



BARGE "CBC 1420"

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	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8
2 CENTER	- 00-1/4	00-1/4	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2	- 01-3/4	01-3/4
3 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	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 1 CENTER IS - 00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 176'-06"

January 3, 2020

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

<http://www.pmacorp.net>



BARGE "CBC 1420"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,696	0	20,296	0	31,713	0	43,170	0	54,741	0	66,313	0	77,862	0	89,412	0	100,988
1/4	59	1/4	8,938	1/4	20,538	1/4	31,947	1/4	43,411	1/4	54,982	1/4	66,554	1/4	78,101	1/4	89,653	1/4	101,229
1/2	80	1/2	9,180	1/2	20,779	1/2	32,181	1/2	43,652	1/2	55,224	1/2	66,795	1/2	78,341	1/2	89,894	1/2	101,470
3/4	100	3/4	9,421	3/4	21,021	3/4	32,414	3/4	43,893	3/4	55,465	3/4	67,036	3/4	78,581	3/4	90,135	3/4	101,711
1	120	1	9,663	1	21,263	1	32,648	1	44,134	1	55,706	1	67,277	1	78,820	1	90,377	1	101,953
1/4	180	1/4	9,905	1/4	21,504	1/4	32,882	1/4	44,375	1/4	55,947	1/4	67,518	1/4	79,060	1/4	90,618	1/4	102,194
1/2	241	1/2	10,146	1/2	21,746	1/2	33,116	1/2	44,616	1/2	56,188	1/2	67,760	1/2	79,300	1/2	90,859	1/2	102,435
3/4	301	3/4	10,388	3/4	21,988	3/4	33,350	3/4	44,857	3/4	56,429	3/4	68,001	3/4	79,540	3/4	91,100	3/4	102,676
2	362	2	10,630	2	22,229	2	33,584	2	45,098	2	56,670	2	68,242	2	79,779	2	91,341	2	102,917
1/4	462	1/4	10,871	1/4	22,471	1/4	33,818	1/4	45,339	1/4	56,911	1/4	68,483	1/4	80,019	1/4	91,582	1/4	103,159
1/2	563	1/2	11,113	1/2	22,713	1/2	34,052	1/2	45,580	1/2	57,152	1/2	68,724	1/2	80,259	1/2	91,824	1/2	103,400
3/4	664	3/4	11,355	3/4	22,954	3/4	34,286	3/4	45,822	3/4	57,393	3/4	68,965	3/4	80,499	3/4	92,065	3/4	103,641
3	764	3	11,596	3	23,196	3	34,520	3	46,063	3	57,634	3	69,206	3	80,738	3	92,306	3	103,882
1/4	905	1/4	11,838	1/4	23,437	1/4	34,754	1/4	46,304	1/4	57,875	1/4	69,447	1/4	80,978	1/4	92,547	1/4	104,123
1/2	1,046	1/2	12,080	1/2	23,679	1/2	34,987	1/2	46,545	1/2	58,116	1/2	69,688	1/2	81,218	1/2	92,788	1/2	104,364
3/4	1,187	3/4	12,321	3/4	23,921	3/4	35,221	3/4	46,786	3/4	58,358	3/4	69,929	3/4	81,457	3/4	93,029	3/4	104,606
4	1,328	4	12,563	4	24,162	4	35,455	4	47,027	4	58,599	4	70,170	4	81,697	4	93,271	4	104,847
1/4	1,509	1/4	12,805	1/4	24,404	1/4	35,696	1/4	47,268	1/4	58,840	1/4	70,411	1/4	81,938	1/4	93,512	1/4	105,088
1/2	1,690	1/2	13,046	1/2	24,646	1/2	35,937	1/2	47,509	1/2	59,081	1/2	70,652	1/2	82,178	1/2	93,753	1/2	105,329
3/4	1,872	3/4	13,288	3/4	24,887	3/4	36,179	3/4	47,750	3/4	59,322	3/4	70,894	3/4	82,418	3/4	93,994	3/4	105,570
5	2,053	5	13,530	5	25,129	5	36,420	5	47,991	5	59,563	5	71,135	5	82,659	5	94,235	5	105,811
1/4	2,274	1/4	13,771	1/4	25,371	1/4	36,661	1/4	48,232	1/4	59,804	1/4	71,376	1/4	82,900	1/4	94,476	1/4	106,053
1/2	2,495	1/2	14,013	1/2	25,612	1/2	36,902	1/2	48,473	1/2	60,045	1/2	71,617	1/2	83,141	1/2	94,718	1/2	106,294
3/4	2,715	3/4	14,255	3/4	25,854	3/4	37,143	3/4	48,714	3/4	60,286	3/4	71,858	3/4	83,382	3/4	94,959	3/4	106,535
6	2,936	6	14,496	6	26,096	6	37,384	6	48,956	6	60,527	6	72,099	6	83,624	6	95,200	6	106,776
1/4	3,173	1/4	14,738	1/4	26,330	1/4	37,625	1/4	49,197	1/4	60,768	1/4	72,339	1/4	83,865	1/4	95,441	1/4	107,017
1/2	3,410	1/2	14,979	1/2	26,564	1/2	37,866	1/2	49,438	1/2	61,009	1/2	72,580	1/2	84,106	1/2	95,682	1/2	107,258
3/4	3,647	3/4	15,221	3/4	26,799	3/4	38,107	3/4	49,679	3/4	61,250	3/4	72,820	3/4	84,347	3/4	95,923	3/4	107,500
7	3,884	7	15,463	7	27,033	7	38,348	7	49,920	7	61,492	7	73,061	7	84,588	7	96,165	7	107,741
1/4	4,123	1/4	15,704	1/4	27,267	1/4	38,589	1/4	50,161	1/4	61,733	1/4	73,301	1/4	84,829	1/4	96,406	1/4	107,982
1/2	4,362	1/2	15,946	1/2	27,502	1/2	38,830	1/2	50,402	1/2	61,974	1/2	73,542	1/2	85,071	1/2	96,647	1/2	108,223
3/4	4,600	3/4	16,188	3/4	27,736	3/4	39,071	3/4	50,643	3/4	62,215	3/4	73,782	3/4	85,312	3/4	96,888	3/4	108,464
8	4,839	8	16,429	8	27,970	8	39,313	8	50,884	8	62,456	8	74,023	8	85,553	8	97,129	8	108,705
1/4	5,080	1/4	16,671	1/4	28,204	1/4	39,554	1/4	51,125	1/4	62,697	1/4	74,263	1/4	85,794	1/4	97,370	1/4	108,947
1/2	5,320	1/2	16,913	1/2	28,438	1/2	39,795	1/2	51,366	1/2	62,938	1/2	74,504	1/2	86,035	1/2	97,612	1/2	109,188
3/4	5,560	3/4	17,154	3/4	28,672	3/4	40,036	3/4	51,607	3/4	63,179	3/4	74,744	3/4	86,277	3/4	97,853	3/4	109,429
9	5,800	9	17,396	9	28,906	9	40,277	9	51,848	9	63,420	9	74,985	9	86,518	9	98,094	9	109,670
1/4	6,041	1/4	17,638	1/4	29,140	1/4	40,518	1/4	52,090	1/4	63,661	1/4	75,224	1/4	86,759	1/4	98,335	1/4	109,911
1/2	6,282	1/2	17,879	1/2	29,374	1/2	40,759	1/2	52,331	1/2	63,902	1/2	75,464	1/2	87,000	1/2	98,576	1/2	110,152
3/4	6,523	3/4	18,121	3/4	29,607	3/4	41,000	3/4	52,572	3/4	64,143	3/4	75,704	3/4	87,241	3/4	98,817	3/4	110,394
10	6,764	10	18,363	10	29,841	10	41,241	10	52,813	10	64,384	10	75,944	10	87,482	10	99,059	10	110,635
1/4	7,005	1/4	18,604	1/4	30,075	1/4	41,482	1/4	53,054	1/4	64,626	1/4	76,183	1/4	87,724	1/4	99,300	1/4	110,876
1/2	7,247	1/2	18,846	1/2	30,309	1/2	41,723	1/2	53,295	1/2	64,867	1/2	76,423	1/2	87,965	1/2	99,541	1/2	111,117
3/4	7,488	3/4	19,088	3/4	30,543	3/4	41,964	3/4	53,536	3/4	65,108	3/4	76,663	3/4	88,206	3/4	99,782	3/4	111,358
11	7,730	11	19,329	11	30,777	11	42,205	11	53,777	11	65,349	11	76,903	11	88,447	11	100,023	11	111,599
1/4	7,971	1/4	19,571	1/4	31,011	1/4	42,446	1/4	54,018	1/4	65,590	1/4	77,142	1/4	88,688	1/4	100,264	1/4	111,841
1/2	8,213	1/2	19,813	1/2	31,245	1/2	42,688	1/2	54,259	1/2	65,831	1/2	77,382	1/2	88,929	1/2	100,506	1/2	112,082
3/4	8,455	3/4	20,054	3/4	31,479	3/4	42,929	3/4	54,500	3/4	66,072	3/4	77,622	3/4	89,171	3/4	100,747	3/4	112,323

