



BARGE "CBC 1424"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<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	- 01-0/8	01-0/8
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"

May 26, 2020

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

<http://www.pmacorp.net>



BARGE "CBC 1424"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	8,705	0	20,317	0	31,746	0	43,215	0	54,798	0	66,382	0	77,942	0	89,505	0	101,093
1/4	60	1/4	8,947	1/4	20,559	1/4	31,980	1/4	43,456	1/4	55,040	1/4	66,623	1/4	78,182	1/4	89,746	1/4	101,334
1/2	80	1/2	9,189	1/2	20,801	1/2	32,214	1/2	43,697	1/2	55,281	1/2	66,865	1/2	78,422	1/2	89,987	1/2	101,576
3/4	100	3/4	9,431	3/4	21,043	3/4	32,448	3/4	43,939	3/4	55,522	3/4	67,106	3/4	78,662	3/4	90,229	3/4	101,817
1	120	1	9,673	1	21,285	1	32,682	1	44,180	1	55,764	1	67,347	1	78,902	1	90,470	1	102,058
1/4	180	1/4	9,915	1/4	21,527	1/4	32,916	1/4	44,421	1/4	56,005	1/4	67,589	1/4	79,142	1/4	90,712	1/4	102,300
1/2	241	1/2	10,157	1/2	21,768	1/2	33,151	1/2	44,662	1/2	56,246	1/2	67,830	1/2	79,382	1/2	90,953	1/2	102,541
3/4	301	3/4	10,399	3/4	22,010	3/4	33,385	3/4	44,904	3/4	56,487	3/4	68,071	3/4	79,622	3/4	91,195	3/4	102,783
2	362	2	10,641	2	22,252	2	33,619	2	45,145	2	56,729	2	68,312	2	79,862	2	91,436	2	103,024
1/4	463	1/4	10,883	1/4	22,494	1/4	33,853	1/4	45,386	1/4	56,970	1/4	68,554	1/4	80,102	1/4	91,677	1/4	103,266
1/2	563	1/2	11,124	1/2	22,736	1/2	34,087	1/2	45,628	1/2	57,211	1/2	68,795	1/2	80,342	1/2	91,919	1/2	103,507
3/4	664	3/4	11,366	3/4	22,978	3/4	34,321	3/4	45,869	3/4	57,453	3/4	69,036	3/4	80,582	3/4	92,160	3/4	103,748
3	765	3	11,608	3	23,220	3	34,555	3	46,110	3	57,694	3	69,278	3	80,822	3	92,402	3	103,990
1/4	906	1/4	11,850	1/4	23,462	1/4	34,790	1/4	46,352	1/4	57,935	1/4	69,519	1/4	81,062	1/4	92,643	1/4	104,231
1/2	1,047	1/2	12,092	1/2	23,704	1/2	35,024	1/2	46,593	1/2	58,177	1/2	69,760	1/2	81,302	1/2	92,884	1/2	104,473
3/4	1,188	3/4	12,334	3/4	23,946	3/4	35,258	3/4	46,834	3/4	58,418	3/4	70,002	3/4	81,542	3/4	93,126	3/4	104,714
4	1,329	4	12,576	4	24,188	4	35,492	4	47,076	4	58,659	4	70,243	4	81,782	4	93,367	4	104,955
1/4	1,511	1/4	12,818	1/4	24,429	1/4	35,733	1/4	47,317	1/4	58,901	1/4	70,484	1/4	82,023	1/4	93,609	1/4	105,197
1/2	1,692	1/2	13,060	1/2	24,671	1/2	35,975	1/2	47,558	1/2	59,142	1/2	70,726	1/2	82,263	1/2	93,850	1/2	105,438
3/4	1,874	3/4	13,302	3/4	24,913	3/4	36,216	3/4	47,800	3/4	59,383	3/4	70,967	3/4	82,504	3/4	94,092	3/4	105,680
5	2,055	5	13,544	5	25,155	5	36,457	5	48,041	5	59,625	5	71,208	5	82,745	5	94,333	5	105,921
1/4	2,276	1/4	13,785	1/4	25,397	1/4	36,699	1/4	48,282	1/4	59,866	1/4	71,450	1/4	82,986	1/4	94,574	1/4	106,163
1/2	2,497	1/2	14,027	1/2	25,639	1/2	36,940	1/2	48,524	1/2	60,107	1/2	71,691	1/2	83,227	1/2	94,816	1/2	106,404
3/4	2,718	3/4	14,269	3/4	25,881	3/4	37,181	3/4	48,765	3/4	60,349	3/4	71,932	3/4	83,469	3/4	95,057	3/4	106,645
6	2,939	6	14,511	6	26,123	6	37,423	6	49,006	6	60,590	6	72,174	6	83,710	6	95,299	6	106,887
1/4	3,176	1/4	14,753	1/4	26,357	1/4	37,664	1/4	49,248	1/4	60,831	1/4	72,414	1/4	83,952	1/4	95,540	1/4	107,128
1/2	3,413	1/2	14,995	1/2	26,592	1/2	37,905	1/2	49,489	1/2	61,073	1/2	72,655	1/2	84,193	1/2	95,782	1/2	107,370
3/4	3,651	3/4	15,237	3/4	26,826	3/4	38,147	3/4	49,730	3/4	61,314	3/4	72,896	3/4	84,435	3/4	96,023	3/4	107,611
7	3,888	7	15,479	7	27,061	7	38,388	7	49,972	7	61,555	7	73,137	7	84,676	7	96,264	7	107,853
1/4	4,127	1/4	15,721	1/4	27,296	1/4	38,629	1/4	50,213	1/4	61,797	1/4	73,377	1/4	84,917	1/4	96,506	1/4	108,094
1/2	4,366	1/2	15,963	1/2	27,530	1/2	38,871	1/2	50,454	1/2	62,038	1/2	73,618	1/2	85,159	1/2	96,747	1/2	108,335
3/4	4,605	3/4	16,205	3/4	27,765	3/4	39,112	3/4	50,696	3/4	62,279	3/4	73,859	3/4	85,400	3/4	96,989	3/4	108,577
8	4,844	8	16,446	8	27,999	8	39,353	8	50,937	8	62,521	8	74,100	8	85,642	8	97,230	8	108,818
1/4	5,085	1/4	16,688	1/4	28,233	1/4	39,595	1/4	51,178	1/4	62,762	1/4	74,340	1/4	85,883	1/4	97,471	1/4	109,060
1/2	5,325	1/2	16,930	1/2	28,467	1/2	39,836	1/2	51,420	1/2	63,003	1/2	74,581	1/2	86,125	1/2	97,713	1/2	109,301
3/4	5,566	3/4	17,172	3/4	28,702	3/4	40,077	3/4	51,661	3/4	63,245	3/4	74,822	3/4	86,366	3/4	97,954	3/4	109,542
9	5,806	9	17,414	9	28,936	9	40,319	9	51,902	9	63,486	9	75,063	9	86,607	9	98,196	9	109,784
1/4	6,047	1/4	17,656	1/4	29,170	1/4	40,560	1/4	52,144	1/4	63,727	1/4	75,303	1/4	86,849	1/4	98,437	1/4	110,025
1/2	6,289	1/2	17,898	1/2	29,404	1/2	40,801	1/2	52,385	1/2	63,969	1/2	75,543	1/2	87,090	1/2	98,679	1/2	110,267
3/4	6,530	3/4	18,140	3/4	29,638	3/4	41,043	3/4	52,626	3/4	64,210	3/4	75,782	3/4	87,332	3/4	98,920	3/4	110,508
10	6,771	10	18,382	10	29,872	10	41,284	10	52,868	10	64,451	10	76,022	10	87,573	10	99,161	10	110,750
1/4	7,013	1/4	18,624	1/4	30,107	1/4	41,525	1/4	53,109	1/4	64,693	1/4	76,262	1/4	87,815	1/4	99,403	1/4	110,991
1/2	7,254	1/2	18,866	1/2	30,341	1/2	41,767	1/2	53,350	1/2	64,934	1/2	76,502	1/2	88,056	1/2	99,644	1/2	111,232
3/4	7,496	3/4	19,107	3/4	30,575	3/4	42,008	3/4	53,592	3/4	65,175	3/4	76,742	3/4	88,297	3/4	99,886	3/4	111,474
11	7,738	11	19,349	11	30,809	11	42,249	11	53,833	11	65,417	11	76,982	11	88,539	11	100,127	11	111,715
1/4	7,980	1/4	19,591	1/4	31,043	1/4	42,491	1/4	54,074	1/4	65,658	1/4	77,222	1/4	88,780	1/4	100,369	1/4	111,957
1/2	8,222	1/2	19,833	1/2	31,277	1/2	42,732	1/2	54,316	1/2	65,899	1/2	77,462	1/2	89,022	1/2	100,610	1/2	112,198
3/4	8,464	3/4	20,075	3/4	31,511	3/4	42,973	3/4	54,557	3/4	66,141	3/4	77,702	3/4	89,263	3/4	100,851	3/4	112,440

