



BARGE "CBC 1422"

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	00-1/4	- 00-1/4	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: 181'-09"

March 4, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1422"

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	151,369	0	143,962	0	135,845	0	127,728	0	119,620	0	108,997	0	97,416	0	85,834
1/4		1/4		1/4	151,349	1/4	143,793	1/4	135,676	1/4	127,559	1/4	119,452	1/4	108,756	1/4	97,175	1/4	85,593
1/2		1/2		1/2	151,288	1/2	143,624	1/2	135,507	1/2	127,390	1/2	119,283	1/2	108,515	1/2	96,933	1/2	85,352
3/4		3/4		3/4	151,228	3/4	143,455	3/4	135,338	3/4	127,221	3/4	119,114	3/4	108,274	3/4	96,692	3/4	85,110
1		1		1	151,167	1	143,286	1	135,169	1	127,052	1	118,946	1	108,032	1	96,451	1	84,869
1/4		1/4		1/4	151,107	1/4	143,117	1/4	135,000	1/4	126,883	1/4	118,777	1/4	107,791	1/4	96,209	1/4	84,628
1/2		1/2		1/2	151,006	1/2	142,948	1/2	134,831	1/2	126,714	1/2	118,609	1/2	107,550	1/2	95,968	1/2	84,386
3/4		3/4		3/4	150,905	3/4	142,778	3/4	134,662	3/4	126,545	3/4	118,440	3/4	107,308	3/4	95,727	3/4	84,145
2		2		2	150,805	2	142,609	2	134,493	2	126,376	2	118,272	2	107,067	2	95,486	2	83,904
1/4		1/4		1/4	150,704	1/4	142,440	1/4	134,323	1/4	126,207	1/4	118,103	1/4	106,826	1/4	95,244	1/4	83,662
1/2		1/2		1/2	150,563	1/2	142,271	1/2	134,154	1/2	126,037	1/2	117,935	1/2	106,585	1/2	95,003	1/2	83,421
3/4		3/4		3/4	150,422	3/4	142,102	3/4	133,985	3/4	125,868	3/4	117,767	3/4	106,343	3/4	94,762	3/4	83,180
3		3		3	150,281	3	141,933	3	133,816	3	125,699	3	117,599	3	106,102	3	94,520	3	82,939
1/4		1/4		1/4	150,140	1/4	141,764	1/4	133,647	1/4	125,530	1/4	117,431	1/4	105,861	1/4	94,279	1/4	82,697
1/2		1/2		1/2	149,958	1/2	141,595	1/2	133,478	1/2	125,361	1/2	117,190	1/2	105,619	1/2	94,038	1/2	82,457
3/4		3/4		3/4	149,777	3/4	141,426	3/4	133,309	3/4	125,192	3/4	116,950	3/4	105,378	3/4	93,797	3/4	82,216
4		4		4	149,596	4	141,257	4	133,140	4	125,023	4	116,709	4	105,137	4	93,555	4	81,976
1/4		1/4		1/4	149,414	1/4	141,087	1/4	132,971	1/4	124,854	1/4	116,468	1/4	104,896	1/4	93,314	1/4	81,735
1/2		1/2		1/2	149,193	1/2	140,918	1/2	132,802	1/2	124,685	1/2	116,227	1/2	104,654	1/2	93,073	1/2	81,495
3/4		3/4		3/4	148,971	3/4	140,749	3/4	132,632	3/4	124,516	3/4	115,987	3/4	104,413	3/4	92,831	3/4	81,255
5		5		5	148,750	5	140,580	5	132,463	5	124,346	5	115,746	5	104,172	5	92,590	5	81,016
1/4		1/4		1/4	148,528	1/4	140,411	1/4	132,294	1/4	124,177	1/4	115,505	1/4	103,930	1/4	92,349	1/4	80,776
1/2		1/2		1/2	148,359	1/2	140,242	1/2	132,125	1/2	124,008	1/2	115,265	1/2	103,689	1/2	92,108	1/2	80,536
3/4		3/4		3/4	148,190	3/4	140,073	3/4	131,956	3/4	123,839	3/4	115,024	3/4	103,448	3/4	91,866	3/4	80,296
6		6		6	148,021	6	139,904	6	131,787	6	123,670	6	114,783	6	103,207	6	91,625	6	80,056
1/4		1/4		1/4	147,852	1/4	139,735	1/4	131,618	1/4	123,501	1/4	114,542	1/4	102,965	1/4	91,384	1/4	79,816
1/2		1/2		1/2	147,682	1/2	139,566	1/2	131,449	1/2	123,332	1/2	114,302	1/2	102,724	1/2	91,142	1/2	79,577
3/4		3/4		3/4	147,513	3/4	139,396	3/4	131,280	3/4	123,163	3/4	114,061	3/4	102,483	3/4	90,901	3/4	79,337
7		7		7	147,344	7	139,227	7	131,110	7	122,994	7	113,820	7	102,241	7	90,660	7	79,097
1/4		1/4		1/4	147,175	1/4	139,058	1/4	130,941	1/4	122,825	1/4	113,580	1/4	102,000	1/4	90,419	1/4	78,857
1/2		1/2		1/2	147,006	1/2	138,889	1/2	130,772	1/2	122,655	1/2	113,339	1/2	101,759	1/2	90,177	1/2	78,617
3/4		3/4		3/4	146,837	3/4	138,720	3/4	130,603	3/4	122,486	3/4	113,098	3/4	101,518	3/4	89,936	3/4	78,377
8		8		8	146,668	8	138,551	8	130,434	8	122,317	8	112,857	8	101,276	8	89,695	8	78,138
1/4		1/4		1/4	146,499	1/4	138,382	1/4	130,265	1/4	122,148	1/4	112,617	1/4	101,035	1/4	89,453	1/4	77,898
1/2		1/2		1/2	146,330	1/2	138,213	1/2	130,096	1/2	121,980	1/2	112,375	1/2	100,794	1/2	89,212	1/2	77,658
3/4		3/4		3/4	146,161	3/4	138,044	3/4	129,927	3/4	121,811	3/4	112,134	3/4	100,552	3/4	88,971	3/4	77,418
9		9		9	145,991	9	137,875	9	129,758	9	121,643	9	111,893	9	100,311	9	88,730	9	77,178
1/4		1/4		1/4	145,822	1/4	137,705	1/4	129,589	1/4	121,474	1/4	111,651	1/4	100,070	1/4	88,488	1/4	76,938
1/2		1/2		1/2	145,653	1/2	137,536	1/2	129,419	1/2	121,305	1/2	111,410	1/2	99,829	1/2	88,247	1/2	76,698
3/4		3/4		3/4	145,484	3/4	137,367	3/4	129,250	3/4	121,137	3/4	111,169	3/4	99,587	3/4	88,006	3/4	76,459
10		10		10	145,315	10	137,198	10	129,081	10	120,968	10	110,928	10	99,346	10	87,764	10	76,219
1/4		1/4		1/4	145,146	1/4	137,029	1/4	128,912	1/4	120,800	1/4	110,686	1/4	99,105	1/4	87,523	1/4	75,979
1/2		1/2		1/2	144,977	1/2	136,860	1/2	128,743	1/2	120,631	1/2	110,445	1/2	98,863	1/2	87,282	1/2	75,739
3/4		3/4		3/4	144,808	3/4	136,691	3/4	128,574	3/4	120,463	3/4	110,204	3/4	98,622	3/4	87,041	3/4	75,499
11		11		11	144,639	11	136,522	11	128,405	11	120,294	11	109,963	11	98,381	11	86,799	11	75,259
1/4		1/4		1/4	144,470	1/4	136,353	1/4	128,236	1/4	120,126	1/4	109,721	1/4	98,140	1/4	86,558	1/4	75,020
1/2		1/2		1/2	144,300	1/2	136,184	1/2	128,067	1/2	119,957	1/2	109,480	1/2	97,898	1/2	86,317	1/2	74,779
3/4		3/4		3/4	151,389	3/4	144,131	3/4	136,014	3/4	127,898	3/4	119,789	3/4	109,239	3/4	97,657	3/4	74,538

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
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BARGE "CBC 1422"

