,919	1/4	97,346	1/4	85,772		
1/2	1/2	1/2	151,240	1/2	143,689	1/2	135,578	1/2	127,467	1/2	119,366	1/2	108,678	1/2	97,105	1/2	85,531		
3/4	3/4	3/4	151,179	3/4	143,520	3/4	135,409	3/4	127,298	3/4	119,197	3/4	108,437	3/4	96,863	3/4	85,290		
1	1	1	151,119	1	143,352	1	135,241	1	127,129	1	119,029	1	108,196	1	96,622	1	85,049		
1/4	1/4	1/4	151,058	1/4	143,183	1/4	135,072	1/4	126,961	1/4	118,860	1/4	107,954	1/4	96,381	1/4	84,808		
1/2	1/2	1/2	150,998	1/2	143,014	1/2	134,903	1/2	126,792	1/2	118,692	1/2	107,713	1/2	96,140	1/2	84,567		
3/4	3/4	3/4	150,897	3/4	142,845	3/4	134,734	3/4	126,623	3/4	118,523	3/4	107,472	3/4	95,899	3/4	84,326		
2	2	2	150,797	2	142,676	2	134,565	2	126,454	2	118,355	2	107,231	2	95,658	2	84,085		
1/4	1/4	1/4	150,696	1/4	142,507	1/4	134,396	1/4	126,285	1/4	118,187	1/4	106,990	1/4	95,417	1/4	83,843		
1/2	1/2	1/2	150,595	1/2	142,338	1/2	134,227	1/2	126,116	1/2	118,018	1/2	106,749	1/2	95,176	1/2	83,602		
3/4	3/4	3/4	150,454	3/4	142,169	3/4	134,058	3/4	125,947	3/4	117,850	3/4	106,508	3/4	94,935	3/4	83,361		
3	3	3	150,313	3	142,000	3	133,889	3	125,778	3	117,682	3	106,267	3	94,694	3	83,120		
1/4	1/4	1/4	150,173	1/4	141,831	1/4	133,720	1/4	125,609	1/4	117,514	1/4	106,026	1/4	94,452	1/4	82,879		
1/2	1/2	1/2	150,032	1/2	141,662	1/2	133,551	1/2	125,440	1/2	117,347	1/2	105,784	1/2	94,211	1/2	82,638		
3/4	3/4	3/4	149,850	3/4	141,493	3/4	133,382	3/4	125,271	3/4	117,106	3/4	105,543	3/4	93,970	3/4	82,397		
4	4	4	149,669	4	141,324	4	133,213	4	125,102	4	116,865	4	105,302	4	93,729	4	82,157		
1/4	1/4	1/4	149,488	1/4	141,155	1/4	133,044	1/4	124,933	1/4	116,625	1/4	105,061	1/4	93,488	1/4	81,917		
1/2	1/2	1/2	149,307	1/2	140,986	1/2	132,875	1/2	124,764	1/2	116,384	1/2	104,820	1/2	93,247	1/2	81,676		
3/4	3/4	3/4	149,085	3/4	140,817	3/4	132,706	3/4	124,595	3/4	116,144	3/4	104,579	3/4	93,006	3/4	81,437		
5	5	5	148,864	5	140,648	5	132,537	5	124,426	5	115,903	5	104,338	5	92,765	5	81,197		
1/4	1/4	1/4	148,642	1/4	140,479	1/4	132,368	1/4	124,257	1/4	115,663	1/4	104,097	1/4	92,524	1/4	80,957		
1/2	1/2	1/2	148,421	1/2	140,310	1/2	132,199	1/2	124,088	1/2	115,422	1/2	103,856	1/2	92,282	1/2	80,718		
3/4	3/4	3/4	148,252	3/4	140,141	3/4	132,030	3/4	123,919	3/4	115,182	3/4	103,615	3/4	92,041	3/4	80,478		
6	6	6	148,083	6	139,972	6	131,861	6	123,750	6	114,941	6	103,373	6	91,800	6	80,238		
1/4	1/4	1/4	147,914	1/4	139,803	1/4	131,692	1/4	123,581	1/4	114,700	1/4	103,132	1/4	91,559	1/4	79,999		
1/2	1/2	1/2	147,745	1/2	139,634	1/2	131,523	1/2	123,412	1/2	114,460	1/2	102,891	1/2	91,318	1/2	79,759		
3/4	3/4	3/4	147,576	3/4	139,465	3/4	131,354	3/4	123,243	3/4	114,219	3/4	102,650	3/4	91,077	3/4	79,519		
7	7	7	147,407	7	139,296	7	131,185	7	123,074	7	113,979	7	102,409	7	90,836	7	79,280		
1/4	1/4	1/4	147,238	1/4	139,127	1/4	131,016	1/4	122,905	1/4	113,738	1/4	102,168	1/4	90,595	1/4	79,040		
1/2	1/2	1/2	147,069	1/2	138,958	1/2	130,847	1/2	122,736	1/2	113,498	1/2	101,927	1/2	90,354	1/2	78,800		
3/4	3/4	3/4	146,900	3/4	138,789	3/4	130,678	3/4	122,567	3/4	113,257	3/4	101,686	3/4	90,112	3/4	78,561		
8	8	8	146,731	8	138,620	8	130,509	8	122,398	8	113,017	8	101,445	8	89,871	8	78,321		
1/4	1/4	1/4	146,562	1/4	138,451	1/4	130,340	1/4	122,229	1/4	112,776	1/4	101,203	1/4	89,630	1/4	78,081		
1/2	1/2	1/2	146,393	1/2	138,282	1/2	130,171	1/2	122,060	1/2	112,536	1/2	100,962	1/2	89,389	1/2	77,842		
3/4	3/4	3/4	146,224	3/4	138,113	3/4	130,002	3/4	121,892	3/4	112,294	3/4	100,721	3/4	89,148	3/4	77,602		
9	9	9	146,055	9	137,944	9	129,833	9	121,723	9	112,053	9	100,480	9	88,907	9	77,362		
1/4	1/4	1/4	145,886	1/4	137,775	1/4	129,664	1/4	121,555	1/4	111,812	1/4	100,239	1/4	88,666	1/4	77,123		
