



BARGE "CBC 1428"

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: 180'-09"

February 22, 2021

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

<http://www.pmacorp.net>



BARGE "CBC 1428"

1 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	8,706	0	20,319	0	31,748	0	43,218	0	54,802	0	66,387	0	77,948	0	89,511	0	101,100
1/4	60	1/4	8,948	1/4	20,560	1/4	31,982	1/4	43,459	1/4	55,044	1/4	66,628	1/4	78,188	1/4	89,753	1/4	101,342
1/2	80	1/2	9,190	1/2	20,802	1/2	32,216	1/2	43,700	1/2	55,285	1/2	66,869	1/2	78,428	1/2	89,994	1/2	101,583
3/4	100	3/4	9,432	3/4	21,044	3/4	32,450	3/4	43,942	3/4	55,526	3/4	67,111	3/4	78,668	3/4	90,236	3/4	101,825
1	120	1	9,674	1	21,286	1	32,685	1	44,183	1	55,768	1	67,352	1	78,908	1	90,477	1	102,066
1/4	180	1/4	9,916	1/4	21,528	1/4	32,919	1/4	44,424	1/4	56,009	1/4	67,593	1/4	79,148	1/4	90,718	1/4	102,307
1/2	241	1/2	10,158	1/2	21,770	1/2	33,153	1/2	44,666	1/2	56,250	1/2	67,835	1/2	79,388	1/2	90,960	1/2	102,549
3/4	301	3/4	10,400	3/4	22,012	3/4	33,387	3/4	44,907	3/4	56,492	3/4	68,076	3/4	79,628	3/4	91,201	3/4	102,790
2	362	2	10,641	2	22,254	2	33,621	2	45,148	2	56,733	2	68,318	2	79,868	2	91,443	2	103,032
1/4	463	1/4	10,883	1/4	22,496	1/4	33,855	1/4	45,390	1/4	56,974	1/4	68,559	1/4	80,108	1/4	91,684	1/4	103,273
1/2	564	1/2	11,125	1/2	22,738	1/2	34,090	1/2	45,631	1/2	57,216	1/2	68,800	1/2	80,348	1/2	91,926	1/2	103,515
3/4	664	3/4	11,367	3/4	22,980	3/4	34,324	3/4	45,872	3/4	57,457	3/4	69,042	3/4	80,588	3/4	92,167	3/4	103,756
3	765	3	11,609	3	23,222	3	34,558	3	46,114	3	57,698	3	69,283	3	80,828	3	92,408	3	103,997
1/4	906	1/4	11,851	1/4	23,464	1/4	34,792	1/4	46,355	1/4	57,940	1/4	69,524	1/4	81,068	1/4	92,650	1/4	104,239
1/2	1,047	1/2	12,093	1/2	23,705	1/2	35,026	1/2	46,597	1/2	58,181	1/2	69,766	1/2	81,308	1/2	92,891	1/2	104,480
3/4	1,188	3/4	12,335	3/4	23,947	3/4	35,261	3/4	46,838	3/4	58,422	3/4	70,007	3/4	81,548	3/4	93,133	3/4	104,722
4	1,329	4	12,577	4	24,189	4	35,495	4	47,079	4	58,664	4	70,248	4	81,788	4	93,374	4	104,963
1/4	1,511	1/4	12,819	1/4	24,431	1/4	35,736	1/4	47,321	1/4	58,905	1/4	70,490	1/4	82,029	1/4	93,616	1/4	105,205
1/2	1,692	1/2	13,061	1/2	24,673	1/2	35,977	1/2	47,562	1/2	59,146	1/2	70,731	1/2	82,269	1/2	93,857	1/2	105,446
3/4	1,874	3/4	13,303	3/4	24,915	3/4	36,219	3/4	47,803	3/4	59,388	3/4	70,972	3/4	82,510	3/4	94,099	3/4	105,688
5	2,055	5	13,545	5	25,157	5	36,460	5	48,045	5	59,629	5	71,214	5	82,751	5	94,340	5	105,929
1/4	2,276	1/4	13,786	1/4	25,399	1/4	36,701	1/4	48,286	1/4	59,870	1/4	71,455	1/4	82,992	1/4	94,581	1/4	106,170
1/2	2,497	1/2	14,028	1/2	25,641	1/2	36,943	1/2	48,527	1/2	60,112	1/2	71,696	1/2	83,234	1/2	94,823	1/2	106,412
3/4	2,718	3/4	14,270	3/4	25,883	3/4	37,184	3/4	48,769	3/4	60,353	3/4	71,938	3/4	83,475	3/4	95,064	3/4	106,653
6	2,939	6	14,512	6	26,125	6	37,425	6	49,010	6	60,594	6	72,179	6	83,717	6	95,306	6	106,895
1/4	3,177	1/4	14,754	1/4	26,359	1/4	37,667	1/4	49,251	1/4	60,836	1/4	72,420	1/4	83,958	1/4	95,547	1/4	107,136
1/2	3,414	1/2	14,996	1/2	26,594	1/2	37,908	1/2	49,493	1/2	61,077	1/2	72,661	1/2	84,199	1/2	95,789	1/2	107,378
3/4	3,651	3/4	15,238	3/4	26,828	3/4	38,149	3/4	49,734	3/4	61,319	3/4	72,901	3/4	84,441	3/4	96,030	3/4	107,619
7	3,888	7	15,480	7	27,063	7	38,391	7	49,975	7	61,560	7	73,142	7	84,682	7	96,271	7	107,860
1/4	4,127	1/4	15,722	1/4	27,298	1/4	38,632	1/4	50,217	1/4	61,801	1/4	73,383	1/4	84,924	1/4	96,513	1/4	108,102
1/2	4,366	1/2	15,964	1/2	27,532	1/2	38,874	1/2	50,458	1/2	62,043	1/2	73,624	1/2	85,165	1/2	96,754	1/2	108,343
3/4	4,606	3/4	16,206	3/4	27,767	3/4	39,115	3/4	50,699	3/4	62,284	3/4	73,864	3/4	85,407	3/4	96,996	3/4	108,585
8	4,845	8	16,448	8	28,001	8	39,356	8	50,941	8	62,525	8	74,105	8	85,648	8	97,237	8	108,826
1/4	5,085	1/4	16,690	1/4	28,235	1/4	39,598	1/4	51,182	1/4	62,767	1/4	74,346	1/4	85,890	1/4	97,479	1/4	109,068
1/2	5,326	1/2	16,932	1/2	28,470	1/2	39,839	1/2	51,423	1/2	63,008	1/2	74,587	1/2	86,131	1/2	97,720	1/2	109,309
3/4	5,566	3/4	17,173	3/4	28,704	3/4	40,080	3/4	51,665	3/4	63,249	3/4	74,827	3/4	86,372	3/4	97,962	3/4	109,551
9	5,807	9	17,415	9	28,938	9	40,322	9	51,906	9	63,491	9	75,068	9	86,614	9	98,203	9	109,792
1/4	6,048	1/4	17,657	1/4	29,172	1/4	40,563	1/4	52,147	1/4	63,732	1/4	75,308	1/4	86,855	1/4	98,444	1/4	110,033
1/2	6,289	1/2	17,899	1/2	29,406	1/2	40,804	1/2	52,389	1/2	63,973	1/2	75,548	1/2	87,097	1/2	98,686	1/2	110,275
3/4	6,530	3/4	18,141	3/4	29,640	3/4	41,046	3/4	52,630	3/4	64,215	3/4	75,788	3/4	87,338	3/4	98,927	3/4	110,516
10	6,772	10	18,383	10	29,875	10	41,287	10	52,871	10	64,456	10	76,028	10	87,580	10	99,169	10	110,758
1/4	7,013	1/4	18,625	1/4	30,109	1/4	41,528	1/4	53,113	1/4	64,697	1/4	76,268	1/4	87,821	1/4	99,410	1/4	110,999
1/2	7,255	1/2	18,867	1/2	30,343	1/2	41,770	1/2	53,354	1/2	64,939	1/2	76,508	1/2	88,063	1/2	99,652	1/2	111,241
3/4	7,497	3/4	19,109	3/4	30,577	3/4	42,011	3/4	53,596	3/4	65,180	3/4	76,748	3/4	88,304	3/4	99,893	3/4	111,482
11	7,738	11	19,351	11	30,811	11	42,252	11	53,837	11	65,421	11	76,988	11	88,545	11	100,134	11	111,723
1/4	7,980	1/4	19,593	1/4	31,045	1/4	42,494	1/4	54,078	1/4	65,663	1/4	77,228	1/4	88,787	1/4	100,376	1/4	111,965
1/2	8,222	1/2	19,835	1/2	31,280	1/2	42,735	1/2	54,320	1/2	65,904	1/2	77,468	1/2	89,028	1/2	100,617	1/2	112,206
3/4	8,464	3/4	20,077	3/4	31,514	3/4	42,976	3/4	54,561	3/4	66,145	3/4	77,708	3/4	89,270	3/4	100,859	3/4	112,448

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1428"