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	74,298	0	62,726	0	51,149	0	39,572	0	28,217	0	16,679	0	5,082	0		0		0	
1/4	74,057	1/4	62,485	1/4	50,908	1/4	39,331	1/4	27,983	1/4	16,437	1/4	4,841	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,817	1/2	62,244	1/2	50,667	1/2	39,089	1/2	27,748	1/2	16,195	1/2	4,602	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,576	3/4	62,002	3/4	50,425	3/4	38,848	3/4	27,514	3/4	15,953	3/4	4,363	3/4	3/4	3/4	3/4	3/4	3/4
1	73,335	1	61,761	1	50,184	1	38,607	1	27,280	1	15,711	1	4,124	1	1	1	1	1	1
1/4	73,095	1/4	61,520	1/4	49,943	1/4	38,366	1/4	27,045	1/4	15,470	1/4	3,885	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,854	1/2	61,279	1/2	49,702	1/2	38,125	1/2	26,811	1/2	15,228	1/2	3,648	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,614	3/4	61,038	3/4	49,461	3/4	37,883	3/4	26,576	3/4	14,986	3/4	3,411	3/4	3/4	3/4	3/4	3/4	3/4
2	72,373	2	60,796	2	49,219	2	37,642	2	26,342	2	14,744	2	3,174	2	2	2	2	2	2
1/4	72,132	1/4	60,555	1/4	48,978	1/4	37,401	1/4	26,108	1/4	14,503	1/4	2,937	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,891	1/2	60,314	1/2	48,737	1/2	37,160	1/2	25,866	1/2	14,261	1/2	2,716	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,650	3/4	60,073	3/4	48,496	3/4	36,919	3/4	25,624	3/4	14,019	3/4	2,495	3/4	3/4	3/4	3/4	3/4	3/4
3	71,409	3	59,832	3	48,255	3	36,678	3	25,382	3	13,777	3	2,274	3	3	3	3	3	3
1/4	71,168	1/4	59,591	1/4	48,013	1/4	36,436	1/4	25,141	1/4	13,536	1/4	2,053	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,926	1/2	59,349	1/2	47,772	1/2	36,195	1/2	24,899	1/2	13,294	1/2	1,872	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,685	3/4	59,108	3/4	47,531	3/4	35,954	3/4	24,657	3/4	13,052	3/4	1,691	3/4	3/4	3/4	3/4	3/4	3/4
4	70,444	4	58,867	4	47,290	4	35,713	4	24,415	4	12,810	4	1,510	4	4	4	4	4	4
1/4	70,203	1/4	58,626	1/4	47,049	1/4	35,472	1/4	24,173	1/4	12,568	1/4	1,328	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,962	1/2	58,385	1/2	46,807	1/2	35,238	1/2	23,932	1/2	12,327	1/2	1,187	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,720	3/4	58,143	3/4	46,566	3/4	35,004	3/4	23,690	3/4	12,085	3/4	1,046	3/4	3/4	3/4	3/4	3/4	3/4
5	69,479	5	57,902	5	46,325	5	34,769	5	23,448	5	11,843	5	905	5	5	5	5	5	5
1/4	69,238	1/4	57,661	1/4	46,084	1/4	34,535	1/4	23,206	1/4	11,601	1/4	764	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,997	1/2	57,420	1/2	45,843	1/2	34,301	1/2	22,965	1/2	11,360	1/2	664	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,756	3/4	57,179	3/4	45,602	3/4	34,067	3/4	22,723	3/4	11,118	3/4	563	3/4	3/4	3/4	3/4	3/4	3/4
6	68,515	6	56,937	6	45,360	6	33,833	6	22,481	6	10,876	6	462	6	6	6	6	6	6
1/4	68,273	1/4	56,696	1/4	45,119	1/4	33,599	1/4	22,239	1/4	10,634	1/4	361	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,032	1/2	56,455	1/2	44,878	1/2	33,365	1/2	21,998	1/2	10,392	1/2	301	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,791	3/4	56,214	3/4	44,637	3/4	33,131	3/4	21,756	3/4	10,151	3/4	240	3/4	3/4	3/4	3/4	3/4	3/4
7	67,550	7	55,973	7	44,396	7	32,897	7	21,514	7	9,909	7	180	7	7	7	7	7	7
1/4	67,309	1/4	55,731	1/4	44,154	1/4	32,663	1/4	21,272	1/4	9,667	1/4	120	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,067	1/2	55,490	1/2	43,913	1/2	32,429	1/2	21,030	1/2	9,425	1/2	99	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,826	3/4	55,249	3/4	43,672	3/4	32,195	3/4	20,789	3/4	9,184	3/4	79	3/4	3/4	3/4	3/4	3/4	3/4
8	66,585	8	55,008	8	43,431	8	31,961	8	20,547	8	8,942	8	59	8	8	8	8	8	8
1/4	66,344	1/4	54,767	1/4	43,190	1/4	31,727	1/4	20,305	1/4	8,700	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,103	1/2	54,526	1/2	42,948	1/2	31,493	1/2	20,063	1/2	8,458	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,861	3/4	54,284	3/4	42,707	3/4	31,259	3/4	19,822	3/4	8,217	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	65,620	9	54,043	9	42,466	9	31,025	9	19,580	9	7,975	9		9	9	9	9	9	9
1/4	65,379	1/4	53,802	1/4	42,225	1/4	30,791	1/4	19,338	1/4	7,733	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,138	1/2	53,561	1/2	41,984	1/2	30,557	1/2	19,096	1/2	7,492	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,897	3/4	53,320	3/4	41,742	3/4	30,323	3/4	18,854	3/4	7,250	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	64,655	10	53,078	10	41,501	10	30,089	10	18,613	10	7,008	10		10	10	10	10	10	10
1/4	64,414	1/4	52,837	1/4	41,260	1/4	29,855	1/4	18,371	1/4	6,767	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,173	1/2	52,596	1/2	41,019	1/2	29,621	1/2	18,129	1/2	6,526	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,932	3/4	52,355	3/4	40,778	3/4	29,387	3/4	17,887	3/4	6,285	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	63,691	11	52,114	11	40,537	11	29,153	11	17,646	11	6,044	11		11	11	11	11	11	11
1/4	63,450	1/4	51,872	1/4	40,295	1/4	28,919	1/4	17,404	1/4	5,803	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,208	1/2	51,631	1/2	40,054	1/2	28,685	1/2	17,162	1/2	5,562	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,967	3/4	51,390	3/4	39,813	3/4	28,451	3/4	16,920	3/4	5,322	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/4/2020 SW
CALCULATED: 03/05/2020 CL
PRINTED: 03/06/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020



BARGE "CBC 1422"

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	190,761	0	179,674	0	166,257	0	152,840	0	139,423	0	126,006	0	112,589	0	99,172
1/4		1/4		1/4	190,692	1/4	179,394	1/4	165,977	1/4	152,560	1/4	139,144	1/4	125,727	1/4	112,310	1/4	98,893
1/2		1/2		1/2	190,622	1/2	179,115	1/2	165,698	1/2	152,281	1/2	138,864	1/2	125,447	1/2	112,030	1/2	98,613
3/4		3/4		3/4	190,552	3/4	178,835	3/4	165,418	3/4	152,001	3/4	138,585	3/4	125,168	3/4	111,751	3/4	98,334
1		1		1	190,482	1	178,556	1	165,139	1	151,722	1	138,305	1	124,888	1	111,471	1	98,054
1/4		1/4		1/4	190,365	1/4	178,276	1/4	164,859	1/4	151,442	1/4	138,026	1/4	124,609	1/4	111,192	1/4	97,775
1/2		1/2		1/2	190,249	1/2	177,997	1/2	164,580	1/2	151,163	1/2	137,746	1/2	124,329	1/2	110,912	1/2	97,495
3/4		3/4		3/4	190,133	3/4	177,717	3/4	164,300	3/4	150,883	3/4	137,466	3/4	124,050	3/4	110,633	3/4	97,216
2		2		2	190,016	2	177,438	2	164,021	2	150,604	2	137,187	2	123,770	2	110,353	2	96,936
1/4		1/4		1/4	189,853	1/4	177,158	1/4	163,741	1/4	150,324	1/4	136,907	1/4	123,491	1/4	110,074	1/4	96,657
1/2		1/2		1/2	189,690	1/2	176,879	1/2	163,462	1/2	150,045	1/2	136,628	1/2	123,211	1/2	109,794	1/2	96,377
3/4		3/4		3/4	189,527	3/4	176,599	3/4	163,182	3/4	149,765	3/4	136,348	3/4	122,931	3/4	109,515	3/4	96,098
3		3		3	189,364	3	176,320	3	162,903	3	149,486	3	136,069	3	122,652	3	109,235	3	95,818
1/4		1/4		1/4	189,154	1/4	176,040	1/4	162,623	1/4	149,206	1/4	135,789	1/4	122,372	1/4	108,956	1/4	95,539
1/2		1/2		1/2	188,945	1/2	175,761	1/2	162,344	1/2	148,927	1/2	135,510	1/2	122,093	1/2	108,676	1/2	95,259
3/4		3/4		3/4	188,735	3/4	175,481	3/4	162,064	3/4	148,647	3/4	135,230	3/4	121,813	3/4	108,396	3/4	94,980
4		4		4	188,525	4	175,202	4	161,785	4	148,368	4	134,951	4	121,534	4	108,117	4	94,700
1/4		1/4		1/4	188,269	1/4	174,922	1/4	161,505	1/4	148,088	1/4	134,671	1/4	121,254	1/4	107,837	1/4	94,421
1/2		1/2		1/2	188,013	1/2	174,643	1/2	161,226	1/2	147,809	1/2	134,392	1/2	120,975	1/2	107,558	1/2	94,141
3/4		3/4		3/4	187,757	3/4	174,363	3/4	160,946	3/4	147,529	3/4	134,112	3/4	120,695	3/4	107,278	3/4	93,861
5		5		5	187,500	5	174,083	5	160,667	5	147,250	5	133,833	5	120,416	5	106,999	5	93,582
1/4		1/4		1/4	187,221	1/4	173,804	1/4	160,387	1/4	146,970	1/4	133,553	1/4	120,136	1/4	106,719	1/4	93,302
1/2		1/2		1/2	186,941	1/2	173,524	1/2	160,108	1/2	146,691	1/2	133,274	1/2	119,857	1/2	106,440	1/2	93,023
3/4		3/4		3/4	186,662	3/4	173,245	3/4	159,828	3/4	146,411	3/4	132,994	3/4	119,577	3/4	106,160	3/4	92,743
6		6		6	186,382	6	172,965	6	159,548	6	146,132	6	132,715	6	119,298	6	105,881	6	92,464
1/4		1/4		1/4	186,103	1/4	172,686	1/4	159,269	1/4	145,852	1/4	132,435	1/4	119,018	1/4	105,601	1/4	92,184
1/2		1/2		1/2	185,823	1/2	172,406	1/2	158,989	1/2	145,573	1/2	132,156	1/2	118,739	1/2	105,322	1/2	91,905
3/4		3/4		3/4	185,544	3/4	172,127	3/4	158,710	3/4	145,293	3/4	131,876	3/4	118,459	3/4	105,042	3/4	91,625
7		7		7	185,264	7	171,847	7	158,430	7	145,013	7	131,597	7	118,180	7	104,763	7	91,346
1/4		1/4		1/4	184,985	1/4	171,568	1/4	158,151	1/4	144,734	1/4	131,317	1/4	117,900	1/4	104,483	1/4	91,066
1/2		1/2		1/2	184,705	1/2	171,288	1/2	157,871	1/2	144,454	1/2	131,038	1/2	117,621	1/2	104,204	1/2	90,787
3/4		3/4		3/4	184,426	3/4	171,009	3/4	157,592	3/4	144,175	3/4	130,758	3/4	117,341	3/4	103,924	3/4	90,507
8		8		8	184,146	8	170,729	8	157,312	8	143,895	8	130,478	8	117,062	8	103,645	8	90,228
1/4		1/4		1/4	183,867	1/4	170,450	1/4	157,033	1/4	143,616	1/4	130,199	1/4	116,782	1/4	103,365	1/4	89,948
1/2		1/2		1/2	183,587	1/2	170,170	1/2	156,753	1/2	143,336	1/2	129,919	1/2	116,503	1/2	103,086	1/2	89,669
3/4		3/4		3/4	183,308	3/4	169,891	3/4	156,474	3/4	143,057	3/4	129,640	3/4	116,223	3/4	102,806	3/4	89,389
9		9		9	183,028	9	169,611	9	156,194	9	142,777	9	129,360	9	115,943	9	102,527	9	89,110
1/4		1/4		1/4	182,749	1/4	169,332	1/4	155,915	1/4	142,498	1/4	129,081	1/4	115,664	1/4	102,247	1/4	88,830
1/2		1/2		1/2	182,469	1/2	169,052	1/2	155,635	1/2	142,218	1/2	128,801	1/2	115,384	1/2	101,968	1/2	88,551
3/4		3/4		3/4	182,190	3/4	168,773	3/4	155,356	3/4	141,939	3/4	128,522	3/4	115,105	3/4	101,688	3/4	88,271
10		10		10	181,910	10	168,493	10	155,076	10	141,659	10	128,242	10	114,825	10	101,409	10	87,992
1/4		1/4		1/4	181,630	1/4	168,214	1/4	154,797	1/4	141,380	1/4	127,963	1/4	114,546	1/4	101,129	1/4	87,712
1/2		1/2		1/2	181,351	1/2	167,934	1/2	154,517	1/2	141,100	1/2	127,683	1/2	114,266	1/2	100,849	1/2	87,433
3/4		3/4		3/4	181,071	3/4	167,655	3/4	154,238	3/4	140,821	3/4	127,404	3/4	113,987	3/4	100,570	3/4	87,153
11		11		11	180,792	11	167,375	11	153,958	11	140,541	11	127,124	11	113,707	11	100,290	11	86,874
1/4		1/4		1/4	180,512	1/4	167,095	1/4	153,679	1/4	140,262	1/4	126,845	1/4	113,428	1/4	100,011	1/4	86,594
1/2		1/2		1/2	190,808	1/2	180,233	1/2	166,816	1/2	153,399	1/2	139,982	1/2	126,565	1/2	113,148	1/2	99,731
3/4		3/4		3/4	190,785	3/4	179,953	3/4	166,536	3/4	153,120	3/4	139,703	3/4	126,286	3/4	112,869	3/4	99,452