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
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BARGE "CBC 1424"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN									
0	112,681	0	122,218	0	130,339	0	138,461	0	146,582	0		0		0		0		0	
1/4	112,922	1/4	122,387	1/4	130,509	1/4	138,630	1/4	146,751	1/4		1/4		1/4		1/4		1/4	
1/2	113,163	1/2	122,556	1/2	130,678	1/2	138,799	1/2	146,921	1/2		1/2		1/2		1/2		1/2	
3/4	113,404	3/4	122,725	3/4	130,847	3/4	138,968	3/4	147,090	3/4		3/4		3/4		3/4		3/4	
1	113,644	1	122,895	1	131,016	1	139,138	1	147,259	1		1		1		1		1	
1/4	113,885	1/4	123,064	1/4	131,185	1/4	139,307	1/4	147,428	1/4		1/4		1/4		1/4		1/4	
1/2	114,126	1/2	123,233	1/2	131,354	1/2	139,476	1/2	147,597	1/2		1/2		1/2		1/2		1/2	
3/4	114,367	3/4	123,402	3/4	131,524	3/4	139,645	3/4	147,767	3/4		3/4		3/4		3/4		3/4	
2	114,608	2	123,571	2	131,693	2	139,814	2	147,936	2		2		2		2		2	
1/4	114,849	1/4	123,741	1/4	131,862	1/4	139,984	1/4	148,105	1/4		1/4		1/4		1/4		1/4	
1/2	115,090	1/2	123,910	1/2	132,031	1/2	140,153	1/2	148,274	1/2		1/2		1/2		1/2		1/2	
3/4	115,330	3/4	124,079	3/4	132,200	3/4	140,322	3/4	148,443	3/4		3/4		3/4		3/4		3/4	
3	115,571	3	124,248	3	132,370	3	140,491	3	148,613	3		3		3		3		3	
1/4	115,812	1/4	124,417	1/4	132,539	1/4	140,660	1/4	148,834	1/4		1/4		1/4		1/4		1/4	
1/2	116,053	1/2	124,587	1/2	132,708	1/2	140,830	1/2	149,056	1/2		1/2		1/2		1/2		1/2	
3/4	116,294	3/4	124,756	3/4	132,877	3/4	140,999	3/4	149,278	3/4		3/4		3/4		3/4		3/4	
4	116,535	4	124,925	4	133,046	4	141,168	4	149,500	4		4		4		4		4	
1/4	116,776	1/4	125,094	1/4	133,216	1/4	141,337	1/4	149,681	1/4		1/4		1/4		1/4		1/4	
1/2	117,016	1/2	125,263	1/2	133,385	1/2	141,506	1/2	149,863	1/2		1/2		1/2		1/2		1/2	
3/4	117,257	3/4	125,433	3/4	133,554	3/4	141,676	3/4	150,044	3/4		3/4		3/4		3/4		3/4	
5	117,498	5	125,602	5	133,723	5	141,845	5	150,225	5		5		5		5		5	
1/4	117,666	1/4	125,771	1/4	133,892	1/4	142,014	1/4	150,367	1/4		1/4		1/4		1/4		1/4	
1/2	117,834	1/2	125,940	1/2	134,062	1/2	142,183	1/2	150,508	1/2		1/2		1/2		1/2		1/2	
3/4	118,003	3/4	126,109	3/4	134,231	3/4	142,352	3/4	150,649	3/4		3/4		3/4		3/4		3/4	
6	118,171	6	126,279	6	134,400	6	142,522	6	150,790	6		6		6		6		6	
1/4	118,339	1/4	126,448	1/4	134,569	1/4	142,691	1/4	150,891	1/4		1/4		1/4		1/4		1/4	
1/2	118,508	1/2	126,617	1/2	134,738	1/2	142,860	1/2	150,991	1/2		1/2		1/2		1/2		1/2	
3/4	118,677	3/4	126,786	3/4	134,908	3/4	143,029	3/4	151,092	3/4		3/4		3/4		3/4		3/4	
7	118,845	7	126,955	7	135,077	7	143,198	7	151,193	7		7		7		7		7	
1/4	119,014	1/4	127,125	1/4	135,246	1/4	143,368	1/4	151,254	1/4		1/4		1/4		1/4		1/4	
1/2	119,182	1/2	127,294	1/2	135,415	1/2	143,537	1/2	151,314	1/2		1/2		1/2		1/2		1/2	
3/4	119,351	3/4	127,463	3/4	135,584	3/4	143,706	3/4	151,375	3/4		3/4		3/4		3/4		3/4	
8	119,520	8	127,632	8	135,754	8	143,875	8	151,435	8		8		8		8		8	
1/4	119,688	1/4	127,801	1/4	135,923	1/4	144,044	1/4	151,455	1/4		1/4		1/4		1/4		1/4	
1/2	119,857	1/2	127,971	1/2	136,092	1/2	144,214	1/2	151,475	1/2		1/2		1/2		1/2		1/2	
3/4	120,026	3/4	128,140	3/4	136,261	3/4	144,383	3/4		3/4		3/4		3/4		3/4		3/4	
9	120,194	9	128,309	9	136,430	9	144,552	9		9		9		9		9		9	
1/4	120,363	1/4	128,478	1/4	136,600	1/4	144,721	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,532	1/2	128,647	1/2	136,769	1/2	144,890	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,700	3/4	128,817	3/4	136,938	3/4	145,060	3/4		3/4		3/4		3/4		3/4		3/4	
10	120,869	10	128,986	10	137,107	10	145,229	10		10		10		10		10		10	
1/4	121,037	1/4	129,155	1/4	137,276	1/4	145,398	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,206	1/2	129,324	1/2	137,446	1/2	145,567	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,375	3/4	129,493	3/4	137,615	3/4	145,736	3/4		3/4		3/4		3/4		3/4		3/4	
11	121,543	11	129,663	11	137,784	11	145,905	11		11		11		11		11		11	
1/4	121,712	1/4	129,832	1/4	137,953	1/4	146,075	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,881	1/2	130,001	1/2	138,122	1/2	146,244	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,049	3/4	130,170	3/4	138,292	3/4	146,413	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/26/2020 CL
PRINTED: 05/26/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

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



BARGE "CBC 1424"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	10,058	0	23,482	0	36,743	0	50,005	0	63,429	0	76,854	0	90,278	0	103,702	0	117,127
1/4	63	1/4	10,338	1/4	23,762	1/4	37,015	1/4	50,285	1/4	63,709	1/4	77,133	1/4	90,558	1/4	103,982	1/4	117,406
1/2	86	1/2	10,618	1/2	24,042	1/2	37,286	1/2	50,564	1/2	63,989	1/2	77,413	1/2	90,837	1/2	104,262	1/2	117,686
3/4	109	3/4	10,897	3/4	24,321	3/4	37,558	3/4	50,844	3/4	64,268	3/4	77,693	3/4	91,117	3/4	104,541	3/4	117,966
1	133	1	11,177	1	24,601	1	37,829	1	51,124	1	64,548	1	77,972	1	91,397	1	104,821	1	118,245
1/4	202	1/4	11,457	1/4	24,881	1/4	38,101	1/4	51,403	1/4	64,828	1/4	78,252	1/4	91,676	1/4	105,101	1/4	118,525
1/2	272	1/2	11,736	1/2	25,160	1/2	38,372	1/2	51,683	1/2	65,107	1/2	78,532	1/2	91,956	1/2	105,380	1/2	118,805
3/4	342	3/4	12,016	3/4	25,440	3/4	38,644	3/4	51,963	3/4	65,387	3/4	78,811	3/4	92,236	3/4	105,660	3/4	119,084
2	412	2	12,296	2	25,720	2	38,915	2	52,242	2	65,667	2	79,091	2	92,515	2	105,940	2	119,364
1/4	529	1/4	12,575	1/4	25,999	1/4	39,187	1/4	52,522	1/4	65,946	1/4	79,371	1/4	92,795	1/4	106,219	1/4	119,644
1/2	645	1/2	12,855	1/2	26,279	1/2	39,458	1/2	52,802	1/2	66,226	1/2	79,650	1/2	93,075	1/2	106,499	1/2	119,923
3/4	762	3/4	13,135	3/4	26,559	3/4	39,729	3/4	53,081	3/4	66,506	3/4	79,930	3/4	93,354	3/4	106,779	3/4	120,203
3	878	3	13,414	3	26,838	3	40,001	3	53,361	3	66,785	3	80,210	3	93,634	3	107,058	3	120,483
1/4	1,041	1/4	13,694	1/4	27,118	1/4	40,272	1/4	53,641	1/4	67,065	1/4	80,489	1/4	93,914	1/4	107,338	1/4	120,762
1/2	1,205	1/2	13,974	1/2	27,397	1/2	40,544	1/2	53,920	1/2	67,345	1/2	80,769	1/2	94,193	1/2	107,618	1/2	121,042
3/4	1,368	3/4	14,253	3/4	27,677	3/4	40,815	3/4	54,200	3/4	67,624	3/4	81,049	3/4	94,473	3/4	107,897	3/4	121,322
4	1,531	4	14,533	4	27,957	4	41,087	4	54,480	4	67,904	4	81,328	4	94,753	4	108,177	4	121,601
1/4	1,741	1/4	14,813	1/4	28,236	1/4	41,359	1/4	54,759	1/4	68,184	1/4	81,608	1/4	95,032	1/4	108,457	1/4	121,881
1/2	1,950	1/2	15,092	1/2	28,516	1/2	41,630	1/2	55,039	1/2	68,463	1/2	81,888	1/2	95,312	1/2	108,736	1/2	122,161
3/4	2,160	3/4	15,372	3/4	28,796	3/4	41,902	3/4	55,319	3/4	68,743	3/4	82,167	3/4	95,592	3/4	109,016	3/4	122,440
5	2,370	5	15,652	5	29,075	5	42,174	5	55,598	5	69,023	5	82,447	5	95,871	5	109,296	5	122,720
1/4	2,625	1/4	15,931	1/4	29,355	1/4	42,454	1/4	55,878	1/4	69,302	1/4	82,727	1/4	96,151	1/4	109,575	1/4	123,000
1/2	2,881	1/2	16,211	1/2	29,635	1/2	42,733	1/2	56,158	1/2	69,582	1/2	83,006	1/2	96,431	1/2	109,855	1/2	123,279
3/4	3,137	3/4	16,491	3/4	29,914	3/4	43,013	3/4	56,437	3/4	69,862	3/4	83,286	3/4	96,710	3/4	110,135	3/4	123,559
6	3,392	6	16,770	6	30,194	6	43,293	6	56,717	6	70,141	6	83,566	6	96,990	6	110,414	6	123,839
1/4	3,666	1/4	17,050	1/4	30,474	1/4	43,572	1/4	56,997	1/4	70,421	1/4	83,845	1/4	97,270	1/4	110,694	1/4	124,118
1/2	3,940	1/2	17,330	1/2	30,753	1/2	43,852	1/2	57,276	1/2	70,701	1/2	84,125	1/2	97,549	1/2	110,974	1/2	124,398
3/4	4,215	3/4	17,609	3/4	31,033	3/4	44,132	3/4	57,556	3/4	70,980	3/4	84,405	3/4	97,829	3/4	111,253	3/4	124,678
7	4,489	7	17,889	7	31,313	7	44,411	7	57,836	7	71,260	7	84,684	7	98,109	7	111,533	7	124,957
1/4	4,765	1/4	18,169	1/4	31,585	1/4	44,691	1/4	58,115	1/4	71,540	1/4	84,964	1/4	98,388	1/4	111,813	1/4	125,237
1/2	5,042	1/2	18,448	1/2	31,856	1/2	44,971	1/2	58,395	1/2	71,819	1/2	85,244	1/2	98,668	1/2	112,092	1/2	125,517
3/4	5,318	3/4	18,728	3/4	32,128	3/4	45,250	3/4	58,675	3/4	72,099	3/4	85,523	3/4	98,948	3/4	112,372	3/4	125,796
8	5,595	8	19,008	8	32,400	8	45,530	8	58,954	8	72,379	8	85,803	8	99,227	8	112,652	8	126,076
1/4	5,873	1/4	19,287	1/4	32,672	1/4	45,810	1/4	59,234	1/4	72,658	1/4	86,083	1/4	99,507	1/4	112,931	1/4	126,356
1/2	6,151	1/2	19,567	1/2	32,943	1/2	46,090	1/2	59,514	1/2	72,938	1/2	86,362	1/2	99,787	1/2	113,211	1/2	126,635
3/4	6,429	3/4	19,847	3/4	33,214	3/4	46,369	3/4	59,793	3/4	73,218	3/4	86,642	3/4	100,066	3/4	113,491	3/4	126,915
9	6,707	9	20,126	9	33,486	9	46,649	9	60,073	9	73,497	9	86,922	9	100,346	9	113,770	9	127,195
1/4	6,985	1/4	20,406	1/4	33,757	1/4	46,929	1/4	60,353	1/4	73,777	1/4	87,201	1/4	100,626	1/4	114,050	1/4	127,474
1/2	7,264	1/2	20,686	1/2	34,029	1/2	47,208	1/2	60,633	1/2	74,057	1/2	87,481	1/2	100,905	1/2	114,330	1/2	127,754
3/4	7,543	3/4	20,965	3/4	34,300	3/4	47,488	3/4	60,912	3/4	74,337	3/4	87,761	3/4	101,185	3/4	114,609	3/4	128,034
10	7,822	10	21,245	10	34,572	10	47,768	10	61,192	10	74,616	10	88,040	10	101,465	10	114,889	10	128,313
1/4	8,102	1/4	21,525	1/4	34,843	1/4	48,047	1/4	61,472	1/4	74,896	1/4	88,320	1/4	101,744	1/4	115,169	1/4	128,593
1/2	8,381	1/2	21,804	1/2	35,115	1/2	48,327	1/2	61,751	1/2	75,176	1/2	88,600	1/2	102,024	1/2	115,448	1/2	128,873
3/4	8,660	3/4	22,084	3/4	35,386	3/4	48,607	3/4	62,031	3/4	75,455	3/4	88,880	3/4	102,304	3/4	115,728	3/4	129,152
11	8,940	11	22,364	11	35,658	11	48,886	11	62,311	11	75,735	11	89,159	11	102,584	11	116,008	11	129,432
1/4	9,219	1/4	22,643	1/4	35,929	1/4	49,166	1/4	62,590	1/4	76,015	1/4	89,439	1/4	102,863	1/4	116,288	1/4	129,712
1/2	9,499	1/2	22,923	1/2	36,200	1/2	49,446	1/2	62,870	1/2	76,294	1/2	89,719	1/2	103,143	1/2	116,567	1/2	129,991
3/4	9,779	3/4	23,203	3/4	36,472	3/4	49,725	3/4	63,150	3/4	76,574	3/4	89,998	3/4	103,423	3/4	116,847	3/4	130,271