1 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	112,689	0	122,227	0	130,349	0	138,471	0	146,593	0		0		0		0		0	
1/4	112,930	1/4	122,396	1/4	130,518	1/4	138,640	1/4	146,762	1/4		1/4		1/4		1/4		1/4	
1/2	113,171	1/2	122,565	1/2	130,687	1/2	138,809	1/2	146,932	1/2		1/2		1/2		1/2		1/2	
3/4	113,412	3/4	122,734	3/4	130,857	3/4	138,979	3/4	147,101	3/4		3/4		3/4		3/4		3/4	
1	113,653	1	122,904	1	131,026	1	139,148	1	147,270	1		1		1		1		1	
1/4	113,894	1/4	123,073	1/4	131,195	1/4	139,317	1/4	147,439	1/4		1/4		1/4		1/4		1/4	
1/2	114,134	1/2	123,242	1/2	131,364	1/2	139,486	1/2	147,608	1/2		1/2		1/2		1/2		1/2	
3/4	114,375	3/4	123,411	3/4	131,533	3/4	139,655	3/4	147,778	3/4		3/4		3/4		3/4		3/4	
2	114,616	2	123,581	2	131,703	2	139,825	2	147,947	2		2		2		2		2	
1/4	114,857	1/4	123,750	1/4	131,872	1/4	139,994	1/4	148,116	1/4		1/4		1/4		1/4		1/4	
1/2	115,098	1/2	123,919	1/2	132,041	1/2	140,163	1/2	148,285	1/2		1/2		1/2		1/2		1/2	
3/4	115,339	3/4	124,088	3/4	132,210	3/4	140,332	3/4	148,454	3/4		3/4		3/4		3/4		3/4	
3	115,580	3	124,257	3	132,379	3	140,502	3	148,624	3		3		3		3		3	
1/4	115,821	1/4	124,427	1/4	132,549	1/4	140,671	1/4	148,845	1/4		1/4		1/4		1/4		1/4	
1/2	116,062	1/2	124,596	1/2	132,718	1/2	140,840	1/2	149,067	1/2		1/2		1/2		1/2		1/2	
3/4	116,302	3/4	124,765	3/4	132,887	3/4	141,009	3/4	149,289	3/4		3/4		3/4		3/4		3/4	
4	116,543	4	124,934	4	133,056	4	141,178	4	149,511	4		4		4		4		4	
1/4	116,784	1/4	125,103	1/4	133,225	1/4	141,348	1/4	149,692	1/4		1/4		1/4		1/4		1/4	
1/2	117,025	1/2	125,273	1/2	133,395	1/2	141,517	1/2	149,874	1/2		1/2		1/2		1/2		1/2	
3/4	117,266	3/4	125,442	3/4	133,564	3/4	141,686	3/4	150,055	3/4		3/4		3/4		3/4		3/4	
5	117,507	5	125,611	5	133,733	5	141,855	5	150,236	5		5		5		5		5	
1/4	117,675	1/4	125,780	1/4	133,902	1/4	142,024	1/4	150,378	1/4		1/4		1/4		1/4		1/4	
1/2	117,843	1/2	125,949	1/2	134,072	1/2	142,194	1/2	150,519	1/2		1/2		1/2		1/2		1/2	
3/4	118,011	3/4	126,119	3/4	134,241	3/4	142,363	3/4	150,660	3/4		3/4		3/4		3/4		3/4	
6	118,179	6	126,288	6	134,410	6	142,532	6	150,801	6		6		6		6		6	
1/4	118,348	1/4	126,457	1/4	134,579	1/4	142,701	1/4	150,902	1/4		1/4		1/4		1/4		1/4	
1/2	118,517	1/2	126,626	1/2	134,748	1/2	142,870	1/2	151,003	1/2		1/2		1/2		1/2		1/2	
3/4	118,685	3/4	126,796	3/4	134,918	3/4	143,040	3/4	151,103	3/4		3/4		3/4		3/4		3/4	
7	118,854	7	126,965	7	135,087	7	143,209	7	151,204	7		7		7		7		7	
1/4	119,023	1/4	127,134	1/4	135,256	1/4	143,378	1/4	151,265	1/4		1/4		1/4		1/4		1/4	
1/2	119,191	1/2	127,303	1/2	135,425	1/2	143,547	1/2	151,325	1/2		1/2		1/2		1/2		1/2	
3/4	119,360	3/4	127,472	3/4	135,594	3/4	143,717	3/4	151,386	3/4		3/4		3/4		3/4		3/4	
8	119,529	8	127,642	8	135,764	8	143,886	8	151,446	8		8		8		8		8	
1/4	119,697	1/4	127,811	1/4	135,933	1/4	144,055	1/4	151,466	1/4		1/4		1/4		1/4		1/4	
1/2	119,866	1/2	127,980	1/2	136,102	1/2	144,224	1/2	151,486	1/2		1/2		1/2		1/2		1/2	
3/4	120,034	3/4	128,149	3/4	136,271	3/4	144,393	3/4		3/4		3/4		3/4		3/4		3/4	
9	120,203	9	128,318	9	136,440	9	144,563	9		9		9		9		9		9	
1/4	120,372	1/4	128,488	1/4	136,610	1/4	144,732	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,540	1/2	128,657	1/2	136,779	1/2	144,901	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,709	3/4	128,826	3/4	136,948	3/4	145,070	3/4		3/4		3/4		3/4		3/4		3/4	
10	120,878	10	128,995	10	137,117	10	145,239	10		10		10		10		10		10	
1/4	121,046	1/4	129,164	1/4	137,287	1/4	145,409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,215	1/2	129,334	1/2	137,456	1/2	145,578	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,384	3/4	129,503	3/4	137,625	3/4	145,747	3/4		3/4		3/4		3/4		3/4		3/4	
11	121,552	11	129,672	11	137,794	11	145,916	11		11		11		11		11		11	
1/4	121,721	1/4	129,841	1/4	137,963	1/4	146,085	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,890	1/2	130,010	1/2	138,133	1/2	146,255	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,058	3/4	130,180	3/4	138,302	3/4	146,424	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021



BARGE "CBC 1428"

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	10,073	0	23,517	0	36,797	0	50,078	0	63,522	0	76,966	0	90,410	0	103,854	0	117,298
1/4	63	1/4	10,353	1/4	23,797	1/4	37,069	1/4	50,358	1/4	63,802	1/4	77,246	1/4	90,690	1/4	104,134	1/4	117,578
1/2	86	1/2	10,633	1/2	24,077	1/2	37,341	1/2	50,638	1/2	64,082	1/2	77,526	1/2	90,970	1/2	104,414	1/2	117,858
3/4	109	3/4	10,913	3/4	24,357	3/4	37,613	3/4	50,918	3/4	64,362	3/4	77,806	3/4	91,250	3/4	104,694	3/4	118,138
1	133	1	11,193	1	24,637	1	37,885	1	51,199	1	64,642	1	78,086	1	91,530	1	104,974	1	118,418
1/4	203	1/4	11,473	1/4	24,917	1/4	38,157	1/4	51,479	1/4	64,923	1/4	78,367	1/4	91,811	1/4	105,255	1/4	118,699
1/2	273	1/2	11,753	1/2	25,197	1/2	38,428	1/2	51,759	1/2	65,203	1/2	78,647	1/2	92,091	1/2	105,535	1/2	118,979
3/4	343	3/4	12,034	3/4	25,477	3/4	38,700	3/4	52,039	3/4	65,483	3/4	78,927	3/4	92,371	3/4	105,815	3/4	119,259
2	413	2	12,314	2	25,757	2	38,972	2	52,319	2	65,763	2	79,207	2	92,651	2	106,095	2	119,539
1/4	529	1/4	12,594	1/4	26,037	1/4	39,244	1/4	52,599	1/4	66,043	1/4	79,487	1/4	92,931	1/4	106,375	1/4	119,819
1/2	646	1/2	12,874	1/2	26,317	1/2	39,516	1/2	52,879	1/2	66,323	1/2	79,767	1/2	93,211	1/2	106,655	1/2	120,099
3/4	763	3/4	13,154	3/4	26,597	3/4	39,788	3/4	53,159	3/4	66,603	3/4	80,047	3/4	93,491	3/4	106,935	3/4	120,379
3	880	3	13,434	3	26,877	3	40,060	3	53,439	3	66,883	3	80,327	3	93,771	3	107,215	3	120,659
1/4	1,043	1/4	13,714	1/4	27,158	1/4	40,331	1/4	53,719	1/4	67,163	1/4	80,607	1/4	94,051	1/4	107,495	1/4	120,939
1/2	1,206	1/2	13,994	1/2	27,438	1/2	40,603	1/2	53,999	1/2	67,443	1/2	80,887	1/2	94,331	1/2	107,775	1/2	121,219
3/4	1,370	3/4	14,274	3/4	27,718	3/4	40,875	3/4	54,279	3/4	67,723	3/4	81,167	3/4	94,611	3/4	108,055	3/4	121,499
4	1,533	4	14,554	4	27,998	4	41,147	4	54,560	4	68,003	4	81,447	4	94,891	4	108,335	4	121,779
1/4	1,743	1/4	14,834	1/4	28,278	1/4	41,419	1/4	54,840	1/4	68,284	1/4	81,728	1/4	95,172	1/4	108,616	1/4	122,060
1/2	1,953	1/2	15,114	1/2	28,558	1/2	41,691	1/2	55,120	1/2	68,564	1/2	82,008	1/2	95,452	1/2	108,896	1/2	122,340
3/4	2,163	3/4	15,394	3/4	28,838	3/4	41,964	3/4	55,400	3/4	68,844	3/4	82,288	3/4	95,732	3/4	109,176	3/4	122,620
5	2,373	5	15,675	5	29,118	5	42,236	5	55,680	5	69,124	5	82,568	5	96,012	5	109,456	5	122,900
1/4	2,629	1/4	15,955	1/4	29,398	1/4	42,516	1/4	55,960	1/4	69,404	1/4	82,848	1/4	96,292	1/4	109,736	1/4	123,180
1/2	2,885	1/2	16,235	1/2	29,678	1/2	42,796	1/2	56,240	1/2	69,684	1/2	83,128	1/2	96,572	1/2	110,016	1/2	123,460
3/4	3,141	3/4	16,515	3/4	29,958	3/4	43,076	3/4	56,520	3/4	69,964	3/4	83,408	3/4	96,852	3/4	110,296	3/4	123,740
6	3,397	6	16,795	6	30,238	6	43,356	6	56,800	6	70,244	6	83,688	6	97,132	6	110,576	6	124,020
1/4	3,672	1/4	17,075	1/4	30,518	1/4	43,636	1/4	57,080	1/4	70,524	1/4	83,968	1/4	97,412	1/4	110,856	1/4	124,300
1/2	3,946	1/2	17,355	1/2	30,799	1/2	43,916	1/2	57,360	1/2	70,804	1/2	84,248	1/2	97,692	1/2	111,136	1/2	124,580
3/4	4,221	3/4	17,635	3/4	31,079	3/4	44,196	3/4	57,640	3/4	71,084	3/4	84,528	3/4	97,972	3/4	111,416	3/4	124,860
7	4,495	7	17,915	7	31,359	7	44,477	7	57,921	7	71,364	7	84,808	7	98,252	7	111,696	7	125,140
1/4	4,772	1/4	18,195	1/4	31,631	1/4	44,757	1/4	58,201	1/4	71,645	1/4	85,089	1/4	98,533	1/4	111,977	1/4	125,421
1/2	5,049	1/2	18,475	1/2	31,903	1/2	45,037	1/2	58,481	1/2	71,925	1/2	85,369	1/2	98,813	1/2	112,257	1/2	125,701
3/4	5,326	3/4	18,755	3/4	32,175	3/4	45,317	3/4	58,761	3/4	72,205	3/4	85,649	3/4	99,093	3/4	112,537	3/4	125,981
8	5,603	8	19,035	8	32,448	8	45,597	8	59,041	8	72,485	8	85,929	8	99,373	8	112,817	8	126,261
1/4	5,881	1/4	19,315	1/4	32,719	1/4	45,877	1/4	59,321	1/4	72,765	1/4	86,209	1/4	99,653	1/4	113,097	1/4	126,541
1/2	6,160	1/2	19,596	1/2	32,991	1/2	46,157	1/2	59,601	1/2	73,045	1/2	86,489	1/2	99,933	1/2	113,377	1/2	126,821
3/4	6,438	3/4	19,876	3/4	33,263	3/4	46,437	3/4	59,881	3/4	73,325	3/4	86,769	3/4	100,213	3/4	113,657	3/4	127,101
9	6,716	9	20,156	9	33,535	9	46,717	9	60,161	9	73,605	9	87,049	9	100,493	9	113,937	9	127,381
1/4	6,996	1/4	20,436	1/4	33,807	1/4	46,997	1/4	60,441	1/4	73,885	1/4	87,329	1/4	100,773	1/4	114,217	1/4	127,661
1/2	7,275	1/2	20,716	1/2	34,079	1/2	47,277	1/2	60,721	1/2	74,165	1/2	87,609	1/2	101,053	1/2	114,497	1/2	127,941
3/4	7,554	3/4	20,996	3/4	34,351	3/4	47,557	3/4	61,001	3/4	74,445	3/4	87,889	3/4	101,333	3/4	114,777	3/4	128,221
10	7,834	10	21,276	10	34,622	10	47,838	10	61,281	10	74,725	10	88,169	10	101,613	10	115,057	10	128,501
1/4	8,113	1/4	21,556	1/4	34,894	1/4	48,118	1/4	61,562	1/4	75,006	1/4	88,450	1/4	101,894	1/4	115,338	1/4	128,782
1/2	8,393	1/2	21,836	1/2	35,166	1/2	48,398	1/2	61,842	1/2	75,286	1/2	88,730	1/2	102,174	1/2	115,618	1/2	129,062
3/4	8,673	3/4	22,116	3/4	35,438	3/4	48,678	3/4	62,122	3/4	75,566	3/4	89,010	3/4	102,454	3/4	115,898	3/4	129,342
11	8,953	11	22,396	11	35,710	11	48,958	11	62,402	11	75,846	11	89,290	11	102,734	11	116,178	11	129,622
1/4	9,233	1/4	22,676	1/4	35,982	1/4	49,238	1/4	62,682	1/4	76,126	1/4	89,570	1/4	103,014	1/4	116,458	1/4	129,902
1/2	9,513	1/2	22,956	1/2	36,254	1/2	49,518	1/2	62,962	1/2	76,406	1/2	89,850	1/2	103,294	1/2	116,738	1/2	130,182
3/4	9,793	3/4	23,237	3/4	36,525	3/4	49,798	3/4	63,242	3/4	76,686	3/4	90,130	3/4	103,574	3/4	117,018	3/4	130,462