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1422"

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	85,755	0	72,339	0	58,922	0	45,505	0	32,382	0	18,997	0	5,591	0		0		0	
1/4	85,476	1/4	72,059	1/4	58,642	1/4	45,225	1/4	32,110	1/4	18,717	1/4	5,315	1/4	1/4		1/4		1/4
1/2	85,196	1/2	71,779	1/2	58,363	1/2	44,946	1/2	31,838	1/2	18,438	1/2	5,039	1/2	1/2		1/2		1/2
3/4	84,917	3/4	71,500	3/4	58,083	3/4	44,666	3/4	31,567	3/4	18,158	3/4	4,762	3/4	3/4		3/4		3/4
1	84,637	1	71,220	1	57,804	1	44,387	1	31,295	1	17,879	1	4,486	1	1		1		1
1/4	84,358	1/4	70,941	1/4	57,524	1/4	44,107	1/4	31,016	1/4	17,599	1/4	4,212	1/4	1/4		1/4		1/4
1/2	84,078	1/2	70,661	1/2	57,244	1/2	43,828	1/2	30,736	1/2	17,320	1/2	3,938	1/2	1/2		1/2		1/2
3/4	83,799	3/4	70,382	3/4	56,965	3/4	43,548	3/4	30,457	3/4	17,040	3/4	3,664	3/4	3/4		3/4		3/4
2	83,519	2	70,102	2	56,685	2	43,269	2	30,177	2	16,761	2	3,390	2	2		2		2
1/4	83,240	1/4	69,823	1/4	56,406	1/4	42,989	1/4	29,898	1/4	16,481	1/4	3,135	1/4	1/4		1/4		1/4
1/2	82,960	1/2	69,543	1/2	56,126	1/2	42,709	1/2	29,618	1/2	16,202	1/2	2,879	1/2	1/2		1/2		1/2
3/4	82,681	3/4	69,264	3/4	55,847	3/4	42,430	3/4	29,339	3/4	15,922	3/4	2,624	3/4	3/4		3/4		3/4
3	82,401	3	68,984	3	55,567	3	42,150	3	29,059	3	15,643	3	2,368	3	3		3		3
1/4	82,122	1/4	68,705	1/4	55,288	1/4	41,879	1/4	28,780	1/4	15,363	1/4	2,158	1/4	1/4		1/4		1/4
1/2	81,842	1/2	68,425	1/2	55,008	1/2	41,607	1/2	28,500	1/2	15,084	1/2	1,949	1/2	1/2		1/2		1/2
3/4	81,563	3/4	68,146	3/4	54,729	3/4	41,335	3/4	28,221	3/4	14,804	3/4	1,739	3/4	3/4		3/4		3/4
4	81,283	4	67,866	4	54,449	4	41,064	4	27,941	4	14,525	4	1,530	4	4		4		4
1/4	81,004	1/4	67,587	1/4	54,170	1/4	40,792	1/4	27,662	1/4	14,245	1/4	1,367	1/4	1/4		1/4		1/4
1/2	80,724	1/2	67,307	1/2	53,890	1/2	40,521	1/2	27,382	1/2	13,966	1/2	1,203	1/2	1/2		1/2		1/2
3/4	80,445	3/4	67,028	3/4	53,611	3/4	40,250	3/4	27,103	3/4	13,686	3/4	1,040	3/4	3/4		3/4		3/4
5	80,165	5	66,748	5	53,331	5	39,979	5	26,823	5	13,407	5	877	5	5		5		5
1/4	79,886	1/4	66,469	1/4	53,052	1/4	39,707	1/4	26,543	1/4	13,127	1/4	761	1/4	1/4		1/4		1/4
1/2	79,606	1/2	66,189	1/2	52,772	1/2	39,436	1/2	26,264	1/2	12,847	1/2	644	1/2	1/2		1/2		1/2
3/4	79,326	3/4	65,910	3/4	52,493	3/4	39,165	3/4	25,984	3/4	12,568	3/4	528	3/4	3/4		3/4		3/4
6	79,047	6	65,630	6	52,213	6	38,893	6	25,705	6	12,288	6	412	6	6		6		6
1/4	78,767	1/4	65,351	1/4	51,934	1/4	38,622	1/4	25,425	1/4	12,009	1/4	342	1/4	1/4		1/4		1/4
1/2	78,488	1/2	65,071	1/2	51,654	1/2	38,351	1/2	25,146	1/2	11,729	1/2	272	1/2	1/2		1/2		1/2
3/4	78,208	3/4	64,791	3/4	51,375	3/4	38,079	3/4	24,866	3/4	11,450	3/4	202	3/4	3/4		3/4		3/4
7	77,929	7	64,512	7	51,095	7	37,808	7	24,587	7	11,170	7	132	7	7		7		7
1/4	77,649	1/4	64,232	1/4	50,816	1/4	37,537	1/4	24,307	1/4	10,891	1/4	109	1/4	1/4		1/4		1/4
1/2	77,370	1/2	63,953	1/2	50,536	1/2	37,265	1/2	24,028	1/2	10,611	1/2	86	1/2	1/2		1/2		1/2
3/4	77,090	3/4	63,673	3/4	50,257	3/4	36,994	3/4	23,748	3/4	10,332	3/4	62	3/4	3/4		3/4		3/4
8	76,811	8	63,394	8	49,977	8	36,723	8	23,469	8	10,052	8	39	8	8		8		8
1/4	76,531	1/4	63,114	1/4	49,697	1/4	36,451	1/4	23,189	1/4	9,773	1/4		1/4	1/4		1/4		1/4
1/2	76,252	1/2	62,835	1/2	49,418	1/2	36,180	1/2	22,910	1/2	9,493	1/2		1/2	1/2		1/2		1/2
3/4	75,972	3/4	62,555	3/4	49,138	3/4	35,909	3/4	22,630	3/4	9,214	3/4		3/4	3/4		3/4		3/4
9	75,693	9	62,276	9	48,859	9	35,638	9	22,351	9	8,934	9		9	9		9		9
1/4	75,413	1/4	61,996	1/4	48,579	1/4	35,366	1/4	22,071	1/4	8,655	1/4		1/4	1/4		1/4		1/4
1/2	75,134	1/2	61,717	1/2	48,300	1/2	35,095	1/2	21,792	1/2	8,376	1/2		1/2	1/2		1/2		1/2
3/4	74,854	3/4	61,437	3/4	48,020	3/4	34,824	3/4	21,512	3/4	8,097	3/4		3/4	3/4		3/4		3/4
10	74,575	10	61,158	10	47,741	10	34,552	10	21,233	10	7,817	10		10	10		10		10
1/4	74,295	1/4	60,878	1/4	47,461	1/4	34,281	1/4	20,953	1/4	7,539	1/4		1/4	1/4		1/4		1/4
1/2	74,016	1/2	60,599	1/2	47,182	1/2	34,010	1/2	20,674	1/2	7,260	1/2		1/2	1/2		1/2		1/2
3/4	73,736	3/4	60,319	3/4	46,902	3/4	33,738	3/4	20,394	3/4	6,981	3/4		3/4	3/4		3/4		3/4
11	73,457	11	60,040	11	46,623	11	33,467	11	20,115	11	6,703	11		11	11		11		11
1/4	73,177	1/4	59,760	1/4	46,343	1/4	33,196	1/4	19,835	1/4	6,425	1/4		1/4	1/4		1/4		1/4
1/2	72,898	1/2	59,481	1/2	46,064	1/2	32,924	1/2	19,556	1/2	6,147	1/2		1/2	1/2		1/2		1/2
3/4	72,618	3/4	59,201	3/4	45,784	3/4	32,653	3/4	19,276	3/4	5,869	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/4/2020 SW
CALCULATED: 03/05/2020 CL
PRINTED: 03/06/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020