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 24'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1420"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	112,564	0	122,091	0	130,204	0	138,317	0	146,430	0		0		0		0		0	
1/4	112,805	1/4	122,260	1/4	130,373	1/4	138,486	1/4	146,599	1/4		1/4		1/4		1/4		1/4	
1/2	113,045	1/2	122,429	1/2	130,542	1/2	138,655	1/2	146,768	1/2		1/2		1/2		1/2		1/2	
3/4	113,286	3/4	122,598	3/4	130,711	3/4	138,824	3/4	146,937	3/4		3/4		3/4		3/4		3/4	
1	113,527	1	122,767	1	130,880	1	138,993	1	147,106	1		1		1		1		1	
1/4	113,767	1/4	122,936	1/4	131,049	1/4	139,162	1/4	147,275	1/4		1/4		1/4		1/4		1/4	
1/2	114,008	1/2	123,105	1/2	131,218	1/2	139,331	1/2	147,444	1/2		1/2		1/2		1/2		1/2	
3/4	114,248	3/4	123,274	3/4	131,387	3/4	139,500	3/4	147,613	3/4		3/4		3/4		3/4		3/4	
2	114,489	2	123,443	2	131,556	2	139,669	2	147,783	2		2		2		2		2	
1/4	114,730	1/4	123,612	1/4	131,725	1/4	139,838	1/4	147,952	1/4		1/4		1/4		1/4		1/4	
1/2	114,970	1/2	123,781	1/2	131,894	1/2	140,007	1/2	148,121	1/2		1/2		1/2		1/2		1/2	
3/4	115,211	3/4	123,950	3/4	132,063	3/4	140,177	3/4	148,290	3/4		3/4		3/4		3/4		3/4	
3	115,451	3	124,119	3	132,232	3	140,346	3	148,459	3		3		3		3		3	
1/4	115,692	1/4	124,288	1/4	132,401	1/4	140,515	1/4	148,680	1/4		1/4		1/4		1/4		1/4	
1/2	115,933	1/2	124,457	1/2	132,571	1/2	140,684	1/2	148,902	1/2		1/2		1/2		1/2		1/2	
3/4	116,173	3/4	124,626	3/4	132,740	3/4	140,853	3/4	149,123	3/4		3/4		3/4		3/4		3/4	
4	116,414	4	124,796	4	132,909	4	141,022	4	149,345	4		4		4		4		4	
1/4	116,655	1/4	124,965	1/4	133,078	1/4	141,191	1/4	149,526	1/4		1/4		1/4		1/4		1/4	
1/2	116,895	1/2	125,134	1/2	133,247	1/2	141,360	1/2	149,707	1/2		1/2		1/2		1/2		1/2	
3/4	117,136	3/4	125,303	3/4	133,416	3/4	141,529	3/4	149,888	3/4		3/4		3/4		3/4		3/4	
5	117,376	5	125,472	5	133,585	5	141,698	5	150,070	5		5		5		5		5	
1/4	117,544	1/4	125,641	1/4	133,754	1/4	141,867	1/4	150,211	1/4		1/4		1/4		1/4		1/4	
1/2	117,712	1/2	125,810	1/2	133,923	1/2	142,036	1/2	150,352	1/2		1/2		1/2		1/2		1/2	
3/4	117,880	3/4	125,979	3/4	134,092	3/4	142,205	3/4	150,493	3/4		3/4		3/4		3/4		3/4	
6	118,048	6	126,148	6	134,261	6	142,374	6	150,634	6		6		6		6		6	
1/4	118,217	1/4	126,317	1/4	134,430	1/4	142,543	1/4	150,734	1/4		1/4		1/4		1/4		1/4	
1/2	118,385	1/2	126,486	1/2	134,599	1/2	142,712	1/2	150,835	1/2		1/2		1/2		1/2		1/2	
3/4	118,554	3/4	126,655	3/4	134,768	3/4	142,881	3/4	150,936	3/4		3/4		3/4		3/4		3/4	
7	118,722	7	126,824	7	134,937	7	143,050	7	151,036	7		7		7		7		7	
1/4	118,890	1/4	126,993	1/4	135,106	1/4	143,219	1/4	151,097	1/4		1/4		1/4		1/4		1/4	
1/2	119,059	1/2	127,162	1/2	135,275	1/2	143,388	1/2	151,157	1/2		1/2		1/2		1/2		1/2	
3/4	119,227	3/4	127,331	3/4	135,444	3/4	143,557	3/4	151,218	3/4		3/4		3/4		3/4		3/4	
8	119,396	8	127,500	8	135,613	8	143,726	8	151,278	8		8		8		8		8	
1/4	119,564	1/4	127,669	1/4	135,782	1/4	143,895	1/4	151,298	1/4		1/4		1/4		1/4		1/4	
1/2	119,733	1/2	127,838	1/2	135,951	1/2	144,064	1/2	151,318	1/2		1/2		1/2		1/2		1/2	
3/4	119,901	3/4	128,007	3/4	136,120	3/4	144,233	3/4		3/4		3/4		3/4		3/4		3/4	
9	120,070	9	128,176	9	136,289	9	144,402	9		9		9		9		9		9	
1/4	120,238	1/4	128,345	1/4	136,458	1/4	144,571	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,407	1/2	128,514	1/2	136,627	1/2	144,740	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,575	3/4	128,683	3/4	136,796	3/4	144,909	3/4		3/4		3/4		3/4		3/4		3/4	
10	120,744	10	128,852	10	136,965	10	145,078	10		10		10		10		10		10	
1/4	120,912	1/4	129,021	1/4	137,134	1/4	145,247	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,080	1/2	129,190	1/2	137,303	1/2	145,416	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,249	3/4	129,359	3/4	137,472	3/4	145,585	3/4		3/4		3/4		3/4		3/4		3/4	
11	121,417	11	129,528	11	137,641	11	145,754	11		11		11		11		11		11	
1/4	121,586	1/4	129,697	1/4	137,810	1/4	145,923	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,754	1/2	129,866	1/2	137,979	1/2	146,092	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,923	3/4	130,035	3/4	138,148	3/4	146,261	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2020 JS
CALCULATED: 01/03/2020 CL
PRINTED: 01/03/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "CBC 1420"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	10,065	0	23,498	0	36,769	0	50,039	0	63,473	0	76,907	0	90,340	0	103,774	0	117,207
1/4	63	1/4	10,345	1/4	23,778	1/4	37,040	1/4	50,319	1/4	63,753	1/4	77,187	1/4	90,620	1/4	104,054	1/4	117,487
1/2	86	1/2	10,625	1/2	24,058	1/2	37,312	1/2	50,599	1/2	64,033	1/2	77,466	1/2	90,900	1/2	104,334	1/2	117,767
3/4	109	3/4	10,905	3/4	24,338	3/4	37,584	3/4	50,879	3/4	64,313	3/4	77,746	3/4	91,180	3/4	104,613	3/4	118,047
1	133	1	11,185	1	24,618	1	37,855	1	51,159	1	64,593	1	78,026	1	91,460	1	104,893	1	118,327
1/4	203	1/4	11,465	1/4	24,898	1/4	38,127	1/4	51,439	1/4	64,872	1/4	78,306	1/4	91,740	1/4	105,173	1/4	118,607
1/2	273	1/2	11,744	1/2	25,178	1/2	38,399	1/2	51,719	1/2	65,152	1/2	78,586	1/2	92,019	1/2	105,453	1/2	118,887
3/4	343	3/4	12,024	3/4	25,457	3/4	38,670	3/4	51,999	3/4	65,432	3/4	78,866	3/4	92,299	3/4	105,733	3/4	119,167
2	412	2	12,304	2	25,737	2	38,942	2	52,278	2	65,712	2	79,146	2	92,579	2	106,013	2	119,446
1/4	529	1/4	12,584	1/4	26,017	1/4	39,214	1/4	52,558	1/4	65,992	1/4	79,425	1/4	92,859	1/4	106,293	1/4	119,726
1/2	646	1/2	12,864	1/2	26,297	1/2	39,485	1/2	52,838	1/2	66,272	1/2	79,705	1/2	93,139	1/2	106,573	1/2	120,006
3/4	762	3/4	13,144	3/4	26,577	3/4	39,757	3/4	53,118	3/4	66,552	3/4	79,985	3/4	93,419	3/4	106,852	3/4	120,286
3	879	3	13,424	3	26,857	3	40,029	3	53,398	3	66,831	3	80,265	3	93,699	3	107,132	3	120,566
1/4	1,042	1/4	13,703	1/4	27,137	1/4	40,300	1/4	53,678	1/4	67,111	1/4	80,545	1/4	93,979	1/4	107,412	1/4	120,846
1/2	1,205	1/2	13,983	1/2	27,416	1/2	40,572	1/2	53,958	1/2	67,391	1/2	80,825	1/2	94,258	1/2	107,692	1/2	121,126
3/4	1,369	3/4	14,263	3/4	27,696	3/4	40,844	3/4	54,237	3/4	67,671	3/4	81,105	3/4	94,538	3/4	107,972	3/4	121,405
4	1,532	4	14,543	4	27,976	4	41,115	4	54,517	4	67,951	4	81,385	4	94,818	4	108,252	4	121,685
1/4	1,742	1/4	14,823	1/4	28,256	1/4	41,387	1/4	54,797	1/4	68,231	1/4	81,664	1/4	95,098	1/4	108,532	1/4	121,965
1/2	1,952	1/2	15,103	1/2	28,536	1/2	41,659	1/2	55,077	1/2	68,511	1/2	81,944	1/2	95,378	1/2	108,811	1/2	122,245
3/4	2,162	3/4	15,383	3/4	28,816	3/4	41,931	3/4	55,357	3/4	68,791	3/4	82,224	3/4	95,658	3/4	109,091	3/4	122,525
5	2,371	5	15,662	5	29,096	5	42,203	5	55,637	5	69,070	5	82,504	5	95,938	5	109,371	5	122,805
1/4	2,627	1/4	15,942	1/4	29,375	1/4	42,483	1/4	55,917	1/4	69,350	1/4	82,784	1/4	96,217	1/4	109,651	1/4	123,085
1/2	2,883	1/2	16,222	1/2	29,655	1/2	42,763	1/2	56,197	1/2	69,630	1/2	83,064	1/2	96,497	1/2	109,931	1/2	123,365
3/4	3,139	3/4	16,502	3/4	29,935	3/4	43,043	3/4	56,476	3/4	69,910	3/4	83,344	3/4	96,777	3/4	110,211	3/4	123,644
6	3,395	6	16,782	6	30,215	6	43,323	6	56,756	6	70,190	6	83,623	6	97,057	6	110,491	6	123,924
1/4	3,669	1/4	17,062	1/4	30,495	1/4	43,603	1/4	57,036	1/4	70,470	1/4	83,903	1/4	97,337	1/4	110,771	1/4	124,204
1/2	3,943	1/2	17,342	1/2	30,775	1/2	43,882	1/2	57,316	1/2	70,750	1/2	84,183	1/2	97,617	1/2	111,050	1/2	124,484
3/4	4,217	3/4	17,621	3/4	31,055	3/4	44,162	3/4	57,596	3/4	71,029	3/4	84,463	3/4	97,897	3/4	111,330	3/4	124,764
7	4,492	7	17,901	7	31,334	7	44,442	7	57,876	7	71,309	7	84,743	7	98,177	7	111,610	7	125,044
1/4	4,768	1/4	18,181	1/4	31,606	1/4	44,722	1/4	58,156	1/4	71,589	1/4	85,023	1/4	98,456	1/4	111,890	1/4	125,324
1/2	5,045	1/2	18,461	1/2	31,878	1/2	45,002	1/2	58,435	1/2	71,869	1/2	85,303	1/2	98,736	1/2	112,170	1/2	125,603
3/4	5,322	3/4	18,741	3/4	32,150	3/4	45,282	3/4	58,715	3/4	72,149	3/4	85,583	3/4	99,016	3/4	112,450	3/4	125,883
8	5,599	8	19,021	8	32,422	8	45,562	8	58,995	8	72,429	8	85,862	8	99,296	8	112,730	8	126,163
1/4	5,877	1/4	19,301	1/4	32,694	1/4	45,841	1/4	59,275	1/4	72,709	1/4	86,142	1/4	99,576	1/4	113,009	1/4	126,443
1/2	6,155	1/2	19,580	1/2	32,966	1/2	46,121	1/2	59,555	1/2	72,989	1/2	86,422	1/2	99,856	1/2	113,289	1/2	126,723
3/4	6,433	3/4	19,860	3/4	33,237	3/4	46,401	3/4	59,835	3/4	73,268	3/4	86,702	3/4	100,136	3/4	113,569	3/4	127,003
9	6,711	9	20,140	9	33,509	9	46,681	9	60,115	9	73,548	9	86,982	9	100,415	9	113,849	9	127,283
1/4	6,990	1/4	20,420	1/4	33,781	1/4	46,961	1/4	60,395	1/4	73,828	1/4	87,262	1/4	100,695	1/4	114,129	1/4	127,563
1/2	7,269	1/2	20,700	1/2	34,052	1/2	47,241	1/2	60,674	1/2	74,108	1/2	87,542	1/2	100,975	1/2	114,409	1/2	127,842
3/4	7,548	3/4	20,980	3/4	34,324	3/4	47,521	3/4	60,954	3/4	74,388	3/4	87,821	3/4	101,255	3/4	114,689	3/4	128,122
10	7,828	10	21,260	10	34,596	10	47,801	10	61,234	10	74,668	10	88,101	10	101,535	10	114,969	10	128,402
1/4	8,107	1/4	21,539	1/4	34,867	1/4	48,080	1/4	61,514	1/4	74,948	1/4	88,381	1/4	101,815	1/4	115,248	1/4	128,682
1/2	8,387	1/2	21,819	1/2	35,139	1/2	48,360	1/2	61,794	1/2	75,227	1/2	88,661	1/2	102,095	1/2	115,528	1/2	128,962
3/4	8,666	3/4	22,099	3/4	35,411	3/4	48,640	3/4	62,074	3/4	75,507	3/4	88,941	3/4	102,375	3/4	115,808	3/4	129,242
11	8,946	11	22,379	11	35,682	11	48,920	11	62,354	11	75,787	11	89,221	11	102,654	11	116,088	11	129,522
1/4	9,226	1/4	22,659	1/4	35,954	1/4	49,200	1/4	62,633	1/4	76,067	1/4	89,501	1/4	102,934	1/4	116,368	1/4	129,801
1/2	9,506	1/2	22,939	1/2	36,226	1/2	49,480	1/2	62,913	1/2	76,347	1/2	89,781	1/2	103,214	1/2	116,648	1/2	130,081
3/4	9,785	3/4	23,219	3/4	36,497	3/4	49,760	3/4	63,193	3/4	76,627	3/4	90,060	3/4	103,494	3/4	116,928	3/4	130,361