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 1424"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0								
1/4	130,831	1/4	144,255	1/4	157,679	1/4	171,103	1/4	184,528	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131,110	1/2	144,535	1/2	157,959	1/2	171,383	1/2	184,807	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131,390	3/4	144,814	3/4	158,238	3/4	171,663	3/4	185,087	3/4		3/4		3/4		3/4		3/4		3/4	
1	131,670	1	145,094	1	158,518	1	171,942	1	185,367	1											
1/4	131,949	1/4	145,374	1/4	158,798	1/4	172,222	1/4	185,646	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132,229	1/2	145,653	1/2	159,078	1/2	172,502	1/2	185,926	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	132,509	3/4	145,933	3/4	159,357	3/4	172,782	3/4	186,206	3/4		3/4		3/4		3/4		3/4		3/4	
2	132,788	2	146,213	2	159,637	2	173,061	2	186,485	2											
1/4	133,068	1/4	146,492	1/4	159,917	1/4	173,341	1/4	186,765	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	133,348	1/2	146,772	1/2	160,196	1/2	173,621	1/2	187,045	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133,627	3/4	147,052	3/4	160,476	3/4	173,900	3/4	187,325	3/4		3/4		3/4		3/4		3/4		3/4	
3	133,907	3	147,331	3	160,756	3	174,180	3	187,604	3											
1/4	134,187	1/4	147,611	1/4	161,035	1/4	174,460	1/4	187,861	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	134,466	1/2	147,891	1/2	161,315	1/2	174,739	1/2	188,117	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	134,746	3/4	148,170	3/4	161,595	3/4	175,019	3/4	188,373	3/4		3/4		3/4		3/4		3/4		3/4	
4	135,026	4	148,450	4	161,874	4	175,299	4	188,630	4											
1/4	135,305	1/4	148,730	1/4	162,154	1/4	175,578	1/4	188,839	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	135,585	1/2	149,009	1/2	162,434	1/2	175,858	1/2	189,049	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	135,865	3/4	149,289	3/4	162,713	3/4	176,138	3/4	189,259	3/4		3/4		3/4		3/4		3/4		3/4	
5	136,144	5	149,569	5	162,993	5	176,417	5	189,469	5											
1/4	136,424	1/4	149,848	1/4	163,273	1/4	176,697	1/4	189,632	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	136,704	1/2	150,128	1/2	163,552	1/2	176,977	1/2	189,795	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	136,983	3/4	150,408	3/4	163,832	3/4	177,256	3/4	189,958	3/4		3/4		3/4		3/4		3/4		3/4	
6	137,263	6	150,687	6	164,112	6	177,536	6	190,121	6											
1/4	137,543	1/4	150,967	1/4	164,391	1/4	177,816	1/4	190,238	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	137,822	1/2	151,247	1/2	164,671	1/2	178,095	1/2	190,354	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	138,102	3/4	151,526	3/4	164,951	3/4	178,375	3/4	190,471	3/4		3/4		3/4		3/4		3/4		3/4	
7	138,382	7	151,806	7	165,230	7	178,655	7	190,587	7											
1/4	138,661	1/4	152,086	1/4	165,510	1/4	178,934	1/4	190,657	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	138,941	1/2	152,365	1/2	165,790	1/2	179,214	1/2	190,727	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139,221	3/4	152,645	3/4	166,069	3/4	179,494	3/4	190,797	3/4		3/4		3/4		3/4		3/4		3/4	
8	139,500	8	152,925	8	166,349	8	179,773	8	190,867	8											
1/4	139,780	1/4	153,204	1/4	166,629	1/4	180,053	1/4	190,890	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	140,060	1/2	153,484	1/2	166,908	1/2	180,333	1/2	190,914	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	140,339	3/4	153,764	3/4	167,188	3/4	180,612	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	140,619	9	154,043	9	167,468	9	180,892	9		9											
1/4	140,899	1/4	154,323	1/4	167,747	1/4	181,172	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141,178	1/2	154,603	1/2	168,027	1/2	181,451	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	141,458	3/4	154,882	3/4	168,307	3/4	181,731	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	141,738	10	155,162	10	168,586	10	182,011	10		10											
1/4	142,017	1/4	155,442	1/4	168,866	1/4	182,290	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	142,297	1/2	155,721	1/2	169,146	1/2	182,570	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	142,577	3/4	156,001	3/4	169,425	3/4	182,850	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	142,856	11	156,281	11	169,705	11	183,129	11		11											
1/4	143,136	1/4	156,560	1/4	169,985	1/4	183,409	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143,416	1/2	156,840	1/2	170,264	1/2	183,689	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	143,695	3/4	157,120	3/4	170,544	3/4	183,968	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/26/2020 CL
PRINTED: 05/26/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1424"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,987	0	20,976	0	32,950	0	44,928	0	56,917	0	68,906	0	80,895	0	92,885	0	104,874
1/4	60	1/4	9,237	1/4	21,226	1/4	33,199	1/4	45,178	1/4	57,167	1/4	69,156	1/4	81,145	1/4	93,134	1/4	105,124
1/2	81	1/2	9,487	1/2	21,475	1/2	33,449	1/2	45,428	1/2	57,417	1/2	69,406	1/2	81,395	1/2	93,384	1/2	105,373
3/4	102	3/4	9,737	3/4	21,725	3/4	33,698	3/4	45,677	3/4	57,667	3/4	69,656	3/4	81,645	3/4	93,634	3/4	105,623
1	123	1	9,986	1	21,975	1	33,947	1	45,927	1	57,916	1	69,905	1	81,895	1	93,884	1	105,873
1/4	185	1/4	10,236	1/4	22,225	1/4	34,196	1/4	46,177	1/4	58,166	1/4	70,155	1/4	82,144	1/4	94,133	1/4	106,123
1/2	248	1/2	10,486	1/2	22,475	1/2	34,445	1/2	46,427	1/2	58,416	1/2	70,405	1/2	82,394	1/2	94,383	1/2	106,372
3/4	310	3/4	10,736	3/4	22,724	3/4	34,694	3/4	46,676	3/4	58,666	3/4	70,655	3/4	82,644	3/4	94,633	3/4	106,622
2	372	2	10,985	2	22,974	2	34,943	2	46,926	2	58,915	2	70,905	2	82,894	2	94,883	2	106,872
1/4	476	1/4	11,235	1/4	23,224	1/4	35,192	1/4	47,176	1/4	59,165	1/4	71,154	1/4	83,143	1/4	95,133	1/4	107,122
1/2	581	1/2	11,485	1/2	23,474	1/2	35,441	1/2	47,426	1/2	59,415	1/2	71,404	1/2	83,393	1/2	95,382	1/2	107,371
3/4	685	3/4	11,735	3/4	23,723	3/4	35,690	3/4	47,676	3/4	59,665	3/4	71,654	3/4	83,643	3/4	95,632	3/4	107,621
3	789	3	11,984	3	23,973	3	35,939	3	47,925	3	59,914	3	71,904	3	83,893	3	95,882	3	107,871
1/4	934	1/4	12,234	1/4	24,223	1/4	36,188	1/4	48,175	1/4	60,164	1/4	72,153	1/4	84,143	1/4	96,132	1/4	108,121
1/2	1,080	1/2	12,484	1/2	24,473	1/2	36,437	1/2	48,425	1/2	60,414	1/2	72,403	1/2	84,392	1/2	96,381	1/2	108,371
3/4	1,226	3/4	12,734	3/4	24,722	3/4	36,686	3/4	48,675	3/4	60,664	3/4	72,653	3/4	84,642	3/4	96,631	3/4	108,620
4	1,371	4	12,983	4	24,972	4	36,935	4	48,924	4	60,914	4	72,903	4	84,892	4	96,881	4	108,870
1/4	1,559	1/4	13,233	1/4	25,222	1/4	37,185	1/4	49,174	1/4	61,163	1/4	73,152	1/4	85,142	1/4	97,131	1/4	109,120
1/2	1,746	1/2	13,483	1/2	25,472	1/2	37,435	1/2	49,424	1/2	61,413	1/2	73,402	1/2	85,391	1/2	97,381	1/2	109,370
3/4	1,933	3/4	13,733	3/4	25,721	3/4	37,685	3/4	49,674	3/4	61,663	3/4	73,652	3/4	85,641	3/4	97,630	3/4	109,619
5	2,121	5	13,983	5	25,971	5	37,934	5	49,924	5	61,913	5	73,902	5	85,891	5	97,880	5	109,869
1/4	2,349	1/4	14,232	1/4	26,221	1/4	38,184	1/4	50,173	1/4	62,162	1/4	74,152	1/4	86,141	1/4	98,130	1/4	110,119
1/2	2,577	1/2	14,482	1/2	26,471	1/2	38,434	1/2	50,423	1/2	62,412	1/2	74,401	1/2	86,390	1/2	98,380	1/2	110,369
3/4	2,806	3/4	14,732	3/4	26,721	3/4	38,684	3/4	50,673	3/4	62,662	3/4	74,651	3/4	86,640	3/4	98,629	3/4	110,619
6	3,034	6	14,982	6	26,970	6	38,933	6	50,923	6	62,912	6	74,901	6	86,890	6	98,879	6	110,868
1/4	3,279	1/4	15,231	1/4	27,220	1/4	39,183	1/4	51,172	1/4	63,162	1/4	75,151	1/4	87,140	1/4	99,129	1/4	111,118
1/2	3,523	1/2	15,481	1/2	27,469	1/2	39,433	1/2	51,422	1/2	63,411	1/2	75,400	1/2	87,390	1/2	99,379	1/2	111,368
3/4	3,768	3/4	15,731	3/4	27,719	3/4	39,683	3/4	51,672	3/4	63,661	3/4	75,650	3/4	87,639	3/4	99,628	3/4	111,618
7	4,013	7	15,981	7	27,968	7	39,933	7	51,922	7	63,911	7	75,900	7	87,889	7	99,878	7	111,867
1/4	4,260	1/4	16,230	1/4	28,217	1/4	40,182	1/4	52,171	1/4	64,161	1/4	76,150	1/4	88,139	1/4	100,128	1/4	112,117
1/2	4,507	1/2	16,480	1/2	28,467	1/2	40,432	1/2	52,421	1/2	64,410	1/2	76,400	1/2	88,389	1/2	100,378	1/2	112,367
3/4	4,754	3/4	16,730	3/4	28,716	3/4	40,682	3/4	52,671	3/4	64,660	3/4	76,649	3/4	88,638	3/4	100,628	3/4	112,617
8	5,001	8	16,980	8	28,966	8	40,932	8	52,921	8	64,910	8	76,899	8	88,888	8	100,877	8	112,867
1/4	5,249	1/4	17,229	1/4	29,215	1/4	41,181	1/4	53,171	1/4	65,160	1/4	77,149	1/4	89,138	1/4	101,127	1/4	113,116
1/2	5,497	1/2	17,479	1/2	29,464	1/2	41,431	1/2	53,420	1/2	65,410	1/2	77,399	1/2	89,388	1/2	101,377	1/2	113,366
3/4	5,746	3/4	17,729	3/4	29,713	3/4	41,681	3/4	53,670	3/4	65,659	3/4	77,648	3/4	89,638	3/4	101,627	3/4	113,616
9	5,994	9	17,979	9	29,962	9	41,931	9	53,920	9	65,909	9	77,898	9	89,887	9	101,876	9	113,866
1/4	6,243	1/4	18,229	1/4	30,211	1/4	42,181	1/4	54,170	1/4	66,159	1/4	78,148	1/4	90,137	1/4	102,126	1/4	114,115
1/2	6,492	1/2	18,478	1/2	30,460	1/2	42,430	1/2	54,419	1/2	66,409	1/2	78,398	1/2	90,387	1/2	102,376	1/2	114,365
3/4	6,741	3/4	18,728	3/4	30,709	3/4	42,680	3/4	54,669	3/4	66,658	3/4	78,648	3/4	90,637	3/4	102,626	3/4	114,615
10	6,990	10	18,978	10	30,958	10	42,930	10	54,919	10	66,908	10	78,897	10	90,886	10	102,876	10	114,865
1/4	7,240	1/4	19,228	1/4	31,207	1/4	43,180	1/4	55,169	1/4	67,158	1/4	79,147	1/4	91,136	1/4	103,125	1/4	115,114
1/2	7,489	1/2	19,477	1/2	31,456	1/2	43,429	1/2	55,419	1/2	67,408	1/2	79,397	1/2	91,386	1/2	103,375	1/2	115,364
3/4	7,739	3/4	19,727	3/4	31,705	3/4	43,679	3/4	55,668	3/4	67,657	3/4	79,647	3/4	91,636	3/4	103,625	3/4	115,614
11	7,988	11	19,977	11	31,954	11	43,929	11	55,918	11	67,907	11	79,896	11	91,886	11	103,875	11	115,864
1/4	8,238	1/4	20,227	1/4	32,203	1/4	44,179	1/4	56,168	1/4	68,157	1/4	80,146	1/4	92,135	1/4	104,124	1/4	116,114
1/2	8,488	1/2	20,476	1/2	32,452	1/2	44,429	1/2	56,418	1/2	68,407	1/2	80,396	1/2	92,385	1/2	104,374	1/2	116,363
3/4	8,738	3/4	20,726	3/4	32,701	3/4	44,678	3/4	56,667	3/4	68,657	3/4	80,646	3/4	92,635	3/4	104,624	3/4	116,613