1/2	1/2	1/2	145,717	1/2	137,606	1/2	129,495	1/2	121,386	1/2	111,571	1/2	99,998	1/2	88,425	1/2	76,883		
3/4	3/4	3/4	145,548	3/4	137,437	3/4	129,326	3/4	121,218	3/4	111,330	3/4	99,757	3/4	88,184	3/4	76,643		
10	10	10	145,379	10	137,268	10	129,157	10	121,050	10	111,089	10	99,516	10	87,942	10	76,404		
1/4	1/4	1/4	145,210	1/4	137,099	1/4	128,988	1/4	120,881	1/4	110,848	1/4	99,275	1/4	87,701	1/4	76,164		
1/2	1/2	1/2	145,041	1/2	136,930	1/2	128,819	1/2	120,713	1/2	110,607	1/2	99,033	1/2	87,460	1/2	75,924		
3/4	3/4	3/4	144,872	3/4	136,761	3/4	128,650	3/4	120,544	3/4	110,366	3/4	98,792	3/4	87,219	3/4	75,685		
11	11	11	144,703	11	136,592	11	128,481	11	120,376	11	110,124	11	98,551	11	86,978	11	75,445		
1/4	1/4	1/4	144,534	1/4	136,423	1/4	128,312	1/4	120,208	1/4	109,883	1/4	98,310	1/4	86,737	1/4	75,205		
1/2	1/2	1/2	144,365	1/2	136,254	1/2	128,143	1/2	120,039	1/2	109,642	1/2	98,069	1/2	86,496	1/2	74,966		
3/4	3/4	3/4	144,196	3/4	136,085	3/4	127,974	3/4	119,871	3/4	109,401	3/4	97,828	3/4	86,255	3/4	74,725		

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'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 1417"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	74,485	0	62,922	0	51,353	0	39,785	0	28,431	0	16,908	0	5,318	0		0		0	
1/4	74,244	1/4	62,681	1/4	51,112	1/4	39,544	1/4	28,197	1/4	16,667	1/4	5,078	1/4		1/4		1/4	
1/2	74,004	1/2	62,440	1/2	50,871	1/2	39,303	1/2	27,963	1/2	16,425	1/2	4,838	1/2		1/2		1/2	
3/4	73,764	3/4	62,199	3/4	50,630	3/4	39,062	3/4	27,729	3/4	16,184	3/4	4,599	3/4		3/4		3/4	
1	73,523	1	61,958	1	50,389	1	38,820	1	27,495	1	15,942	1	4,360	1		1		1	
1/4	73,283	1/4	61,717	1/4	50,148	1/4	38,579	1/4	27,260	1/4	15,700	1/4	4,122	1/4		1/4		1/4	
1/2	73,042	1/2	61,476	1/2	49,907	1/2	38,338	1/2	27,026	1/2	15,459	1/2	3,883	1/2		1/2		1/2	
3/4	72,802	3/4	61,235	3/4	49,666	3/4	38,097	3/4	26,792	3/4	15,217	3/4	3,646	3/4		3/4		3/4	
2	72,561	2	60,994	2	49,425	2	37,856	2	26,558	2	14,976	2	3,409	2		2		2	
1/4	72,321	1/4	60,753	1/4	49,184	1/4	37,615	1/4	26,323	1/4	14,734	1/4	3,172	1/4		1/4		1/4	
1/2	72,081	1/2	60,512	1/2	48,943	1/2	37,374	1/2	26,089	1/2	14,492	1/2	2,935	1/2		1/2		1/2	
3/4	71,840	3/4	60,271	3/4	48,702	3/4	37,133	3/4	25,848	3/4	14,251	3/4	2,715	3/4		3/4		3/4	
3	71,599	3	60,030	3	48,461	3	36,892	3	25,606	3	14,009	3	2,494	3		3		3	
1/4	71,358	1/4	59,789	1/4	48,220	1/4	36,651	1/4	25,364	1/4	13,768	1/4	2,273	1/4		1/4		1/4	
1/2	71,116	1/2	59,548	1/2	47,979	1/2	36,410	1/2	25,123	1/2	13,526	1/2	2,052	1/2		1/2		1/2	
3/4	70,875	3/4	59,307	3/4	47,738	3/4	36,169	3/4	24,881	3/4	13,284	3/4	1,871	3/4		3/4		3/4	
4	70,634	4	59,066	4	47,497	4	35,928	4	24,640	4	13,043	4	1,690	4		4		4	
1/4	70,393	1/4	58,825	1/4	47,256	1/4	35,687	1/4	24,398	1/4	12,801	1/4	1,509	1/4		1/4		1/4	
1/2	70,152	1/2	58,584	1/2	47,015	1/2	35,446	1/2	24,156	1/2	12,560	1/2	1,328	1/2		1/2		1/2	
3/4	69,911	3/4	58,343	3/4	46,774	3/4	35,212	3/4	23,915	3/4	12,318	3/4	1,187	3/4		3/4		3/4	
5	69,670	5	58,102	5	46,533	5	34,979	5	23,673	5	12,077	5	1,046	5		5		5	
1/4	69,429	1/4	57,861	1/4	46,292	1/4	34,745	1/4	23,432	1/4	11,835	1/4	905	1/4		1/4		1/4	
1/2	69,188	1/2	57,620	1/2	46,051	1/2	34,511	1/2	23,190	1/2	11,593	1/2	764	1/2		1/2		1/2	
3/4	68,947	3/4	57,379	3/4	45,810	3/4	34,277	3/4	22,948	3/4	11,352	3/4	663	3/4		3/4		3/4	
6	68,706	6	57,138	6	45,569	6	34,043	6	22,707	6	11,110	6	563	6		6		6	
1/4	68,465	1/4	56,897	1/4	45,328	1/4	33,809	1/4	22,465	1/4	10,869	1/4	462	1/4		1/4		1/4	
1/2	68,224	1/2	56,656	1/2	45,087	1/2	33,575	1/2	22,224	1/2	10,627	1/2	361	1/2		1/2		1/2	
3/4	67,983	3/4	56,415	3/4	44,846	3/4	33,342	3/4	21,982	3/4	10,385	3/4	301	3/4		3/4		3/4	
7	67,742	7	56,174	7	44,605	7	33,108	7	21,740	7	10,144	7	241	7		7		7	