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 37'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1420"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	130,921	1/4	144,355	1/4	157,788	1/4	171,222	1/4	184,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131,201	1/2	144,634	1/2	158,068	1/2	171,502	1/2	184,935	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131,481	3/4	144,914	3/4	158,348	3/4	171,781	3/4	185,215	3/4		3/4		3/4		3/4		3/4		3/4	
1	131,761	1	145,194	1	158,628	1	172,061	1	185,495	1	1	1	1	1	1	1	1	1	1	1	1
1/4	132,040	1/4	145,474	1/4	158,908	1/4	172,341	1/4	185,775	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132,320	1/2	145,754	1/2	159,187	1/2	172,621	1/2	186,055	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	132,600	3/4	146,034	3/4	159,467	3/4	172,901	3/4	186,335	3/4		3/4		3/4		3/4		3/4		3/4	
2	132,880	2	146,314	2	159,747	2	173,181	2	186,614	2	2	2	2	2	2	2	2	2	2	2	2
1/4	133,160	1/4	146,593	1/4	160,027	1/4	173,461	1/4	186,894	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	133,440	1/2	146,873	1/2	160,307	1/2	173,741	1/2	187,174	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133,720	3/4	147,153	3/4	160,587	3/4	174,020	3/4	187,454	3/4		3/4		3/4		3/4		3/4		3/4	
3	133,999	3	147,433	3	160,867	3	174,300	3	187,734	3	3	3	3	3	3	3	3	3	3	3	3
1/4	134,279	1/4	147,713	1/4	161,147	1/4	174,580	1/4	187,990	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	134,559	1/2	147,993	1/2	161,426	1/2	174,860	1/2	188,247	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	134,839	3/4	148,273	3/4	161,706	3/4	175,140	3/4	188,503	3/4		3/4		3/4		3/4		3/4		3/4	
4	135,119	4	148,553	4	161,986	4	175,420	4	188,760	4	4	4	4	4	4	4	4	4	4	4	4
1/4	135,399	1/4	148,832	1/4	162,266	1/4	175,700	1/4	188,970	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	135,679	1/2	149,112	1/2	162,546	1/2	175,979	1/2	189,180	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	135,959	3/4	149,392	3/4	162,826	3/4	176,259	3/4	189,390	3/4		3/4		3/4		3/4		3/4		3/4	
5	136,238	5	149,672	5	163,106	5	176,539	5	189,600	5	5	5	5	5	5	5	5	5	5	5	5
1/4	136,518	1/4	149,952	1/4	163,385	1/4	176,819	1/4	189,763	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	136,798	1/2	150,232	1/2	163,665	1/2	177,099	1/2	189,926	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	137,078	3/4	150,512	3/4	163,945	3/4	177,379	3/4	190,089	3/4		3/4		3/4		3/4		3/4		3/4	
6	137,358	6	150,791	6	164,225	6	177,659	6	190,253	6	6	6	6	6	6	6	6	6	6	6	6
1/4	137,638	1/4	151,071	1/4	164,505	1/4	177,939	1/4	190,369	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	137,918	1/2	151,351	1/2	164,785	1/2	178,218	1/2	190,486	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	138,197	3/4	151,631	3/4	165,065	3/4	178,498	3/4	190,602	3/4		3/4		3/4		3/4		3/4		3/4	
7	138,477	7	151,911	7	165,345	7	178,778	7	190,719	7	7	7	7	7	7	7	7	7	7	7	7
1/4	138,757	1/4	152,191	1/4	165,624	1/4	179,058	1/4	190,789	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	139,037	1/2	152,471	1/2	165,904	1/2	179,338	1/2	190,859	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139,317	3/4	152,751	3/4	166,184	3/4	179,618	3/4	190,929	3/4		3/4		3/4		3/4		3/4		3/4	
8	139,597	8	153,030	8	166,464	8	179,898	8	190,999	8	8	8	8	8	8	8	8	8	8	8	8
1/4	139,877	1/4	153,310	1/4	166,744	1/4	180,177	1/4	191,022	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	140,157	1/2	153,590	1/2	167,024	1/2	180,457	1/2	191,046	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	140,436	3/4	153,870	3/4	167,304	3/4	180,737	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	140,716	9	154,150	9	167,583	9	181,017	9		9	9	9	9	9	9	9	9	9	9	9	9
1/4	140,996	1/4	154,430	1/4	167,863	1/4	181,297	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141,276	1/2	154,710	1/2	168,143	1/2	181,577	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	141,556	3/4	154,989	3/4	168,423	3/4	181,857	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	141,836	10	155,269	10	168,703	10	182,137	10		10	10	10	10	10	10	10	10	10	10	10	10
1/4	142,116	1/4	155,549	1/4	168,983	1/4	182,416	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	142,395	1/2	155,829	1/2	169,263	1/2	182,696	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	142,675	3/4	156,109	3/4	169,543	3/4	182,976	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	142,955	11	156,389	11	169,822	11	183,256	11		11	11	11	11	11	11	11	11	11	11	11	11
1/4	143,235	1/4	156,669	1/4	170,102	1/4	183,536	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143,515	1/2	156,949	1/2	170,382	1/2	183,816	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	143,795	3/4	157,228	3/4	170,662	3/4	184,096	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2020 JS
CALCULATED: 01/03/2020 CL
PRINTED: 01/03/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "CBC 1420"

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	40	0	9,012	0	21,033	0	33,041	0	45,051	0	57,073	0	69,095	0	81,117	0	93,139	0	105,161
1/4	60	1/4	9,262	1/4	21,284	1/4	33,290	1/4	45,302	1/4	57,323	1/4	69,345	1/4	81,367	1/4	93,389	1/4	105,411
1/2	81	1/2	9,513	1/2	21,534	1/2	33,540	1/2	45,552	1/2	57,574	1/2	69,596	1/2	81,618	1/2	93,640	1/2	105,662
3/4	102	3/4	9,763	3/4	21,785	3/4	33,790	3/4	45,802	3/4	57,824	3/4	69,846	3/4	81,868	3/4	93,890	3/4	105,912
1	123	1	10,014	1	22,035	1	34,040	1	46,053	1	58,075	1	70,097	1	82,119	1	94,141	1	106,163
1/4	186	1/4	10,264	1/4	22,286	1/4	34,289	1/4	46,303	1/4	58,325	1/4	70,347	1/4	82,369	1/4	94,391	1/4	106,413
1/2	248	1/2	10,515	1/2	22,536	1/2	34,539	1/2	46,554	1/2	58,576	1/2	70,598	1/2	82,620	1/2	94,642	1/2	106,664
3/4	311	3/4	10,765	3/4	22,787	3/4	34,789	3/4	46,804	3/4	58,826	3/4	70,848	3/4	82,870	3/4	94,892	3/4	106,914
2	373	2	11,015	2	23,037	2	35,039	2	47,055	2	59,077	2	71,099	2	83,121	2	95,143	2	107,165
1/4	478	1/4	11,266	1/4	23,287	1/4	35,288	1/4	47,305	1/4	59,327	1/4	71,349	1/4	83,371	1/4	95,393	1/4	107,415
1/2	582	1/2	11,516	1/2	23,538	1/2	35,538	1/2	47,556	1/2	59,578	1/2	71,600	1/2	83,622	1/2	95,643	1/2	107,665
3/4	686	3/4	11,767	3/4	23,788	3/4	35,788	3/4	47,806	3/4	59,828	3/4	71,850	3/4	83,872	3/4	95,894	3/4	107,916
3	791	3	12,017	3	24,039	3	36,037	3	48,057	3	60,079	3	72,100	3	84,122	3	96,144	3	108,166
1/4	937	1/4	12,268	1/4	24,289	1/4	36,287	1/4	48,307	1/4	60,329	1/4	72,351	1/4	84,373	1/4	96,395	1/4	108,417
1/2	1,083	1/2	12,518	1/2	24,540	1/2	36,537	1/2	48,557	1/2	60,579	1/2	72,601	1/2	84,623	1/2	96,645	1/2	108,667
3/4	1,229	3/4	12,769	3/4	24,790	3/4	36,787	3/4	48,808	3/4	60,830	3/4	72,852	3/4	84,874	3/4	96,896	3/4	108,918
4	1,375	4	13,019	4	25,041	4	37,036	4	49,058	4	61,080	4	73,102	4	85,124	4	97,146	4	109,168
1/4	1,563	1/4	13,269	1/4	25,291	1/4	37,287	1/4	49,309	1/4	61,331	1/4	73,353	1/4	85,375	1/4	97,397	1/4	109,419
1/2	1,751	1/2	13,520	1/2	25,541	1/2	37,537	1/2	49,559	1/2	61,581	1/2	73,603	1/2	85,625	1/2	97,647	1/2	109,669
3/4	1,939	3/4	13,770	3/4	25,792	3/4	37,788	3/4	49,810	3/4	61,832	3/4	73,854	3/4	85,876	3/4	97,898	3/4	109,920
5	2,127	5	14,021	5	26,042	5	38,038	5	50,060	5	62,082	5	74,104	5	86,126	5	98,148	5	110,170
1/4	2,355	1/4	14,271	1/4	26,293	1/4	38,289	1/4	50,311	1/4	62,333	1/4	74,355	1/4	86,377	1/4	98,399	1/4	110,420
1/2	2,584	1/2	14,522	1/2	26,543	1/2	38,539	1/2	50,561	1/2	62,583	1/2	74,605	1/2	86,627	1/2	98,649	1/2	110,671
3/4	2,813	3/4	14,772	3/4	26,794	3/4	38,790	3/4	50,812	3/4	62,834	3/4	74,855	3/4	86,877	3/4	98,899	3/4	110,921
6	3,042	6	15,023	6	27,044	6	39,040	6	51,062	6	63,084	6	75,106	6	87,128	6	99,150	6	111,172
1/4	3,288	1/4	15,273	1/4	27,294	1/4	39,291	1/4	51,312	1/4	63,334	1/4	75,356	1/4	87,378	1/4	99,400	1/4	111,422
1/2	3,533	1/2	15,524	1/2	27,544	1/2	39,541	1/2	51,563	1/2	63,585	1/2	75,607	1/2	87,629	1/2	99,651	1/2	111,673
3/4	3,779	3/4	15,774	3/4	27,794	3/4	39,791	3/4	51,813	3/4	63,835	3/4	75,857	3/4	87,879	3/4	99,901	3/4	111,923
7	4,024	7	16,024	7	28,045	7	40,042	7	52,064	7	64,086	7	76,108	7	88,130	7	100,152	7	112,174
1/4	4,272	1/4	16,275	1/4	28,295	1/4	40,292	1/4	52,314	1/4	64,336	1/4	76,358	1/4	88,380	1/4	100,402	1/4	112,424
1/2	4,519	1/2	16,525	1/2	28,545	1/2	40,543	1/2	52,565	1/2	64,587	1/2	76,609	1/2	88,631	1/2	100,653	1/2	112,675
3/4	4,767	3/4	16,776	3/4	28,795	3/4	40,793	3/4	52,815	3/4	64,837	3/4	76,859	3/4	88,881	3/4	100,903	3/4	112,925
8	5,015	8	17,026	8	29,045	8	41,044	8	53,066	8	65,088	8	77,110	8	89,132	8	101,154	8	113,175
1/4	5,264	1/4	17,277	1/4	29,295	1/4	41,294	1/4	53,316	1/4	65,338	1/4	77,360	1/4	89,382	1/4	101,404	1/4	113,426
1/2	5,512	1/2	17,527	1/2	29,544	1/2	41,545	1/2	53,567	1/2	65,589	1/2	77,611	1/2	89,632	1/2	101,654	1/2	113,676
3/4	5,761	3/4	17,778	3/4	29,794	3/4	41,795	3/4	53,817	3/4	65,839	3/4	77,861	3/4	89,883	3/4	101,905	3/4	113,927
9	6,010	9	18,028	9	30,044	9	42,046	9	54,068	9	66,089	9	78,111	9	90,133	9	102,155	9	114,177
1/4	6,260	1/4	18,278	1/4	30,294	1/4	42,296	1/4	54,318	1/4	66,340	1/4	78,362	1/4	90,384	1/4	102,406	1/4	114,428
1/2	6,510	1/2	18,529	1/2	30,543	1/2	42,546	1/2	54,568	1/2	66,590	1/2	78,612	1/2	90,634	1/2	102,656	1/2	114,678
3/4	6,760	3/4	18,779	3/4	30,793	3/4	42,797	3/4	54,819	3/4	66,841	3/4	78,863	3/4	90,885	3/4	102,907	3/4	114,929
10	7,009	10	19,030	10	31,043	10	43,047	10	55,069	10	67,091	10	79,113	10	91,135	10	103,157	10	115,179
1/4	7,259	1/4	19,280	1/4	31,293	1/4	43,298	1/4	55,320	1/4	67,342	1/4	79,364	1/4	91,386	1/4	103,408	1/4	115,430
1/2	7,510	1/2	19,531	1/2	31,542	1/2	43,548	1/2	55,570	1/2	67,592	1/2	79,614	1/2	91,636	1/2	103,658	1/2	115,680
3/4	7,760	3/4	19,781	3/4	31,792	3/4	43,799	3/4	55,821	3/4	67,843	3/4	79,865	3/4	91,887	3/4	103,909	3/4	115,931
11	8,010	11	20,032	11	32,042	11	44,049	11	56,071	11	68,093	11	80,115	11	92,137	11	104,159	11	116,181
1/4	8,261	1/4	20,282	1/4	32,291	1/4	44,300	1/4	56,322	1/4	68,344	1/4	80,366	1/4	92,388	1/4	104,409	1/4	116,431
1/2	8,511	1/2	20,532	1/2	32,541	1/2	44,550	1/2	56,572	1/2	68,594	1/2	80,616	1/2	92,638	1/2	104,660	1/2	116,682
3/4	8,761	3/4	20,783	3/4	32,791	3/4	44,801	3/4	56,823	3/4	68,845	3/4	80,866	3/4	92,888	3/4	104,910	3/4	116,932