BARGE "CBC 1422"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	162,026	0	150,022	0	138,018	0	126,014	0	114,009	0	102,005	0	90,001
1/4		1/4		1/4		1/4	161,776	1/4	149,772	1/4	137,768	1/4	125,764	1/4	113,759	1/4	101,755	1/4	89,751
1/2		1/2		1/2		1/2	170,988	1/2	161,526	1/2	149,522	1/2	137,518	1/2	125,514	1/2	113,509	1/2	101,505
3/4		3/4		3/4		3/4	170,967	3/4	161,276	3/4	149,272	3/4	137,268	3/4	125,263	3/4	113,259	3/4	101,255
1		1		1		1	170,946	1	161,026	1	149,022	1	137,018	1	125,013	1	113,009	1	101,005
1/4		1/4		1/4		1/4	170,884	1/4	160,776	1/4	148,772	1/4	136,768	1/4	124,763	1/4	112,759	1/4	100,755
1/2		1/2		1/2		1/2	170,821	1/2	160,526	1/2	148,522	1/2	136,517	1/2	124,513	1/2	112,509	1/2	100,505
3/4		3/4		3/4		3/4	170,759	3/4	160,276	3/4	148,272	3/4	136,267	3/4	124,263	3/4	112,259	3/4	100,255
2		2		2		2	170,696	2	160,026	2	148,022	2	136,017	2	124,013	2	112,009	2	100,004
1/4		1/4		1/4		1/4	170,592	1/4	159,776	1/4	147,771	1/4	135,767	1/4	123,763	1/4	111,759	1/4	99,754
1/2		1/2		1/2		1/2	170,488	1/2	159,526	1/2	147,521	1/2	135,517	1/2	123,513	1/2	111,509	1/2	99,504
3/4		3/4		3/4		3/4	170,384	3/4	159,276	3/4	147,271	3/4	135,267	3/4	123,263	3/4	111,258	3/4	99,254
3		3		3		3	170,279	3	159,025	3	147,021	3	135,017	3	123,013	3	111,008	3	99,004
1/4		1/4		1/4		1/4	170,134	1/4	158,775	1/4	146,771	1/4	134,767	1/4	122,763	1/4	110,758	1/4	98,754
1/2		1/2		1/2		1/2	169,988	1/2	158,525	1/2	146,521	1/2	134,517	1/2	122,512	1/2	110,508	1/2	98,504
3/4		3/4		3/4		3/4	169,842	3/4	158,275	3/4	146,271	3/4	134,267	3/4	122,262	3/4	110,258	3/4	98,254
4		4		4		4	169,696	4	158,025	4	146,021	4	134,017	4	122,012	4	110,008	4	98,004
1/4		1/4		1/4		1/4	169,508	1/4	157,775	1/4	145,771	1/4	133,766	1/4	121,762	1/4	109,758	1/4	97,754
1/2		1/2		1/2		1/2	169,321	1/2	157,525	1/2	145,521	1/2	133,516	1/2	121,512	1/2	109,508	1/2	97,504
3/4		3/4		3/4		3/4	169,133	3/4	157,275	3/4	145,271	3/4	133,266	3/4	121,262	3/4	109,258	3/4	97,253
5		5		5		5	168,946	5	157,025	5	145,020	5	133,016	5	121,012	5	109,008	5	97,003
1/4		1/4		1/4		1/4	168,716	1/4	156,775	1/4	144,770	1/4	132,766	1/4	120,762	1/4	108,758	1/4	96,753
1/2		1/2		1/2		1/2	168,487	1/2	156,525	1/2	144,520	1/2	132,516	1/2	120,512	1/2	108,507	1/2	96,503
3/4		3/4		3/4		3/4	168,258	3/4	156,274	3/4	144,270	3/4	132,266	3/4	120,262	3/4	108,257	3/4	96,253
6		6		6		6	168,029	6	156,024	6	144,020	6	132,016	6	120,012	6	108,007	6	96,003
1/4		1/4		1/4		1/4	167,779	1/4	155,774	1/4	143,770	1/4	131,766	1/4	119,761	1/4	107,757	1/4	95,753
1/2		1/2		1/2		1/2	167,528	1/2	155,524	1/2	143,520	1/2	131,516	1/2	119,511	1/2	107,507	1/2	95,503
3/4		3/4		3/4		3/4	167,278	3/4	155,274	3/4	143,270	3/4	131,266	3/4	119,261	3/4	107,257	3/4	95,253
7		7		7		7	167,028	7	155,024	7	143,020	7	131,015	7	119,011	7	107,007	7	95,003
1/4		1/4		1/4		1/4	166,778	1/4	154,774	1/4	142,770	1/4	130,765	1/4	118,761	1/4	106,757	1/4	94,753
1/2		1/2		1/2		1/2	166,528	1/2	154,524	1/2	142,520	1/2	130,515	1/2	118,511	1/2	106,507	1/2	94,502
3/4		3/4		3/4		3/4	166,278	3/4	154,274	3/4	142,269	3/4	130,265	3/4	118,261	3/4	106,257	3/4	94,252
8		8		8		8	166,028	8	154,024	8	142,019	8	130,015	8	118,011	8	106,007	8	94,002
1/4		1/4		1/4		1/4	165,778	1/4	153,774	1/4	141,769	1/4	129,765	1/4	117,761	1/4	105,756	1/4	93,752
1/2		1/2		1/2		1/2	165,528	1/2	153,523	1/2	141,519	1/2	129,515	1/2	117,511	1/2	105,506	1/2	93,502
3/4		3/4		3/4		3/4	165,278	3/4	153,273	3/4	141,269	3/4	129,265	3/4	117,261	3/4	105,256	3/4	93,252
9		9		9		9	165,028	9	153,023	9	141,019	9	129,015	9	117,010	9	105,006	9	93,002
1/4		1/4		1/4		1/4	164,777	1/4	152,773	1/4	140,769	1/4	128,765	1/4	116,760	1/4	104,756	1/4	92,752
1/2		1/2		1/2		1/2	164,527	1/2	152,523	1/2	140,519	1/2	128,515	1/2	116,510	1/2	104,506	1/2	92,502
3/4		3/4		3/4		3/4	164,277	3/4	152,273	3/4	140,269	3/4	128,264	3/4	116,260	3/4	104,256	3/4	92,252
10		10		10		10	164,027	10	152,023	10	140,019	10	128,014	10	116,010	10	104,006	10	92,002
1/4		1/4		1/4		1/4	163,777	1/4	151,773	1/4	139,769	1/4	127,764	1/4	115,760	1/4	103,756	1/4	91,751
1/2		1/2		1/2		1/2	163,527	1/2	151,523	1/2	139,518	1/2	127,514	1/2	115,510	1/2	103,506	1/2	91,501
3/4		3/4		3/4		3/4	163,277	3/4	151,273	3/4	139,268	3/4	127,264	3/4	115,260	3/4	103,256	3/4	91,251
11		11		11		11	163,027	11	151,023	11	139,018	11	127,014	11	115,010	11	103,005	11	91,001
1/4		1/4		1/4		1/4	162,777	1/4	150,772	1/4	138,768	1/4	126,764	1/4	114,760	1/4	102,755	1/4	90,751
1/2		1/2		1/2		1/2	162,527	1/2	150,522	1/2	138,518	1/2	126,514	1/2	114,510	1/2	102,505	1/2	90,501
3/4		3/4		3/4		3/4	162,277	3/4	150,272	3/4	138,268	3/4	126,264	3/4	114,259	3/4	102,255	3/4	90,251

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1422"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	77,997	0	65,992	0	53,988	0	41,984	0	30,000	0	18,002	0	6,002	0		0		0	
1/4	77,747	1/4	65,742	1/4	53,738	1/4	41,734	1/4	29,750	1/4	17,751	1/4	5,753	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,496	1/2	65,492	1/2	53,488	1/2	41,484	1/2	29,501	1/2	17,501	1/2	5,504	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,246	3/4	65,242	3/4	53,238	3/4	41,234	3/4	29,252	3/4	17,251	3/4	5,256	3/4	3/4	3/4	3/4	3/4	3/4
1	76,996	1	64,992	1	52,988	1	40,983	1	29,002	1	17,001	1	5,007	1	1	1	1	1	1
1/4	76,746	1/4	64,742	1/4	52,738	1/4	40,733	1/4	28,753	1/4	16,751	1/4	4,760	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,496	1/2	64,492	1/2	52,488	1/2	40,483	1/2	28,503	1/2	16,501	1/2	4,513	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,246	3/4	64,242	3/4	52,237	3/4	40,233	3/4	28,253	3/4	16,251	3/4	4,265	3/4	3/4	3/4	3/4	3/4	3/4
2	75,996	2	63,992	2	51,987	2	39,983	2	28,003	2	16,001	2	4,018	2	2	2	2	2	2
1/4	75,746	1/4	63,742	1/4	51,737	1/4	39,733	1/4	27,754	1/4	15,751	1/4	3,773	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,496	1/2	63,491	1/2	51,487	1/2	39,483	1/2	27,504	1/2	15,501	1/2	3,528	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,246	3/4	63,241	3/4	51,237	3/4	39,233	3/4	27,254	3/4	15,251	3/4	3,283	3/4	3/4	3/4	3/4	3/4	3/4
3	74,996	3	62,991	3	50,987	3	38,983	3	27,004	3	15,001	3	3,038	3	3	3	3	3	3
1/4	74,745	1/4	62,741	1/4	50,737	1/4	38,733	1/4	26,754	1/4	14,751	1/4	2,809	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,495	1/2	62,491	1/2	50,487	1/2	38,483	1/2	26,504	1/2	14,501	1/2	2,581	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,245	3/4	62,241	3/4	50,237	3/4	38,232	3/4	26,254	3/4	14,250	3/4	2,352	3/4	3/4	3/4	3/4	3/4	3/4
4	73,995	4	61,991	4	49,987	4	37,982	4	26,004	4	14,000	4	2,123	4	4	4	4	4	4
1/4	73,745	1/4	61,741	1/4	49,737	1/4	37,732	1/4	25,754	1/4	13,750	1/4	1,936	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,495	1/2	61,491	1/2	49,486	1/2	37,482	1/2	25,504	1/2	13,500	1/2	1,748	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,245	3/4	61,241	3/4	49,236	3/4	37,232	3/4	25,254	3/4	13,250	3/4	1,561	3/4	3/4	3/4	3/4	3/4	3/4
5	72,995	5	60,991	5	48,986	5	36,982	5	25,004	5	13,000	5	1,373	5	5	5	5	5	5
1/4	72,745	1/4	60,740	1/4	48,736	1/4	36,733	1/4	24,754	1/4	12,750	1/4	1,227	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,495	1/2	60,490	1/2	48,486	1/2	36,483	1/2	24,504	1/2	12,500	1/2	1,081	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,245	3/4	60,240	3/4	48,236	3/4	36,234	3/4	24,254	3/4	12,250	3/4	936	3/4	3/4	3/4	3/4	3/4	3/4
6	71,994	6	59,990	6	47,986	6	35,985	6	24,003	6	12,000	6	790	6	6	6	6	6	6
1/4	71,744	1/4	59,740	1/4	47,736	1/4	35,735	1/4	23,753	1/4	11,750	1/4	686	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,494	1/2	59,490	1/2	47,486	1/2	35,486	1/2	23,503	1/2	11,499	1/2	581	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,244	3/4	59,240	3/4	47,236	3/4	35,236	3/4	23,253	3/4	11,249	3/4	477	3/4	3/4	3/4	3/4	3/4	3/4
7	70,994	7	58,990	7	46,986	7	34,987	7	23,003	7	10,999	7	373	7	7	7	7	7	7
1/4	70,744	1/4	58,740	1/4	46,735	1/4	34,738	1/4	22,753	1/4	10,749	1/4	310	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,494	1/2	58,490	1/2	46,485	1/2	34,488	1/2	22,503	1/2	10,499	1/2	248	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,244	3/4	58,240	3/4	46,235	3/4	34,239	3/4	22,253	3/4	10,249	3/4	185	3/4	3/4	3/4	3/4	3/4	3/4
8	69,994	8	57,989	8	45,985	8	33,990	8	22,003	8	9,999	8	123	8	8	8	8	8	8
1/4	69,744	1/4	57,739	1/4	45,735	1/4	33,740	1/4	21,753	1/4	9,749	1/4	102	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,494	1/2	57,489	1/2	45,485	1/2	33,491	1/2	21,503	1/2	9,499	1/2	81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,243	3/4	57,239	3/4	45,235	3/4	33,241	3/4	21,253	3/4	9,249	3/4	60	3/4	3/4	3/4	3/4	3/4	3/4
9	68,993	9	56,989	9	44,985	9	32,992	9	21,003	9	8,999	9	39	9	9	9	9	9	9
1/4	68,743	1/4	56,739	1/4	44,735	1/4	32,743	1/4	20,752	1/4	8,749	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,493	1/2	56,489	1/2	44,485	1/2	32,493	1/2	20,502	1/2	8,499	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,243	3/4	56,239	3/4	44,235	3/4	32,244	3/4	20,252	3/4	8,249	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,993	10	55,989	10	43,984	10	31,995	10	20,002	10	7,998	10	10	10	10	10	10	10	10
1/4	67,743	1/4	55,739	1/4	43,734	1/4	31,745	1/4	19,752	1/4	7,749	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,493	1/2	55,489	1/2	43,484	1/2	31,496	1/2	19,502	1/2	7,499	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,243	3/4	55,238	3/4	43,234	3/4	31,247	3/4	19,252	3/4	7,249	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,993	11	54,988	11	42,984	11	30,997	11	19,002	11	6,999	11	11	11	11	11	11	11	11
1/4	66,743	1/4	54,738	1/4	42,734	1/4	30,748	1/4	18,752	1/4	6,750	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,493	1/2	54,488	1/2	42,484	1/2	30,498	1/2	18,502	1/2	6,500	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,242	3/4	54,238	3/4	42,234	3/4	30,249	3/4	18,252	3/4	6,251	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/4/2020 SW
CALCULATED: 03/05/2020 CL
PRINTED: 03/06/2020 SW