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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BARGE "CBC 1424"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0								
1/4	117,113	1/4	129,102	1/4	141,091	1/4	153,080	1/4	165,069	1/4		1/4		1/4		1/4		1/4	
1/2	117,362	1/2	129,352	1/2	141,341	1/2	153,330	1/2	165,319	1/2		1/2		1/2		1/2		1/2	
3/4	117,612	3/4	129,601	3/4	141,590	3/4	153,580	3/4	165,569	3/4		3/4		3/4		3/4		3/4	
1	117,862	1	129,851	1	141,840	1	153,829	1	165,819	1									
1/4	118,112	1/4	130,101	1/4	142,090	1/4	154,079	1/4	166,068	1/4		1/4		1/4		1/4		1/4	
1/2	118,362	1/2	130,351	1/2	142,340	1/2	154,329	1/2	166,318	1/2		1/2		1/2		1/2		1/2	
3/4	118,611	3/4	130,600	3/4	142,590	3/4	154,579	3/4	166,568	3/4		3/4		3/4		3/4		3/4	
2	118,861	2	130,850	2	142,839	2	154,828	2	166,818	2									
1/4	119,111	1/4	131,100	1/4	143,089	1/4	155,078	1/4	167,067	1/4		1/4		1/4		1/4		1/4	
1/2	119,361	1/2	131,350	1/2	143,339	1/2	155,328	1/2	167,317	1/2		1/2		1/2		1/2		1/2	
3/4	119,610	3/4	131,600	3/4	143,589	3/4	155,578	3/4	167,567	3/4		3/4		3/4		3/4		3/4	
3	119,860	3	131,849	3	143,838	3	155,828	3	167,817	3									
1/4	120,110	1/4	132,099	1/4	144,088	1/4	156,077	1/4	168,066	1/4		1/4		1/4		1/4		1/4	
1/2	120,360	1/2	132,349	1/2	144,338	1/2	156,327	1/2	168,275	1/2		1/2		1/2		1/2		1/2	
3/4	120,609	3/4	132,599	3/4	144,588	3/4	156,577	3/4	168,504	3/4		3/4		3/4		3/4		3/4	
4	120,859	4	132,848	4	144,838	4	156,827	4	168,733	4									
1/4	121,109	1/4	133,098	1/4	145,087	1/4	157,076	1/4	168,920	1/4		1/4		1/4		1/4		1/4	
1/2	121,359	1/2	133,348	1/2	145,337	1/2	157,326	1/2	169,107	1/2		1/2		1/2		1/2		1/2	
3/4	121,609	3/4	133,598	3/4	145,587	3/4	157,576	3/4	169,295	3/4		3/4		3/4		3/4		3/4	
5	121,858	5	133,847	5	145,837	5	157,826	5	169,482	5									
1/4	122,108	1/4	134,097	1/4	146,086	1/4	158,076	1/4	169,628	1/4		1/4		1/4		1/4		1/4	
1/2	122,358	1/2	134,347	1/2	146,336	1/2	158,325	1/2	169,773	1/2		1/2		1/2		1/2		1/2	
3/4	122,608	3/4	134,597	3/4	146,586	3/4	158,575	3/4	169,919	3/4		3/4		3/4		3/4		3/4	
6	122,857	6	134,847	6	146,836	6	158,825	6	170,065	6									
1/4	123,107	1/4	135,096	1/4	147,086	1/4	159,075	1/4	170,169	1/4		1/4		1/4		1/4		1/4	
1/2	123,357	1/2	135,346	1/2	147,335	1/2	159,324	1/2	170,273	1/2		1/2		1/2		1/2		1/2	
3/4	123,607	3/4	135,596	3/4	147,585	3/4	159,574	3/4	170,377	3/4		3/4		3/4		3/4		3/4	
7	123,857	7	135,846	7	147,835	7	159,824	7	170,481	7									
1/4	124,106	1/4	136,095	1/4	148,085	1/4	160,074	1/4	170,543	1/4		1/4		1/4		1/4		1/4	
1/2	124,356	1/2	136,345	1/2	148,334	1/2	160,324	1/2	170,606	1/2		1/2		1/2		1/2		1/2	
3/4	124,606	3/4	136,595	3/4	148,584	3/4	160,573	3/4	170,668	3/4		3/4		3/4		3/4		3/4	
8	124,856	8	136,845	8	148,834	8	160,823	8	170,731	8									
1/4	125,105	1/4	137,095	1/4	149,084	1/4	161,073	1/4	170,752	1/4		1/4		1/4		1/4		1/4	
1/2	125,355	1/2	137,344	1/2	149,333	1/2	161,323	1/2	170,772	1/2		1/2		1/2		1/2		1/2	
3/4	125,605	3/4	137,594	3/4	149,583	3/4	161,572	3/4		3/4		3/4		3/4		3/4		3/4	
9	125,855	9	137,844	9	149,833	9	161,822	9		9									
1/4	126,105	1/4	138,094	1/4	150,083	1/4	162,072	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,354	1/2	138,343	1/2	150,333	1/2	162,322	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,604	3/4	138,593	3/4	150,582	3/4	162,571	3/4		3/4		3/4		3/4		3/4		3/4	
10	126,854	10	138,843	10	150,832	10	162,821	10		10									
1/4	127,104	1/4	139,093	1/4	151,082	1/4	163,071	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,353	1/2	139,343	1/2	151,332	1/2	163,321	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,603	3/4	139,592	3/4	151,581	3/4	163,571	3/4		3/4		3/4		3/4		3/4		3/4	
11	127,853	11	139,842	11	151,831	11	163,820	11		11									
1/4	128,103	1/4	140,092	1/4	152,081	1/4	164,070	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,352	1/2	140,342	1/2	152,331	1/2	164,320	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,602	3/4	140,591	3/4	152,581	3/4	164,570	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/26/2020 CL
PRINTED: 05/26/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1424"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<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	01-0/8	- 01-0/8
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"