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 30'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1420"

3 CENTER INNAGE 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	117,433	1/4	129,455	1/4	141,477	1/4	153,499	1/4	165,521	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,684	1/2	129,706	1/2	141,728	1/2	153,750	1/2	165,772	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,934	3/4	129,956	3/4	141,978	3/4	154,000	3/4	166,022	3/4		3/4		3/4		3/4		3/4		3/4	
1	118,185	1	130,207	1	142,229	1	154,251	1	166,272	1	1	1	1	1	1	1	1	1	1	1	1
1/4	118,435	1/4	130,457	1/4	142,479	1/4	154,501	1/4	166,523	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,686	1/2	130,708	1/2	142,729	1/2	154,751	1/2	166,773	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,936	3/4	130,958	3/4	142,980	3/4	155,002	3/4	167,024	3/4		3/4		3/4		3/4		3/4		3/4	
2	119,186	2	131,208	2	143,230	2	155,252	2	167,274	2	2	2	2	2	2	2	2	2	2	2	2
1/4	119,437	1/4	131,459	1/4	143,481	1/4	155,503	1/4	167,525	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,687	1/2	131,709	1/2	143,731	1/2	155,753	1/2	167,775	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,938	3/4	131,960	3/4	143,982	3/4	156,004	3/4	168,026	3/4		3/4		3/4		3/4		3/4		3/4	
3	120,188	3	132,210	3	144,232	3	156,254	3	168,276	3	3	3	3	3	3	3	3	3	3	3	3
1/4	120,439	1/4	132,461	1/4	144,483	1/4	156,505	1/4	168,506	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,689	1/2	132,711	1/2	144,733	1/2	156,755	1/2	168,735	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,940	3/4	132,962	3/4	144,984	3/4	157,006	3/4	168,965	3/4		3/4		3/4		3/4		3/4		3/4	
4	121,190	4	133,212	4	145,234	4	157,256	4	169,194	4	4	4	4	4	4	4	4	4	4	4	4
1/4	121,441	1/4	133,463	1/4	145,485	1/4	157,506	1/4	169,382	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,691	1/2	133,713	1/2	145,735	1/2	157,757	1/2	169,570	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,942	3/4	133,963	3/4	145,985	3/4	158,007	3/4	169,758	3/4		3/4		3/4		3/4		3/4		3/4	
5	122,192	5	134,214	5	146,236	5	158,258	5	169,946	5	5	5	5	5	5	5	5	5	5	5	5
1/4	122,442	1/4	134,464	1/4	146,486	1/4	158,508	1/4	170,092	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,693	1/2	134,715	1/2	146,737	1/2	158,759	1/2	170,238	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,943	3/4	134,965	3/4	146,987	3/4	159,009	3/4	170,384	3/4		3/4		3/4		3/4		3/4		3/4	
6	123,194	6	135,216	6	147,238	6	159,260	6	170,530	6	6	6	6	6	6	6	6	6	6	6	6
1/4	123,444	1/4	135,466	1/4	147,488	1/4	159,510	1/4	170,635	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,695	1/2	135,717	1/2	147,739	1/2	159,761	1/2	170,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,945	3/4	135,967	3/4	147,989	3/4	160,011	3/4	170,843	3/4		3/4		3/4		3/4		3/4		3/4	
7	124,196	7	136,218	7	148,240	7	160,262	7	170,948	7	7	7	7	7	7	7	7	7	7	7	7
1/4	124,446	1/4	136,468	1/4	148,490	1/4	160,512	1/4	171,010	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,697	1/2	136,718	1/2	148,740	1/2	160,762	1/2	171,073	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,947	3/4	136,969	3/4	148,991	3/4	161,013	3/4	171,136	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,197	8	137,219	8	149,241	8	161,263	8	171,198	8	8	8	8	8	8	8	8	8	8	8	8
1/4	125,448	1/4	137,470	1/4	149,492	1/4	161,514	1/4	171,219	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,698	1/2	137,720	1/2	149,742	1/2	161,764	1/2	171,240	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,949	3/4	137,971	3/4	149,993	3/4	162,015	3/4	171,240	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,199	9	138,221	9	150,243	9	162,265	9	171,240	9	9	9	9	9	9	9	9	9	9	9	9
1/4	126,450	1/4	138,472	1/4	150,494	1/4	162,516	1/4	171,240	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,700	1/2	138,722	1/2	150,744	1/2	162,766	1/2	171,240	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,951	3/4	138,973	3/4	150,995	3/4	163,017	3/4	171,240	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,201	10	139,223	10	151,245	10	163,267	10	171,240	10	10	10	10	10	10	10	10	10	10	10	10
1/4	127,452	1/4	139,474	1/4	151,495	1/4	163,517	1/4	171,240	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,702	1/2	139,724	1/2	151,746	1/2	163,768	1/2	171,240	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,952	3/4	139,974	3/4	151,996	3/4	164,018	3/4	171,240	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,203	11	140,225	11	152,247	11	164,269	11	171,240	11	11	11	11	11	11	11	11	11	11	11	11
1/4	128,453	1/4	140,475	1/4	152,497	1/4	164,519	1/4	171,240	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,704	1/2	140,726	1/2	152,748	1/2	164,770	1/2	171,240	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,954	3/4	140,976	3/4	152,998	3/4	165,020	3/4	171,240	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2020 JS
CALCULATED: 01/03/2020 CL
PRINTED: 01/03/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "CBC 1420"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8
2 CENTER	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 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 1 CENTER IS 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 176'-06"