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020



BARGE "CBC 1422"

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	- 00-1/4	00-1/4	- 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: 181'-09"

March 4, 2020

PRECISION MEASUREMENT
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P.O. Box 2092
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BARGE "CBC 1422"

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	8,700	0	20,306	0	31,728	0	43,190	0	54,767	0	66,344	0	77,898	0	89,454	0	101,035
1/4	60	1/4	8,942	1/4	20,547	1/4	31,962	1/4	43,431	1/4	55,008	1/4	66,585	1/4	78,138	1/4	89,695	1/4	101,277
1/2	80	1/2	9,184	1/2	20,789	1/2	32,196	1/2	43,672	1/2	55,250	1/2	66,827	1/2	78,378	1/2	89,936	1/2	101,518
3/4	100	3/4	9,426	3/4	21,031	3/4	32,430	3/4	43,914	3/4	55,491	3/4	67,068	3/4	78,618	3/4	90,178	3/4	101,759
1	120	1	9,668	1	21,273	1	32,664	1	44,155	1	55,732	1	67,309	1	78,857	1	90,419	1	102,001
1/4	180	1/4	9,909	1/4	21,514	1/4	32,898	1/4	44,396	1/4	55,973	1/4	67,550	1/4	79,097	1/4	90,660	1/4	102,242
1/2	241	1/2	10,151	1/2	21,756	1/2	33,132	1/2	44,637	1/2	56,214	1/2	67,791	1/2	79,337	1/2	90,902	1/2	102,483
3/4	301	3/4	10,393	3/4	21,998	3/4	33,366	3/4	44,878	3/4	56,455	3/4	68,033	3/4	79,577	3/4	91,143	3/4	102,724
2	362	2	10,635	2	22,240	2	33,600	2	45,120	2	56,697	2	68,274	2	79,817	2	91,384	2	102,966
1/4	462	1/4	10,876	1/4	22,481	1/4	33,834	1/4	45,361	1/4	56,938	1/4	68,515	1/4	80,057	1/4	91,625	1/4	103,207
1/2	563	1/2	11,118	1/2	22,723	1/2	34,068	1/2	45,602	1/2	57,179	1/2	68,756	1/2	80,297	1/2	91,867	1/2	103,448
3/4	664	3/4	11,360	3/4	22,965	3/4	34,302	3/4	45,843	3/4	57,420	3/4	68,997	3/4	80,536	3/4	92,108	3/4	103,690
3	765	3	11,602	3	23,207	3	34,536	3	46,084	3	57,661	3	69,238	3	80,776	3	92,349	3	103,931
1/4	906	1/4	11,844	1/4	23,449	1/4	34,770	1/4	46,325	1/4	57,903	1/4	69,480	1/4	81,016	1/4	92,591	1/4	104,172
1/2	1,047	1/2	12,085	1/2	23,690	1/2	35,004	1/2	46,567	1/2	58,144	1/2	69,721	1/2	81,256	1/2	92,832	1/2	104,413
3/4	1,188	3/4	12,327	3/4	23,932	3/4	35,238	3/4	46,808	3/4	58,385	3/4	69,962	3/4	81,496	3/4	93,073	3/4	104,655
4	1,329	4	12,569	4	24,174	4	35,472	4	47,049	4	58,626	4	70,203	4	81,736	4	93,314	4	104,896
1/4	1,510	1/4	12,811	1/4	24,416	1/4	35,713	1/4	47,290	1/4	58,867	1/4	70,444	1/4	81,976	1/4	93,556	1/4	105,137
1/2	1,691	1/2	13,052	1/2	24,657	1/2	35,954	1/2	47,531	1/2	59,109	1/2	70,686	1/2	82,217	1/2	93,797	1/2	105,379
3/4	1,873	3/4	13,294	3/4	24,899	3/4	36,196	3/4	47,773	3/4	59,350	3/4	70,927	3/4	82,457	3/4	94,038	3/4	105,620
5	2,054	5	13,536	5	25,141	5	36,437	5	48,014	5	59,591	5	71,168	5	82,698	5	94,280	5	105,861
1/4	2,275	1/4	13,778	1/4	25,383	1/4	36,678	1/4	48,255	1/4	59,832	1/4	71,409	1/4	82,939	1/4	94,521	1/4	106,102
1/2	2,496	1/2	14,019	1/2	25,624	1/2	36,919	1/2	48,496	1/2	60,073	1/2	71,650	1/2	83,180	1/2	94,762	1/2	106,344
3/4	2,717	3/4	14,261	3/4	25,866	3/4	37,160	3/4	48,737	3/4	60,314	3/4	71,892	3/4	83,422	3/4	95,003	3/4	106,585
6	2,938	6	14,503	6	26,108	6	37,401	6	48,979	6	60,556	6	72,133	6	83,663	6	95,245	6	106,826
1/4	3,175	1/4	14,745	1/4	26,342	1/4	37,643	1/4	49,220	1/4	60,797	1/4	72,373	1/4	83,904	1/4	95,486	1/4	107,068
1/2	3,412	1/2	14,987	1/2	26,577	1/2	37,884	1/2	49,461	1/2	61,038	1/2	72,614	1/2	84,145	1/2	95,727	1/2	107,309
3/4	3,649	3/4	15,228	3/4	26,811	3/4	38,125	3/4	49,702	3/4	61,279	3/4	72,855	3/4	84,387	3/4	95,969	3/4	107,550
7	3,885	7	15,470	7	27,046	7	38,366	7	49,943	7	61,520	7	73,095	7	84,628	7	96,210	7	107,791
1/4	4,125	1/4	15,712	1/4	27,280	1/4	38,607	1/4	50,185	1/4	61,762	1/4	73,336	1/4	84,869	1/4	96,451	1/4	108,033
1/2	4,364	1/2	15,954	1/2	27,514	1/2	38,849	1/2	50,426	1/2	62,003	1/2	73,576	1/2	85,111	1/2	96,692	1/2	108,274
3/4	4,603	3/4	16,195	3/4	27,749	3/4	39,090	3/4	50,667	3/4	62,244	3/4	73,817	3/4	85,352	3/4	96,934	3/4	108,515
8	4,842	8	16,437	8	27,983	8	39,331	8	50,908	8	62,485	8	74,058	8	85,593	8	97,175	8	108,757
1/4	5,082	1/4	16,679	1/4	28,217	1/4	39,572	1/4	51,149	1/4	62,726	1/4	74,298	1/4	85,834	1/4	97,416	1/4	108,998
1/2	5,322	1/2	16,921	1/2	28,451	1/2	39,813	1/2	51,390	1/2	62,968	1/2	74,539	1/2	86,076	1/2	97,657	1/2	109,239
3/4	5,563	3/4	17,162	3/4	28,685	3/4	40,055	3/4	51,632	3/4	63,209	3/4	74,779	3/4	86,317	3/4	97,899	3/4	109,480
9	5,803	9	17,404	9	28,919	9	40,296	9	51,873	9	63,450	9	75,020	9	86,558	9	98,140	9	109,722
1/4	6,044	1/4	17,646	1/4	29,153	1/4	40,537	1/4	52,114	1/4	63,691	1/4	75,260	1/4	86,800	1/4	98,381	1/4	109,963
1/2	6,285	1/2	17,888	1/2	29,387	1/2	40,778	1/2	52,355	1/2	63,932	1/2	75,500	1/2	87,041	1/2	98,623	1/2	110,204
3/4	6,526	3/4	18,130	3/4	29,621	3/4	41,019	3/4	52,596	3/4	64,174	3/4	75,740	3/4	87,282	3/4	98,864	3/4	110,445
10	6,767	10	18,371	10	29,855	10	41,261	10	52,838	10	64,415	10	75,979	10	87,524	10	99,105	10	110,687
1/4	7,009	1/4	18,613	1/4	30,089	1/4	41,502	1/4	53,079	1/4	64,656	1/4	76,219	1/4	87,765	1/4	99,346	1/4	110,928
1/2	7,250	1/2	18,855	1/2	30,323	1/2	41,743	1/2	53,320	1/2	64,897	1/2	76,459	1/2	88,006	1/2	99,588	1/2	111,169
3/4	7,492	3/4	19,097	3/4	30,558	3/4	41,984	3/4	53,561	3/4	65,138	3/4	76,699	3/4	88,247	3/4	99,829	3/4	111,411
11	7,733	11	19,338	11	30,792	11	42,225	11	53,802	11	65,379	11	76,939	11	88,489	11	100,070	11	111,652
1/4	7,975	1/4	19,580	1/4	31,026	1/4	42,466	1/4	54,044	1/4	65,621	1/4	77,179	1/4	88,730	1/4	100,312	1/4	111,893
1/2	8,217	1/2	19,822	1/2	31,260	1/2	42,708	1/2	54,285	1/2	65,862	1/2	77,418	1/2	88,971	1/2	100,553	1/2	112,134
3/4	8,459	3/4	20,064	3/4	31,494	3/4	42,949	3/4	54,526	3/4	66,103	3/4	77,658	3/4	89,213	3/4	100,794	3/4	112,376

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 1422"