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 1428"

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	130,742	0	144,186	0	157,630	0	171,074	0	184,518	0		0		0		0		0	
1/4	131,022	1/4	144,466	1/4	157,910	1/4	171,354	1/4	184,798	1/4		1/4		1/4		1/4		1/4	
1/2	131,302	1/2	144,746	1/2	158,190	1/2	171,634	1/2	185,078	1/2		1/2		1/2		1/2		1/2	
3/4	131,582	3/4	145,026	3/4	158,470	3/4	171,914	3/4	185,358	3/4		3/4		3/4		3/4		3/4	
1	131,862	1	145,306	1	158,750	1	172,194	1	185,638	1		1		1		1		1	
1/4	132,142	1/4	145,586	1/4	159,030	1/4	172,474	1/4	185,918	1/4		1/4		1/4		1/4		1/4	
1/2	132,423	1/2	145,867	1/2	159,311	1/2	172,755	1/2	186,199	1/2		1/2		1/2		1/2		1/2	
3/4	132,703	3/4	146,147	3/4	159,591	3/4	173,035	3/4	186,479	3/4		3/4		3/4		3/4		3/4	
2	132,983	2	146,427	2	159,871	2	173,315	2	186,759	2		2		2		2		2	
1/4	133,263	1/4	146,707	1/4	160,151	1/4	173,595	1/4	187,039	1/4		1/4		1/4		1/4		1/4	
1/2	133,543	1/2	146,987	1/2	160,431	1/2	173,875	1/2	187,319	1/2		1/2		1/2		1/2		1/2	
3/4	133,823	3/4	147,267	3/4	160,711	3/4	174,155	3/4	187,599	3/4		3/4		3/4		3/4		3/4	
3	134,103	3	147,547	3	160,991	3	174,435	3	187,879	3		3		3		3		3	
1/4	134,383	1/4	147,827	1/4	161,271	1/4	174,715	1/4	188,136	1/4		1/4		1/4		1/4		1/4	
1/2	134,663	1/2	148,107	1/2	161,551	1/2	174,995	1/2	188,392	1/2		1/2		1/2		1/2		1/2	
3/4	134,943	3/4	148,387	3/4	161,831	3/4	175,275	3/4	188,649	3/4		3/4		3/4		3/4		3/4	
4	135,223	4	148,667	4	162,111	4	175,555	4	188,906	4		4		4		4		4	
1/4	135,503	1/4	148,947	1/4	162,391	1/4	175,835	1/4	189,116	1/4		1/4		1/4		1/4		1/4	
1/2	135,784	1/2	149,228	1/2	162,672	1/2	176,116	1/2	189,326	1/2		1/2		1/2		1/2		1/2	
3/4	136,064	3/4	149,508	3/4	162,952	3/4	176,396	3/4	189,536	3/4		3/4		3/4		3/4		3/4	
5	136,344	5	149,788	5	163,232	5	176,676	5	189,746	5		5		5		5		5	
1/4	136,624	1/4	150,068	1/4	163,512	1/4	176,956	1/4	189,910	1/4		1/4		1/4		1/4		1/4	
1/2	136,904	1/2	150,348	1/2	163,792	1/2	177,236	1/2	190,073	1/2		1/2		1/2		1/2		1/2	
3/4	137,184	3/4	150,628	3/4	164,072	3/4	177,516	3/4	190,236	3/4		3/4		3/4		3/4		3/4	
6	137,464	6	150,908	6	164,352	6	177,796	6	190,400	6		6		6		6		6	
1/4	137,744	1/4	151,188	1/4	164,632	1/4	178,076	1/4	190,516	1/4		1/4		1/4		1/4		1/4	
1/2	138,024	1/2	151,468	1/2	164,912	1/2	178,356	1/2	190,633	1/2		1/2		1/2		1/2		1/2	
3/4	138,304	3/4	151,748	3/4	165,192	3/4	178,636	3/4	190,750	3/4		3/4		3/4		3/4		3/4	
7	138,584	7	152,028	7	165,472	7	178,916	7	190,867	7		7		7		7		7	
1/4	138,864	1/4	152,308	1/4	165,752	1/4	179,196	1/4	190,937	1/4		1/4		1/4		1/4		1/4	
1/2	139,145	1/2	152,589	1/2	166,033	1/2	179,477	1/2	191,007	1/2		1/2		1/2		1/2		1/2	
3/4	139,425	3/4	152,869	3/4	166,313	3/4	179,757	3/4	191,077	3/4		3/4		3/4		3/4		3/4	
8	139,705	8	153,149	8	166,593	8	180,037	8	191,147	8		8		8		8		8	
1/4	139,985	1/4	153,429	1/4	166,873	1/4	180,317	1/4	191,170	1/4		1/4		1/4		1/4		1/4	
1/2	140,265	1/2	153,709	1/2	167,153	1/2	180,597	1/2	191,193	1/2		1/2		1/2		1/2		1/2	
3/4	140,545	3/4	153,989	3/4	167,433	3/4	180,877	3/4		3/4		3/4		3/4		3/4		3/4	
9	140,825	9	154,269	9	167,713	9	181,157	9		9		9		9		9		9	
1/4	141,105	1/4	154,549	1/4	167,993	1/4	181,437	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141,385	1/2	154,829	1/2	168,273	1/2	181,717	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	141,665	3/4	155,109	3/4	168,553	3/4	181,997	3/4		3/4		3/4		3/4		3/4		3/4	
10	141,945	10	155,389	10	168,833	10	182,277	10		10		10		10		10		10	
1/4	142,225	1/4	155,669	1/4	169,113	1/4	182,557	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	142,506	1/2	155,950	1/2	169,394	1/2	182,838	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	142,786	3/4	156,230	3/4	169,674	3/4	183,118	3/4		3/4		3/4		3/4		3/4		3/4	
11	143,066	11	156,510	11	169,954	11	183,398	11		11		11		11		11		11	
1/4	143,346	1/4	156,790	1/4	170,234	1/4	183,678	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143,626	1/2	157,070	1/2	170,514	1/2	183,958	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	143,906	3/4	157,350	3/4	170,794	3/4	184,238	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021



BARGE "CBC 1428"