January 3, 2020

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

<http://www.pmacorp.net>



BARGE "CBC 1420"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	151,278	0	143,726	0	135,613	0	127,500	0	119,396	0	108,705	0	108,705	0	97,129	0	85,553
1/4	1/4	1/4	151,218	1/4	143,557	1/4	135,444	1/4	127,331	1/4	119,227	1/4	108,464	1/4	108,464	1/4	96,888	1/4	85,312
1/2	1/2	1/2	151,157	1/2	143,388	1/2	135,275	1/2	127,162	1/2	119,059	1/2	108,223	1/2	108,223	1/2	96,647	1/2	85,071
3/4	3/4	3/4	151,097	3/4	143,219	3/4	135,106	3/4	126,993	3/4	118,890	3/4	107,982	3/4	107,982	3/4	96,460	3/4	84,829
1	1	1	151,036	1	143,050	1	134,937	1	126,824	1	118,722	1	107,741	1	107,741	1	96,165	1	84,588
1/4	1/4	1/4	150,936	1/4	142,881	1/4	134,768	1/4	126,655	1/4	118,554	1/4	107,500	1/4	107,500	1/4	95,923	1/4	84,347
1/2	1/2	1/2	150,835	1/2	142,712	1/2	134,599	1/2	126,486	1/2	118,385	1/2	107,258	1/2	107,258	1/2	95,682	1/2	84,106
3/4	3/4	3/4	150,734	3/4	142,543	3/4	134,430	3/4	126,317	3/4	118,217	3/4	107,017	3/4	107,017	3/4	95,441	3/4	83,865
2	2	2	150,634	2	142,374	2	134,261	2	126,148	2	118,048	2	106,776	2	106,776	2	95,200	2	83,624
1/4	1/4	1/4	150,493	1/4	142,205	1/4	134,092	1/4	125,979	1/4	117,880	1/4	106,535	1/4	106,535	1/4	94,959	1/4	83,382
1/2	1/2	1/2	150,352	1/2	142,036	1/2	133,923	1/2	125,810	1/2	117,712	1/2	106,294	1/2	106,294	1/2	94,718	1/2	83,141
3/4	3/4	3/4	150,211	3/4	141,867	3/4	133,754	3/4	125,641	3/4	117,544	3/4	106,053	3/4	106,053	3/4	94,476	3/4	82,900
3	3	3	150,070	3	141,698	3	133,585	3	125,472	3	117,376	3	105,811	3	105,811	3	94,235	3	82,659
1/4	1/4	1/4	149,888	1/4	141,529	1/4	133,416	1/4	125,303	1/4	117,136	1/4	105,570	1/4	105,570	1/4	93,994	1/4	82,418
1/2	1/2	1/2	149,707	1/2	141,360	1/2	133,247	1/2	125,134	1/2	116,895	1/2	105,329	1/2	105,329	1/2	93,753	1/2	82,178
3/4	3/4	3/4	149,526	3/4	141,191	3/4	133,078	3/4	124,965	3/4	116,655	3/4	105,088	3/4	105,088	3/4	93,512	3/4	81,938
4	4	4	149,345	4	141,022	4	132,909	4	124,796	4	116,414	4	104,847	4	104,847	4	93,271	4	81,697
1/4	1/4	1/4	149,123	1/4	140,853	1/4	132,740	1/4	124,626	1/4	116,173	1/4	104,606	1/4	104,606	1/4	93,029	1/4	81,457
1/2	1/2	1/2	148,902	1/2	140,684	1/2	132,571	1/2	124,457	1/2	115,933	1/2	104,364	1/2	104,364	1/2	92,788	1/2	81,218
3/4	3/4	3/4	148,680	3/4	140,515	3/4	132,401	3/4	124,288	3/4	115,692	3/4	104,123	3/4	104,123	3/4	92,547	3/4	80,978
5	5	5	148,459	5	140,346	5	132,232	5	124,119	5	115,451	5	103,882	5	103,882	5	92,306	5	80,738
1/4	1/4	1/4	148,290	1/4	140,177	1/4	132,063	1/4	123,950	1/4	115,211	1/4	103,641	1/4	103,641	1/4	92,065	1/4	80,499
1/2	1/2	1/2	148,121	1/2	140,007	1/2	131,894	1/2	123,781	1/2	114,970	1/2	103,400	1/2	103,400	1/2	91,824	1/2	80,259
3/4	3/4	3/4	147,952	3/4	139,838	3/4	131,725	3/4	123,612	3/4	114,730	3/4	103,159	3/4	103,159	3/4	91,582	3/4	80,019
6	6	6	147,783	6	139,669	6	131,556	6	123,443	6	114,489	6	102,917	6	102,917	6	91,341	6	79,779
1/4	1/4	1/4	147,613	1/4	139,500	1/4	131,387	1/4	123,274	1/4	114,248	1/4	102,676	1/4	102,676	1/4	91,100	1/4	79,540
1/2	1/2	1/2	147,444	1/2	139,331	1/2	131,218	1/2	123,105	1/2	114,008	1/2	102,435	1/2	102,435	1/2	90,859	1/2	79,300
3/4	3/4	3/4	147,275	3/4	139,162	3/4	131,049	3/4	122,936	3/4	113,767	3/4	102,194	3/4	102,194	3/4	90,618	3/4	79,060
7	7	7	147,106	7	138,993	7	130,880	7	122,767	7	113,527	7	101,953	7	101,953	7	90,377	7	78,820
1/4	1/4	1/4	146,937	1/4	138,824	1/4	130,711	1/4	122,598	1/4	113,286	1/4	101,711	1/4	101,711	1/4	90,135	1/4	78,581
1/2	1/2	1/2	146,768	1/2	138,655	1/2	130,542	1/2	122,429	1/2	113,045	1/2	101,470	1/2	101,470	1/2	89,894	1/2	78,341
3/4	3/4	3/4	146,599	3/4	138,486	3/4	130,373	3/4	122,260	3/4	112,805	3/4	101,229	3/4	101,229	3/4	89,653	3/4	78,101
8	8	8	146,430	8	138,317	8	130,204	8	122,091	8	112,564	8	100,988	8	100,988	8	89,412	8	77,862
1/4	1/4	1/4	146,261	1/4	138,148	1/4	130,035	1/4	121,923	1/4	112,323	1/4	100,747	1/4	100,747	1/4	89,171	1/4	77,622
1/2	1/2	1/2	146,092	1/2	137,979	1/2	129,866	1/2	121,754	1/2	112,082	1/2	100,506	1/2	100,506	1/2	88,929	1/2	77,382
3/4	3/4	3/4	145,923	3/4	137,810	3/4	129,697	3/4	121,586	3/4	111,841	3/4	100,264	3/4	100,264	3/4	88,688	3/4	77,142
9	9	9	145,754	9	137,641	9	129,528	9	121,417	9	111,599	9	100,023	9	100,023	9	88,447	9	76,903
1/4	1/4	1/4	145,585	1/4	137,472	1/4	129,359	1/4	121,249	1/4	111,358	1/4	99,782	1/4	99,782	1/4	88,206	1/4	76,663
1/2	1/2	1/2	145,416	1/2	137,303	1/2	129,190	1/2	121,080	1/2	111,117	1/2	99,541	1/2	99,541	1/2	87,965	1/2	76,423
3/4	3/4	3/4	145,247	3/4	137,134	3/4	129,021	3/4	120,912	3/4	110,876	3/4	99,300	3/4	99,300	3/4	87,724	3/4	76,183
10	10	10	145,078	10	136,965	10	128,852	10	120,744	10	110,635	10	99,059	10	99,059	10	87,482	10	75,944
1/4	1/4	1/4	144,909	1/4	136,796	1/4	128,683	1/4	120,575	1/4	110,394	1/4	98,817	1/4	98,817	1/4	87,241	1/4	75,704
1/2	1/2	1/2	144,740	1/2	136,627	1/2	128,514	1/2	120,407	1/2	110,152	1/2	98,576	1/2	98,576	1/2	87,000	1/2	75,464
3/4	3/4	3/4	144,571	3/4	136,458	3/4	128,345	3/4	120,238	3/4	109,911	3/4	98,335	3/4	98,335	3/4	86,759	3/4	75,224
11	11	11	144,402	11	136,289	11	128,176	11	120,070	11	109,670	11	98,094	11	98,094	11	86,518	11	74,985
1/4	1/4	1/4	144,233	1/4	136,120	1/4	128,007	1/4	119,901	1/4	109,429	1/4	97,853	1/4	97,853	1/4	86,277	1/4	74,744
1/2	1/2	1/2	151,318	1/2	144,064	1/2	135,951	1/2	127,838	1/2	119,733	1/2	97,612	1/2	97,612	1/2	86,035	1/2	74,504
3/4	3/4	3/4	151,298	3/4	143,895	3/4	135,782	3/4	127,669	3/4	119,564	3/4	97,370	3/4	97,370	3/4	85,794	3/4	74,263