1/4	67,501	1/4	55,933	1/4	44,364	1/4	32,874	1/4	21,499	1/4	9,902	1/4	180	1/4		1/4		1/4	
1/2	67,260	1/2	55,692	1/2	44,123	1/2	32,640	1/2	21,257	1/2	9,661	1/2	120	1/2		1/2		1/2	
3/4	67,019	3/4	55,451	3/4	43,882	3/4	32,406	3/4	21,016	3/4	9,419	3/4	100	3/4		3/4		3/4	
8	66,778	8	55,210	8	43,641	8	32,172	8	20,774	8	9,177	8	80	8		8		8	
1/4	66,537	1/4	54,968	1/4	43,400	1/4	31,938	1/4	20,532	1/4	8,936	1/4	59	1/4		1/4		1/4	
1/2	66,296	1/2	54,727	1/2	43,159	1/2	31,705	1/2	20,291	1/2	8,694	1/2	39	1/2		1/2		1/2	
3/4	66,055	3/4	54,486	3/4	42,918	3/4	31,471	3/4	20,049	3/4	8,453	3/4		3/4		3/4		3/4	
9	65,814	9	54,245	9	42,677	9	31,237	9	19,808	9	8,211	9		9		9		9	
1/4	65,573	1/4	54,004	1/4	42,436	1/4	31,003	1/4	19,566	1/4	7,969	1/4		1/4		1/4		1/4	
1/2	65,332	1/2	53,763	1/2	42,195	1/2	30,769	1/2	19,324	1/2	7,728	1/2		1/2		1/2		1/2	
3/4	65,091	3/4	53,522	3/4	41,954	3/4	30,535	3/4	19,083	3/4	7,486	3/4		3/4		3/4		3/4	
10	64,850	10	53,281	10	41,713	10	30,302	10	18,841	10	7,245	10		10		10		10	
1/4	64,609	1/4	53,040	1/4	41,472	1/4	30,068	1/4	18,600	1/4	7,004	1/4		1/4		1/4		1/4	
1/2	64,368	1/2	52,799	1/2	41,231	1/2	29,834	1/2	18,358	1/2	6,762	1/2		1/2		1/2		1/2	
3/4	64,127	3/4	52,558	3/4	40,990	3/4	29,600	3/4	18,116	3/4	6,521	3/4		3/4		3/4		3/4	
11	63,886	11	52,317	11	40,749	11	29,366	11	17,875	11	6,281	11		11		11		11	
1/4	63,645	1/4	52,076	1/4	40,508	1/4	29,132	1/4	17,633	1/4	6,040	1/4		1/4		1/4		1/4	
1/2	63,404	1/2	51,835	1/2	40,267	1/2	28,898	1/2	17,392	1/2	5,799	1/2		1/2		1/2		1/2	
3/4	63,163	3/4	51,594	3/4	40,026	3/4	28,665	3/4	17,150	3/4	5,559	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 SW
CALCULATED: 11/04/2019 CL
PRINTED: 11/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "CBC 1417"

2 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	190,933	0	180,093	0	166,666	0	153,238	0	139,811	0	126,384	0	112,956	0	99,529		
1/4	1/4	1/4	190,909	1/4	179,813	1/4	166,386	1/4	152,959	1/4	139,531	1/4	126,104	1/4	112,677	1/4	99,249		
1/2	1/2	1/2	190,839	1/2	179,533	1/2	166,106	1/2	152,679	1/2	139,252	1/2	125,824	1/2	112,397	1/2	98,970		
3/4	3/4	3/4	190,769	3/4	179,254	3/4	165,826	3/4	152,399	3/4	138,972	3/4	125,545	3/4	112,117	3/4	98,690		
1	1	1	190,700	1	178,974	1	165,547	1	152,119	1	138,692	1	125,265	1	111,838	1	98,410		
1/4	1/4	1/4	190,630	1/4	178,694	1/4	165,267	1/4	151,840	1/4	138,412	1/4	124,985	1/4	111,558	1/4	98,130		
1/2	1/2	1/2	190,513	1/2	178,415	1/2	164,987	1/2	151,560	1/2	138,133	1/2	124,705	1/2	111,278	1/2	97,851		
3/4	3/4	3/4	190,396	3/4	178,135	3/4	164,707	3/4	151,280	3/4	137,853	3/4	124,426	3/4	110,998	3/4	97,571		
2	2	2	190,280	2	177,855	2	164,428	2	151,000	2	137,573	2	124,146	2	110,719	2	97,291		
1/4	1/4	1/4	190,163	1/4	177,575	1/4	164,148	1/4	150,721	1/4	137,293	1/4	123,866	1/4	110,439	1/4	97,012		
1/2	1/2	1/2	190,000	1/2	177,296	1/2	163,868	1/2	150,441	1/2	137,014	1/2	123,586	1/2	110,159	1/2	96,732		
3/4	3/4	3/4	189,837	3/4	177,016	3/4	163,589	3/4	150,161	3/4	136,734	3/4	123,307	3/4	109,879	3/4	96,452		
3	3	3	189,674	3	176,736	3	163,309	3	149,882	3	136,454	3	123,027	3	109,600	3	96,172		
1/4	1/4	1/4	189,511	1/4	176,456	1/4	163,029	1/4	149,602	1/4	136,174	1/4	122,747	1/4	109,320	1/4	95,893		
1/2	1/2	1/2	189,301	1/2	176,177	1/2	162,749	1/2	149,322	1/2	135,895	1/2	122,467	1/2	109,040	1/2	95,613		
3/4	3/4	3/4	189,091	3/4	175,897	3/4	162,470	3/4	149,042	3/4	135,615	3/4	122,188	3/4	108,760	3/4	95,333		
4	4	4	188,881	4	175,617	4	162,190	4	148,763	4	135,335	4	121,908	4	108,481	4	95,053		
1/4	1/4	1/4	188,671	1/4	175,337	1/4	161,910	1/4	148,483	1/4	135,056	1/4	121,628	1/4	108,201	1/4	94,774		