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	8,998	0	21,002	0	32,991	0	44,983	0	56,987	0	68,991	0	80,995	0	92,999	0	105,003
1/4	60	1/4	9,248	1/4	21,252	1/4	33,240	1/4	45,234	1/4	57,237	1/4	69,241	1/4	81,245	1/4	93,249	1/4	105,253
1/2	81	1/2	9,498	1/2	21,502	1/2	33,490	1/2	45,484	1/2	57,488	1/2	69,491	1/2	81,495	1/2	93,499	1/2	105,503
3/4	102	3/4	9,749	3/4	21,752	3/4	33,739	3/4	45,734	3/4	57,738	3/4	69,742	3/4	81,745	3/4	93,749	3/4	105,753
1	123	1	9,999	1	22,002	1	33,989	1	45,984	1	57,988	1	69,992	1	81,996	1	93,999	1	106,003
1/4	185	1/4	10,249	1/4	22,252	1/4	34,238	1/4	46,234	1/4	58,238	1/4	70,242	1/4	82,246	1/4	94,250	1/4	106,254
1/2	248	1/2	10,499	1/2	22,502	1/2	34,487	1/2	46,484	1/2	58,488	1/2	70,492	1/2	82,496	1/2	94,500	1/2	106,504
3/4	310	3/4	10,749	3/4	22,752	3/4	34,737	3/4	46,734	3/4	58,738	3/4	70,742	3/4	82,746	3/4	94,750	3/4	106,754
2	373	2	10,999	2	23,002	2	34,986	2	46,984	2	58,988	2	70,992	2	82,996	2	95,000	2	107,004
1/4	477	1/4	11,249	1/4	23,252	1/4	35,235	1/4	47,234	1/4	59,238	1/4	71,242	1/4	83,246	1/4	95,250	1/4	107,254
1/2	581	1/2	11,499	1/2	23,503	1/2	35,485	1/2	47,484	1/2	59,488	1/2	71,492	1/2	83,496	1/2	95,500	1/2	107,504
3/4	685	3/4	11,749	3/4	23,753	3/4	35,734	3/4	47,734	3/4	59,738	3/4	71,742	3/4	83,746	3/4	95,750	3/4	107,754
3	790	3	11,999	3	24,003	3	35,983	3	47,984	3	59,988	3	71,992	3	83,996	3	96,000	3	108,004
1/4	936	1/4	12,249	1/4	24,253	1/4	36,233	1/4	48,235	1/4	60,238	1/4	72,242	1/4	84,246	1/4	96,250	1/4	108,254
1/2	1,081	1/2	12,499	1/2	24,503	1/2	36,482	1/2	48,485	1/2	60,489	1/2	72,492	1/2	84,496	1/2	96,500	1/2	108,504
3/4	1,227	3/4	12,749	3/4	24,753	3/4	36,731	3/4	48,735	3/4	60,739	3/4	72,743	3/4	84,746	3/4	96,750	3/4	108,754
4	1,373	4	13,000	4	25,003	4	36,981	4	48,985	4	60,989	4	72,993	4	84,997	4	97,000	4	109,004
1/4	1,561	1/4	13,250	1/4	25,253	1/4	37,231	1/4	49,235	1/4	61,239	1/4	73,243	1/4	85,247	1/4	97,251	1/4	109,254
1/2	1,748	1/2	13,500	1/2	25,503	1/2	37,481	1/2	49,485	1/2	61,489	1/2	73,493	1/2	85,497	1/2	97,501	1/2	109,505
3/4	1,936	3/4	13,750	3/4	25,753	3/4	37,731	3/4	49,735	3/4	61,739	3/4	73,743	3/4	85,747	3/4	97,751	3/4	109,755
5	2,123	5	14,000	5	26,003	5	37,981	5	49,985	5	61,989	5	73,993	5	85,997	5	98,001	5	110,005
1/4	2,352	1/4	14,250	1/4	26,253	1/4	38,231	1/4	50,235	1/4	62,239	1/4	74,243	1/4	86,247	1/4	98,251	1/4	110,255
1/2	2,580	1/2	14,500	1/2	26,503	1/2	38,481	1/2	50,485	1/2	62,489	1/2	74,493	1/2	86,497	1/2	98,501	1/2	110,505
3/4	2,809	3/4	14,750	3/4	26,753	3/4	38,731	3/4	50,735	3/4	62,739	3/4	74,743	3/4	86,747	3/4	98,751	3/4	110,755
6	3,038	6	15,000	6	27,004	6	38,982	6	50,985	6	62,989	6	74,993	6	86,997	6	99,001	6	111,005
1/4	3,283	1/4	15,250	1/4	27,253	1/4	39,232	1/4	51,236	1/4	63,239	1/4	75,243	1/4	87,247	1/4	99,251	1/4	111,255
1/2	3,528	1/2	15,500	1/2	27,503	1/2	39,482	1/2	51,486	1/2	63,490	1/2	75,493	1/2	87,497	1/2	99,501	1/2	111,505
3/4	3,773	3/4	15,750	3/4	27,753	3/4	39,732	3/4	51,736	3/4	63,740	3/4	75,744	3/4	87,747	3/4	99,751	3/4	111,755
7	4,018	7	16,000	7	28,002	7	39,982	7	51,986	7	63,990	7	75,994	7	87,998	7	100,001	7	112,005
1/4	4,265	1/4	16,250	1/4	28,252	1/4	40,232	1/4	52,236	1/4	64,240	1/4	76,244	1/4	88,248	1/4	100,252	1/4	112,255
1/2	4,513	1/2	16,501	1/2	28,502	1/2	40,482	1/2	52,486	1/2	64,490	1/2	76,494	1/2	88,498	1/2	100,502	1/2	112,506
3/4	4,760	3/4	16,751	3/4	28,752	3/4	40,732	3/4	52,736	3/4	64,740	3/4	76,744	3/4	88,748	3/4	100,752	3/4	112,756
8	5,007	8	17,001	8	29,001	8	40,982	8	52,986	8	64,990	8	76,994	8	88,998	8	101,002	8	113,006
1/4	5,256	1/4	17,251	1/4	29,251	1/4	41,232	1/4	53,236	1/4	65,240	1/4	77,244	1/4	89,248	1/4	101,252	1/4	113,256
1/2	5,504	1/2	17,501	1/2	29,500	1/2	41,482	1/2	53,486	1/2	65,490	1/2	77,494	1/2	89,498	1/2	101,502	1/2	113,506
3/4	5,753	3/4	17,751	3/4	29,749	3/4	41,732	3/4	53,736	3/4	65,740	3/4	77,744	3/4	89,748	3/4	101,752	3/4	113,756
9	6,001	9	18,001	9	29,999	9	41,982	9	53,986	9	65,990	9	77,994	9	89,998	9	102,002	9	114,006
1/4	6,251	1/4	18,251	1/4	30,248	1/4	42,233	1/4	54,236	1/4	66,240	1/4	78,244	1/4	90,248	1/4	102,252	1/4	114,256
1/2	6,500	1/2	18,501	1/2	30,497	1/2	42,483	1/2	54,487	1/2	66,491	1/2	78,494	1/2	90,498	1/2	102,502	1/2	114,506
3/4	6,749	3/4	18,751	3/4	30,747	3/4	42,733	3/4	54,737	3/4	66,741	3/4	78,745	3/4	90,748	3/4	102,752	3/4	114,756
10	6,999	10	19,001	10	30,996	10	42,983	10	54,987	10	66,991	10	78,995	10	90,999	10	103,002	10	115,006
1/4	7,249	1/4	19,251	1/4	31,246	1/4	43,233	1/4	55,237	1/4	67,241	1/4	79,245	1/4	91,249	1/4	103,253	1/4	115,256
1/2	7,498	1/2	19,501	1/2	31,495	1/2	43,483	1/2	55,487	1/2	67,491	1/2	79,495	1/2	91,499	1/2	103,503	1/2	115,507
3/4	7,748	3/4	19,751	3/4	31,744	3/4	43,733	3/4	55,737	3/4	67,741	3/4	79,745	3/4	91,749	3/4	103,753	3/4	115,757
11	7,998	11	20,002	11	31,994	11	43,983	11	55,987	11	67,991	11	79,995	11	91,999	11	104,003	11	116,007
1/4	8,248	1/4	20,252	1/4	32,243	1/4	44,233	1/4	56,237	1/4	68,241	1/4	80,245	1/4	92,249	1/4	104,253	1/4	116,257
1/2	8,498	1/2	20,502	1/2	32,492	1/2	44,483	1/2	56,487	1/2	68,491	1/2	80,495	1/2	92,499	1/2	104,503	1/2	116,507
3/4	8,748	3/4	20,752	3/4	32,742	3/4	44,733	3/4	56,737	3/4	68,741	3/4	80,745	3/4	92,749	3/4	104,753	3/4	116,757

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 1428"

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	117,007	0	129,011	0	141,015	0	153,019	0	165,023	0		0		0		0		0	
1/4	117,257	1/4	129,261	1/4	141,265	1/4	153,269	1/4	165,273	1/4		1/4		1/4		1/4		1/4	
1/2	117,507	1/2	129,511	1/2	141,515	1/2	153,519	1/2	165,523	1/2		1/2		1/2		1/2		1/2	
3/4	117,757	3/4	129,761	3/4	141,765	3/4	153,769	3/4	165,773	3/4		3/4		3/4		3/4		3/4	
1	118,007	1	130,011	1	142,015	1	154,019	1	166,023	1		1		1		1		1	
1/4	118,257	1/4	130,261	1/4	142,265	1/4	154,269	1/4	166,273	1/4		1/4		1/4		1/4		1/4	
1/2	118,508	1/2	130,511	1/2	142,515	1/2	154,519	1/2	166,523	1/2		1/2		1/2		1/2		1/2	
3/4	118,758	3/4	130,762	3/4	142,765	3/4	154,769	3/4	166,773	3/4		3/4		3/4		3/4		3/4	
2	119,008	2	131,012	2	143,016	2	155,019	2	167,023	2		2		2		2		2	
1/4	119,258	1/4	131,262	1/4	143,266	1/4	155,270	1/4	167,273	1/4		1/4		1/4		1/4		1/4	
1/2	119,508	1/2	131,512	1/2	143,516	1/2	155,520	1/2	167,524	1/2		1/2		1/2		1/2		1/2	
3/4	119,758	3/4	131,762	3/4	143,766	3/4	155,770	3/4	167,774	3/4		3/4		3/4		3/4		3/4	
3	120,008	3	132,012	3	144,016	3	156,020	3	168,024	3		3		3		3		3	
1/4	120,258	1/4	132,262	1/4	144,266	1/4	156,270	1/4	168,253	1/4		1/4		1/4		1/4		1/4	
1/2	120,508	1/2	132,512	1/2	144,516	1/2	156,520	1/2	168,482	1/2		1/2		1/2		1/2		1/2	
3/4	120,758	3/4	132,762	3/4	144,766	3/4	156,770	3/4	168,711	3/4		3/4		3/4		3/4		3/4	
4	121,008	4	133,012	4	145,016	4	157,020	4	168,941	4		4		4		4		4	
1/4	121,258	1/4	133,262	1/4	145,266	1/4	157,270	1/4	169,128	1/4		1/4		1/4		1/4		1/4	
1/2	121,508	1/2	133,512	1/2	145,516	1/2	157,520	1/2	169,316	1/2		1/2		1/2		1/2		1/2	
3/4	121,759	3/4	133,763	3/4	145,766	3/4	157,770	3/4	169,503	3/4		3/4		3/4		3/4		3/4	
5	122,009	5	134,013	5	146,017	5	158,020	5	169,691	5		5		5		5		5	
1/4	122,259	1/4	134,263	1/4	146,267	1/4	158,271	1/4	169,837	1/4		1/4		1/4		1/4		1/4	
1/2	122,509	1/2	134,513	1/2	146,517	1/2	158,521	1/2	169,983	1/2		1/2		1/2		1/2		1/2	
3/4	122,759	3/4	134,763	3/4	146,767	3/4	158,771	3/4	170,129	3/4		3/4		3/4		3/4		3/4	
6	123,009	6	135,013	6	147,017	6	159,021	6	170,274	6		6		6		6		6	
1/4	123,259	1/4	135,263	1/4	147,267	1/4	159,271	1/4	170,379	1/4		1/4		1/4		1/4		1/4	
1/2	123,509	1/2	135,513	1/2	147,517	1/2	159,521	1/2	170,483	1/2		1/2		1/2		1/2		1/2	
3/4	123,759	3/4	135,763	3/4	147,767	3/4	159,771	3/4	170,587	3/4		3/4		3/4		3/4		3/4	
7	124,009	7	136,013	7	148,017	7	160,021	7	170,691	7		7		7		7		7	
1/4	124,259	1/4	136,263	1/4	148,267	1/4	160,271	1/4	170,754	1/4		1/4		1/4		1/4		1/4	
1/2	124,509	1/2	136,513	1/2	148,517	1/2	160,521	1/2	170,816	1/2		1/2		1/2		1/2		1/2	
3/4	124,760	3/4	136,763	3/4	148,767	3/4	160,771	3/4	170,879	3/4		3/4		3/4		3/4		3/4	
8	125,010	8	137,014	8	149,017	8	161,021	8	170,941	8		8		8		8		8	
1/4	125,260	1/4	137,264	1/4	149,268	1/4	161,272	1/4	170,962	1/4		1/4		1/4		1/4		1/4	
1/2	125,510	1/2	137,514	1/2	149,518	1/2	161,522	1/2	170,983	1/2		1/2		1/2		1/2		1/2	
3/4	125,760	3/4	137,764	3/4	149,768	3/4	161,772	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,010	9	138,014	9	150,018	9	162,022	9		9		9		9		9		9	
1/4	126,260	1/4	138,264	1/4	150,268	1/4	162,272	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,510	1/2	138,514	1/2	150,518	1/2	162,522	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,760	3/4	138,764	3/4	150,768	3/4	162,772	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,010	10	139,014	10	151,018	10	163,022	10		10		10		10		10		10	
1/4	127,260	1/4	139,264	1/4	151,268	1/4	163,272	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,510	1/2	139,514	1/2	151,518	1/2	163,522	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,761	3/4	139,764	3/4	151,768	3/4	163,772	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,011	11	140,015	11	152,018	11	164,022	11		11		11		11		11		11	
1/4	128,261	1/4	140,265	1/4	152,269	1/4	164,272	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,511	1/2	140,515	1/2	152,519	1/2	164,523	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,761	3/4	140,765	3/4	152,769	3/4	164,773	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021