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 24'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1420"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	74,023	0	62,456	0	50,884	0	39,313	0	27,970	0	16,429	0	4,839	0		0		0	
1/4	73,782	1/4	62,215	1/4	50,643	1/4	39,071	1/4	27,736	1/4	16,188	1/4	4,600	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,542	1/2	61,974	1/2	50,402	1/2	38,830	1/2	27,502	1/2	15,946	1/2	4,362	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,301	3/4	61,733	3/4	50,161	3/4	38,589	3/4	27,267	3/4	15,704	3/4	4,123	3/4	3/4	3/4	3/4	3/4	3/4
1	73,061	1	61,492	1	49,920	1	38,348	1	27,033	1	15,463	1	3,884	1		1		1	
1/4	72,820	1/4	61,250	1/4	49,679	1/4	38,107	1/4	26,799	1/4	15,221	1/4	3,647	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,580	1/2	61,009	1/2	49,438	1/2	37,866	1/2	26,564	1/2	14,979	1/2	3,410	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,339	3/4	60,768	3/4	49,197	3/4	37,625	3/4	26,330	3/4	14,738	3/4	3,173	3/4	3/4	3/4	3/4	3/4	3/4
2	72,099	2	60,527	2	48,956	2	37,384	2	26,096	2	14,496	2	2,936	2		2		2	
1/4	71,858	1/4	60,286	1/4	48,714	1/4	37,143	1/4	25,854	1/4	14,255	1/4	2,715	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,617	1/2	60,045	1/2	48,473	1/2	36,902	1/2	25,612	1/2	14,013	1/2	2,495	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,376	3/4	59,804	3/4	48,232	3/4	36,661	3/4	25,371	3/4	13,771	3/4	2,274	3/4	3/4	3/4	3/4	3/4	3/4
3	71,135	3	59,563	3	47,991	3	36,420	3	25,129	3	13,530	3	2,053	3		3		3	
1/4	70,894	1/4	59,322	1/4	47,750	1/4	36,179	1/4	24,887	1/4	13,288	1/4	1,872	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,652	1/2	59,081	1/2	47,509	1/2	35,937	1/2	24,646	1/2	13,046	1/2	1,690	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,411	3/4	58,840	3/4	47,268	3/4	35,696	3/4	24,404	3/4	12,805	3/4	1,509	3/4	3/4	3/4	3/4	3/4	3/4
4	70,170	4	58,599	4	47,027	4	35,455	4	24,162	4	12,563	4	1,328	4		4		4	
1/4	69,929	1/4	58,358	1/4	46,786	1/4	35,214	1/4	23,921	1/4	12,321	1/4	1,187	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,688	1/2	58,116	1/2	46,545	1/2	34,972	1/2	23,679	1/2	12,080	1/2	1,046	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,447	3/4	57,875	3/4	46,304	3/4	34,731	3/4	23,437	3/4	11,838	3/4	905	3/4	3/4	3/4	3/4	3/4	3/4
5	69,206	5	57,634	5	46,063	5	34,490	5	23,196	5	11,596	5	764	5		5		5	
1/4	68,965	1/4	57,393	1/4	45,822	1/4	34,249	1/4	22,954	1/4	11,355	1/4	664	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,724	1/2	57,152	1/2	45,580	1/2	34,007	1/2	22,712	1/2	11,113	1/2	563	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,483	3/4	56,911	3/4	45,339	3/4	33,766	3/4	22,471	3/4	10,871	3/4	462	3/4	3/4	3/4	3/4	3/4	3/4
6	68,242	6	56,670	6	45,098	6	33,524	6	22,229	6	10,630	6	362	6		6		6	
1/4	68,001	1/4	56,429	1/4	44,857	1/4	33,283	1/4	21,988	1/4	10,388	1/4	301	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,760	1/2	56,188	1/2	44,616	1/2	33,041	1/2	21,746	1/2	10,146	1/2	241	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,518	3/4	55,947	3/4	44,375	3/4	32,800	3/4	21,504	3/4	9,905	3/4	180	3/4	3/4	3/4	3/4	3/4	3/4
7	67,277	7	55,706	7	44,134	7	32,558	7	21,263	7	9,663	7	120	7		7		7	
1/4	67,036	1/4	55,465	1/4	43,893	1/4	32,317	1/4	21,021	1/4	9,421	1/4	100	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,795	1/2	55,224	1/2	43,652	1/2	32,075	1/2	20,779	1/2	9,180	1/2	80	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,554	3/4	54,982	3/4	43,411	3/4	31,834	3/4	20,538	3/4	8,938	3/4	59	3/4	3/4	3/4	3/4	3/4	3/4
8	66,313	8	54,741	8	43,170	8	31,592	8	20,296	8	8,696	8	39	8		8		8	
1/4	66,072	1/4	54,500	1/4	42,929	1/4	31,351	1/4	20,054	1/4	8,455	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,831	1/2	54,259	1/2	42,688	1/2	31,109	1/2	19,813	1/2	8,213	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,590	3/4	54,018	3/4	42,446	3/4	30,868	3/4	19,571	3/4	7,971	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	65,349	9	53,777	9	42,205	9	30,626	9	19,329	9	7,730	9		9		9		9	
1/4	65,108	1/4	53,536	1/4	41,964	1/4	30,385	1/4	19,088	1/4	7,488	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,867	1/2	53,295	1/2	41,723	1/2	30,143	1/2	18,846	1/2	7,247	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,626	3/4	53,054	3/4	41,482	3/4	29,902	3/4	18,604	3/4	7,005	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	64,384	10	52,813	10	41,241	10	29,660	10	18,363	10	6,764	10		10		10		10	
1/4	64,143	1/4	52,572	1/4	41,000	1/4	29,419	1/4	18,121	1/4	6,523	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,902	1/2	52,331	1/2	40,759	1/2	29,177	1/2	17,879	1/2	6,282	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,661	3/4	52,090	3/4	40,518	3/4	28,936	3/4	17,638	3/4	6,041	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	63,420	11	51,848	11	40,277	11	28,694	11	17,396	11	5,800	11		11		11		11	
1/4	63,179	1/4	51,607	1/4	40,036	1/4	28,453	1/4	17,154	1/4	5,560	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,938	1/2	51,366	1/2	39,795	1/2	28,211	1/2	16,913	1/2	5,320	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,697	3/4	51,125	3/4	39,554	3/4	28,204	3/4	16,671	3/4	5,080	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2020 JS
CALCULATED: 01/03/2020 CL
PRINTED: 01/03/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "CBC 1420"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	190,999	0	179,898	0	166,464	0	153,030	0	139,597	0	126,163	0	112,730	0	112,730	0	99,296
1/4	1/4	1/4	190,929	1/4	179,618	1/4	166,184	1/4	152,751	1/4	139,317	1/4	125,883	1/4	112,450	1/4	112,450	1/4	99,016
1/2	1/2	1/2	190,859	1/2	179,338	1/2	165,904	1/2	152,471	1/2	139,037	1/2	125,603	1/2	112,170	1/2	112,170	1/2	98,736
3/4	3/4	3/4	190,789	3/4	179,058	3/4	165,624	3/4	152,191	3/4	138,757	3/4	125,324	3/4	111,890	3/4	111,890	3/4	98,456
1	1	1	190,719	1	178,778	1	165,345	1	151,911	1	138,477	1	125,044	1	111,610	1	111,610	1	98,177
1/4	1/4	1/4	190,602	1/4	178,498	1/4	165,065	1/4	151,631	1/4	138,197	1/4	124,764	1/4	111,330	1/4	111,330	1/4	97,897
1/2	1/2	1/2	190,486	1/2	178,218	1/2	164,785	1/2	151,351	1/2	137,918	1/2	124,484	1/2	111,050	1/2	111,050	1/2	97,617
3/4	3/4	3/4	190,369	3/4	177,939	3/4	164,505	3/4	151,071	3/4	137,638	3/4	124,204	3/4	110,771	3/4	110,771	3/4	97,337
2	2	2	190,253	2	177,659	2	164,225	2	150,791	2	137,358	2	123,924	2	110,491	2	110,491	2	97,057
1/4	1/4	1/4	190,089	1/4	177,379	1/4	163,945	1/4	150,512	1/4	137,078	1/4	123,644	1/4	110,211	1/4	110,211	1/4	96,777
1/2	1/2	1/2	189,926	1/2	177,099	1/2	163,665	1/2	150,232	1/2	136,798	1/2	123,365	1/2	109,931	1/2	109,931	1/2	96,497
3/4	3/4	3/4	189,763	3/4	176,819	3/4	163,385	3/4	149,952	3/4	136,518	3/4	123,085	3/4	109,651	3/4	109,651	3/4	96,217
3	3	3	189,600	3	176,539	3	163,106	3	149,672	3	136,238	3	122,805	3	109,371	3	109,371	3	95,938
1/4	1/4	1/4	189,390	1/4	176,259	1/4	162,826	1/4	149,392	1/4	135,959	1/4	122,525	1/4	109,091	1/4	109,091	1/4	95,658
1/2	1/2	1/2	189,180	1/2	175,979	1/2	162,546	1/2	149,112	1/2	135,679	1/2	122,245	1/2	108,811	1/2	108,811	1/2	95,378
3/4	3/4	3/4	188,970	3/4	175,700	3/4	162,266	3/4	148,832	3/4	135,399	3/4	121,965	3/4	108,532	3/4	108,532	3/4	95,098
4	4	4	188,760	4	175,420	4	161,986	4	148,553	4	135,119	4	121,685	4	108,252	4	108,252	4	94,818
1/4	1/4	1/4	188,503	1/4	175,140	1/4	161,706	1/4	148,273	1/4	134,839	1/4	121,405	1/4	107,972	1/4	107,972	1/4	94,538
1/2	1/2	1/2	188,247	1/2	174,860	1/2	161,426	1/2	147,993	1/2	134,559	1/2	121,126	1/2	107,692	1/2	107,692	1/2	94,258
3/4	3/4	3/4	187,990	3/4	174,580	3/4	161,147	3/4	147,713	3/4	134,279	3/4	120,846	3/4	107,412	3/4	107,412	3/4	93,979
5	5	5	187,734	5	174,300	5	160,867	5	147,433	5	133,999	5	120,566	5	107,132	5	107,132	5	93,699
1/4	1/4	1/4	187,454	1/4	174,020	1/4	160,587	1/4	147,153	1/4	133,720	1/4	120,286	1/4	106,852	1/4	106,852	1/4	93,419
1/2	1/2	1/2	187,174	1/2	173,741	1/2	160,307	1/2	146,873	1/2	133,440	1/2	120,006	1/2	106,573	1/2	106,573	1/2	93,139
3/4	3/4	3/4	186,894	3/4	173,461	3/4	160,027	3/4	146,593	3/4	133,160	3/4	119,726	3/4	106,293	3/4	106,293	3/4	92,859
6	6	6	186,614	6	173,181	6	159,747	6	146,314	6	132,880	6	119,446	6	106,013	6	106,013	6	92,579
1/4	1/4	1/4	186,335	1/4	172,901	1/4	159,467	1/4	146,034	1/4	132,600	1/4	119,167	1/4	105,733	1/4	105,733	1/4	92,299
1/2	1/2	1/2	186,055	1/2	172,621	1/2	159,187	1/2	145,754	1/2	132,320	1/2	118,887	1/2	105,453	1/2	105,453	1/2	92,019
3/4	3/4	3/4	185,775	3/4	172,341	3/4	158,908	3/4	145,474	3/4	132,040	3/4	118,607	3/4	105,173	3/4	105,173	3/4	91,740
7	7	7	185,495	7	172,061	7	158,628	7	145,194	7	131,761	7	118,327	7	104,893	7	104,893	7	91,460
1/4	1/4	1/4	185,215	1/4	171,781	1/4	158,348	1/4	144,914	1/4	131,481	1/4	118,047	1/4	104,613	1/4	104,613	1/4	91,180
1/2	1/2	1/2	184,935	1/2	171,502	1/2	158,068	1/2	144,634	1/2	131,201	1/2	117,767	1/2	104,334	1/2	104,334	1/2	90,900
3/4	3/4	3/4	184,655	3/4	171,222	3/4	157,788	3/4	144,355	3/4	130,921	3/4	117,487	3/4	104,054	3/4	104,054	3/4	90,620
8	8	8	184,375	8	170,942	8	157,508	8	144,075	8	130,641	8	117,207	8	103,774	8	103,774	8	90,340
1/4	1/4	1/4	184,096	1/4	170,662	1/4	157,228	1/4	143,795	1/4	130,361	1/4	116,928	1/4	103,494	1/4	103,494	1/4	90,060
1/2	1/2	1/2	183,816	1/2	170,382	1/2	156,949	1/2	143,515	1/2	130,081	1/2	116,648	1/2	103,214	1/2	103,214	1/2	89,781
3/4	3/4	3/4	183,536	3/4	170,102	3/4	156,669	3/4	143,235	3/4	129,801	3/4	116,368	3/4	102,934	3/4	102,934	3/4	89,501
9	9	9	183,256	9	169,822	9	156,389	9	142,955	9	129,522	9	116,088	9	102,654	9	102,654	9	89,221
1/4	1/4	1/4	182,976	1/4	169,543	1/4	156,109	1/4	142,675	1/4	129,242	1/4	115,808	1/4	102,375	1/4	102,375	1/4	88,941
1/2	1/2	1/2	182,696	1/2	169,263	1/2	155,829	1/2	142,395	1/2	128,962	1/2	115,528	1/2	102,095	1/2	102,095	1/2	88,661
3/4	3/4	3/4	182,416	3/4	168,983	3/4	155,549	3/4	142,116	3/4	128,682	3/4	115,248	3/4	101,815	3/4	101,815	3/4	88,381
10	10	10	182,137	10	168,703	10	155,269	10	141,836	10	128,402	10	114,969	10	101,535	10	101,535	10	88,101
1/4	1/4	1/4	181,857	1/4	168,423	1/4	154,989	1/4	141,556	1/4	128,122	1/4	114,689	1/4	101,255	1/4	101,255	1/4	87,821
1/2	1/2	1/2	181,577	1/2	168,143	1/2	154,710	1/2	141,276	1/2	127,842	1/2	114,409	1/2	100,975	1/2	100,975	1/2	87,542
3/4	3/4	3/4	181,297	3/4	167,863	3/4	154,430	3/4	140,996	3/4	127,563	3/4	114,129	3/4	100,695	3/4	100,695	3/4	87,262
11	11	11	181,017	11	167,583	11	154,150	11	140,716	11	127,283	11	113,849	11	100,415	11	100,415	11	86,982
1/4	1/4	1/4	180,737	1/4	167,304	1/4	153,870	1/4	140,436	1/4	127,003	1/4	113,569	1/4	100,136	1/4	100,136	1/4	86,702
1/2	1/2	1/2	191,046	1/2	180,457	1/2	167,024	1/2	153,590	1/2	140,157	1/2	126,723	1/2	113,289	1/2	113,289	1/2	86,422
3/4	3/4	3/4	191,022	3/4	180,177	3/4	166,744	3/4	153,310	3/4	139,877	3/4	126,443	3/4	113,009	3/4	113,009	3/4	86,142