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	112,617	0	122,149	0	130,265	0	138,382	0	146,499	0		0		0		0		0	
1/4	112,858	1/4	122,318	1/4	130,434	1/4	138,551	1/4	146,668	1/4		1/4		1/4		1/4		1/4	
1/2	113,098	1/2	122,487	1/2	130,604	1/2	138,720	1/2	146,837	1/2		1/2		1/2		1/2		1/2	
3/4	113,339	3/4	122,656	3/4	130,773	3/4	138,890	3/4	147,006	3/4		3/4		3/4		3/4		3/4	
1	113,580	1	122,825	1	130,942	1	139,059	1	147,176	1		1		1		1		1	
1/4	113,821	1/4	122,994	1/4	131,111	1/4	139,228	1/4	147,345	1/4		1/4		1/4		1/4		1/4	
1/2	114,061	1/2	123,163	1/2	131,280	1/2	139,397	1/2	147,514	1/2		1/2		1/2		1/2		1/2	
3/4	114,302	3/4	123,332	3/4	131,449	3/4	139,566	3/4	147,683	3/4		3/4		3/4		3/4		3/4	
2	114,543	2	123,501	2	131,618	2	139,735	2	147,852	2		2		2		2		2	
1/4	114,784	1/4	123,670	1/4	131,787	1/4	139,904	1/4	148,021	1/4		1/4		1/4		1/4		1/4	
1/2	115,024	1/2	123,840	1/2	131,956	1/2	140,073	1/2	148,190	1/2		1/2		1/2		1/2		1/2	
3/4	115,265	3/4	124,009	3/4	132,126	3/4	140,242	3/4	148,359	3/4		3/4		3/4		3/4		3/4	
3	115,506	3	124,178	3	132,295	3	140,411	3	148,528	3		3		3		3		3	
1/4	115,746	1/4	124,347	1/4	132,464	1/4	140,581	1/4	148,750	1/4		1/4		1/4		1/4		1/4	
1/2	115,987	1/2	124,516	1/2	132,633	1/2	140,750	1/2	148,972	1/2		1/2		1/2		1/2		1/2	
3/4	116,228	3/4	124,685	3/4	132,802	3/4	140,919	3/4	149,193	3/4		3/4		3/4		3/4		3/4	
4	116,469	4	124,854	4	132,971	4	141,088	4	149,415	4		4		4		4		4	
1/4	116,709	1/4	125,023	1/4	133,140	1/4	141,257	1/4	149,596	1/4		1/4		1/4		1/4		1/4	
1/2	116,950	1/2	125,192	1/2	133,309	1/2	141,426	1/2	149,778	1/2		1/2		1/2		1/2		1/2	
3/4	117,191	3/4	125,361	3/4	133,478	3/4	141,595	3/4	149,959	3/4		3/4		3/4		3/4		3/4	
5	117,432	5	125,531	5	133,647	5	141,764	5	150,140	5		5		5		5		5	
1/4	117,600	1/4	125,700	1/4	133,817	1/4	141,933	1/4	150,281	1/4		1/4		1/4		1/4		1/4	
1/2	117,768	1/2	125,869	1/2	133,986	1/2	142,102	1/2	150,422	1/2		1/2		1/2		1/2		1/2	
3/4	117,936	3/4	126,038	3/4	134,155	3/4	142,272	3/4	150,563	3/4		3/4		3/4		3/4		3/4	
6	118,104	6	126,207	6	134,324	6	142,441	6	150,704	6		6		6		6		6	
1/4	118,272	1/4	126,376	1/4	134,493	1/4	142,610	1/4	150,805	1/4		1/4		1/4		1/4		1/4	
1/2	118,441	1/2	126,545	1/2	134,662	1/2	142,779	1/2	150,906	1/2		1/2		1/2		1/2		1/2	
3/4	118,609	3/4	126,714	3/4	134,831	3/4	142,948	3/4	151,007	3/4		3/4		3/4		3/4		3/4	
7	118,778	7	126,883	7	135,000	7	143,117	7	151,107	7		7		7		7		7	
1/4	118,946	1/4	127,052	1/4	135,169	1/4	143,286	1/4	151,168	1/4		1/4		1/4		1/4		1/4	
1/2	119,115	1/2	127,222	1/2	135,338	1/2	143,455	1/2	151,228	1/2		1/2		1/2		1/2		1/2	
3/4	119,283	3/4	127,391	3/4	135,508	3/4	143,624	3/4	151,289	3/4		3/4		3/4		3/4		3/4	
8	119,452	8	127,560	8	135,677	8	143,794	8	151,349	8		8		8		8		8	
1/4	119,620	1/4	127,729	1/4	135,846	1/4	143,963	1/4	151,369	1/4		1/4		1/4		1/4		1/4	
1/2	119,789	1/2	127,898	1/2	136,015	1/2	144,132	1/2	151,389	1/2		1/2		1/2		1/2		1/2	
3/4	119,958	3/4	128,067	3/4	136,184	3/4	144,301	3/4	=====	3/4		3/4		3/4		3/4		3/4	
9	120,126	9	128,236	9	136,353	9	144,470	9	=====	9		9		9		9		9	
1/4	120,295	1/4	128,405	1/4	136,522	1/4	144,639	1/4	=====	1/4		1/4		1/4		1/4		1/4	
1/2	120,463	1/2	128,574	1/2	136,691	1/2	144,808	1/2	=====	1/2		1/2		1/2		1/2		1/2	
3/4	120,632	3/4	128,743	3/4	136,860	3/4	144,977	3/4	=====	3/4		3/4		3/4		3/4		3/4	
10	120,800	10	128,913	10	137,029	10	145,146	10	=====	10		10		10		10		10	
1/4	120,969	1/4	129,082	1/4	137,199	1/4	145,315	1/4	=====	1/4		1/4		1/4		1/4		1/4	
1/2	121,137	1/2	129,251	1/2	137,368	1/2	145,485	1/2	=====	1/2		1/2		1/2		1/2		1/2	
3/4	121,306	3/4	129,420	3/4	137,537	3/4	145,654	3/4	=====	3/4		3/4		3/4		3/4		3/4	
11	121,474	11	129,589	11	137,706	11	145,823	11	=====	11		11		11		11		11	
1/4	121,643	1/4	129,758	1/4	137,875	1/4	145,992	1/4	=====	1/4		1/4		1/4		1/4		1/4	
1/2	121,811	1/2	129,927	1/2	138,044	1/2	146,161	1/2	=====	1/2		1/2		1/2		1/2		1/2	
3/4	121,980	3/4	130,096	3/4	138,213	3/4	146,330	3/4	=====	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/4/2020 SW
CALCULATED: 03/05/2020 CL
PRINTED: 03/06/2020 SW

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020



BARGE "CBC 1422"

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	10,053	0	23,469	0	36,723	0	49,977	0	63,394	0	76,811	0	90,228	0	103,645	0	117,062
1/4	63	1/4	10,332	1/4	23,749	1/4	36,994	1/4	50,257	1/4	63,674	1/4	77,091	1/4	90,508	1/4	103,925	1/4	117,341
1/2	86	1/2	10,612	1/2	24,028	1/2	37,266	1/2	50,536	1/2	63,953	1/2	77,370	1/2	90,787	1/2	104,204	1/2	117,621
3/4	109	3/4	10,891	3/4	24,308	3/4	37,537	3/4	50,816	3/4	64,233	3/4	77,650	3/4	91,067	3/4	104,484	3/4	117,901
1	132	1	11,171	1	24,587	1	37,808	1	51,095	1	64,512	1	77,929	1	91,346	1	104,763	1	118,180
1/4	202	1/4	11,450	1/4	24,867	1/4	38,080	1/4	51,375	1/4	64,792	1/4	78,209	1/4	91,626	1/4	105,043	1/4	118,460
1/2	272	1/2	11,730	1/2	25,146	1/2	38,351	1/2	51,654	1/2	65,071	1/2	78,488	1/2	91,905	1/2	105,322	1/2	118,739
3/4	342	3/4	12,009	3/4	25,426	3/4	38,622	3/4	51,934	3/4	65,351	3/4	78,768	3/4	92,185	3/4	105,602	3/4	119,019
2	412	2	12,289	2	25,705	2	38,894	2	52,214	2	65,630	2	79,047	2	92,464	2	105,881	2	119,298
1/4	528	1/4	12,568	1/4	25,985	1/4	39,165	1/4	52,493	1/4	65,910	1/4	79,327	1/4	92,744	1/4	106,161	1/4	119,578
1/2	645	1/2	12,848	1/2	26,264	1/2	39,436	1/2	52,773	1/2	66,189	1/2	79,606	1/2	93,023	1/2	106,440	1/2	119,857
3/4	761	3/4	13,127	3/4	26,544	3/4	39,708	3/4	53,052	3/4	66,469	3/4	79,886	3/4	93,303	3/4	106,720	3/4	120,137
3	878	3	13,407	3	26,823	3	39,979	3	53,332	3	66,749	3	80,165	3	93,582	3	106,999	3	120,416
1/4	1,041	1/4	13,686	1/4	27,103	1/4	40,250	1/4	53,611	1/4	67,028	1/4	80,445	1/4	93,862	1/4	107,279	1/4	120,696
1/2	1,204	1/2	13,966	1/2	27,382	1/2	40,522	1/2	53,891	1/2	67,308	1/2	80,724	1/2	94,141	1/2	107,558	1/2	120,975
3/4	1,367	3/4	14,245	3/4	27,662	3/4	40,793	3/4	54,170	3/4	67,587	3/4	81,004	3/4	94,421	3/4	107,838	3/4	121,255
4	1,530	4	14,525	4	27,941	4	41,064	4	54,450	4	67,867	4	81,284	4	94,700	4	108,117	4	121,534
1/4	1,740	1/4	14,804	1/4	28,221	1/4	41,336	1/4	54,729	1/4	68,146	1/4	81,563	1/4	94,980	1/4	108,397	1/4	121,814
1/2	1,949	1/2	15,084	1/2	28,500	1/2	41,607	1/2	55,009	1/2	68,426	1/2	81,843	1/2	95,259	1/2	108,676	1/2	122,093
3/4	2,159	3/4	15,363	3/4	28,780	3/4	41,879	3/4	55,288	3/4	68,705	3/4	82,122	3/4	95,539	3/4	108,956	3/4	122,373
5	2,368	5	15,643	5	29,059	5	42,151	5	55,568	5	68,985	5	82,402	5	95,819	5	109,235	5	122,652
1/4	2,624	1/4	15,923	1/4	29,339	1/4	42,430	1/4	55,847	1/4	69,264	1/4	82,681	1/4	96,098	1/4	109,515	1/4	122,932
1/2	2,879	1/2	16,202	1/2	29,618	1/2	42,710	1/2	56,127	1/2	69,544	1/2	82,961	1/2	96,378	1/2	109,794	1/2	123,211
3/4	3,135	3/4	16,482	3/4	29,898	3/4	42,989	3/4	56,406	3/4	69,823	3/4	83,240	3/4	96,657	3/4	110,074	3/4	123,491
6	3,390	6	16,761	6	30,178	6	43,269	6	56,686	6	70,103	6	83,520	6	96,937	6	110,354	6	123,770
1/4	3,664	1/4	17,041	1/4	30,457	1/4	43,548	1/4	56,965	1/4	70,382	1/4	83,799	1/4	97,216	1/4	110,633	1/4	124,050
1/2	3,938	1/2	17,320	1/2	30,737	1/2	43,828	1/2	57,245	1/2	70,662	1/2	84,079	1/2	97,496	1/2	110,913	1/2	124,329
3/4	4,212	3/4	17,600	3/4	31,016	3/4	44,107	3/4	57,524	3/4	70,941	3/4	84,358	3/4	97,775	3/4	111,192	3/4	124,609
7	4,486	7	17,879	7	31,296	7	44,387	7	57,804	7	71,221	7	84,638	7	98,055	7	111,472	7	124,889
1/4	4,763	1/4	18,159	1/4	31,567	1/4	44,667	1/4	58,083	1/4	71,500	1/4	84,917	1/4	98,334	1/4	111,751	1/4	125,168
1/2	5,039	1/2	18,438	1/2	31,839	1/2	44,946	1/2	58,363	1/2	71,780	1/2	85,197	1/2	98,614	1/2	112,031	1/2	125,448
3/4	5,315	3/4	18,718	3/4	32,111	3/4	45,226	3/4	58,642	3/4	72,059	3/4	85,476	3/4	98,893	3/4	112,310	3/4	125,727
8	5,592	8	18,997	8	32,382	8	45,505	8	58,922	8	72,339	8	85,756	8	99,173	8	112,590	8	126,007
1/4	5,870	1/4	19,277	1/4	32,654	1/4	45,785	1/4	59,202	1/4	72,618	1/4	86,035	1/4	99,452	1/4	112,869	1/4	126,286
1/2	6,147	1/2	19,556	1/2	32,925	1/2	46,064	1/2	59,481	1/2	72,898	1/2	86,315	1/2	99,732	1/2	113,149	1/2	126,566
3/4	6,425	3/4	19,836	3/4	33,196	3/4	46,344	3/4	59,761	3/4	73,177	3/4	86,594	3/4	100,011	3/4	113,428	3/4	126,845
9	6,703	9	20,115	9	33,467	9	46,623	9	60,040	9	73,457	9	86,874	9	100,291	9	113,708	9	127,125
1/4	6,982	1/4	20,395	1/4	33,739	1/4	46,903	1/4	60,320	1/4	73,737	1/4	87,153	1/4	100,570	1/4	113,987	1/4	127,404
1/2	7,260	1/2	20,674	1/2	34,010	1/2	47,182	1/2	60,599	1/2	74,016	1/2	87,433	1/2	100,850	1/2	114,267	1/2	127,684
3/4	7,539	3/4	20,954	3/4	34,281	3/4	47,462	3/4	60,879	3/4	74,296	3/4	87,712	3/4	101,129	3/4	114,546	3/4	127,963
10	7,818	10	21,233	10	34,553	10	47,741	10	61,158	10	74,575	10	87,992	10	101,409	10	114,826	10	128,243
1/4	8,097	1/4	21,513	1/4	34,824	1/4	48,021	1/4	61,438	1/4	74,855	1/4	88,272	1/4	101,688	1/4	115,105	1/4	128,522
1/2	8,376	1/2	21,792	1/2	35,095	1/2	48,300	1/2	61,717	1/2	75,134	1/2	88,551	1/2	101,968	1/2	115,385	1/2	128,802
3/4	8,656	3/4	22,072	3/4	35,367	3/4	48,580	3/4	61,997	3/4	75,414	3/4	88,831	3/4	102,247	3/4	115,664	3/4	129,081
11	8,935	11	22,351	11	35,638	11	48,859	11	62,276	11	75,693	11	89,110	11	102,527	11	115,944	11	129,361
1/4	9,214	1/4	22,631	1/4	35,909	1/4	49,139	1/4	62,556	1/4	75,973	1/4	89,390	1/4	102,806	1/4	116,223	1/4	129,640
1/2	9,494	1/2	22,910	1/2	36,181	1/2	49,418	1/2	62,835	1/2	76,252	1/2	89,669	1/2	103,086	1/2	116,503	1/2	129,920
3/4	9,773	3/4	23,190	3/4	36,452	3/4	49,698	3/4	63,115	3/4	76,532	3/4	89,949	3/4	103,366	3/4	116,782	3/4	130,199