BARGE "CBC 1428"

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: 180'-09"

February 22, 2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1428"

1 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	151,466	0	144,054	0	135,932	0	127,810	0	119,697	0	109,067	0	97,478	0	85,889
1/4		1/4		1/4	151,446	1/4	143,885	1/4	135,763	1/4	127,641	1/4	119,528	1/4	108,826	1/4	97,237	1/4	85,648
1/2		1/2		1/2	151,385	1/2	143,716	1/2	135,594	1/2	127,472	1/2	119,359	1/2	108,584	1/2	96,995	1/2	85,406
3/4		3/4		3/4	151,325	3/4	143,547	3/4	135,425	3/4	127,303	3/4	119,191	3/4	108,343	3/4	96,754	3/4	85,165
1		1		1	151,264	1	143,378	1	135,256	1	127,133	1	119,022	1	108,101	1	96,512	1	84,923
1/4		1/4		1/4	151,204	1/4	143,208	1/4	135,086	1/4	126,964	1/4	118,853	1/4	107,860	1/4	96,271	1/4	84,682
1/2		1/2		1/2	151,103	1/2	143,039	1/2	134,917	1/2	126,795	1/2	118,685	1/2	107,619	1/2	96,030	1/2	84,440
3/4		3/4		3/4	151,002	3/4	142,870	3/4	134,748	3/4	126,626	3/4	118,516	3/4	107,377	3/4	95,788	3/4	84,199
2		2		2	150,901	2	142,701	2	134,579	2	126,457	2	118,348	2	107,136	2	95,547	2	83,957
1/4		1/4		1/4	150,801	1/4	142,532	1/4	134,409	1/4	126,287	1/4	118,179	1/4	106,894	1/4	95,305	1/4	83,716
1/2		1/2		1/2	150,659	1/2	142,362	1/2	134,240	1/2	126,118	1/2	118,011	1/2	106,653	1/2	95,064	1/2	83,475
3/4		3/4		3/4	150,518	3/4	142,193	3/4	134,071	3/4	125,949	3/4	117,843	3/4	106,411	3/4	94,822	3/4	83,233
3		3		3	150,377	3	142,024	3	133,902	3	125,780	3	117,674	3	106,170	3	94,581	3	82,992
1/4		1/4		1/4	150,236	1/4	141,855	1/4	133,733	1/4	125,611	1/4	117,506	1/4	105,928	1/4	94,339	1/4	82,750
1/2		1/2		1/2	150,055	1/2	141,686	1/2	133,563	1/2	125,441	1/2	117,265	1/2	105,687	1/2	94,098	1/2	82,510
3/4		3/4		3/4	149,873	3/4	141,516	3/4	133,394	3/4	125,272	3/4	117,025	3/4	105,446	3/4	93,857	3/4	82,269
4		4		4	149,692	4	141,347	4	133,225	4	125,103	4	116,784	4	105,204	4	93,615	4	82,028
1/4		1/4		1/4	149,510	1/4	141,178	1/4	133,056	1/4	124,934	1/4	116,543	1/4	104,963	1/4	93,374	1/4	81,787
1/2		1/2		1/2	149,288	1/2	141,009	1/2	132,887	1/2	124,764	1/2	116,302	1/2	104,721	1/2	93,132	1/2	81,547
3/4		3/4		3/4	149,067	3/4	140,839	3/4	132,717	3/4	124,595	3/4	116,061	3/4	104,480	3/4	92,891	3/4	81,308
5		5		5	148,845	5	140,670	5	132,548	5	124,426	5	115,820	5	104,238	5	92,649	5	81,068
1/4		1/4		1/4	148,623	1/4	140,501	1/4	132,379	1/4	124,257	1/4	115,579	1/4	103,997	1/4	92,408	1/4	80,828
1/2		1/2		1/2	148,454	1/2	140,332	1/2	132,210	1/2	124,088	1/2	115,338	1/2	103,756	1/2	92,167	1/2	80,588
3/4		3/4		3/4	148,285	3/4	140,163	3/4	132,041	3/4	123,918	3/4	115,098	3/4	103,514	3/4	91,925	3/4	80,348
6		6		6	148,115	6	139,993	6	131,871	6	123,749	6	114,857	6	103,273	6	91,684	6	80,108
1/4		1/4		1/4	147,946	1/4	139,824	1/4	131,702	1/4	123,580	1/4	114,616	1/4	103,031	1/4	91,442	1/4	79,868
1/2		1/2		1/2	147,777	1/2	139,655	1/2	131,533	1/2	123,411	1/2	114,375	1/2	102,790	1/2	91,201	1/2	79,628
3/4		3/4		3/4	147,608	3/4	139,486	3/4	131,364	3/4	123,242	3/4	114,134	3/4	102,548	3/4	90,959	3/4	79,388
7		7		7	147,439	7	139,317	7	131,194	7	123,072	7	113,893	7	102,307	7	90,718	7	79,148
1/4		1/4		1/4	147,269	1/4	139,147	1/4	131,025	1/4	122,903	1/4	113,652	1/4	102,065	1/4	90,476	1/4	78,908
1/2		1/2		1/2	147,100	1/2	138,978	1/2	130,856	1/2	122,734	1/2	113,411	1/2	101,824	1/2	90,235	1/2	78,668
3/4		3/4		3/4	146,931	3/4	138,809	3/4	130,687	3/4	122,565	3/4	113,171	3/4	101,583	3/4	89,994	3/4	78,428
8		8		8	146,762	8	138,640	8	130,518	8	122,396	8	112,930	8	101,341	8	89,752	8	78,188
1/4		1/4		1/4	146,593	1/4	138,471	1/4	130,348	1/4	122,226	1/4	112,689	1/4	101,100	1/4	89,511	1/4	77,948
1/2		1/2		1/2	146,423	1/2	138,301	1/2	130,179	1/2	122,058	1/2	112,447	1/2	100,858	1/2	89,269	1/2	77,708
3/4		3/4		3/4	146,254	3/4	138,132	3/4	130,010	3/4	121,889	3/4	112,206	3/4	100,617	3/4	89,028	3/4	77,468
9		9		9	146,085	9	137,963	9	129,841	9	121,720	9	111,964	9	100,375	9	88,786	9	77,228
1/4		1/4		1/4	145,916	1/4	137,794	1/4	129,672	1/4	121,552	1/4	111,723	1/4	100,134	1/4	88,545	1/4	76,988
1/2		1/2		1/2	145,747	1/2	137,624	1/2	129,502	1/2	121,383	1/2	111,482	1/2	99,893	1/2	88,304	1/2	76,748
3/4		3/4		3/4	145,577	3/4	137,455	3/4	129,333	3/4	121,214	3/4	111,240	3/4	99,651	3/4	88,062	3/4	76,508
10		10		10	145,408	10	137,286	10	129,164	10	121,046	10	110,999	10	99,410	10	87,821	10	76,268
1/4		1/4		1/4	145,239	1/4	137,117	1/4	128,995	1/4	120,877	1/4	110,757	1/4	99,168	1/4	87,579	1/4	76,028
1/2		1/2		1/2	145,070	1/2	136,948	1/2	128,826	1/2	120,709	1/2	110,516	1/2	98,927	1/2	87,338	1/2	75,788
3/4		3/4		3/4	144,901	3/4	136,778	3/4	128,656	3/4	120,540	3/4	110,274	3/4	98,685	3/4	87,096	3/4	75,548
11		11		11	144,731	11	136,609	11	128,487	11	120,371	11	110,033	11	98,444	11	86,855	11	75,308
1/4		1/4		1/4	144,562	1/4	136,440	1/4	128,318	1/4	120,203	1/4	109,791	1/4	98,202	1/4	86,613	1/4	75,068
1/2		1/2		1/2	144,393	1/2	136,271	1/2	128,149	1/2	120,034	1/2	109,550	1/2	97,961	1/2	86,372	1/2	74,827
3/4		3/4		3/4	151,486	3/4	144,224	3/4	136,102	3/4	127,979	3/4	119,865	3/4	97,720	3/4	86,130	3/4	74,586

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 1428"