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 37'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1420"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,862	0	72,429	0	58,995	0	45,562	0	32,422	0	19,021	0	5,599	0		0		0	
1/4	85,583	1/4	72,149	1/4	58,715	1/4	45,282	1/4	32,150	1/4	18,741	1/4	5,322	1/4	1/4		1/4		1/4
1/2	85,303	1/2	71,869	1/2	58,435	1/2	45,002	1/2	31,878	1/2	18,461	1/2	5,045	1/2	1/2		1/2		1/2
3/4	85,023	3/4	71,589	3/4	58,156	3/4	44,722	3/4	31,606	3/4	18,181	3/4	4,768	3/4	3/4		3/4		3/4
1	84,743	1	71,309	1	57,876	1	44,442	1	31,334	1	17,901	1	4,492	1	1		1		1
1/4	84,463	1/4	71,029	1/4	57,596	1/4	44,162	1/4	31,055	1/4	17,621	1/4	4,217	1/4	1/4		1/4		1/4
1/2	84,183	1/2	70,750	1/2	57,316	1/2	43,882	1/2	30,775	1/2	17,342	1/2	3,943	1/2	1/2		1/2		1/2
3/4	83,903	3/4	70,470	3/4	57,036	3/4	43,603	3/4	30,495	3/4	17,062	3/4	3,669	3/4	3/4		3/4		3/4
2	83,623	2	70,190	2	56,756	2	43,323	2	30,215	2	16,782	2	3,395	2	2		2		2
1/4	83,344	1/4	69,910	1/4	56,476	1/4	43,043	1/4	29,935	1/4	16,502	1/4	3,139	1/4	1/4		1/4		1/4
1/2	83,064	1/2	69,630	1/2	56,197	1/2	42,763	1/2	29,655	1/2	16,222	1/2	2,883	1/2	1/2		1/2		1/2
3/4	82,784	3/4	69,350	3/4	55,917	3/4	42,483	3/4	29,375	3/4	15,942	3/4	2,627	3/4	3/4		3/4		3/4
3	82,504	3	69,070	3	55,637	3	42,203	3	29,096	3	15,662	3	2,371	3	3		3		3
1/4	82,224	1/4	68,791	1/4	55,357	1/4	41,931	1/4	28,816	1/4	15,383	1/4	2,162	1/4	1/4		1/4		1/4
1/2	81,944	1/2	68,511	1/2	55,077	1/2	41,659	1/2	28,536	1/2	15,103	1/2	1,952	1/2	1/2		1/2		1/2
3/4	81,664	3/4	68,231	3/4	54,797	3/4	41,387	3/4	28,256	3/4	14,823	3/4	1,742	3/4	3/4		3/4		3/4
4	81,385	4	67,951	4	54,517	4	41,115	4	27,976	4	14,543	4	1,532	4	4		4		4
1/4	81,105	1/4	67,671	1/4	54,237	1/4	40,844	1/4	27,696	1/4	14,263	1/4	1,369	1/4	1/4		1/4		1/4
1/2	80,825	1/2	67,391	1/2	53,958	1/2	40,572	1/2	27,416	1/2	13,983	1/2	1,205	1/2	1/2		1/2		1/2
3/4	80,545	3/4	67,111	3/4	53,678	3/4	40,300	3/4	27,137	3/4	13,703	3/4	1,042	3/4	3/4		3/4		3/4
5	80,265	5	66,831	5	53,398	5	40,029	5	26,857	5	13,424	5	879	5	5		5		5
1/4	79,985	1/4	66,552	1/4	53,118	1/4	39,757	1/4	26,577	1/4	13,144	1/4	762	1/4	1/4		1/4		1/4
1/2	79,705	1/2	66,272	1/2	52,838	1/2	39,485	1/2	26,297	1/2	12,864	1/2	646	1/2	1/2		1/2		1/2
3/4	79,425	3/4	65,992	3/4	52,558	3/4	39,214	3/4	26,017	3/4	12,584	3/4	529	3/4	3/4		3/4		3/4
6	79,146	6	65,712	6	52,278	6	38,942	6	25,737	6	12,304	6	412	6	6		6		6
1/4	78,866	1/4	65,432	1/4	51,999	1/4	38,670	1/4	25,457	1/4	12,024	1/4	343	1/4	1/4		1/4		1/4
1/2	78,586	1/2	65,152	1/2	51,719	1/2	38,399	1/2	25,178	1/2	11,744	1/2	273	1/2	1/2		1/2		1/2
3/4	78,306	3/4	64,872	3/4	51,439	3/4	38,127	3/4	24,898	3/4	11,465	3/4	203	3/4	3/4		3/4		3/4
7	78,026	7	64,593	7	51,159	7	37,855	7	24,618	7	11,185	7	133	7	7		7		7
1/4	77,746	1/4	64,313	1/4	50,879	1/4	37,584	1/4	24,338	1/4	10,905	1/4	109	1/4	1/4		1/4		1/4
1/2	77,466	1/2	64,033	1/2	50,599	1/2	37,312	1/2	24,058	1/2	10,625	1/2	86	1/2	1/2		1/2		1/2
3/4	77,187	3/4	63,753	3/4	50,319	3/4	37,040	3/4	23,778	3/4	10,345	3/4	63	3/4	3/4		3/4		3/4
8	76,907	8	63,473	8	50,039	8	36,769	8	23,498	8	10,065	8	39	8	8		8		8
1/4	76,627	1/4	63,193	1/4	49,760	1/4	36,497	1/4	23,219	1/4	9,785	1/4		1/4	1/4		1/4		1/4
1/2	76,347	1/2	62,913	1/2	49,480	1/2	36,226	1/2	22,939	1/2	9,506	1/2		1/2	1/2		1/2		1/2
3/4	76,067	3/4	62,633	3/4	49,200	3/4	35,954	3/4	22,659	3/4	9,226	3/4		3/4	3/4		3/4		3/4
9	75,787	9	62,354	9	48,920	9	35,682	9	22,379	9	8,946	9		9	9		9		9
1/4	75,507	1/4	62,074	1/4	48,640	1/4	35,411	1/4	22,099	1/4	8,666	1/4		1/4	1/4		1/4		1/4
1/2	75,227	1/2	61,794	1/2	48,360	1/2	35,139	1/2	21,819	1/2	8,387	1/2		1/2	1/2		1/2		1/2
3/4	74,948	3/4	61,514	3/4	48,080	3/4	34,867	3/4	21,539	3/4	8,107	3/4		3/4	3/4		3/4		3/4
10	74,668	10	61,234	10	47,801	10	34,596	10	21,260	10	7,828	10		10	10		10		10
1/4	74,388	1/4	60,954	1/4	47,521	1/4	34,324	1/4	20,980	1/4	7,548	1/4		1/4	1/4		1/4		1/4
1/2	74,108	1/2	60,674	1/2	47,241	1/2	34,052	1/2	20,700	1/2	7,269	1/2		1/2	1/2		1/2		1/2
3/4	73,828	3/4	60,395	3/4	46,961	3/4	33,781	3/4	20,420	3/4	6,990	3/4		3/4	3/4		3/4		3/4
11	73,548	11	60,115	11	46,681	11	33,509	11	20,140	11	6,711	11		11	11		11		11
1/4	73,268	1/4	59,835	1/4	46,401	1/4	33,237	1/4	19,860	1/4	6,433	1/4		1/4	1/4		1/4		1/4
1/2	72,989	1/2	59,555	1/2	46,121	1/2	32,966	1/2	19,580	1/2	6,155	1/2		1/2	1/2		1/2		1/2
3/4	72,709	3/4	59,275	3/4	45,841	3/4	32,694	3/4	19,301	3/4	5,877	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2020 JS
CALCULATED: 01/03/2020 CL
PRINTED: 01/03/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "CBC 1420"

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	171,219	0	161,514	0	149,492	0	137,470	0	125,448	0	113,426	0	101,404	0	89,382		
1/4	1/4	1/4	171,198	1/4	161,263	1/4	149,241	1/4	137,219	1/4	125,197	1/4	113,175	1/4	101,154	1/4	89,132		
1/2	1/2	1/2	171,136	1/2	161,013	1/2	148,991	1/2	136,969	1/2	124,947	1/2	112,925	1/2	100,903	1/2	88,881		
3/4	3/4	3/4	171,073	3/4	160,762	3/4	148,740	3/4	136,718	3/4	124,697	3/4	112,675	3/4	100,653	3/4	88,631		
1	1	1	171,010	1	160,512	1	148,490	1	136,468	1	124,446	1	112,424	1	100,402	1	88,380		
1/4	1/4	1/4	170,948	1/4	160,262	1/4	148,240	1/4	136,218	1/4	124,196	1/4	112,174	1/4	100,152	1/4	88,130		
1/2	1/2	1/2	170,843	1/2	160,011	1/2	147,989	1/2	135,967	1/2	123,945	1/2	111,923	1/2	99,901	1/2	87,879		
3/4	3/4	3/4	170,739	3/4	159,761	3/4	147,739	3/4	135,717	3/4	123,695	3/4	111,673	3/4	99,651	3/4	87,629		
2	2	2	170,635	2	159,510	2	147,488	2	135,466	2	123,444	2	111,422	2	99,400	2	87,378		
1/4	1/4	1/4	170,530	1/4	159,260	1/4	147,238	1/4	135,216	1/4	123,194	1/4	111,172	1/4	99,150	1/4	87,128		
1/2	1/2	1/2	170,384	1/2	159,009	1/2	146,987	1/2	134,965	1/2	122,943	1/2	110,921	1/2	98,899	1/2	86,877		
3/4	3/4	3/4	170,238	3/4	158,759	3/4	146,737	3/4	134,715	3/4	122,693	3/4	110,671	3/4	98,649	3/4	86,627		
3	3	3	170,092	3	158,508	3	146,486	3	134,464	3	122,442	3	110,420	3	98,399	3	86,377		
1/4	1/4	1/4	169,946	1/4	158,258	1/4	146,236	1/4	134,214	1/4	122,192	1/4	110,170	1/4	98,148	1/4	86,126		
1/2	1/2	1/2	169,758	1/2	158,007	1/2	145,985	1/2	133,963	1/2	121,942	1/2	109,920	1/2	97,898	1/2	85,876		
3/4	3/4	3/4	169,570	3/4	157,757	3/4	145,735	3/4	133,713	3/4	121,691	3/4	109,669	3/4	97,647	3/4	85,625		
4	4	4	169,382	4	157,506	4	145,485	4	133,463	4	121,441	4	109,419	4	97,397	4	85,375		
1/4	1/4	1/4	169,194	1/4	157,256	1/4	145,234	1/4	133,212	1/4	121,190	1/4	109,168	1/4	97,146	1/4	85,124		
1/2	1/2	1/2	168,965	1/2	157,006	1/2	144,984	1/2	132,962	1/2	120,940	1/2	108,918	1/2	96,896	1/2	84,874		
3/4	3/4	3/4	168,735	3/4	156,755	3/4	144,733	3/4	132,711	3/4	120,689	3/4	108,667	3/4	96,645	3/4	84,623		
5	5	5	168,506	5	156,505	5	144,483	5	132,461	5	120,439	5	108,417	5	96,395	5	84,373		
1/4	1/4	1/4	168,276	1/4	156,254	1/4	144,232	1/4	132,210	1/4	120,188	1/4	108,166	1/4	96,144	1/4	84,122		
1/2	1/2	1/2	168,026	1/2	156,004	1/2	143,982	1/2	131,960	1/2	119,938	1/2	107,916	1/2	95,894	1/2	83,872		
3/4	3/4	3/4	167,775	3/4	155,753	3/4	143,731	3/4	131,709	3/4	119,687	3/4	107,665	3/4	95,643	3/4	83,622		
6	6	6	167,525	6	155,503	6	143,481	6	131,459	6	119,437	6	107,415	6	95,393	6	83,371		
1/4	1/4	1/4	167,274	1/4	155,252	1/4	143,230	1/4	131,208	1/4	119,186	1/4	107,165	1/4	95,143	1/4	83,121		
1/2	1/2	1/2	167,024	1/2	155,002	1/2	142,980	1/2	130,958	1/2	118,936	1/2	106,914	1/2	94,892	1/2	82,870		
3/4	3/4	3/4	166,773	3/4	154,751	3/4	142,729	3/4	130,708	3/4	118,686	3/4	106,664	3/4	94,642	3/4	82,620		
7	7	7	166,523	7	154,501	7	142,479	7	130,457	7	118,435	7	106,413	7	94,391	7	82,369		
1/4	1/4	1/4	166,272	1/4	154,251	1/4	142,229	1/4	130,207	1/4	118,185	1/4	106,163	1/4	94,141	1/4	82,119		
1/2	1/2	1/2	166,022	1/2	154,000	1/2	141,978	1/2	129,956	1/2	117,934	1/2	105,912	1/2	93,890	1/2	81,868		
3/4	3/4	3/4	165,772	3/4	153,750	3/4	141,728	3/4	129,706	3/4	117,684	3/4	105,662	3/4	93,640	3/4	81,618		
8	8	8	165,521	8	153,499	8	141,477	8	129,455	8	117,433	8	105,411	8	93,389	8	81,367		
1/4	1/4	1/4	165,271	1/4	153,249	1/4	141,227	1/4	129,205	1/4	117,183	1/4	105,161	1/4	93,139	1/4	81,117		
1/2	1/2	1/2	165,020	1/2	152,998	1/2	140,976	1/2	128,954	1/2	116,932	1/2	104,910	1/2	92,888	1/2	80,866		
3/4	3/4	3/4	164,770	3/4	152,748	3/4	140,726	3/4	128,704	3/4	116,682	3/4	104,660	3/4	92,638	3/4	80,616		
9	9	9	164,519	9	152,497	9	140,475	9	128,453	9	116,431	9	104,409	9	92,388	9	80,366		
1/4	1/4	1/4	164,269	1/4	152,247	1/4	140,225	1/4	128,203	1/4	116,181	1/4	104,159	1/4	92,137	1/4	80,115		
1/2	1/2	1/2	164,018	1/2	151,996	1/2	139,974	1/2	127,952	1/2	115,931	1/2	103,909	1/2	91,887	1/2	79,865		
3/4	3/4	3/4	163,768	3/4	151,746	3/4	139,724	3/4	127,702	3/4	115,680	3/4	103,658	3/4	91,636	3/4	79,614		
10	10	10	163,517	10	151,495	10	139,474	10	127,452	10	115,430	10	103,408	10	91,386	10	79,364		
1/4	1/4	1/4	163,267	1/4	151,245	1/4	139,223	1/4	127,201	1/4	115,179	1/4	103,157	1/4	91,135	1/4	79,113		
1/2	1/2	1/2	163,017	1/2	150,995	1/2	138,973	1/2	126,951	1/2	114,929	1/2	102,907	1/2	90,885	1/2	78,863		
3/4	3/4	3/4	162,766	3/4	150,744	3/4	138,722	3/4	126,700	3/4	114,678	3/4	102,656	3/4	90,634	3/4	78,612		
11	11	11	162,516	11	150,494	11	138,472	11	126,450	11	114,428	11	102,406	11	90,384	11	78,362		
1/4	1/4	1/4	162,265	1/4	150,243	1/4	138,221	1/4	126,199	1/4	114,177	1/4	102,155	1/4	90,133	1/4	78,111		
1/2	1/2	1/2	162,015	1/2	149,993	1/2	137,971	1/2	125,949	1/2	113,927	1/2	101,905	1/2	89,883	1/2	77,861		
3/4	3/4	3/4	171,240	3/4	161,764	3/4	149,742	3/4	137,720	3/4	125,698	3/4	113,676	3/4	101,654	3/4	89,632	3/4	77,611