May 26, 2020

**PRECISION MEASUREMENT
 & ANALYSIS, INC.**
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 Pearland, Texas 77588

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BARGE "CBC 1424"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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		0	144,721	0	136,600	0	128,478	0	120,363	0	110,025	0	98,437	0	86,849
1/4		1/4		1/4		1/4	144,552	1/4	136,430	1/4	128,309	1/4	120,194	1/4	109,784	1/4	98,196	1/4	86,607
1/2		1/2		1/2		1/2	144,383	1/2	136,261	1/2	128,140	1/2	120,026	1/2	109,542	1/2	97,954	1/2	86,366
3/4		3/4		3/4		3/4	151,475	3/4	144,214	3/4	136,092	3/4	127,971	3/4	119,857	3/4	109,301	3/4	97,713
1		1		1		1	151,455	1	144,044	1	135,923	1	127,801	1	119,688	1	109,060	1	97,471
1/4		1/4		1/4		1/4	151,435	1/4	143,875	1/4	135,754	1/4	127,632	1/4	119,520	1/4	108,818	1/4	97,230
1/2		1/2		1/2		1/2	151,375	1/2	143,706	1/2	135,584	1/2	127,463	1/2	119,351	1/2	108,577	1/2	96,989
3/4		3/4		3/4		3/4	151,314	3/4	143,537	3/4	135,415	3/4	127,294	3/4	119,182	3/4	108,335	3/4	96,747
2		2		2		2	151,254	2	143,368	2	135,246	2	127,125	2	119,014	2	108,094	2	96,506
1/4		1/4		1/4		1/4	151,193	1/4	143,198	1/4	135,077	1/4	126,955	1/4	118,845	1/4	107,853	1/4	96,264
1/2		1/2		1/2		1/2	151,092	1/2	143,029	1/2	134,908	1/2	126,786	1/2	118,677	1/2	107,611	1/2	96,023
3/4		3/4		3/4		3/4	150,991	3/4	142,860	3/4	134,738	3/4	126,617	3/4	118,508	3/4	107,370	3/4	95,782
3		3		3		3	150,891	3	142,691	3	134,569	3	126,448	3	118,339	3	107,128	3	95,540
1/4		1/4		1/4		1/4	150,790	1/4	142,522	1/4	134,400	1/4	126,279	1/4	118,171	1/4	106,887	1/4	95,299
1/2		1/2		1/2		1/2	150,649	1/2	142,352	1/2	134,231	1/2	126,109	1/2	118,003	1/2	106,645	1/2	95,057
3/4		3/4		3/4		3/4	150,508	3/4	142,183	3/4	134,062	3/4	125,940	3/4	117,834	3/4	106,404	3/4	94,816
4		4		4		4	150,367	4	142,014	4	133,892	4	125,771	4	117,666	4	106,163	4	94,574
1/4		1/4		1/4		1/4	150,225	1/4	141,845	1/4	133,723	1/4	125,602	1/4	117,498	1/4	105,921	1/4	94,333
1/2		1/2		1/2		1/2	150,044	1/2	141,676	1/2	133,554	1/2	125,433	1/2	117,257	1/2	105,680	1/2	94,092
3/4		3/4		3/4		3/4	149,863	3/4	141,506	3/4	133,385	3/4	125,263	3/4	117,016	3/4	105,438	3/4	93,850
5		5		5		5	149,681	5	141,337	5	133,216	5	125,094	5	116,776	5	105,197	5	93,609
1/4		1/4		1/4		1/4	149,500	1/4	141,168	1/4	133,046	1/4	124,925	1/4	116,535	1/4	104,955	1/4	93,367
1/2		1/2		1/2		1/2	149,278	1/2	140,999	1/2	132,877	1/2	124,756	1/2	116,294	1/2	104,714	1/2	93,126
3/4		3/4		3/4		3/4	149,056	3/4	140,830	3/4	132,708	3/4	124,587	3/4	116,053	3/4	104,473	3/4	92,884
6		6		6		6	148,834	6	140,660	6	132,539	6	124,417	6	115,812	6	104,231	6	92,643
1/4		1/4		1/4		1/4	148,613	1/4	140,491	1/4	132,370	1/4	124,248	1/4	115,571	1/4	103,990	1/4	92,402
1/2		1/2		1/2		1/2	148,443	1/2	140,322	1/2	132,200	1/2	124,079	1/2	115,330	1/2	103,748	1/2	92,160
3/4		3/4		3/4		3/4	148,274	3/4	140,153	3/4	132,031	3/4	123,910	3/4	115,090	3/4	103,507	3/4	91,919
7		7		7		7	148,105	7	139,984	7	131,862	7	123,741	7	114,849	7	103,266	7	91,677
1/4		1/4		1/4		1/4	147,936	1/4	139,814	1/4	131,693	1/4	123,571	1/4	114,608	1/4	103,024	1/4	91,436
1/2		1/2		1/2		1/2	147,767	1/2	139,645	1/2	131,524	1/2	123,402	1/2	114,367	1/2	102,783	1/2	91,195
3/4		3/4		3/4		3/4	147,597	3/4	139,476	3/4	131,354	3/4	123,233	3/4	114,126	3/4	102,541	3/4	90,953
8		8		8		8	147,428	8	139,307	8	131,185	8	123,064	8	113,885	8	102,300	8	90,712
1/4		1/4		1/4		1/4	147,259	1/4	139,138	1/4	131,016	1/4	122,895	1/4	113,644	1/4	102,058	1/4	90,470
1/2		1/2		1/2		1/2	147,090	1/2	138,968	1/2	130,847	1/2	122,725	1/2	113,404	1/2	101,817	1/2	90,229
3/4		3/4		3/4		3/4	146,921	3/4	138,799	3/4	130,678	3/4	122,556	3/4	113,163	3/4	101,576	3/4	89,987
9		9		9		9	146,751	9	138,630	9	130,509	9	122,387	9	112,922	9	101,334	9	89,746
1/4		1/4		1/4		1/4	146,582	1/4	138,461	1/4	130,339	1/4	122,218	1/4	112,681	1/4	101,093	1/4	89,505
1/2		1/2		1/2		1/2	146,413	1/2	138,292	1/2	130,170	1/2	122,049	1/2	112,440	1/2	100,851	1/2	89,263
3/4		3/4		3/4		3/4	146,244	3/4	138,122	3/4	130,001	3/4	121,881	3/4	112,198	3/4	100,610	3/4	89,022
10		10		10		10	146,075	10	137,953	10	129,832	10	121,712	10	111,957	10	100,369	10	88,780
1/4		1/4		1/4		1/4	145,905	1/4	137,784	1/4	129,663	1/4	121,543	1/4	111,715	1/4	100,127	1/4	88,539
1/2		1/2		1/2		1/2	145,736	1/2	137,615	1/2	129,493	1/2	121,375	1/2	111,474	1/2	99,886	1/2	88,297
3/4		3/4		3/4		3/4	145,567	3/4	137,446	3/4	129,324	3/4	121,206	3/4	111,232	3/4	99,644	3/4	88,056
11		11		11		11	145,398	11	137,276	11	129,155	11	121,037	11	110,991	11	99,403	11	87,815
1/4		1/4		1/4		1/4	145,229	1/4	137,107	1/4	128,986	1/4	120,869	1/4	110,750	1/4	99,161	1/4	87,573
1/2		1/2		1/2		1/2	145,060	1/2	136,938	1/2	128,817	1/2	120,700	1/2	110,508	1/2	98,920	1/2	87,332
3/4		3/4		3/4		3/4	144,890	3/4	136,769	3/4	128,647	3/4	120,532	3/4	110,267	3/4	98,679	3/4	87,090

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
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1424"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	75,303	0	63,727	0	52,144	0	40,560	0	29,170	0	17,656	0	6,047	0		0		0	
1/4	75,063	1/4	63,486	1/4	51,902	1/4	40,319	1/4	28,936	1/4	17,414	1/4	5,806	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,822	1/2	63,245	1/2	51,661	1/2	40,077	1/2	28,702	1/2	17,172	1/2	5,566	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,581	3/4	63,003	3/4	51,420	3/4	39,836	3/4	28,467	3/4	16,930	3/4	5,325	3/4	3/4	3/4	3/4	3/4	3/4
1	74,340	1	62,762	1	51,178	1	39,595	1	28,233	1	16,688	1	5,085	1	1	1	1	1	1
1/4	74,100	1/4	62,521	1/4	50,937	1/4	39,353	1/4	27,999	1/4	16,446	1/4	4,844	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,859	1/2	62,279	1/2	50,696	1/2	39,112	1/2	27,765	1/2	16,205	1/2	4,605	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,618	3/4	62,038	3/4	50,454	3/4	38,871	3/4	27,530	3/4	15,963	3/4	4,366	3/4	3/4	3/4	3/4	3/4	3/4
2	73,377	2	61,797	2	50,213	2	38,629	2	27,296	2	15,721	2	4,127	2	2	2	2	2	2
1/4	73,137	1/4	61,555	1/4	49,972	1/4	38,388	1/4	27,061	1/4	15,479	1/4	3,888	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,896	1/2	61,314	1/2	49,730	1/2	38,147	1/2	26,826	1/2	15,237	1/2	3,651	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,655	3/4	61,073	3/4	49,489	3/4	37,905	3/4	26,592	3/4	14,995	3/4	3,413	3/4	3/4	3/4	3/4	3/4	3/4
3	72,414	3	60,831	3	49,248	3	37,664	3	26,357	3	14,753	3	3,176	3	3	3	3	3	3
1/4	72,174	1/4	60,590	1/4	49,006	1/4	37,423	1/4	26,123	1/4	14,511	1/4	2,939	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,932	1/2	60,349	1/2	48,765	1/2	37,181	1/2	25,881	1/2	14,269	1/2	2,718	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,691	3/4	60,107	3/4	48,524	3/4	36,940	3/4	25,639	3/4	14,027	3/4	2,497	3/4	3/4	3/4	3/4	3/4	3/4
4	71,450	4	59,866	4	48,282	4	36,699	4	25,397	4	13,785	4	2,276	4	4	4	4	4	4
1/4	71,208	1/4	59,625	1/4	48,041	1/4	36,457	1/4	25,155	1/4	13,544	1/4	2,055	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,967	1/2	59,383	1/2	47,800	1/2	36,216	1/2	24,913	1/2	13,302	1/2	1,874	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,726	3/4	59,142	3/4	47,558	3/4	35,975	3/4	24,671	3/4	13,060	3/4	1,692	3/4	3/4	3/4	3/4	3/4	3/4
5	70,484	5	58,901	5	47,317	5	35,733	5	24,429	5	12,818	5	1,511	5	5	5	5	5	5
1/4	70,243	1/4	58,659	1/4	47,076	1/4	35,492	1/4	24,188	1/4	12,576	1/4	1,329	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,002	1/2	58,418	1/2	46,834	1/2	35,258	1/2	23,946	1/2	12,334	1/2	1,188	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,760	3/4	58,177	3/4	46,593	3/4	35,024	3/4	23,704	3/4	12,092	3/4	1,047	3/4	3/4	3/4	3/4	3/4	3/4
6	69,519	6	57,935	6	46,352	6	34,790	6	23,462	6	11,850	6	906	6	6	6	6	6	6
1/4	69,278	1/4	57,694	1/4	46,110	1/4	34,555	1/4	23,220	1/4	11,608	1/4	765	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,036	1/2	57,453	1/2	45,869	1/2	34,321	1/2	22,978	1/2	11,366	1/2	664	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,795	3/4	57,211	3/4	45,628	3/4	34,087	3/4	22,736	3/4	11,124	3/4	563	3/4	3/4	3/4	3/4	3/4	3/4
7	68,554	7	56,970	7	45,386	7	33,853	7	22,494	7	10,883	7	463	7	7	7	7	7	7
1/4	68,312	1/4	56,729	1/4	45,145	1/4	33,619	1/4	22,252	1/4	10,641	1/4	362	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,071	1/2	56,487	1/2	44,904	1/2	33,385	1/2	22,010	1/2	10,399	1/2	301	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,830	3/4	56,246	3/4	44,662	3/4	33,151	3/4	21,768	3/4	10,157	3/4	241	3/4	3/4	3/4	3/4	3/4	3/4
8	67,588	8	56,005	8	44,421	8	32,916	8	21,527	8	9,915	8	180	8	8	8	8	8	8
1/4	67,347	1/4	55,764	1/4	44,180	1/4	32,682	1/4	21,285	1/4	9,673	1/4	120	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,106	1/2	55,522	1/2	43,939	1/2	32,448	1/2	21,043	1/2	9,431	1/2	100	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,865	3/4	55,281	3/4	43,697	3/4	32,214	3/4	20,801	3/4	9,189	3/4	80	3/4	3/4	3/4	3/4	3/4	3/4
9	66,623	9	55,040	9	43,456	9	31,980	9	20,559	9	8,947	9	60	9	9	9	9	9	9
1/4	66,382	1/4	54,798	1/4	43,215	1/4	31,746	1/4	20,317	1/4	8,705	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,141	1/2	54,557	1/2	42,973	1/2	31,511	1/2	20,075	1/2	8,464	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,899	3/4	54,316	3/4	42,732	3/4	31,277	3/4	19,833	3/4	8,222	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	65,658	10	54,074	10	42,491	10	31,043	10	19,591	10	7,980	10		10	10	10	10	10	10
1/4	65,417	1/4	53,833	1/4	42,249	1/4	30,809	1/4	19,349	1/4	7,738	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,175	1/2	53,592	1/2	42,008	1/2	30,575	1/2	19,107	1/2	7,496	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,934	3/4	53,350	3/4	41,767	3/4	30,341	3/4	18,866	3/4	7,254	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	64,693	11	53,109	11	41,525	11	30,107	11	18,624	11	7,013	11		11	11	11	11	11	11
1/4	64,451	1/4	52,868	1/4	41,284	1/4	29,872	1/4	18,382	1/4	6,771	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,210	1/2	52,626	1/2	41,043	1/2	29,638	1/2	18,140	1/2	6,530	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,969	3/4	52,385	3/4	40,801	3/4	29,404	3/4	17,898	3/4	6,289	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/26/2020 CL
PRINTED: 05/26/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