1 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	74,345	0	62,766	0	51,182	0	39,597	0	28,235	0	16,689	0	5,085	0		0		0	
1/4	74,105	1/4	62,525	1/4	50,940	1/4	39,356	1/4	28,001	1/4	16,447	1/4	4,844	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,864	1/2	62,283	1/2	50,699	1/2	39,114	1/2	27,766	1/2	16,205	1/2	4,605	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,623	3/4	62,042	3/4	50,458	3/4	38,873	3/4	27,532	3/4	15,963	3/4	4,366	3/4	3/4	3/4	3/4	3/4	3/4
1	73,382	1	61,801	1	50,216	1	38,632	1	27,297	1	15,721	1	4,127	1	1	1	1	1	1
1/4	73,142	1/4	61,559	1/4	49,975	1/4	38,390	1/4	27,062	1/4	15,479	1/4	3,887	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,901	1/2	61,318	1/2	49,734	1/2	38,149	1/2	26,828	1/2	15,238	1/2	3,650	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,660	3/4	61,077	3/4	49,492	3/4	37,908	3/4	26,593	3/4	14,996	3/4	3,413	3/4	3/4	3/4	3/4	3/4	3/4
2	72,419	2	60,835	2	49,251	2	37,666	2	26,359	2	14,754	2	3,176	2	2	2	2	2	2
1/4	72,179	1/4	60,594	1/4	49,009	1/4	37,425	1/4	26,124	1/4	14,512	1/4	2,939	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,937	1/2	60,353	1/2	48,768	1/2	37,184	1/2	25,882	1/2	14,270	1/2	2,718	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,696	3/4	60,111	3/4	48,527	3/4	36,942	3/4	25,640	3/4	14,028	3/4	2,497	3/4	3/4	3/4	3/4	3/4	3/4
3	71,454	3	59,870	3	48,285	3	36,701	3	25,398	3	13,786	3	2,276	3	3	3	3	3	3
1/4	71,213	1/4	59,629	1/4	48,044	1/4	36,460	1/4	25,157	1/4	13,544	1/4	2,055	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,972	1/2	59,387	1/2	47,803	1/2	36,218	1/2	24,915	1/2	13,302	1/2	1,873	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,730	3/4	59,146	3/4	47,561	3/4	35,977	3/4	24,673	3/4	13,060	3/4	1,692	3/4	3/4	3/4	3/4	3/4	3/4
4	70,489	4	58,905	4	47,320	4	35,736	4	24,431	4	12,818	4	1,510	4	4	4	4	4	4
1/4	70,248	1/4	58,663	1/4	47,079	1/4	35,494	1/4	24,189	1/4	12,576	1/4	1,329	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,006	1/2	58,422	1/2	46,837	1/2	35,260	1/2	23,947	1/2	12,334	1/2	1,188	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,765	3/4	58,181	3/4	46,596	3/4	35,026	3/4	23,705	3/4	12,093	3/4	1,047	3/4	3/4	3/4	3/4	3/4	3/4
5	69,524	5	57,939	5	46,355	5	34,792	5	23,463	5	11,851	5	906	5	5	5	5	5	5
1/4	69,282	1/4	57,698	1/4	46,113	1/4	34,558	1/4	23,221	1/4	11,609	1/4	765	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,041	1/2	57,457	1/2	45,872	1/2	34,323	1/2	22,979	1/2	11,367	1/2	664	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,800	3/4	57,215	3/4	45,631	3/4	34,089	3/4	22,737	3/4	11,125	3/4	563	3/4	3/4	3/4	3/4	3/4	3/4
6	68,558	6	56,974	6	45,389	6	33,855	6	22,495	6	10,883	6	462	6	6	6	6	6	6
1/4	68,317	1/4	56,733	1/4	45,148	1/4	33,621	1/4	22,253	1/4	10,641	1/4	361	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,076	1/2	56,491	1/2	44,907	1/2	33,387	1/2	22,012	1/2	10,399	1/2	301	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,834	3/4	56,250	3/4	44,665	3/4	33,152	3/4	21,770	3/4	10,157	3/4	240	3/4	3/4	3/4	3/4	3/4	3/4
7	67,593	7	56,008	7	44,424	7	32,918	7	21,528	7	9,915	7	180	7	7	7	7	7	7
1/4	67,352	1/4	55,767	1/4	44,183	1/4	32,684	1/4	21,286	1/4	9,673	1/4	120	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,110	1/2	55,526	1/2	43,941	1/2	32,450	1/2	21,044	1/2	9,431	1/2	99	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,869	3/4	55,284	3/4	43,700	3/4	32,216	3/4	20,802	3/4	9,189	3/4	79	3/4	3/4	3/4	3/4	3/4	3/4
8	66,628	8	55,043	8	43,459	8	31,982	8	20,560	8	8,947	8	59	8	8	8	8	8	8
1/4	66,386	1/4	54,802	1/4	43,217	1/4	31,747	1/4	20,318	1/4	8,706	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,145	1/2	54,560	1/2	42,976	1/2	31,513	1/2	20,076	1/2	8,464	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,904	3/4	54,319	3/4	42,735	3/4	31,279	3/4	19,834	3/4	8,222	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	65,662	9	54,078	9	42,493	9	31,045	9	19,592	9	7,980	9		9	9	9	9	9	9
1/4	65,421	1/4	53,836	1/4	42,252	1/4	30,811	1/4	19,350	1/4	7,738	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,180	1/2	53,595	1/2	42,011	1/2	30,577	1/2	19,108	1/2	7,496	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,938	3/4	53,354	3/4	41,769	3/4	30,342	3/4	18,866	3/4	7,255	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	64,697	10	53,112	10	41,528	10	30,108	10	18,625	10	7,013	10		10	10	10	10	10	10
1/4	64,456	1/4	52,871	1/4	41,286	1/4	29,874	1/4	18,383	1/4	6,771	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,214	1/2	52,630	1/2	41,045	1/2	29,640	1/2	18,141	1/2	6,530	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,973	3/4	52,388	3/4	40,804	3/4	29,406	3/4	17,899	3/4	6,289	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	63,731	11	52,147	11	40,562	11	29,172	11	17,657	11	6,047	11		11	11	11	11	11	11
1/4	63,490	1/4	51,906	1/4	40,321	1/4	28,937	1/4	17,415	1/4	5,806	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,249	1/2	51,664	1/2	40,080	1/2	28,703	1/2	17,173	1/2	5,566	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,007	3/4	51,423	3/4	39,838	3/4	28,469	3/4	16,931	3/4	5,325	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021



BARGE "CBC 1428"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	191,170	0	180,316	0	166,873	0	153,429	0	139,985	0	126,541	0	113,097	0	99,653		
1/4	1/4	1/4	1/4	1/4	191,146	1/4	180,036	1/4	166,592	1/4	153,148	1/4	139,704	1/4	126,260	1/4	112,816	1/4	99,373		
1/2	1/2	1/2	1/2	1/2	191,076	1/2	179,756	1/2	166,312	1/2	152,868	1/2	139,424	1/2	125,980	1/2	112,536	1/2	99,092		
3/4	3/4	3/4	3/4	3/4	191,006	3/4	179,476	3/4	166,032	3/4	152,588	3/4	139,144	3/4	125,700	3/4	112,256	3/4	98,812		
1	1	1	1	1	190,936	1	179,196	1	165,752	1	152,308	1	138,864	1	125,420	1	111,976	1	98,532		
1/4	1/4	1/4	1/4	1/4	190,866	1/4	178,916	1/4	165,472	1/4	152,028	1/4	138,584	1/4	125,140	1/4	111,696	1/4	98,252		
1/2	1/2	1/2	1/2	1/2	190,750	1/2	178,636	1/2	165,192	1/2	151,748	1/2	138,304	1/2	124,860	1/2	111,416	1/2	97,972		
3/4	3/4	3/4	3/4	3/4	190,633	3/4	178,356	3/4	164,912	3/4	151,468	3/4	138,024	3/4	124,580	3/4	111,136	3/4	97,692		
2	2	2	2	2	190,516	2	178,076	2	164,632	2	151,188	2	137,744	2	124,300	2	110,856	2	97,412		
1/4	1/4	1/4	1/4	1/4	190,399	1/4	177,796	1/4	164,352	1/4	150,908	1/4	137,464	1/4	124,020	1/4	110,576	1/4	97,132		
1/2	1/2	1/2	1/2	1/2	190,236	1/2	177,516	1/2	164,072	1/2	150,628	1/2	137,184	1/2	123,740	1/2	110,296	1/2	96,852		
3/4	3/4	3/4	3/4	3/4	190,073	3/4	177,236	3/4	163,792	3/4	150,348	3/4	136,904	3/4	123,460	3/4	110,016	3/4	96,572		
3	3	3	3	3	189,909	3	176,956	3	163,512	3	150,068	3	136,624	3	123,180	3	109,736	3	96,292		
1/4	1/4	1/4	1/4	1/4	189,746	1/4	176,675	1/4	163,231	1/4	149,787	1/4	136,343	1/4	122,899	1/4	109,455	1/4	96,012		
1/2	1/2	1/2	1/2	1/2	189,536	1/2	176,395	1/2	162,951	1/2	149,507	1/2	136,063	1/2	122,619	1/2	109,175	1/2	95,731		
3/4	3/4	3/4	3/4	3/4	189,326	3/4	176,115	3/4	162,671	3/4	149,227	3/4	135,783	3/4	122,339	3/4	108,895	3/4	95,451		
4	4	4	4	4	189,116	4	175,835	4	162,391	4	148,947	4	135,503	4	122,059	4	108,615	4	95,171		
1/4	1/4	1/4	1/4	1/4	188,906	1/4	175,555	1/4	162,111	1/4	148,667	1/4	135,223	1/4	121,779	1/4	108,335	1/4	94,891		
1/2	1/2	1/2	1/2	1/2	188,649	1/2	175,275	1/2	161,831	1/2	148,387	1/2	134,943	1/2	121,499	1/2	108,055	1/2	94,611		
3/4	3/4	3/4	3/4	3/4	188,392	3/4	174,995	3/4	161,551	3/4	148,107	3/4	134,663	3/4	121,219	3/4	107,775	3/4	94,331		
5	5	5	5	5	188,135	5	174,715	5	161,271	5	147,827	5	134,383	5	120,939	5	107,495	5	94,051		
1/4	1/4	1/4	1/4	1/4	187,879	1/4	174,435	1/4	160,991	1/4	147,547	1/4	134,103	1/4	120,659	1/4	107,215	1/4	93,771		
1/2	1/2	1/2	1/2	1/2	187,599	1/2	174,155	1/2	160,711	1/2	147,267	1/2	133,823	1/2	120,379	1/2	106,935	1/2	93,491		
3/4	3/4	3/4	3/4	3/4	187,319	3/4	173,875	3/4	160,431	3/4	146,987	3/4	133,543	3/4	120,099	3/4	106,655	3/4	93,211		
6	6	6	6	6	187,038	6	173,595	6	160,151	6	146,707	6	133,263	6	119,819	6	106,375	6	92,931		
1/4	1/4	1/4	1/4	1/4	186,758	1/4	173,314	1/4	159,870	1/4	146,426	1/4	132,982	1/4	119,538	1/4	106,095	1/4	92,651		
1/2	1/2	1/2	1/2	1/2	186,478	1/2	173,034	1/2	159,590	1/2	146,146	1/2	132,702	1/2	119,258	1/2	105,814	1/2	92,370		
3/4	3/4	3/4	3/4	3/4	186,198	3/4	172,754	3/4	159,310	3/4	145,866	3/4	132,422	3/4	118,978	3/4	105,534	3/4	92,090		
7	7	7	7	7	185,918	7	172,474	7	159,030	7	145,586	7	132,142	7	118,698	7	105,254	7	91,810		
1/4	1/4	1/4	1/4	1/4	185,638	1/4	172,194	1/4	158,750	1/4	145,306	1/4	131,862	1/4	118,418	1/4	104,974	1/4	91,530		
1/2	1/2	1/2	1/2	1/2	185,358	1/2	171,914	1/2	158,470	1/2	145,026	1/2	131,582	1/2	118,138	1/2	104,694	1/2	91,250		
3/4	3/4	3/4	3/4	3/4	185,078	3/4	171,634	3/4	158,190	3/4	144,746	3/4	131,302	3/4	117,858	3/4	104,414	3/4	90,970		
8	8	8	8	8	184,798	8	171,354	8	157,910	8	144,466	8	131,022	8	117,578	8	104,134	8	90,690		
1/4	1/4	1/4	1/4	1/4	184,518	1/4	171,074	1/4	157,630	1/4	144,186	1/4	130,742	1/4	117,298	1/4	103,854	1/4	90,410		
1/2	1/2	1/2	1/2	1/2	184,238	1/2	170,794	1/2	157,350	1/2	143,906	1/2	130,462	1/2	117,018	1/2	103,574	1/2	90,130		
3/4	3/4	3/4	3/4	3/4	183,958	3/4	170,514	3/4	157,070	3/4	143,626	3/4	130,182	3/4	116,738	3/4	103,294	3/4	89,850		
9	9	9	9	9	183,677	9	170,234	9	156,790	9	143,346	9	129,902	9	116,458	9	103,014	9	89,570		
1/4	1/4	1/4	1/4	1/4	183,397	1/4	169,953	1/4	156,509	1/4	143,065	1/4	129,621	1/4	116,177	1/4	102,734	1/4	89,290		
1/2	1/2	1/2	1/2	1/2	183,117	1/2	169,673	1/2	156,229	1/2	142,785	1/2	129,341	1/2	115,897	1/2	102,453	1/2	89,009		
3/4	3/4	3/4	3/4	3/4	182,837	3/4	169,393	3/4	155,949	3/4	142,505	3/4	129,061	3/4	115,617	3/4	102,173	3/4	88,729		
10	10	10	10	10	182,557	10	169,113	10	155,669	10	142,225	10	128,781	10	115,337	10	101,893	10	88,449		
1/4	1/4	1/4	1/4	1/4	182,277	1/4	168,833	1/4	155,389	1/4	141,945	1/4	128,501	1/4	115,057	1/4	101,613	1/4	88,169		
1/2	1/2	1/2	1/2	1/2	181,997	1/2	168,553	1/2	155,109	1/2	141,665	1/2	128,221	1/2	114,777	1/2	101,333	1/2	87,889		
3/4	3/4	3/4	3/4	3/4	181,717	3/4	168,273	3/4	154,829	3/4	141,385	3/4	127,941	3/4	114,497	3/4	101,053	3/4	87,609		
11	11	11	11	11	181,437	11	167,993	11	154,549	11	141,105	11	127,661	11	114,217	11	100,773	11	87,329		
1/4	1/4	1/4	1/4	1/4	181,157	1/4	167,713	1/4	154,269	1/4	140,825	1/4	127,381	1/4	113,937	1/4	100,493	1/4	87,049		
1/2	1/2	1/2	1/2	1/2	180,877	1/2	167,433	1/2	153,989	1/2	140,545	1/2	127,101	1/2	113,657	1/2	100,213	1/2	86,769		
3/4	3/4	3/4	3/4	3/4	191,193	3/4	180,597	3/4	167,153	3/4	153,709	3/4	140,265	3/4	126,821	3/4	113,377	3/4	99,933	3/4	86,489