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1422"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	130,479	0	143,896	0	157,313	0	170,730	0	184,147	0		0		0		0		0	
1/4	130,758	1/4	144,175	1/4	157,592	1/4	171,009	1/4	184,426	1/4		1/4		1/4		1/4		1/4	
1/2	131,038	1/2	144,455	1/2	157,872	1/2	171,289	1/2	184,706	1/2		1/2		1/2		1/2		1/2	
3/4	131,317	3/4	144,734	3/4	158,151	3/4	171,568	3/4	184,985	3/4		3/4		3/4		3/4		3/4	
1	131,597	1	145,014	1	158,431	1	171,848	1	185,265	1		1		1		1		1	
1/4	131,876	1/4	145,293	1/4	158,710	1/4	172,127	1/4	185,544	1/4		1/4		1/4		1/4		1/4	
1/2	132,156	1/2	145,573	1/2	158,990	1/2	172,407	1/2	185,824	1/2		1/2		1/2		1/2		1/2	
3/4	132,436	3/4	145,852	3/4	159,269	3/4	172,686	3/4	186,103	3/4		3/4		3/4		3/4		3/4	
2	132,715	2	146,132	2	159,549	2	172,966	2	186,383	2		2		2		2		2	
1/4	132,995	1/4	146,411	1/4	159,828	1/4	173,245	1/4	186,662	1/4		1/4		1/4		1/4		1/4	
1/2	133,274	1/2	146,691	1/2	160,108	1/2	173,525	1/2	186,942	1/2		1/2		1/2		1/2		1/2	
3/4	133,554	3/4	146,971	3/4	160,387	3/4	173,804	3/4	187,221	3/4		3/4		3/4		3/4		3/4	
3	133,833	3	147,250	3	160,667	3	174,084	3	187,501	3		3		3		3		3	
1/4	134,113	1/4	147,530	1/4	160,946	1/4	174,363	1/4	187,757	1/4		1/4		1/4		1/4		1/4	
1/2	134,392	1/2	147,809	1/2	161,226	1/2	174,643	1/2	188,013	1/2		1/2		1/2		1/2		1/2	
3/4	134,672	3/4	148,089	3/4	161,506	3/4	174,922	3/4	188,269	3/4		3/4		3/4		3/4		3/4	
4	134,951	4	148,368	4	161,785	4	175,202	4	188,526	4		4		4		4		4	
1/4	135,231	1/4	148,648	1/4	162,065	1/4	175,481	1/4	188,735	1/4		1/4		1/4		1/4		1/4	
1/2	135,510	1/2	148,927	1/2	162,344	1/2	175,761	1/2	188,945	1/2		1/2		1/2		1/2		1/2	
3/4	135,790	3/4	149,207	3/4	162,624	3/4	176,040	3/4	189,155	3/4		3/4		3/4		3/4		3/4	
5	136,069	5	149,486	5	162,903	5	176,320	5	189,364	5		5		5		5		5	
1/4	136,349	1/4	149,766	1/4	163,183	1/4	176,600	1/4	189,527	1/4		1/4		1/4		1/4		1/4	
1/2	136,628	1/2	150,045	1/2	163,462	1/2	176,879	1/2	189,690	1/2		1/2		1/2		1/2		1/2	
3/4	136,908	3/4	150,325	3/4	163,742	3/4	177,159	3/4	189,853	3/4		3/4		3/4		3/4		3/4	
6	137,187	6	150,604	6	164,021	6	177,438	6	190,016	6		6		6		6		6	
1/4	137,467	1/4	150,884	1/4	164,301	1/4	177,718	1/4	190,133	1/4		1/4		1/4		1/4		1/4	
1/2	137,746	1/2	151,163	1/2	164,580	1/2	177,997	1/2	190,249	1/2		1/2		1/2		1/2		1/2	
3/4	138,026	3/4	151,443	3/4	164,860	3/4	178,277	3/4	190,366	3/4		3/4		3/4		3/4		3/4	
7	138,305	7	151,722	7	165,139	7	178,556	7	190,482	7		7		7		7		7	
1/4	138,585	1/4	152,002	1/4	165,419	1/4	178,836	1/4	190,552	1/4		1/4		1/4		1/4		1/4	
1/2	138,864	1/2	152,281	1/2	165,698	1/2	179,115	1/2	190,622	1/2		1/2		1/2		1/2		1/2	
3/4	139,144	3/4	152,561	3/4	165,978	3/4	179,395	3/4	190,692	3/4		3/4		3/4		3/4		3/4	
8	139,423	8	152,840	8	166,257	8	179,674	8	190,762	8		8		8		8		8	
1/4	139,703	1/4	153,120	1/4	166,537	1/4	179,954	1/4	190,785	1/4		1/4		1/4		1/4		1/4	
1/2	139,983	1/2	153,399	1/2	166,816	1/2	180,233	1/2	190,808	1/2		1/2		1/2		1/2		1/2	
3/4	140,262	3/4	153,679	3/4	167,096	3/4	180,513	3/4		3/4		3/4		3/4		3/4		3/4	
9	140,542	9	153,958	9	167,375	9	180,792	9		9		9		9		9		9	
1/4	140,821	1/4	154,238	1/4	167,655	1/4	181,072	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141,101	1/2	154,518	1/2	167,934	1/2	181,351	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	141,380	3/4	154,797	3/4	168,214	3/4	181,631	3/4		3/4		3/4		3/4		3/4		3/4	
10	141,660	10	155,077	10	168,493	10	181,910	10		10		10		10		10		10	
1/4	141,939	1/4	155,356	1/4	168,773	1/4	182,190	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	142,219	1/2	155,636	1/2	169,053	1/2	182,469	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	142,498	3/4	155,915	3/4	169,332	3/4	182,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	142,778	11	156,195	11	169,612	11	183,028	11		11		11		11		11		11	
1/4	143,057	1/4	156,474	1/4	169,891	1/4	183,308	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143,337	1/2	156,754	1/2	170,171	1/2	183,588	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	143,616	3/4	157,033	3/4	170,450	3/4	183,867	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/4/2020 SW
CALCULATED: 03/05/2020 CL
PRINTED: 03/06/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020