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



BARGE "CBC 1424"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	0	0	181,172	0	167,747	0	154,323	0	140,899	0	127,474	0	114,050	0	100,626			
1/4		1/4		1/4	180,892	1/4	167,468	1/4	154,043	1/4	140,619	1/4	127,195	1/4	113,770	1/4	100,346			
1/2		1/2		1/2	180,612	1/2	167,188	1/2	153,764	1/2	140,339	1/2	126,915	1/2	113,491	1/2	100,066			
3/4		3/4		3/4	190,914	3/4	180,333	3/4	166,908	3/4	153,484	3/4	140,060	3/4	126,635	3/4	113,211	3/4	99,787	
1	1	1	1	190,890	1	180,053	1	166,629	1	153,204	1	139,780	1	126,356	1	112,931	1	99,507		
1/4		1/4		1/4	190,867	1/4	179,773	1/4	166,349	1/4	152,925	1/4	139,500	1/4	126,076	1/4	112,652	1/4	99,227	
1/2		1/2		1/2	190,797	1/2	179,494	1/2	166,069	1/2	152,645	1/2	139,221	1/2	125,796	1/2	112,372	1/2	98,948	
3/4		3/4		3/4	190,727	3/4	179,214	3/4	165,790	3/4	152,365	3/4	138,941	3/4	125,517	3/4	112,092	3/4	98,668	
2	2	2	2	190,657	2	178,934	2	165,510	2	152,086	2	138,661	2	125,237	2	111,813	2	98,388		
1/4		1/4		1/4	190,587	1/4	178,655	1/4	165,230	1/4	151,806	1/4	138,382	1/4	124,957	1/4	111,533	1/4	98,109	
1/2		1/2		1/2	190,471	1/2	178,375	1/2	164,951	1/2	151,526	1/2	138,102	1/2	124,678	1/2	111,253	1/2	97,829	
3/4		3/4		3/4	190,354	3/4	178,095	3/4	164,671	3/4	151,247	3/4	137,822	3/4	124,398	3/4	110,974	3/4	97,549	
3	3	3	3	190,238	3	177,816	3	164,391	3	150,967	3	137,543	3	124,118	3	110,694	3	97,270		
1/4		1/4		1/4	190,121	1/4	177,536	1/4	164,112	1/4	150,687	1/4	137,263	1/4	123,839	1/4	110,414	1/4	96,990	
1/2		1/2		1/2	189,958	1/2	177,256	1/2	163,832	1/2	150,408	1/2	136,983	1/2	123,559	1/2	110,135	1/2	96,710	
3/4		3/4		3/4	189,795	3/4	176,977	3/4	163,552	3/4	150,128	3/4	136,704	3/4	123,279	3/4	109,855	3/4	96,431	
4	4	4	4	189,632	4	176,697	4	163,273	4	149,848	4	136,424	4	123,000	4	109,575	4	96,151		
1/4		1/4		1/4	189,469	1/4	176,417	1/4	162,993	1/4	149,569	1/4	136,144	1/4	122,720	1/4	109,296	1/4	95,871	
1/2		1/2		1/2	189,259	1/2	176,138	1/2	162,713	1/2	149,289	1/2	135,865	1/2	122,440	1/2	109,016	1/2	95,592	
3/4		3/4		3/4	189,049	3/4	175,858	3/4	162,434	3/4	149,009	3/4	135,585	3/4	122,161	3/4	108,736	3/4	95,312	
5	5	5	5	188,839	5	175,578	5	162,154	5	148,730	5	135,305	5	121,881	5	108,457	5	95,032		
1/4		1/4		1/4	188,630	1/4	175,299	1/4	161,874	1/4	148,450	1/4	135,026	1/4	121,601	1/4	108,177	1/4	94,753	
1/2		1/2		1/2	188,373	1/2	175,019	1/2	161,595	1/2	148,170	1/2	134,746	1/2	121,322	1/2	107,897	1/2	94,473	
3/4		3/4		3/4	188,117	3/4	174,739	3/4	161,315	3/4	147,891	3/4	134,466	3/4	121,042	3/4	107,618	3/4	94,193	
6	6	6	6	187,861	6	174,460	6	161,035	6	147,611	6	134,187	6	120,762	6	107,338	6	93,914		
1/4		1/4		1/4	187,604	1/4	174,180	1/4	160,756	1/4	147,331	1/4	133,907	1/4	120,483	1/4	107,058	1/4	93,634	
1/2		1/2		1/2	187,325	1/2	173,900	1/2	160,476	1/2	147,052	1/2	133,627	1/2	120,203	1/2	106,779	1/2	93,354	
3/4		3/4		3/4	187,045	3/4	173,621	3/4	160,196	3/4	146,772	3/4	133,348	3/4	119,923	3/4	106,499	3/4	93,075	
7	7	7	7	186,765	7	173,341	7	159,917	7	146,492	7	133,068	7	119,644	7	106,219	7	92,795		
1/4		1/4		1/4	186,485	1/4	173,061	1/4	159,637	1/4	146,213	1/4	132,788	1/4	119,364	1/4	105,940	1/4	92,515	
1/2		1/2		1/2	186,206	1/2	172,782	1/2	159,357	1/2	145,933	1/2	132,509	1/2	119,084	1/2	105,660	1/2	92,236	
3/4		3/4		3/4	185,926	3/4	172,502	3/4	159,078	3/4	145,653	3/4	132,229	3/4	118,805	3/4	105,380	3/4	91,956	
8	8	8	8	185,646	8	172,222	8	158,798	8	145,374	8	131,949	8	118,525	8	105,101	8	91,676		
1/4		1/4		1/4	185,367	1/4	171,942	1/4	158,518	1/4	145,094	1/4	131,670	1/4	118,245	1/4	104,821	1/4	91,397	
1/2		1/2		1/2	185,087	1/2	171,663	1/2	158,238	1/2	144,814	1/2	131,390	1/2	117,966	1/2	104,541	1/2	91,117	
3/4		3/4		3/4	184,807	3/4	171,383	3/4	157,959	3/4	144,535	3/4	131,110	3/4	117,686	3/4	104,262	3/4	90,837	
9	9	9	9	184,528	9	171,103	9	157,679	9	144,255	9	130,831	9	117,406	9	103,982	9	90,558		
1/4		1/4		1/4	184,248	1/4	170,824	1/4	157,399	1/4	143,975	1/4	130,551	1/4	117,127	1/4	103,702	1/4	90,278	
1/2		1/2		1/2	183,968	1/2	170,544	1/2	157,120	1/2	143,695	1/2	130,271	1/2	116,847	1/2	103,423	1/2	89,998	
3/4		3/4		3/4	183,689	3/4	170,264	3/4	156,840	3/4	143,416	3/4	129,991	3/4	116,567	3/4	103,143	3/4	89,719	
10	10	10	10	183,409	10	169,985	10	156,560	10	143,136	10	129,712	10	116,288	10	102,863	10	89,439		
1/4		1/4		1/4	183,129	1/4	169,705	1/4	156,281	1/4	142,856	1/4	129,432	1/4	116,008	1/4	102,584	1/4	89,159	
1/2		1/2		1/2	182,850	1/2	169,425	1/2	156,001	1/2	142,577	1/2	129,152	1/2	115,728	1/2	102,304	1/2	88,880	
3/4		3/4		3/4	182,570	3/4	169,146	3/4	155,721	3/4	142,297	3/4	128,873	3/4	115,448	3/4	102,024	3/4	88,600	
11	11	11	11	182,290	11	168,866	11	155,442	11	142,017	11	128,593	11	115,169	11	101,744	11	88,320		
1/4		1/4		1/4	182,011	1/4	168,586	1/4	155,162	1/4	141,738	1/4	128,313	1/4	114,889	1/4	101,465	1/4	88,040	
1/2		1/2		1/2	181,731	1/2	168,307	1/2	154,882	1/2	141,458	1/2	128,034	1/2	114,609	1/2	101,185	1/2	87,761	
3/4		3/4		3/4	181,451	3/4	168,027	3/4	154,603	3/4	141,178	3/4	127,754	3/4	114,330	3/4	100,905	3/4	87,481	