1/2	1/2	1/2	188,415	1/2	175,058	1/2	161,630	1/2	148,203	1/2	134,776	1/2	121,349	1/2	107,921	1/2	94,494		
3/4	3/4	3/4	188,159	3/4	174,778	3/4	161,351	3/4	147,923	3/4	134,496	3/4	121,069	3/4	107,641	3/4	94,214		
5	5	5	187,902	5	174,498	5	161,071	5	147,644	5	134,216	5	120,789	5	107,362	5	93,934		
1/4	1/4	1/4	187,646	1/4	174,218	1/4	160,791	1/4	147,364	1/4	133,937	1/4	120,509	1/4	107,082	1/4	93,655		
1/2	1/2	1/2	187,366	1/2	173,939	1/2	160,511	1/2	147,084	1/2	133,657	1/2	120,230	1/2	106,802	1/2	93,375		
3/4	3/4	3/4	187,086	3/4	173,659	3/4	160,232	3/4	146,804	3/4	133,377	3/4	119,950	3/4	106,523	3/4	93,095		
6	6	6	186,807	6	173,379	6	159,952	6	146,525	6	133,097	6	119,670	6	106,243	6	92,816		
1/4	1/4	1/4	186,527	1/4	173,100	1/4	159,672	1/4	146,245	1/4	132,818	1/4	119,390	1/4	105,963	1/4	92,536		
1/2	1/2	1/2	186,247	1/2	172,820	1/2	159,393	1/2	145,965	1/2	132,538	1/2	119,111	1/2	105,683	1/2	92,256		
3/4	3/4	3/4	185,967	3/4	172,540	3/4	159,113	3/4	145,685	3/4	132,258	3/4	118,831	3/4	105,404	3/4	91,976		
7	7	7	185,688	7	172,260	7	158,833	7	145,406	7	131,978	7	118,551	7	105,124	7	91,697		
1/4	1/4	1/4	185,408	1/4	171,981	1/4	158,553	1/4	145,126	1/4	131,699	1/4	118,271	1/4	104,844	1/4	91,417		
1/2	1/2	1/2	185,128	1/2	171,701	1/2	158,274	1/2	144,846	1/2	131,419	1/2	117,992	1/2	104,564	1/2	91,137		
3/4	3/4	3/4	184,848	3/4	171,421	3/4	157,994	3/4	144,567	3/4	131,139	3/4	117,712	3/4	104,285	3/4	90,857		
8	8	8	184,569	8	171,141	8	157,714	8	144,287	8	130,860	8	117,432	8	104,005	8	90,578		
1/4	1/4	1/4	184,289	1/4	170,862	1/4	157,434	1/4	144,007	1/4	130,580	1/4	117,152	1/4	103,725	1/4	90,298		
1/2	1/2	1/2	184,009	1/2	170,582	1/2	157,155	1/2	143,727	1/2	130,300	1/2	116,873	1/2	103,445	1/2	90,018		
3/4	3/4	3/4	183,729	3/4	170,302	3/4	156,875	3/4	143,448	3/4	130,020	3/4	116,593	3/4	103,166	3/4	89,738		
9	9	9	183,450	9	170,022	9	156,595	9	143,168	9	129,741	9	116,313	9	102,886	9	89,459		
1/4	1/4	1/4	183,170	1/4	169,743	1/4	156,315	1/4	142,888	1/4	129,461	1/4	116,034	1/4	102,606	1/4	89,179		
1/2	1/2	1/2	182,890	1/2	169,463	1/2	156,036	1/2	142,608	1/2	129,181	1/2	115,754	1/2	102,327	1/2	88,899		
3/4	3/4	3/4	182,611	3/4	169,183	3/4	155,756	3/4	142,329	3/4	128,901	3/4	115,474	3/4	102,047	3/4	88,619		
10	10	10	182,331	10	168,904	10	155,476	10	142,049	10	128,622	10	115,194	10	101,767	10	88,340		
1/4	1/4	1/4	182,051	1/4	168,624	1/4	155,196	1/4	141,769	1/4	128,342	1/4	114,915	1/4	101,487	1/4	88,060		
1/2	1/2	1/2	181,771	1/2	168,344	1/2	154,917	1/2	141,489	1/2	128,062	1/2	114,635	1/2	101,208	1/2	87,780		
3/4	3/4	3/4	181,492	3/4	168,064	3/4	154,637	3/4	141,210	3/4	127,782	3/4	114,355	3/4	100,928	3/4	87,501		
11	11	11	181,212	11	167,785	11	154,357	11	140,930	11	127,503	11	114,075	11	100,648	11	87,221		
1/4	1/4	1/4	180,932	1/4	167,505	1/4	154,078	1/4	140,650	1/4	127,223	1/4	113,796	1/4	100,368	1/4	86,941		
1/2	1/2	1/2	180,652	1/2	167,225	1/2	153,798	1/2	140,371	1/2	126,943	1/2	113,516	1/2	100,089	1/2	86,661		
3/4	3/4	3/4	190,956	3/4	180,373	3/4	166,945	3/4	153,518	3/4	140,091	3/4	126,663	3/4	113,236	3/4	99,809	3/4	86,382

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 36'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 1417"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	85,822	1/4	72,395	1/4	58,968	1/4	45,540	1/4	32,407	1/4	19,012	1/4	5,596	1/4		1/4		1/4		1/4	
1/2	85,542	1/2	72,115	1/2	58,688	1/2	45,261	1/2	32,135	1/2	18,732	1/2	5,319	1/2		1/2		1/2		1/2	
3/4	85,263	3/4	71,835	3/4	58,408	3/4	44,981	3/4	31,863	3/4	18,452	3/4	5,043	3/4		3/4		3/4		3/4	
1	84,983	1	71,556	1	58,128	1	44,701	1	31,592	1	18,173	1	4,766	1	1	1	1	1	1	1	1
1/4	84,703	1/4	71,276	1/4	57,849	1/4	44,421	1/4	31,320	1/4	17,893	1/4	4,490	1/4		1/4		1/4		1/4	