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 30'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 1420"

3 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	77,110	1/4	65,088	1/4	53,066	1/4	41,044	1/4	29,045	1/4	17,026	1/4	5,015	1/4		1/4		1/4		1/4	
1/2	76,859	1/2	64,837	1/2	52,815	1/2	40,793	1/2	28,795	1/2	16,776	1/2	4,767	1/2		1/2		1/2		1/2	
3/4	76,609	3/4	64,587	3/4	52,565	3/4	40,543	3/4	28,545	3/4	16,525	3/4	4,519	3/4		3/4		3/4		3/4	
1	76,358	1	64,336	1	52,314	1	40,292	1	28,295	1	16,275	1	4,272	1		1		1		1	
1/4	76,108	1/4	64,086	1/4	52,064	1/4	40,042	1/4	28,045	1/4	16,024	1/4	4,024	1/4		1/4		1/4		1/4	
1/2	75,857	1/2	63,835	1/2	51,813	1/2	39,791	1/2	27,794	1/2	15,774	1/2	3,779	1/2		1/2		1/2		1/2	
3/4	75,607	3/4	63,585	3/4	51,563	3/4	39,541	3/4	27,544	3/4	15,524	3/4	3,533	3/4		3/4		3/4		3/4	
2	75,356	2	63,334	2	51,312	2	39,291	2	27,294	2	15,273	2	3,288	2		2		2		2	
1/4	75,106	1/4	63,084	1/4	51,062	1/4	39,040	1/4	27,044	1/4	15,023	1/4	3,042	1/4		1/4		1/4		1/4	
1/2	74,855	1/2	62,834	1/2	50,812	1/2	38,790	1/2	26,794	1/2	14,772	1/2	2,813	1/2		1/2		1/2		1/2	
3/4	74,605	3/4	62,583	3/4	50,561	3/4	38,539	3/4	26,543	3/4	14,522	3/4	2,584	3/4		3/4		3/4		3/4	
3	74,355	3	62,333	3	50,311	3	38,289	3	26,293	3	14,271	3	2,355	3		3		3		3	
1/4	74,104	1/4	62,082	1/4	50,060	1/4	38,038	1/4	26,042	1/4	14,021	1/4	2,127	1/4		1/4		1/4		1/4	
1/2	73,854	1/2	61,832	1/2	49,810	1/2	37,788	1/2	25,792	1/2	13,770	1/2	1,939	1/2		1/2		1/2		1/2	
3/4	73,603	3/4	61,581	3/4	49,559	3/4	37,537	3/4	25,541	3/4	13,520	3/4	1,751	3/4		3/4		3/4		3/4	
4	73,353	4	61,331	4	49,309	4	37,287	4	25,291	4	13,269	4	1,563	4		4		4		4	
1/4	73,102	1/4	61,080	1/4	49,058	1/4	37,036	1/4	25,041	1/4	13,019	1/4	1,375	1/4		1/4		1/4		1/4	
1/2	72,852	1/2	60,830	1/2	48,808	1/2	36,787	1/2	24,790	1/2	12,769	1/2	1,229	1/2		1/2		1/2		1/2	
3/4	72,601	3/4	60,579	3/4	48,557	3/4	36,537	3/4	24,540	3/4	12,518	3/4	1,083	3/4		3/4		3/4		3/4	
5	72,351	5	60,329	5	48,307	5	36,287	5	24,289	5	12,268	5	937	5		5		5		5	
1/4	72,100	1/4	60,079	1/4	48,057	1/4	36,037	1/4	24,039	1/4	12,017	1/4	791	1/4		1/4		1/4		1/4	
1/2	71,850	1/2	59,828	1/2	47,806	1/2	35,788	1/2	23,788	1/2	11,767	1/2	686	1/2		1/2		1/2		1/2	
3/4	71,600	3/4	59,578	3/4	47,556	3/4	35,538	3/4	23,538	3/4	11,516	3/4	582	3/4		3/4		3/4		3/4	
6	71,349	6	59,327	6	47,305	6	35,288	6	23,287	6	11,266	6	478	6		6		6		6	
1/4	71,099	1/4	59,077	1/4	47,055	1/4	35,039	1/4	23,037	1/4	11,015	1/4	373	1/4		1/4		1/4		1/4	
1/2	70,848	1/2	58,826	1/2	46,804	1/2	34,789	1/2	22,787	1/2	10,765	1/2	311	1/2		1/2		1/2		1/2	
3/4	70,598	3/4	58,576	3/4	46,554	3/4	34,539	3/4	22,536	3/4	10,515	3/4	248	3/4		3/4		3/4		3/4	
7	70,347	7	58,325	7	46,303	7	34,289	7	22,286	7	10,264	7	186	7		7		7		7	
1/4	70,097	1/4	58,075	1/4	46,053	1/4	34,040	1/4	22,035	1/4	10,014	1/4	123	1/4		1/4		1/4		1/4	
1/2	69,846	1/2	57,824	1/2	45,802	1/2	33,790	1/2	21,785	1/2	9,763	1/2	102	1/2		1/2		1/2		1/2	
3/4	69,596	3/4	57,574	3/4	45,552	3/4	33,540	3/4	21,534	3/4	9,513	3/4	81	3/4		3/4		3/4		3/4	
8	69,345	8	57,323	8	45,302	8	33,290	8	21,284	8	9,262	8	60	8		8		8		8	
1/4	69,095	1/4	57,073	1/4	45,051	1/4	33,041	1/4	21,033	1/4	9,012	1/4	40	1/4		1/4		1/4		1/4	
1/2	68,845	1/2	56,823	1/2	44,801	1/2	32,791	1/2	20,783	1/2	8,761	1/2		1/2		1/2		1/2		1/2	
3/4	68,594	3/4	56,572	3/4	44,550	3/4	32,541	3/4	20,532	3/4	8,511	3/4		3/4		3/4		3/4		3/4	
9	68,344	9	56,322	9	44,300	9	32,291	9	20,282	9	8,261	9		9		9		9		9	
1/4	68,093	1/4	56,071	1/4	44,049	1/4	32,042	1/4	20,032	1/4	8,010	1/4		1/4		1/4		1/4		1/4	
1/2	67,843	1/2	55,821	1/2	43,799	1/2	31,792	1/2	19,781	1/2	7,760	1/2		1/2		1/2		1/2		1/2	
3/4	67,592	3/4	55,570	3/4	43,548	3/4	31,542	3/4	19,531	3/4	7,510	3/4		3/4		3/4		3/4		3/4	
10	67,342	10	55,320	10	43,298	10	31,293	10	19,280	10	7,259	10		10		10		10		10	
1/4	67,091	1/4	55,069	1/4	43,047	1/4	31,043	1/4	19,030	1/4	7,009	1/4		1/4		1/4		1/4		1/4	
1/2	66,841	1/2	54,819	1/2	42,797	1/2	30,793	1/2	18,779	1/2	6,760	1/2		1/2		1/2		1/2		1/2	
3/4	66,590	3/4	54,568	3/4	42,546	3/4	30,543	3/4	18,529	3/4	6,510	3/4		3/4		3/4		3/4		3/4	
11	66,340	11	54,318	11	42,296	11	30,294	11	18,278	11	6,260	11		11		11		11		11	
1/4	66,089	1/4	54,068	1/4	42,046	1/4	30,044	1/4	18,028	1/4	6,010	1/4		1/4		1/4		1/4		1/4	
1/2	65,839	1/2	53,817	1/2	41,795	1/2	29,794	1/2	17,778	1/2	5,761	1/2		1/2		1/2		1/2		1/2	
3/4	65,589	3/4	53,567	3/4	41,545	3/4	29,544	3/4	17,527	3/4	5,512	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/02/2020 JS
CALCULATED: 01/03/2020 CL
PRINTED: 01/03/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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