BARGE "CBC 1422"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	8,998	0	21,002	0	32,992	0	44,985	0	56,989	0	68,993	0	80,997	0	93,002	0	105,006
1/4	60	1/4	9,249	1/4	21,252	1/4	33,241	1/4	45,235	1/4	57,239	1/4	69,243	1/4	81,248	1/4	93,252	1/4	105,256
1/2	81	1/2	9,499	1/2	21,502	1/2	33,491	1/2	45,485	1/2	57,489	1/2	69,493	1/2	81,498	1/2	93,502	1/2	105,506
3/4	102	3/4	9,749	3/4	21,753	3/4	33,740	3/4	45,735	3/4	57,739	3/4	69,743	3/4	81,748	3/4	93,752	3/4	105,756
1	123	1	9,999	1	22,003	1	33,989	1	45,985	1	57,989	1	69,994	1	81,998	1	94,002	1	106,006
1/4	185	1/4	10,249	1/4	22,253	1/4	34,239	1/4	46,235	1/4	58,239	1/4	70,244	1/4	82,248	1/4	94,252	1/4	106,256
1/2	248	1/2	10,499	1/2	22,503	1/2	34,488	1/2	46,485	1/2	58,489	1/2	70,494	1/2	82,498	1/2	94,502	1/2	106,507
3/4	310	3/4	10,749	3/4	22,753	3/4	34,737	3/4	46,735	3/4	58,740	3/4	70,744	3/4	82,748	3/4	94,752	3/4	106,757
2	373	2	10,999	2	23,003	2	34,987	2	46,985	2	58,990	2	70,994	2	82,998	2	95,002	2	107,007
1/4	477	1/4	11,249	1/4	23,253	1/4	35,236	1/4	47,235	1/4	59,240	1/4	71,244	1/4	83,248	1/4	95,253	1/4	107,257
1/2	581	1/2	11,499	1/2	23,503	1/2	35,486	1/2	47,486	1/2	59,490	1/2	71,494	1/2	83,498	1/2	95,503	1/2	107,507
3/4	685	3/4	11,749	3/4	23,753	3/4	35,735	3/4	47,736	3/4	59,740	3/4	71,744	3/4	83,748	3/4	95,753	3/4	107,757
3	790	3	11,999	3	24,003	3	35,984	3	47,986	3	59,990	3	71,994	3	83,998	3	96,003	3	108,007
1/4	935	1/4	12,249	1/4	24,253	1/4	36,234	1/4	48,236	1/4	60,240	1/4	72,244	1/4	84,249	1/4	96,253	1/4	108,257
1/2	1,081	1/2	12,500	1/2	24,503	1/2	36,483	1/2	48,486	1/2	60,490	1/2	72,494	1/2	84,499	1/2	96,503	1/2	108,507
3/4	1,227	3/4	12,750	3/4	24,753	3/4	36,732	3/4	48,736	3/4	60,740	3/4	72,744	3/4	84,749	3/4	96,753	3/4	108,757
4	1,373	4	13,000	4	25,004	4	36,982	4	48,986	4	60,990	4	72,995	4	84,999	4	97,003	4	109,007
1/4	1,561	1/4	13,250	1/4	25,254	1/4	37,232	1/4	49,236	1/4	61,240	1/4	73,245	1/4	85,249	1/4	97,253	1/4	109,257
1/2	1,748	1/2	13,500	1/2	25,504	1/2	37,482	1/2	49,486	1/2	61,490	1/2	73,495	1/2	85,499	1/2	97,503	1/2	109,508
3/4	1,936	3/4	13,750	3/4	25,754	3/4	37,732	3/4	49,736	3/4	61,741	3/4	73,745	3/4	85,749	3/4	97,753	3/4	109,758
5	2,123	5	14,000	5	26,004	5	37,982	5	49,986	5	61,991	5	73,995	5	85,999	5	98,003	5	110,008
1/4	2,352	1/4	14,250	1/4	26,254	1/4	38,232	1/4	50,236	1/4	62,241	1/4	74,245	1/4	86,249	1/4	98,254	1/4	110,258
1/2	2,580	1/2	14,500	1/2	26,504	1/2	38,482	1/2	50,487	1/2	62,491	1/2	74,495	1/2	86,499	1/2	98,504	1/2	110,508
3/4	2,809	3/4	14,750	3/4	26,754	3/4	38,732	3/4	50,737	3/4	62,741	3/4	74,745	3/4	86,749	3/4	98,754	3/4	110,758
6	3,038	6	15,000	6	27,004	6	38,982	6	50,987	6	62,991	6	74,995	6	87,000	6	99,004	6	111,008
1/4	3,283	1/4	15,250	1/4	27,254	1/4	39,233	1/4	51,237	1/4	63,241	1/4	75,245	1/4	87,250	1/4	99,254	1/4	111,258
1/2	3,528	1/2	15,501	1/2	27,504	1/2	39,483	1/2	51,487	1/2	63,491	1/2	75,495	1/2	87,500	1/2	99,504	1/2	111,508
3/4	3,773	3/4	15,751	3/4	27,753	3/4	39,733	3/4	51,737	3/4	63,741	3/4	75,746	3/4	87,750	3/4	99,754	3/4	111,758
7	4,018	7	16,001	7	28,003	7	39,983	7	51,987	7	63,991	7	75,996	7	88,000	7	100,004	7	112,008
1/4	4,265	1/4	16,251	1/4	28,253	1/4	40,233	1/4	52,237	1/4	64,241	1/4	76,246	1/4	88,250	1/4	100,254	1/4	112,259
1/2	4,513	1/2	16,501	1/2	28,503	1/2	40,483	1/2	52,487	1/2	64,492	1/2	76,496	1/2	88,500	1/2	100,504	1/2	112,509
3/4	4,760	3/4	16,751	3/4	28,752	3/4	40,733	3/4	52,737	3/4	64,742	3/4	76,746	3/4	88,750	3/4	100,754	3/4	112,759
8	5,007	8	17,001	8	29,002	8	40,983	8	52,987	8	64,992	8	76,996	8	89,000	8	101,005	8	113,009
1/4	5,256	1/4	17,251	1/4	29,251	1/4	41,233	1/4	53,238	1/4	65,242	1/4	77,246	1/4	89,250	1/4	101,255	1/4	113,259
1/2	5,504	1/2	17,501	1/2	29,501	1/2	41,483	1/2	53,488	1/2	65,492	1/2	77,496	1/2	89,500	1/2	101,505	1/2	113,509
3/4	5,753	3/4	17,751	3/4	29,750	3/4	41,733	3/4	53,738	3/4	65,742	3/4	77,746	3/4	89,751	3/4	101,755	3/4	113,759
9	6,001	9	18,001	9	29,999	9	41,984	9	53,988	9	65,992	9	77,996	9	90,001	9	102,005	9	114,009
1/4	6,251	1/4	18,251	1/4	30,249	1/4	42,234	1/4	54,238	1/4	66,242	1/4	78,246	1/4	90,251	1/4	102,255	1/4	114,259
1/2	6,500	1/2	18,501	1/2	30,498	1/2	42,484	1/2	54,488	1/2	66,492	1/2	78,497	1/2	90,501	1/2	102,505	1/2	114,509
3/4	6,749	3/4	18,752	3/4	30,748	3/4	42,734	3/4	54,738	3/4	66,742	3/4	78,747	3/4	90,751	3/4	102,755	3/4	114,759
10	6,999	10	19,002	10	30,997	10	42,984	10	54,988	10	66,992	10	78,997	10	91,001	10	103,005	10	115,010
1/4	7,249	1/4	19,252	1/4	31,246	1/4	43,234	1/4	55,238	1/4	67,243	1/4	79,247	1/4	91,251	1/4	103,255	1/4	115,260
1/2	7,498	1/2	19,502	1/2	31,496	1/2	43,484	1/2	55,488	1/2	67,493	1/2	79,497	1/2	91,501	1/2	103,505	1/2	115,510
3/4	7,748	3/4	19,752	3/4	31,745	3/4	43,734	3/4	55,738	3/4	67,743	3/4	79,747	3/4	91,751	3/4	103,756	3/4	115,760
11	7,998	11	20,002	11	31,994	11	43,984	11	55,989	11	67,993	11	79,997	11	92,001	11	104,006	11	116,010
1/4	8,248	1/4	20,252	1/4	32,244	1/4	44,234	1/4	56,239	1/4	68,243	1/4	80,247	1/4	92,251	1/4	104,256	1/4	116,260
1/2	8,498	1/2	20,502	1/2	32,493	1/2	44,484	1/2	56,489	1/2	68,493	1/2	80,497	1/2	92,502	1/2	104,506	1/2	116,510
3/4	8,748	3/4	20,752	3/4	32,743	3/4	44,735	3/4	56,739	3/4	68,743	3/4	80,747	3/4	92,752	3/4	104,756	3/4	116,760

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
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P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1422"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	117,010	0	129,015	0	141,019	0	153,023	0	165,027	0		0		0		0		0	
1/4	117,260	1/4	129,265	1/4	141,269	1/4	153,273	1/4	165,277	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,510	1/2	129,515	1/2	141,519	1/2	153,523	1/2	165,528	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117,761	3/4	129,765	3/4	141,769	3/4	153,773	3/4	165,778	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,011	1	130,015	1	142,019	1	154,023	1	166,028	1		1		1		1		1	
1/4	118,261	1/4	130,265	1/4	142,269	1/4	154,274	1/4	166,278	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,511	1/2	130,515	1/2	142,519	1/2	154,524	1/2	166,528	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,761	3/4	130,765	3/4	142,769	3/4	154,774	3/4	166,778	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,011	2	131,015	2	143,020	2	155,024	2	167,028	2		2		2		2		2	
1/4	119,261	1/4	131,265	1/4	143,270	1/4	155,274	1/4	167,278	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,511	1/2	131,515	1/2	143,520	1/2	155,524	1/2	167,528	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,761	3/4	131,765	3/4	143,770	3/4	155,774	3/4	167,778	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,011	3	132,016	3	144,020	3	156,024	3	168,028	3		3		3		3		3	
1/4	120,261	1/4	132,266	1/4	144,270	1/4	156,274	1/4	168,258	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,511	1/2	132,516	1/2	144,520	1/2	156,524	1/2	168,487	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,762	3/4	132,766	3/4	144,770	3/4	156,774	3/4	168,716	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,012	4	133,016	4	145,020	4	157,024	4	168,945	4		4		4		4		4	
1/4	121,262	1/4	133,266	1/4	145,270	1/4	157,275	1/4	169,133	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,512	1/2	133,516	1/2	145,520	1/2	157,525	1/2	169,321	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,762	3/4	133,766	3/4	145,770	3/4	157,775	3/4	169,508	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,012	5	134,016	5	146,021	5	158,025	5	169,696	5		5		5		5		5	
1/4	122,262	1/4	134,266	1/4	146,271	1/4	158,275	1/4	169,842	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,512	1/2	134,516	1/2	146,521	1/2	158,525	1/2	169,987	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,762	3/4	134,767	3/4	146,771	3/4	158,775	3/4	170,133	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,012	6	135,017	6	147,021	6	159,025	6	170,279	6		6		6		6		6	
1/4	123,262	1/4	135,267	1/4	147,271	1/4	159,275	1/4	170,383	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,513	1/2	135,517	1/2	147,521	1/2	159,525	1/2	170,488	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,763	3/4	135,767	3/4	147,771	3/4	159,775	3/4	170,592	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,013	7	136,017	7	148,021	7	160,026	7	170,696	7		7		7		7		7	
1/4	124,263	1/4	136,267	1/4	148,271	1/4	160,276	1/4	170,759	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,513	1/2	136,517	1/2	148,521	1/2	160,526	1/2	170,821	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,763	3/4	136,767	3/4	148,772	3/4	160,776	3/4	170,884	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,013	8	137,017	8	149,022	8	161,026	8	170,946	8		8		8		8		8	
1/4	125,263	1/4	137,267	1/4	149,272	1/4	161,276	1/4	170,967	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,513	1/2	137,518	1/2	149,522	1/2	161,526	1/2	170,988	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,763	3/4	137,768	3/4	149,772	3/4	161,776	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,013	9	138,018	9	150,022	9	162,026	9		9		9		9		9		9	
1/4	126,264	1/4	138,268	1/4	150,272	1/4	162,276	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,514	1/2	138,518	1/2	150,522	1/2	162,526	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,764	3/4	138,768	3/4	150,772	3/4	162,777	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,014	10	139,018	10	151,022	10	163,027	10		10		10		10		10		10	
1/4	127,264	1/4	139,268	1/4	151,272	1/4	163,277	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,514	1/2	139,518	1/2	151,523	1/2	163,527	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,764	3/4	139,768	3/4	151,773	3/4	163,777	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,014	11	140,018	11	152,023	11	164,027	11		11		11		11		11		11	
1/4	128,264	1/4	140,269	1/4	152,273	1/4	164,277	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,514	1/2	140,519	1/2	152,523	1/2	164,527	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,764	3/4	140,769	3/4	152,773	3/4	164,777	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/4/2020 SW
CALCULATED: 03/05/2020 CL
PRINTED: 03/06/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.dmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020