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
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BARGE "CBC 1424"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	87,201	0	73,777	0	60,353	0	46,929	0	33,757	0	20,406	0	6,985	0		0		0	
1/4	86,922	1/4	73,497	1/4	60,073	1/4	46,649	1/4	33,486	1/4	20,126	1/4	6,707	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,642	1/2	73,218	1/2	59,793	1/2	46,369	1/2	33,214	1/2	19,847	1/2	6,429	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,362	3/4	72,938	3/4	59,514	3/4	46,090	3/4	32,943	3/4	19,567	3/4	6,151	3/4	3/4	3/4	3/4	3/4	3/4
1	86,083	1	72,658	1	59,234	1	45,810	1	32,672	1	19,287	1	5,873	1	1	1	1	1	1
1/4	85,803	1/4	72,379	1/4	58,954	1/4	45,530	1/4	32,400	1/4	19,008	1/4	5,595	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,523	1/2	72,099	1/2	58,675	1/2	45,250	1/2	32,128	1/2	18,728	1/2	5,318	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,244	3/4	71,819	3/4	58,395	3/4	44,971	3/4	31,856	3/4	18,448	3/4	5,042	3/4	3/4	3/4	3/4	3/4	3/4
2	84,964	2	71,540	2	58,115	2	44,691	2	31,585	2	18,169	2	4,765	2	2	2	2	2	2
1/4	84,684	1/4	71,260	1/4	57,836	1/4	44,411	1/4	31,313	1/4	17,889	1/4	4,489	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,405	1/2	70,980	1/2	57,556	1/2	44,132	1/2	31,033	1/2	17,609	1/2	4,215	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,125	3/4	70,701	3/4	57,276	3/4	43,852	3/4	30,753	3/4	17,330	3/4	3,940	3/4	3/4	3/4	3/4	3/4	3/4
3	83,845	3	70,421	3	56,997	3	43,572	3	30,474	3	17,050	3	3,666	3	3	3	3	3	3
1/4	83,566	1/4	70,141	1/4	56,717	1/4	43,293	1/4	30,194	1/4	16,770	1/4	3,392	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,286	1/2	69,862	1/2	56,437	1/2	43,013	1/2	29,914	1/2	16,491	1/2	3,137	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,006	3/4	69,582	3/4	56,158	3/4	42,733	3/4	29,635	3/4	16,211	3/4	2,881	3/4	3/4	3/4	3/4	3/4	3/4
4	82,727	4	69,302	4	55,878	4	42,454	4	29,355	4	15,931	4	2,625	4	4	4	4	4	4
1/4	82,447	1/4	69,023	1/4	55,598	1/4	42,174	1/4	29,075	1/4	15,652	1/4	2,370	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,167	1/2	68,743	1/2	55,319	1/2	41,902	1/2	28,796	1/2	15,372	1/2	2,160	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,888	3/4	68,463	3/4	55,039	3/4	41,630	3/4	28,516	3/4	15,092	3/4	1,950	3/4	3/4	3/4	3/4	3/4	3/4
5	81,608	5	68,184	5	54,759	5	41,359	5	28,236	5	14,813	5	1,741	5	5	5	5	5	5
1/4	81,328	1/4	67,904	1/4	54,480	1/4	41,087	1/4	27,957	1/4	14,533	1/4	1,531	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,049	1/2	67,624	1/2	54,200	1/2	40,815	1/2	27,677	1/2	14,253	1/2	1,368	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,769	3/4	67,345	3/4	53,920	3/4	40,544	3/4	27,397	3/4	13,974	3/4	1,205	3/4	3/4	3/4	3/4	3/4	3/4
6	80,489	6	67,065	6	53,641	6	40,272	6	27,118	6	13,694	6	1,041	6	6	6	6	6	6
1/4	80,210	1/4	66,785	1/4	53,361	1/4	40,001	1/4	26,838	1/4	13,414	1/4	878	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,930	1/2	66,506	1/2	53,081	1/2	39,729	1/2	26,559	1/2	13,135	1/2	762	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,650	3/4	66,226	3/4	52,802	3/4	39,458	3/4	26,279	3/4	12,855	3/4	645	3/4	3/4	3/4	3/4	3/4	3/4
7	79,371	7	65,946	7	52,522	7	39,187	7	25,999	7	12,575	7	529	7	7	7	7	7	7
1/4	79,091	1/4	65,667	1/4	52,242	1/4	38,915	1/4	25,720	1/4	12,296	1/4	412	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,811	1/2	65,387	1/2	51,963	1/2	38,644	1/2	25,440	1/2	12,016	1/2	342	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,532	3/4	65,107	3/4	51,683	3/4	38,372	3/4	25,160	3/4	11,736	3/4	272	3/4	3/4	3/4	3/4	3/4	3/4
8	78,252	8	64,828	8	51,403	8	38,101	8	24,881	8	11,457	8	202	8	8	8	8	8	8
1/4	77,972	1/4	64,548	1/4	51,124	1/4	37,829	1/4	24,601	1/4	11,177	1/4	133	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,693	1/2	64,268	1/2	50,844	1/2	37,558	1/2	24,321	1/2	10,897	1/2	109	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,413	3/4	63,989	3/4	50,564	3/4	37,286	3/4	24,042	3/4	10,618	3/4	86	3/4	3/4	3/4	3/4	3/4	3/4
9	77,133	9	63,709	9	50,285	9	37,015	9	23,762	9	10,338	9	63	9	9	9	9	9	9
1/4	76,854	1/4	63,429	1/4	50,005	1/4	36,743	1/4	23,482	1/4	10,058	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,574	1/2	63,150	1/2	49,725	1/2	36,472	1/2	23,203	1/2	9,779	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,294	3/4	62,870	3/4	49,446	3/4	36,200	3/4	22,923	3/4	9,499	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	76,015	10	62,590	10	49,166	10	35,929	10	22,643	10	9,219	10		10	10	10	10	10	10
1/4	75,735	1/4	62,311	1/4	48,886	1/4	35,658	1/4	22,364	1/4	8,940	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,455	1/2	62,031	1/2	48,607	1/2	35,386	1/2	22,084	1/2	8,660	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,176	3/4	61,751	3/4	48,327	3/4	35,115	3/4	21,804	3/4	8,381	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	74,896	11	61,472	11	48,047	11	34,843	11	21,525	11	8,102	11		11	11	11	11	11	11
1/4	74,616	1/4	61,192	1/4	47,768	1/4	34,572	1/4	21,245	1/4	7,822	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,337	1/2	60,912	1/2	47,488	1/2	34,300	1/2	20,965	1/2	7,543	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,057	3/4	60,633	3/4	47,208	3/4	34,029	3/4	20,686	3/4	7,264	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/26/2020 CL
PRINTED: 05/26/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1424"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	163,321	0	151,332	0	139,343	0	127,353	0	115,364	0	103,375	0	91,386	0	79,397
1/4	1/4	1/4	1/4	1/4	163,071	1/4	151,082	1/4	139,093	1/4	127,104	1/4	115,114	1/4	103,125	1/4	91,136	1/4	79,147
1/2	1/2	1/2	1/2	1/2	162,821	1/2	150,832	1/2	138,843	1/2	126,854	1/2	114,865	1/2	102,876	1/2	90,887	1/2	78,898
3/4	3/4	3/4	3/4	3/4	162,571	3/4	150,582	3/4	138,593	3/4	126,604	3/4	114,615	3/4	102,626	3/4	90,637	3/4	78,648
1	1	1	1	1	162,322	1	150,333	1	138,343	1	126,354	1	114,365	1	102,376	1	90,387	1	78,398
1/4	1/4	1/4	1/4	1/4	162,072	1/4	150,083	1/4	138,094	1/4	126,105	1/4	114,115	1/4	102,126	1/4	90,137	1/4	78,148
1/2	1/2	1/2	1/2	1/2	161,822	1/2	149,833	1/2	137,844	1/2	125,855	1/2	113,866	1/2	101,877	1/2	89,888	1/2	77,899
3/4	3/4	3/4	3/4	3/4	161,572	3/4	149,583	3/4	137,594	3/4	125,605	3/4	113,616	3/4	101,627	3/4	89,638	3/4	77,649
2	2	2	2	2	170,772	2	161,323	2	149,333	2	137,344	2	125,355	2	113,366	2	101,377	2	89,388
1/4	1/4	1/4	1/4	1/4	170,522	1/4	161,073	1/4	149,084	1/4	137,095	1/4	125,106	1/4	113,117	1/4	101,128	1/4	89,139
1/2	1/2	1/2	1/2	1/2	170,272	1/2	160,823	1/2	148,834	1/2	136,845	1/2	124,856	1/2	112,867	1/2	100,878	1/2	88,890
3/4	3/4	3/4	3/4	3/4	170,022	3/4	160,573	3/4	148,584	3/4	136,595	3/4	124,606	3/4	112,617	3/4	100,628	3/4	88,641
3	3	3	3	3	170,606	3	160,324	3	148,334	3	136,345	3	124,356	3	112,367	3	100,378	3	88,389
1/4	1/4	1/4	1/4	1/4	170,356	1/4	160,074	1/4	148,085	1/4	136,096	1/4	124,107	1/4	112,118	1/4	100,129	1/4	88,140
1/2	1/2	1/2	1/2	1/2	170,106	1/2	159,824	1/2	147,835	1/2	135,846	1/2	123,857	1/2	111,868	1/2	99,879	1/2	87,891
3/4	3/4	3/4	3/4	3/4	170,377	3/4	159,574	3/4	147,585	3/4	135,596	3/4	123,607	3/4	111,618	3/4	99,628	3/4	87,642
4	4	4	4	4	170,273	4	159,324	4	147,335	4	135,346	4	123,357	4	111,368	4	99,379	4	87,390
1/4	1/4	1/4	1/4	1/4	170,169	1/4	159,075	1/4	147,086	1/4	135,096	1/4	123,107	1/4	111,118	1/4	99,129	1/4	87,141
1/2	1/2	1/2	1/2	1/2	170,065	1/2	158,825	1/2	146,836	1/2	134,847	1/2	122,857	1/2	110,868	1/2	98,879	1/2	86,890
3/4	3/4	3/4	3/4	3/4	169,919	3/4	158,575	3/4	146,586	3/4	134,597	3/4	122,608	3/4	110,619	3/4	98,629	3/4	86,641
5	5	5	5	5	169,773	5	158,325	5	146,336	5	134,347	5	122,358	5	110,369	5	98,380	5	86,391
1/4	1/4	1/4	1/4	1/4	169,628	1/4	158,076	1/4	146,086	1/4	134,097	1/4	122,108	1/4	110,119	1/4	98,130	1/4	86,142
1/2	1/2	1/2	1/2	1/2	169,482	1/2	157,826	1/2	145,837	1/2	133,847	1/2	121,858	1/2	109,869	1/2	97,880	1/2	85,891
3/4	3/4	3/4	3/4	3/4	169,295	3/4	157,576	3/4	145,587	3/4	133,598	3/4	121,609	3/4	109,619	3/4	97,630	3/4	85,642
6	6	6	6	6	169,107	6	157,326	6	145,337	6	133,348	6	121,359	6	109,370	6	97,381	6	85,393
1/4	1/4	1/4	1/4	1/4	168,920	1/4	157,076	1/4	145,087	1/4	133,098	1/4	121,109	1/4	109,120	1/4	97,131	1/4	85,144
1/2	1/2	1/2	1/2	1/2	168,733	1/2	156,827	1/2	144,838	1/2	132,848	1/2	120,859	1/2	108,870	1/2	96,881	1/2	84,892
3/4	3/4	3/4	3/4	3/4	168,504	3/4	156,577	3/4	144,588	3/4	132,599	3/4	120,609	3/4	108,620	3/4	96,631	3/4	84,643
7	7	7	7	7	168,275	7	156,327	7	144,338	7	132,349	7	120,360	7	108,371	7	96,382	7	84,394
1/4	1/4	1/4	1/4	1/4	168,046	1/4	156,077	1/4	144,088	1/4	132,099	1/4	120,110	1/4	108,121	1/4	96,132	1/4	84,145
1/2	1/2	1/2	1/2	1/2	167,817	1/2	155,828	1/2	143,838	1/2	131,849	1/2	119,860	1/2	107,871	1/2	95,882	1/2	83,893
3/4	3/4	3/4	3/4	3/4	167,567	3/4	155,578	3/4	143,589	3/4	131,600	3/4	119,610	3/4	107,621	3/4	95,632	3/4	83,644
8	8	8	8	8	167,317	8	155,328	8	143,339	8	131,350	8	119,361	8	107,371	8	95,382	8	83,395
1/4	1/4	1/4	1/4	1/4	167,067	1/4	155,078	1/4	143,089	1/4	131,100	1/4	119,111	1/4	107,122	1/4	95,133	1/4	83,146
1/2	1/2	1/2	1/2	1/2	166,818	1/2	154,828	1/2	142,839	1/2	130,850	1/2	118,861	1/2	106,872	1/2	94,883	1/2	82,894
3/4	3/4	3/4	3/4	3/4	166,568	3/4	154,579	3/4	142,590	3/4	130,600	3/4	118,611	3/4	106,622	3/4	94,633	3/4	82,645
9	9	9	9	9	166,318	9	154,329	9	142,340	9	130,351	9	118,362	9	106,372	9	94,383	9	82,396
1/4	1/4	1/4	1/4	1/4	166,068	1/4	154,079	1/4	142,090	1/4	130,101	1/4	118,112	1/4	106,123	1/4	94,133	1/4	82,147
1/2	1/2	1/2	1/2	1/2	165,819	1/2	153,829	1/2	141,840	1/2	129,851	1/2	117,862	1/2	105,873	1/2	93,884	1/2	81,895
3/4	3/4	3/4	3/4	3/4	165,569	3/4	153,580	3/4	141,590	3/4	129,601	3/4	117,612	3/4	105,623	3/4	93,634	3/4	81,646
10	10	10	10	10	165,319	10	153,330	10	141,341	10	129,352	10	117,362	10	105,373	10	93,384	10	81,397
1/4	1/4	1/4	1/4	1/4	165,069	1/4	153,080	1/4	141,091	1/4	129,102	1/4	117,113	1/4	105,124	1/4	93,134	1/4	81,148
1/2	1/2	1/2	1/2	1/2	164,819	1/2	152,830	1/2	140,841	1/2	128,852	1/2	116,863	1/2	104,874	1/2	92,885	1/2	80,896
3/4	3/4	3/4	3/4	3/4	164,570	3/4	152,581	3/4	140,591	3/4	128,602	3/4	116,613	3/4	104,624	3/4	92,635	3/4	80,647
11	11	11	11	11	164,320	11	152,331	11	140,342	11	128,352	11	116,363	11	104,374	11	92,385	11	80,398
1/4	1/4	1/4	1/4	1/4	164,070	1/4	152,081	1/4	140,092	1/4	128,103	1/4	116,114	1/4	104,124	1/4	92,135	1/4	80,149
1/2	1/2	1/2	1/2	1/2	163,820	1/2	151,831	1/2	139,842	1/2	127,853	1/2	115,864	1/2	103,875	1/2	91,886	1/2	79,896
3/4	3/4	3/4	3/4	3/4	163,571	3/4	151,581	3/4	139,592	3/4	127,603	3/4	115,614	3/4	103,625	3/4	91,636	3/4	79,647