1/2	84,423	1/2	70,996	1/2	57,569	1/2	44,142	1/2	31,040	1/2	17,613	1/2	4,215	1/2		1/2		1/2		1/2	
3/4	84,144	3/4	70,716	3/4	57,289	3/4	43,862	3/4	30,760	3/4	17,333	3/4	3,941	3/4		3/4		3/4		3/4	
2	83,864	2	70,437	2	57,009	2	43,582	2	30,481	2	17,054	2	3,667	2	2	2	2	2	2	2	2
1/4	83,584	1/4	70,157	1/4	56,730	1/4	43,302	1/4	30,201	1/4	16,774	1/4	3,393	1/4		1/4		1/4		1/4	
1/2	83,305	1/2	69,877	1/2	56,450	1/2	43,023	1/2	29,921	1/2	16,494	1/2	3,137	1/2		1/2		1/2		1/2	
3/4	83,025	3/4	69,597	3/4	56,170	3/4	42,743	3/4	29,641	3/4	16,215	3/4	2,882	3/4		3/4		3/4		3/4	
3	82,745	3	69,318	3	55,890	3	42,463	3	29,362	3	15,935	3	2,626	3	3	3	3	3	3	3	3
1/4	82,465	1/4	69,038	1/4	55,611	1/4	42,183	1/4	29,082	1/4	15,655	1/4	2,370	1/4		1/4		1/4		1/4	
1/2	82,186	1/2	68,758	1/2	55,331	1/2	41,912	1/2	28,802	1/2	15,375	1/2	2,161	1/2		1/2		1/2		1/2	
3/4	81,906	3/4	68,479	3/4	55,051	3/4	41,640	3/4	28,522	3/4	15,096	3/4	1,951	3/4		3/4		3/4		3/4	
4	81,626	4	68,199	4	54,772	4	41,368	4	28,243	4	14,816	4	1,741	4	4	4	4	4	4	4	4
1/4	81,346	1/4	67,919	1/4	54,492	1/4	41,096	1/4	27,963	1/4	14,536	1/4	1,531	1/4		1/4		1/4		1/4	
1/2	81,067	1/2	67,639	1/2	54,212	1/2	40,824	1/2	27,683	1/2	14,256	1/2	1,368	1/2		1/2		1/2		1/2	
3/4	80,787	3/4	67,360	3/4	53,932	3/4	40,553	3/4	27,404	3/4	13,977	3/4	1,205	3/4		3/4		3/4		3/4	
5	80,507	5	67,080	5	53,653	5	40,281	5	27,124	5	13,697	5	1,042	5	5	5	5	5	5	5	5
1/4	80,227	1/4	66,800	1/4	53,373	1/4	40,010	1/4	26,844	1/4	13,417	1/4	878	1/4		1/4		1/4		1/4	
1/2	79,948	1/2	66,520	1/2	53,093	1/2	39,738	1/2	26,564	1/2	13,138	1/2	762	1/2		1/2		1/2		1/2	
3/4	79,668	3/4	66,241	3/4	52,813	3/4	39,467	3/4	26,285	3/4	12,858	3/4	645	3/4		3/4		3/4		3/4	
6	79,388	6	65,961	6	52,534	6	39,195	6	26,005	6	12,578	6	529	6	6	6	6	6	6	6	6
1/4	79,108	1/4	65,681	1/4	52,254	1/4	38,924	1/4	25,725	1/4	12,298	1/4	412	1/4		1/4		1/4		1/4	
1/2	78,829	1/2	65,401	1/2	51,974	1/2	38,652	1/2	25,445	1/2	12,019	1/2	342	1/2		1/2		1/2		1/2	
3/4	78,549	3/4	65,122	3/4	51,694	3/4	38,381	3/4	25,166	3/4	11,739	3/4	272	3/4		3/4		3/4		3/4	
7	78,269	7	64,842	7	51,415	7	38,109	7	24,886	7	11,459	7	202	7	7	7	7	7	7	7	7
1/4	77,990	1/4	64,562	1/4	51,135	1/4	37,838	1/4	24,606	1/4	11,179	1/4	133	1/4		1/4		1/4		1/4	
1/2	77,710	1/2	64,283	1/2	50,855	1/2	37,566	1/2	24,327	1/2	10,900	1/2	109	1/2		1/2		1/2		1/2	
3/4	77,430	3/4	64,003	3/4	50,575	3/4	37,295	3/4	24,047	3/4	10,620	3/4	86	3/4		3/4		3/4		3/4	
8	77,150	8	63,723	8	50,296	8	37,023	8	23,767	8	10,340	8	63	8	8	8	8	8	8	8	8
1/4	76,871	1/4	63,443	1/4	50,016	1/4	36,752	1/4	23,487	1/4	10,061	1/4	39	1/4		1/4		1/4		1/4	
1/2	76,591	1/2	63,164	1/2	49,736	1/2	36,480	1/2	23,208	1/2	9,781	1/2		1/2		1/2		1/2		1/2	
3/4	76,311	3/4	62,884	3/4	49,457	3/4	36,209	3/4	22,928	3/4	9,501	3/4		3/4		3/4		3/4		3/4	
9	76,031	9	62,604	9	49,177	9	35,937	9	22,648	9	9,221	9	9	9	9	9	9	9	9	9	9
1/4	75,752	1/4	62,324	1/4	48,897	1/4	35,665	1/4	22,369	1/4	8,942	1/4		1/4		1/4		1/4		1/4	
1/2	75,472	1/2	62,045	1/2	48,617	1/2	35,394	1/2	22,089	1/2	8,662	1/2		1/2		1/2		1/2		1/2	
3/4	75,192	3/4	61,765	3/4	48,338	3/4	35,122	3/4	21,809	3/4	8,383	3/4		3/4		3/4		3/4		3/4	
10	74,912	10	61,485	10	48,058	10	34,851	10	21,529	10	8,103	10	10	10	10	10	10	10	10	10	10
1/4	74,633	1/4	61,205	1/4	47,778	1/4	34,579	1/4	21,250	1/4	7,824	1/4		1/4		1/4		1/4		1/4	
1/2	74,353	1/2	60,926	1/2	47,498	1/2	34,308	1/2	20,970	1/2	7,545	1/2		1/2		1/2		1/2		1/2	
3/4	74,073	3/4	60,646	3/4	47,219	3/4	34,036	3/4	20,690	3/4	7,266	3/4		3/4		3/4		3/4		3/4	
11	73,794	11	60,366	11	46,939	11	33,765	11	20,410	11	6,987	11	11	11	11	11	11	11	11	11	11
1/4	73,514	1/4	60,086	1/4	46,659	1/4	33,493	1/4	20,131	1/4	6,708	1/4		1/4		1/4		1/4		1/4	