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 1428"

2 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	86,209	0	72,765	0	59,321	0	45,877	0	32,719	0	19,315	0	5,881	0		0		0	
1/4	85,929	1/4	72,485	1/4	59,041	1/4	45,597	1/4	32,447	1/4	19,035	1/4	5,603	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,648	1/2	72,204	1/2	58,760	1/2	45,316	1/2	32,175	1/2	18,755	1/2	5,326	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,368	3/4	71,924	3/4	58,480	3/4	45,036	3/4	31,903	3/4	18,475	3/4	5,049	3/4	3/4	3/4	3/4	3/4	3/4
1	85,088	1	71,644	1	58,200	1	44,756	1	31,631	1	18,195	1	4,772	1	1	1	1	1	1
1/4	84,808	1/4	71,364	1/4	57,920	1/4	44,476	1/4	31,358	1/4	17,915	1/4	4,495	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,528	1/2	71,084	1/2	57,640	1/2	44,196	1/2	31,078	1/2	17,635	1/2	4,220	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,248	3/4	70,804	3/4	57,360	3/4	43,916	3/4	30,798	3/4	17,355	3/4	3,946	3/4	3/4	3/4	3/4	3/4	3/4
2	83,968	2	70,524	2	57,080	2	43,636	2	30,518	2	17,075	2	3,671	2	2	2	2	2	2
1/4	83,688	1/4	70,244	1/4	56,800	1/4	43,356	1/4	30,238	1/4	16,795	1/4	3,397	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,408	1/2	69,964	1/2	56,520	1/2	43,076	1/2	29,958	1/2	16,514	1/2	3,141	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,128	3/4	69,684	3/4	56,240	3/4	42,796	3/4	29,678	3/4	16,234	3/4	2,885	3/4	3/4	3/4	3/4	3/4	3/4
3	82,848	3	69,404	3	55,960	3	42,516	3	29,398	3	15,954	3	2,629	3	3	3	3	3	3
1/4	82,568	1/4	69,124	1/4	55,680	1/4	42,236	1/4	29,118	1/4	15,674	1/4	2,373	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,287	1/2	68,843	1/2	55,399	1/2	41,963	1/2	28,838	1/2	15,394	1/2	2,163	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,007	3/4	68,563	3/4	55,119	3/4	41,691	3/4	28,558	3/4	15,114	3/4	1,953	3/4	3/4	3/4	3/4	3/4	3/4
4	81,727	4	68,283	4	54,839	4	41,419	4	28,278	4	14,834	4	1,743	4	4	4	4	4	4
1/4	81,447	1/4	68,003	1/4	54,559	1/4	41,147	1/4	27,998	1/4	14,554	1/4	1,533	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,167	1/2	67,723	1/2	54,279	1/2	40,875	1/2	27,717	1/2	14,274	1/2	1,369	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,887	3/4	67,443	3/4	53,999	3/4	40,603	3/4	27,437	3/4	13,994	3/4	1,206	3/4	3/4	3/4	3/4	3/4	3/4
5	80,607	5	67,163	5	53,719	5	40,331	5	27,157	5	13,714	5	1,043	5	5	5	5	5	5
1/4	80,327	1/4	66,883	1/4	53,439	1/4	40,059	1/4	26,877	1/4	13,434	1/4	879	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,047	1/2	66,603	1/2	53,159	1/2	39,787	1/2	26,597	1/2	13,154	1/2	763	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,767	3/4	66,323	3/4	52,879	3/4	39,516	3/4	26,317	3/4	12,874	3/4	646	3/4	3/4	3/4	3/4	3/4	3/4
6	79,487	6	66,043	6	52,599	6	39,244	6	26,037	6	12,593	6	529	6	6	6	6	6	6
1/4	79,207	1/4	65,763	1/4	52,319	1/4	38,972	1/4	25,757	1/4	12,313	1/4	413	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,926	1/2	65,482	1/2	52,038	1/2	38,700	1/2	25,477	1/2	12,033	1/2	342	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,646	3/4	65,202	3/4	51,758	3/4	38,428	3/4	25,197	3/4	11,753	3/4	272	3/4	3/4	3/4	3/4	3/4	3/4
7	78,366	7	64,922	7	51,478	7	38,156	7	24,917	7	11,473	7	202	7	7	7	7	7	7
1/4	78,086	1/4	64,642	1/4	51,198	1/4	37,884	1/4	24,637	1/4	11,193	1/4	132	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,806	1/2	64,362	1/2	50,918	1/2	37,613	1/2	24,357	1/2	10,913	1/2	109	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,526	3/4	64,082	3/4	50,638	3/4	37,341	3/4	24,076	3/4	10,633	3/4	86	3/4	3/4	3/4	3/4	3/4	3/4
8	77,246	8	63,802	8	50,358	8	37,069	8	23,796	8	10,353	8	62	8	8	8	8	8	8
1/4	76,966	1/4	63,522	1/4	50,078	1/4	36,797	1/4	23,516	1/4	10,073	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,686	1/2	63,242	1/2	49,798	1/2	36,525	1/2	23,236	1/2	9,793	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,406	3/4	62,962	3/4	49,518	3/4	36,253	3/4	22,956	3/4	9,513	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	76,126	9	62,682	9	49,238	9	35,981	9	22,676	9	9,233	9		9	9	9	9	9	9
1/4	75,846	1/4	62,402	1/4	48,958	1/4	35,710	1/4	22,396	1/4	8,953	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,565	1/2	62,121	1/2	48,677	1/2	35,438	1/2	22,116	1/2	8,673	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,285	3/4	61,841	3/4	48,397	3/4	35,166	3/4	21,836	3/4	8,393	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	75,005	10	61,561	10	48,117	10	34,894	10	21,556	10	8,113	10		10	10	10	10	10	10
1/4	74,725	1/4	61,281	1/4	47,837	1/4	34,622	1/4	21,276	1/4	7,833	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,445	1/2	61,001	1/2	47,557	1/2	34,350	1/2	20,996	1/2	7,554	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,165	3/4	60,721	3/4	47,277	3/4	34,078	3/4	20,716	3/4	7,275	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	73,885	11	60,441	11	46,997	11	33,807	11	20,436	11	6,995	11		11	11	11	11	11	11
1/4	73,605	1/4	60,161	1/4	46,717	1/4	33,535	1/4	20,155	1/4	6,716	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,325	1/2	59,881	1/2	46,437	1/2	33,263	1/2	19,875	1/2	6,438	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,045	3/4	59,601	3/4	46,157	3/4	32,991	3/4	19,595	3/4	6,159	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021



BARGE "CBC 1428"