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 1424"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	79,397	0	67,408	0	55,419	0	43,429	0	31,456	0	19,477	0	7,489	0		0		0	
1/4	79,147	1/4	67,158	1/4	55,169	1/4	43,180	1/4	31,207	1/4	19,228	1/4	7,240	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,897	1/2	66,908	1/2	54,919	1/2	42,930	1/2	30,958	1/2	18,978	1/2	6,990	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,648	3/4	66,658	3/4	54,669	3/4	42,680	3/4	30,709	3/4	18,728	3/4	6,741	3/4	3/4	3/4	3/4	3/4	3/4
1	78,398	1	66,409	1	54,419	1	42,430	1	30,460	1	18,478	1	6,492	1	1	1	1	1	1
1/4	78,148	1/4	66,159	1/4	54,170	1/4	42,181	1/4	30,211	1/4	18,229	1/4	6,243	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,898	1/2	65,909	1/2	53,920	1/2	41,931	1/2	29,962	1/2	17,979	1/2	5,994	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,648	3/4	65,659	3/4	53,670	3/4	41,681	3/4	29,713	3/4	17,729	3/4	5,746	3/4	3/4	3/4	3/4	3/4	3/4
2	77,399	2	65,410	2	53,420	2	41,431	2	29,464	2	17,479	2	5,497	2	2	2	2	2	2
1/4	77,149	1/4	65,160	1/4	53,171	1/4	41,181	1/4	29,215	1/4	17,229	1/4	5,249	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,899	1/2	64,910	1/2	52,921	1/2	40,932	1/2	28,966	1/2	16,980	1/2	5,001	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,649	3/4	64,660	3/4	52,671	3/4	40,682	3/4	28,716	3/4	16,730	3/4	4,754	3/4	3/4	3/4	3/4	3/4	3/4
3	76,400	3	64,410	3	52,421	3	40,432	3	28,467	3	16,480	3	4,507	3	3	3	3	3	3
1/4	76,150	1/4	64,161	1/4	52,171	1/4	40,182	1/4	28,217	1/4	16,230	1/4	4,260	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,900	1/2	63,911	1/2	51,922	1/2	39,933	1/2	27,968	1/2	15,981	1/2	4,013	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,650	3/4	63,661	3/4	51,672	3/4	39,683	3/4	27,719	3/4	15,731	3/4	3,768	3/4	3/4	3/4	3/4	3/4	3/4
4	75,400	4	63,411	4	51,422	4	39,433	4	27,469	4	15,481	4	3,523	4	4	4	4	4	4
1/4	75,151	1/4	63,162	1/4	51,172	1/4	39,183	1/4	27,220	1/4	15,231	1/4	3,279	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,901	1/2	62,912	1/2	50,923	1/2	38,933	1/2	26,970	1/2	14,982	1/2	3,034	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,651	3/4	62,662	3/4	50,673	3/4	38,684	3/4	26,721	3/4	14,732	3/4	2,806	3/4	3/4	3/4	3/4	3/4	3/4
5	74,401	5	62,412	5	50,423	5	38,434	5	26,471	5	14,482	5	2,577	5	5	5	5	5	5
1/4	74,152	1/4	62,162	1/4	50,173	1/4	38,184	1/4	26,221	1/4	14,232	1/4	2,349	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,902	1/2	61,913	1/2	49,924	1/2	37,934	1/2	25,971	1/2	13,983	1/2	2,121	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,652	3/4	61,663	3/4	49,674	3/4	37,685	3/4	25,721	3/4	13,733	3/4	1,933	3/4	3/4	3/4	3/4	3/4	3/4
6	73,402	6	61,413	6	49,424	6	37,435	6	25,472	6	13,483	6	1,746	6	6	6	6	6	6
1/4	73,152	1/4	61,163	1/4	49,174	1/4	37,185	1/4	25,222	1/4	13,233	1/4	1,559	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,903	1/2	60,914	1/2	48,924	1/2	36,935	1/2	24,972	1/2	12,983	1/2	1,371	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,653	3/4	60,664	3/4	48,675	3/4	36,686	3/4	24,722	3/4	12,734	3/4	1,226	3/4	3/4	3/4	3/4	3/4	3/4
7	72,403	7	60,414	7	48,425	7	36,437	7	24,473	7	12,484	7	1,080	7	7	7	7	7	7
1/4	72,153	1/4	60,164	1/4	48,175	1/4	36,188	1/4	24,223	1/4	12,234	1/4	934	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,904	1/2	59,914	1/2	47,925	1/2	35,939	1/2	23,973	1/2	11,984	1/2	789	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,654	3/4	59,665	3/4	47,676	3/4	35,690	3/4	23,723	3/4	11,735	3/4	685	3/4	3/4	3/4	3/4	3/4	3/4
8	71,404	8	59,415	8	47,426	8	35,441	8	23,474	8	11,485	8	581	8	8	8	8	8	8
1/4	71,154	1/4	59,165	1/4	47,176	1/4	35,192	1/4	23,224	1/4	11,235	1/4	476	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,905	1/2	58,915	1/2	46,926	1/2	34,943	1/2	22,974	1/2	10,985	1/2	372	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,655	3/4	58,666	3/4	46,676	3/4	34,694	3/4	22,724	3/4	10,736	3/4	310	3/4	3/4	3/4	3/4	3/4	3/4
9	70,405	9	58,416	9	46,427	9	34,445	9	22,475	9	10,486	9	248	9	9	9	9	9	9
1/4	70,155	1/4	58,166	1/4	46,177	1/4	34,196	1/4	22,225	1/4	10,236	1/4	185	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,905	1/2	57,916	1/2	45,927	1/2	33,947	1/2	21,975	1/2	9,986	1/2	123	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,656	3/4	57,667	3/4	45,677	3/4	33,698	3/4	21,725	3/4	9,737	3/4	102	3/4	3/4	3/4	3/4	3/4	3/4
10	69,406	10	57,417	10	45,428	10	33,449	10	21,475	10	9,487	10	81	10	10	10	10	10	10
1/4	69,156	1/4	57,167	1/4	45,178	1/4	33,199	1/4	21,226	1/4	9,237	1/4	60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,906	1/2	56,917	1/2	44,928	1/2	32,950	1/2	20,976	1/2	8,987	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,657	3/4	56,667	3/4	44,678	3/4	32,701	3/4	20,726	3/4	8,738	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	68,407	11	56,418	11	44,429	11	32,452	11	20,476	11	8,488	11		11	11	11	11	11	11
1/4	68,157	1/4	56,168	1/4	44,179	1/4	32,203	1/4	20,227	1/4	8,238	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,907	1/2	55,918	1/2	43,929	1/2	31,954	1/2	19,977	1/2	7,988	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,657	3/4	55,668	3/4	43,679	3/4	31,705	3/4	19,727	3/4	7,739	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/26/2020 CL
PRINTED: 05/26/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

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