1/2	73,234	1/2	59,807	1/2	46,379	1/2	33,222	1/2	19,851	1/2	6,430	1/2		1/2		1/2		1/2		1/2	
3/4	72,954	3/4	59,527	3/4	46,100	3/4	32,950	3/4	19,571	3/4	6,152	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 SW
CALCULATED: 11/04/2019 CL
PRINTED: 11/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "CBC 1417"

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	170,728	0	161,051	0	149,063	0	137,076	0	125,088	0	113,101	0	101,113	0	89,126	0	89,126
1/4	1/4	1/4	170,707	1/4	160,801	1/4	148,813	1/4	136,826	1/4	124,838	1/4	112,851	1/4	100,863	1/4	88,876	1/4	88,876
1/2	1/2	1/2	170,645	1/2	160,551	1/2	148,564	1/2	136,576	1/2	124,589	1/2	112,601	1/2	100,614	1/2	88,626	1/2	88,626
3/4	3/4	3/4	170,582	3/4	160,301	3/4	148,314	3/4	136,326	3/4	124,339	3/4	112,351	3/4	100,364	3/4	88,376	3/4	88,376
1	1	1	170,520	1	160,052	1	148,064	1	136,077	1	124,089	1	112,102	1	100,114	1	88,127	1	88,127
1/4	1/4	1/4	170,457	1/4	159,802	1/4	147,814	1/4	135,827	1/4	123,839	1/4	111,852	1/4	99,864	1/4	87,877	1/4	87,877
1/2	1/2	1/2	170,353	1/2	159,552	1/2	147,565	1/2	135,577	1/2	123,590	1/2	111,602	1/2	99,615	1/2	87,627	1/2	87,627
3/4	3/4	3/4	170,249	3/4	159,302	3/4	147,315	3/4	135,327	3/4	123,340	3/4	111,352	3/4	99,365	3/4	87,378	3/4	87,378
2	2	2	170,145	2	159,053	2	147,065	2	135,078	2	123,090	2	111,103	2	99,115	2	87,128	2	87,128
1/4	1/4	1/4	170,041	1/4	158,803	1/4	146,815	1/4	134,828	1/4	122,840	1/4	110,853	1/4	98,866	1/4	86,878	1/4	86,878
1/2	1/2	1/2	169,895	1/2	158,553	1/2	146,566	1/2	134,578	1/2	122,591	1/2	110,603	1/2	98,616	1/2	86,628	1/2	86,628
3/4	3/4	3/4	169,750	3/4	158,303	3/4	146,316	3/4	134,328	3/4	122,341	3/4	110,354	3/4	98,366	3/4	86,379	3/4	86,379
3	3	3	169,604	3	158,054	3	146,066	3	134,079	3	122,091	3	110,104	3	98,116	3	86,129	3	86,129
1/4	1/4	1/4	169,458	1/4	157,804	1/4	145,816	1/4	133,829	1/4	121,842	1/4	109,854	1/4	97,867	1/4	85,879	1/4	85,879
1/2	1/2	1/2	169,271	1/2	157,554	1/2	145,567	1/2	133,579	1/2	121,592	1/2	109,604	1/2	97,617	1/2	85,629	1/2	85,629
3/4	3/4	3/4	169,084	3/4	157,304	3/4	145,317	3/4	133,330	3/4	121,342	3/4	109,355	3/4	97,367	3/4	85,380	3/4	85,380
4	4	4	168,897	4	157,055	4	145,067	4	133,080	4	121,092	4	109,105	4	97,117	4	85,130	4	85,130
1/4	1/4	1/4	168,709	1/4	156,805	1/4	144,818	1/4	132,830	1/4	120,843	1/4	108,855	1/4	96,868	1/4	84,880	1/4	84,880
1/2	1/2	1/2	168,480	1/2	156,555	1/2	144,568	1/2	132,580	1/2	120,593	1/2	108,605	1/2	96,618	1/2	84,630	1/2	84,630
3/4	3/4	3/4	168,251	3/4	156,306	3/4	144,318	3/4	132,331	3/4	120,343	3/4	108,356	3/4	96,368	3/4	84,381	3/4	84,381
5	5	5	168,022	5	156,056	5	144,068	5	132,081	5	120,093	5	108,106	5	96,118	5	84,131	5	84,131
1/4	1/4	1/4	167,794	1/4	155,806	1/4	143,819	1/4	131,831	1/4	119,844	1/4	107,856	1/4	95,869	1/4	83,881	1/4	83,881
1/2	1/2	1/2	167,544	1/2	155,556	1/2	143,569	1/2	131,581	1/2	119,594	1/2	107,606	1/2	95,619	1/2	83,631	1/2	83,631
3/4	3/4	3/4	167,294	3/4	155,307	3/4	143,319	3/4	131,332	3/4	119,344	3/4	107,357	3/4	95,369	3/4	83,382	3/4	83,382
6	6	6	167,044	6	155,057	6	143,069	6	131,082	6	119,094	6	107,107	6	95,119	6	83,132	6	83,132
1/4	1/4	1/4	166,795	1/4	154,807	1/4	142,820	1/4	130,832	1/4	118,845	1/4	106,857	1/4	94,870	1/4	82,882	1/4	82,882
1/2	1/2	1/2	166,545	1/2	154,557	1/2	142,570	1/2	130,582	1/2	118,595	1/2	106,607	1/2	94,620	1/2	82,632	1/2	82,632
3/4	3/4	3/4	166,295	3/4	154,308	3/4	142,320	3/4	130,333	3/4	118,345	3/4	106,358	3/4	94,370	3/4	82,383	3/4	82,383
7	7	7	166,045	7	154,058	7	142,070	7	130,083	7	118,095	7	106,108	7	94,120	7	82,133	7	82,133
1/4	1/4	1/4	165,796	1/4	153,808	1/4	141,821	1/4	129,833	1/4	117,846	1/4	105,858	1/4	93,871	1/4	81,883	1/4	81,883