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	170,962	0	161,272	0	149,268	0	137,264	0	125,260	0	113,256	0	101,252	0	89,248
1/4		1/4		1/4	170,941	1/4	161,021	1/4	149,018	1/4	137,014	1/4	125,010	1/4	113,006	1/4	101,002	1/4	89,998
1/2		1/2		1/2	170,879	1/2	160,771	1/2	148,767	1/2	136,764	1/2	124,760	1/2	112,756	1/2	100,752	1/2	88,748
3/4		3/4		3/4	170,816	3/4	160,521	3/4	148,517	3/4	136,513	3/4	124,510	3/4	112,506	3/4	100,502	3/4	88,498
1		1		1	170,754	1	160,271	1	148,267	1	136,263	1	124,259	1	112,256	1	100,252	1	88,248
1/4		1/4		1/4	170,691	1/4	160,021	1/4	148,017	1/4	136,013	1/4	124,009	1/4	112,005	1/4	100,001	1/4	87,998
1/2		1/2		1/2	170,587	1/2	159,771	1/2	147,767	1/2	135,763	1/2	123,759	1/2	111,755	1/2	99,751	1/2	87,747
3/4		3/4		3/4	170,483	3/4	159,521	3/4	147,517	3/4	135,513	3/4	123,509	3/4	111,505	3/4	99,501	3/4	87,497
2		2		2	170,379	2	159,271	2	147,267	2	135,263	2	123,259	2	111,255	2	99,251	2	87,247
1/4		1/4		1/4	170,274	1/4	159,021	1/4	147,017	1/4	135,013	1/4	123,009	1/4	111,005	1/4	99,001	1/4	86,997
1/2		1/2		1/2	170,129	1/2	158,771	1/2	146,767	1/2	134,763	1/2	122,759	1/2	110,755	1/2	98,751	1/2	86,747
3/4		3/4		3/4	169,983	3/4	158,521	3/4	146,517	3/4	134,513	3/4	122,509	3/4	110,505	3/4	98,501	3/4	86,497
3		3		3	169,837	3	158,271	3	146,267	3	134,263	3	122,259	3	110,255	3	98,251	3	86,247
1/4		1/4		1/4	169,691	1/4	158,020	1/4	146,017	1/4	134,013	1/4	122,009	1/4	110,005	1/4	98,001	1/4	85,997
1/2		1/2		1/2	169,503	1/2	157,770	1/2	145,766	1/2	133,763	1/2	121,759	1/2	109,755	1/2	97,751	1/2	85,747
3/4		3/4		3/4	169,316	3/4	157,520	3/4	145,516	3/4	133,512	3/4	121,509	3/4	109,505	3/4	97,501	3/4	85,497
4		4		4	169,128	4	157,270	4	145,266	4	133,262	4	121,258	4	109,255	4	97,251	4	85,247
1/4		1/4		1/4	168,941	1/4	157,020	1/4	145,016	1/4	133,012	1/4	121,008	1/4	109,004	1/4	97,001	1/4	84,997
1/2		1/2		1/2	168,711	1/2	156,770	1/2	144,766	1/2	132,762	1/2	120,758	1/2	108,754	1/2	96,750	1/2	84,747
3/4		3/4		3/4	168,482	3/4	156,520	3/4	144,516	3/4	132,512	3/4	120,508	3/4	108,504	3/4	96,500	3/4	84,496
5		5		5	168,253	5	156,270	5	144,266	5	132,262	5	120,258	5	108,254	5	96,250	5	84,246
1/4		1/4		1/4	168,024	1/4	156,020	1/4	144,016	1/4	132,012	1/4	120,008	1/4	108,004	1/4	96,000	1/4	83,996
1/2		1/2		1/2	167,774	1/2	155,770	1/2	143,766	1/2	131,762	1/2	119,758	1/2	107,754	1/2	95,750	1/2	83,746
3/4		3/4		3/4	167,524	3/4	155,520	3/4	143,516	3/4	131,512	3/4	119,508	3/4	107,504	3/4	95,500	3/4	83,496
6		6		6	167,274	6	155,270	6	143,266	6	131,262	6	119,258	6	107,254	6	95,250	6	83,246
1/4		1/4		1/4	167,023	1/4	155,019	1/4	143,016	1/4	131,012	1/4	119,008	1/4	107,004	1/4	95,000	1/4	82,996
1/2		1/2		1/2	166,773	1/2	154,769	1/2	142,765	1/2	130,762	1/2	118,758	1/2	106,754	1/2	94,750	1/2	82,746
3/4		3/4		3/4	166,523	3/4	154,519	3/4	142,515	3/4	130,511	3/4	118,508	3/4	106,504	3/4	94,500	3/4	82,496
7		7		7	166,273	7	154,269	7	142,265	7	130,261	7	118,257	7	106,254	7	94,250	7	82,246
1/4		1/4		1/4	166,023	1/4	154,019	1/4	142,015	1/4	130,011	1/4	118,007	1/4	106,003	1/4	94,000	1/4	81,996
1/2		1/2		1/2	165,773	1/2	153,769	1/2	141,765	1/2	129,761	1/2	117,757	1/2	105,753	1/2	93,749	1/2	81,746
3/4		3/4		3/4	165,523	3/4	153,519	3/4	141,515	3/4	129,511	3/4	117,507	3/4	105,503	3/4	93,499	3/4	81,495
8		8		8	165,273	8	153,269	8	141,265	8	129,261	8	117,257	8	105,253	8	93,249	8	81,245
1/4		1/4		1/4	165,023	1/4	153,019	1/4	141,015	1/4	129,011	1/4	117,007	1/4	105,003	1/4	92,999	1/4	80,995
1/2		1/2		1/2	164,773	1/2	152,769	1/2	140,765	1/2	128,761	1/2	116,757	1/2	104,753	1/2	92,749	1/2	80,745
3/4		3/4		3/4	164,523	3/4	152,519	3/4	140,515	3/4	128,511	3/4	116,507	3/4	104,503	3/4	92,499	3/4	80,495
9		9		9	164,273	9	152,269	9	140,265	9	128,261	9	116,257	9	104,253	9	92,249	9	80,245
1/4		1/4		1/4	164,023	1/4	152,019	1/4	140,015	1/4	128,011	1/4	116,007	1/4	104,003	1/4	91,999	1/4	79,995
1/2		1/2		1/2	163,772	1/2	151,768	1/2	139,765	1/2	127,761	1/2	115,757	1/2	103,753	1/2	91,749	1/2	79,745
3/4		3/4		3/4	163,522	3/4	151,518	3/4	139,514	3/4	127,510	3/4	115,507	3/4	103,503	3/4	91,499	3/4	79,495
10		10		10	163,272	10	151,268	10	139,264	10	127,260	10	115,256	10	103,253	10	91,249	10	79,245
1/4		1/4		1/4	163,022	1/4	151,018	1/4	139,014	1/4	127,010	1/4	115,006	1/4	103,002	1/4	90,999	1/4	78,995
1/2		1/2		1/2	162,772	1/2	150,768	1/2	138,764	1/2	126,760	1/2	114,756	1/2	102,752	1/2	90,748	1/2	78,745
3/4		3/4		3/4	162,522	3/4	150,518	3/4	138,514	3/4	126,510	3/4	114,506	3/4	102,502	3/4	90,498	3/4	78,494
11		11		11	162,272	11	150,268	11	138,264	11	126,260	11	114,256	11	102,252	11	90,248	11	78,244
1/4		1/4		1/4	162,022	1/4	150,018	1/4	138,014	1/4	126,010	1/4	114,006	1/4	102,002	1/4	89,998	1/4	77,994
1/2		1/2		1/2	161,772	1/2	149,768	1/2	137,764	1/2	125,760	1/2	113,756	1/2	101,752	1/2	89,748	1/2	77,744
3/4		3/4		3/4	170,983	3/4	161,522	3/4	149,518	3/4	137,514	3/4	113,506	3/4	101,502	3/4	89,498	3/4	77,494

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 1428"

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	77,244	0	65,240	0	53,236	0	41,232	0	29,251	0	17,251	0	5,256	0		0		0	
1/4	76,994	1/4	64,990	1/4	52,986	1/4	40,982	1/4	29,001	1/4	17,001	1/4	5,007	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,744	1/2	64,740	1/2	52,736	1/2	40,732	1/2	28,752	1/2	16,751	1/2	4,760	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,494	3/4	64,490	3/4	52,486	3/4	40,482	3/4	28,502	3/4	16,501	3/4	4,513	3/4	3/4	3/4	3/4	3/4	3/4
1	76,244	1	64,240	1	52,236	1	40,232	1	28,252	1	16,250	1	4,265	1	1	1	1	1	1
1/4	75,994	1/4	63,990	1/4	51,986	1/4	39,982	1/4	28,002	1/4	16,000	1/4	4,018	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,744	1/2	63,740	1/2	51,736	1/2	39,732	1/2	27,753	1/2	15,750	1/2	3,773	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,493	3/4	63,490	3/4	51,486	3/4	39,482	3/4	27,503	3/4	15,500	3/4	3,528	3/4	3/4	3/4	3/4	3/4	3/4
2	75,243	2	63,239	2	51,236	2	39,232	2	27,253	2	15,250	2	3,283	2	2	2	2	2	2
1/4	74,993	1/4	62,989	1/4	50,985	1/4	38,982	1/4	27,004	1/4	15,000	1/4	3,038	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,743	1/2	62,739	1/2	50,735	1/2	38,731	1/2	26,754	1/2	14,750	1/2	2,809	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,493	3/4	62,489	3/4	50,485	3/4	38,481	3/4	26,503	3/4	14,500	3/4	2,581	3/4	3/4	3/4	3/4	3/4	3/4
3	74,243	3	62,239	3	50,235	3	38,231	3	26,253	3	14,250	3	2,352	3	3	3	3	3	3
1/4	73,993	1/4	61,989	1/4	49,985	1/4	37,981	1/4	26,003	1/4	14,000	1/4	2,123	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,743	1/2	61,739	1/2	49,735	1/2	37,731	1/2	25,753	1/2	13,750	1/2	1,936	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,493	3/4	61,489	3/4	49,485	3/4	37,481	3/4	25,503	3/4	13,500	3/4	1,748	3/4	3/4	3/4	3/4	3/4	3/4
4	73,243	4	61,239	4	49,235	4	37,231	4	25,253	4	13,250	4	1,561	4	4	4	4	4	4
1/4	72,993	1/4	60,989	1/4	48,985	1/4	36,981	1/4	25,003	1/4	13,000	1/4	1,373	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,743	1/2	60,739	1/2	48,735	1/2	36,732	1/2	24,753	1/2	12,749	1/2	1,227	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,493	3/4	60,489	3/4	48,485	3/4	36,482	3/4	24,503	3/4	12,499	3/4	1,081	3/4	3/4	3/4	3/4	3/4	3/4
5	72,242	5	60,238	5	48,235	5	36,233	5	24,253	5	12,249	5	936	5	5	5	5	5	5
1/4	71,992	1/4	59,988	1/4	47,984	1/4	35,983	1/4	24,003	1/4	11,999	1/4	790	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,742	1/2	59,738	1/2	47,734	1/2	35,734	1/2	23,753	1/2	11,749	1/2	685	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,492	3/4	59,488	3/4	47,484	3/4	35,485	3/4	23,503	3/4	11,499	3/4	581	3/4	3/4	3/4	3/4	3/4	3/4
6	71,242	6	59,238	6	47,234	6	35,235	6	23,253	6	11,249	6	477	6	6	6	6	6	6
1/4	70,992	1/4	58,988	1/4	46,984	1/4	34,986	1/4	23,002	1/4	10,999	1/4	373	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,742	1/2	58,738	1/2	46,734	1/2	34,737	1/2	22,752	1/2	10,749	1/2	310	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,492	3/4	58,488	3/4	46,484	3/4	34,487	3/4	22,502	3/4	10,499	3/4	248	3/4	3/4	3/4	3/4	3/4	3/4
7	70,242	7	58,238	7	46,234	7	34,238	7	22,252	7	10,249	7	185	7	7	7	7	7	7
1/4	69,992	1/4	57,988	1/4	45,984	1/4	33,989	1/4	22,002	1/4	9,999	1/4	123	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,742	1/2	57,738	1/2	45,734	1/2	33,739	1/2	21,752	1/2	9,749	1/2	102	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,492	3/4	57,488	3/4	45,484	3/4	33,490	3/4	21,502	3/4	9,499	3/4	81	3/4	3/4	3/4	3/4	3/4	3/4
8	69,241	8	57,238	8	45,234	8	33,240	8	21,252	8	9,248	8	60	8	8	8	8	8	8
1/4	68,991	1/4	56,987	1/4	44,984	1/4	32,991	1/4	21,002	1/4	8,998	1/4	40	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,741	1/2	56,737	1/2	44,733	1/2	32,742	1/2	20,752	1/2	8,748	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,491	3/4	56,487	3/4	44,483	3/4	32,492	3/4	20,502	3/4	8,498	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	68,241	9	56,237	9	44,233	9	32,243	9	20,252	9	8,248	9		9	9	9	9	9	9
1/4	67,991	1/4	55,987	1/4	43,983	1/4	31,994	1/4	20,002	1/4	7,998	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,741	1/2	55,737	1/2	43,733	1/2	31,744	1/2	19,752	1/2	7,748	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,491	3/4	55,487	3/4	43,483	3/4	31,495	3/4	19,501	3/4	7,498	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,241	10	55,237	10	43,233	10	31,246	10	19,251	10	7,249	10		10	10	10	10	10	10
1/4	66,991	1/4	54,987	1/4	42,983	1/4	30,996	1/4	19,001	1/4	6,999	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,741	1/2	54,737	1/2	42,733	1/2	30,747	1/2	18,751	1/2	6,749	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,491	3/4	54,487	3/4	42,483	3/4	30,498	3/4	18,501	3/4	6,500	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,240	11	54,237	11	42,233	11	30,248	11	18,251	11	6,251	11		11	11	11	11	11	11
1/4	65,990	1/4	53,986	1/4	41,983	1/4	29,999	1/4	18,001	1/4	6,001	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,740	1/2	53,736	1/2	41,732	1/2	29,749	1/2	17,751	1/2	5,753	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,490	3/4	53,486	3/4	41,482	3/4	29,500	3/4	17,501	3/4	5,504	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2021 JS
CALCULATED: 02/23/2021 CL
PRINTED: 02/23/2021 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2021