1/2	1/2	1/2	165,546	1/2	153,558	1/2	141,571	1/2	129,583	1/2	117,596	1/2	105,608	1/2	93,621	1/2	81,634	1/2	81,634
3/4	3/4	3/4	165,296	3/4	153,309	3/4	141,321	3/4	129,334	3/4	117,346	3/4	105,359	3/4	93,371	3/4	81,384	3/4	81,384
8	8	8	165,046	8	153,059	8	141,071	8	129,084	8	117,096	8	105,109	8	93,122	8	81,134	8	81,134
1/4	1/4	1/4	164,797	1/4	152,809	1/4	140,822	1/4	128,834	1/4	116,847	1/4	104,859	1/4	92,872	1/4	80,884	1/4	80,884
1/2	1/2	1/2	164,547	1/2	152,559	1/2	140,572	1/2	128,584	1/2	116,597	1/2	104,610	1/2	92,622	1/2	80,635	1/2	80,635
3/4	3/4	3/4	164,297	3/4	152,310	3/4	140,322	3/4	128,335	3/4	116,347	3/4	104,360	3/4	92,372	3/4	80,385	3/4	80,385
9	9	9	164,047	9	152,060	9	140,072	9	128,085	9	116,098	9	104,110	9	92,123	9	80,135	9	80,135
1/4	1/4	1/4	163,798	1/4	151,810	1/4	139,823	1/4	127,835	1/4	115,848	1/4	103,860	1/4	91,873	1/4	79,885	1/4	79,885
1/2	1/2	1/2	163,548	1/2	151,560	1/2	139,573	1/2	127,586	1/2	115,598	1/2	103,611	1/2	91,623	1/2	79,636	1/2	79,636
3/4	3/4	3/4	163,298	3/4	151,311	3/4	139,323	3/4	127,336	3/4	115,348	3/4	103,361	3/4	91,373	3/4	79,386	3/4	79,386
10	10	10	163,048	10	151,061	10	139,074	10	127,086	10	115,099	10	103,111	10	91,124	10	79,136	10	79,136
1/4	1/4	1/4	162,799	1/4	150,811	1/4	138,824	1/4	126,836	1/4	114,849	1/4	102,861	1/4	90,874	1/4	78,886	1/4	78,886
1/2	1/2	1/2	162,549	1/2	150,562	1/2	138,574	1/2	126,587	1/2	114,599	1/2	102,612	1/2	90,624	1/2	78,637	1/2	78,637
3/4	3/4	3/4	162,299	3/4	150,312	3/4	138,324	3/4	126,337	3/4	114,349	3/4	102,362	3/4	90,374	3/4	78,387	3/4	78,387
11	11	11	162,050	11	150,062	11	138,075	11	126,087	11	114,100	11	102,112	11	90,125	11	78,137	11	78,137
1/4	1/4	1/4	161,800	1/4	149,812	1/4	137,825	1/4	125,837	1/4	113,850	1/4	101,862	1/4	89,875	1/4	77,887	1/4	77,887
1/2	1/2	1/2	161,550	1/2	149,563	1/2	137,575	1/2	125,588	1/2	113,600	1/2	101,613	1/2	89,625	1/2	77,638	1/2	77,638
3/4	3/4	3/4	170,749	3/4	161,300	3/4	149,313	3/4	137,325	3/4	125,338	3/4	113,350	3/4	101,363	3/4	89,375	3/4	89,375

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 1417"

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	77,138	0	65,151	0	53,163	0	41,176	0	29,211	0	17,227	0	5,248	0		0		0	
1/4	76,888	1/4	64,901	1/4	52,913	1/4	40,926	1/4	28,962	1/4	16,977	1/4	5,000	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,639	1/2	64,651	1/2	52,664	1/2	40,676	1/2	28,712	1/2	16,728	1/2	4,753	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,389	3/4	64,401	3/4	52,414	3/4	40,427	3/4	28,463	3/4	16,478	3/4	4,506	3/4	3/4	3/4	3/4	3/4	3/4
1	76,139	1	64,152	1	52,164	1	40,177	1	28,213	1	16,228	1	4,259	1	1	1	1	1	1
1/4	75,890	1/4	63,902	1/4	51,915	1/4	39,927	1/4	27,964	1/4	15,978	1/4	4,013	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,640	1/2	63,652	1/2	51,665	1/2	39,677	1/2	27,715	1/2	15,729	1/2	3,768	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,390	3/4	63,403	3/4	51,415	3/4	39,428	3/4	27,465	3/4	15,479	3/4	3,523	3/4	3/4	3/4	3/4	3/4	3/4
2	75,140	2	63,153	2	51,165	2	39,178	2	27,216	2	15,229	2	3,278	2	2	2	2	2	2
1/4	74,891	1/4	62,903	1/4	50,916	1/4	38,928	1/4	26,967	1/4	14,980	1/4	3,033	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,641	1/2	62,653	1/2	50,666	1/2	38,678	1/2	26,717	1/2	14,730	1/2	2,805	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,391	3/4	62,404	3/4	50,416	3/4	38,429	3/4	26,467	3/4	14,480	3/4	2,577	3/4	3/4	3/4	3/4	3/4	3/4
3	74,141	3	62,154	3	50,166	3	38,179	3	26,217	3	14,230	3	2,349	3	3	3	3	3	3
1/4	73,892	1/4	61,904	1/4	49,917	1/4	37,929	1/4	25,968	1/4	13,981	1/4	2,120	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,642	1/2	61,654	1/2	49,667	1/2	37,679	1/2	25,718	1/2	13,731	1/2	1,933	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,392	3/4	61,405	3/4	49,417	3/4	37,430	3/4	25,468	3/4	13,481	3/4	1,746	3/4	3/4	3/4	3/4	3/4	3/4
4	73,142	4	61,155	4	49,167	4	37,180	4	25,218	4	13,231	4	1,559	4	4	4	4	4	4
1/4	72,893	1/4	60,905	1/4	48,918	1/4	36,930	1/4	24,969	1/4	12,982	1/4	1,371	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,643	1/2	60,655	1/2	48,668	1/2	36,681	1/2	24,719	1/2	12,732	1/2	1,226	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,393	3/4	60,406	3/4	48,418	3/4	36,432	3/4	24,469	3/4	12,482	3/4	1,080	3/4	3/4	3/4	3/4	3/4	3/4
5	72,143	5	60,156	5	48,168	5	36,183	5	24,220	5	12,233	5	934	5	5	5	5	5	5
1/4	71,894	1/4	59,906	1/4	47,919	1/4	35,934	1/4	23,970	1/4	11,983	1/4	789	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,644	1/2	59,656	1/2	47,669	1/2	35,685	1/2	23,720	1/2	11,733	1/2	685	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,394	3/4	59,407	3/4	47,419	3/4	35,436	3/4	23,470	3/4	11,483	3/4	580	3/4	3/4	3/4	3/4	3/4	3/4
6	71,144	6	59,157	6	47,169	6	35,187	6	23,221	6	11,234	6	476	6	6	6	6	6	6
1/4	70,895	1/4	58,907	1/4	46,920	1/4	34,938	1/4	22,971	1/4	10,984	1/4	372	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,645	1/2	58,657	1/2	46,670	1/2	34,689	1/2	22,721	1/2	10,734	1/2	310	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,395	3/4	58,408	3/4	46,420	3/4	34,440	3/4	22,471	3/4	10,484	3/4	248	3/4	3/4	3/4	3/4	3/4	3/4
7	70,146	7	58,158	7	46,171	7	34,191	7	22,222	7	10,235	7	185	7	7	7	7	7	7
1/4	69,896	1/4	57,908	1/4	45,921	1/4	33,942	1/4	21,972	1/4	9,985	1/4	123	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,646	1/2	57,659	1/2	45,671	1/2	33,693	1/2	21,722	1/2	9,735	1/2	102	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,396	3/4	57,409	3/4	45,421	3/4	33,444	3/4	21,473	3/4	9,485	3/4	81	3/4	3/4	3/4	3/4	3/4	3/4
8	69,147	8	57,159	8	45,172	8	33,195	8	21,223	8	9,236	8	60	8	8	8	8	8	8
1/4	68,897	1/4	56,909	1/4	44,922	1/4	32,946	1/4	20,973	1/4	8,986	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,647	1/2	56,660	1/2	44,672	1/2	32,697	1/2	20,723	1/2	8,736	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,397	3/4	56,410	3/4	44,422	3/4	32,448	3/4	20,474	3/4	8,487	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	68,148	9	56,160	9	44,173	9	32,199	9	20,224	9	8,237	9		9	9	9	9	9	9
1/4	67,898	1/4	55,910	1/4	43,923	1/4	31,950	1/4	19,974	1/4	7,987	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,648	1/2	55,661	1/2	43,673	1/2	31,701	1/2	19,724	1/2	7,738	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,398	3/4	55,411	3/4	43,423	3/4	31,452	3/4	19,475	3/4	7,488	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,149	10	55,161	10	43,174	10	31,203	10	19,225	10	7,239	10		10	10	10	10	10	10
1/4	66,899	1/4	54,911	1/4	42,924	1/4	30,954	1/4	18,975	1/4	6,989	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,649	1/2	54,662	1/2	42,674	1/2	30,705	1/2	18,725	1/2	6,740	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,399	3/4	54,412	3/4	42,424	3/4	30,456	3/4	18,476	3/4	6,491	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,150	11	54,162	11	42,175	11	30,207	11	18,226	11	6,242	11		11	11	11	11	11	11
1/4	65,900	1/4	53,912	1/4	41,925	1/4	29,958	1/4	17,976	1/4	5,993	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,650	1/2	53,663	1/2	41,675	1/2	29,709	1/2	17,727	1/2	5,745	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,400	3/4	53,413	3/4	41,425	3/4	29,460	3/4	17,477	3/4	5,497	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 SW
CALCULATED: 11/04/2019 CL
PRINTED: 11/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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