



BARGE "CBC 1424"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-1/4	- 02-1/4
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-0/8	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
<http://www.pmacorp.net>



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	0	1/4	1/2	3/4	1	1/4	1/2	3/4	2	1/4	1/2	3/4	3	1/4	1/2	3/4	4	1/4	1/2	3/4	5	1/4	1/2	3/4	6	1/4	1/2	3/4	7	1/4	1/2	3/4	8	1/4	1/2	3/4	9	1/4	1/2	3/4	10	1/4	1/2	3/4	11	1/4	1/2	3/4	12	1/4	1/2	3/4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
0	112,681	112,922	113,163	113,404	113,644	113,885	114,126	114,367	114,608	114,849	115,090	115,330	115,571	115,812	116,053	116,294	116,535	116,776	117,016	117,257	117,498	117,666	117,834	118,003	118,171	118,339	118,508	118,677	118,845	119,014	119,182	119,351	119,520	119,688	119,857	120,026	120,194	120,363	120,532	120,700	120,869	121,037	121,206	121,375	121,543	121,712	121,881	122,049																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
0	122,218	122,387	122,556	122,725	122,895	123,064	123,233	123,402	123,571	123,741	123,910	124,079	124,248	124,417	124,587	124,756	124,925	125,094	125,263	125,433	125,602	125,771	125,940	126,109	126,279	126,448	126,617	126,786	126,955	127,125	127,294	127,463	127,632	127,801	127,971	128,140	128,309	128,478	128,647	128,817	128,986	129,155	129,324	129,493	129,663	129,832	130,001	130,170																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
0	130,339	130,509	130,678	130,847	131,016	131,185	131,354	131,524	131,693	131,862	132,031	132,200	132,370	132,539	132,708	132,877	133,046	133,216	133,385	133,554	133,723	133,892	134,062	134,231	134,400	134,569	134,738	134,908	135,077	135,246	135,415	135,584	135,754	135,923	136,092	136,261	136,430	136,600	136,769	136,938	137,107	137,276	137,446	137,615	137,784	137,953	138,122	138,292																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
0	138,461	138,630	138,799	138,968	139,138	139,307	139,476	139,645	139,814	139,984	140,153	140,322	140,491	140,660	140,830	140,999	141,168	141,337	141,506	141,676	141,845	142,014	142,183	142,352	142,522	142,691	142,860	143,029	143,198	143,368	143,537	143,706	143,875	144,044	144,214	144,383	144,552	144,721	144,890	145,060	145,229	145,398	145,567	145,736	145,905	146,075	146,244	146,413																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
0	146,582	146,751	146,921	147,090	147,259	147,428	147,597	147,767	147,936	148,105	148,274	148,443	148,613	148,783	148,952	149,121	149,290	149,459	149,628	149,797	149,966	150,135	150,304	150,473	150,642	150,811	150,980	151,149	151,318	151,487	151,656	151,825	151,994	152,163	152,332	152,501	152,670	152,839	153,008	153,177	153,346	153,515	153,684	153,853	154,022	154,191	154,360	154,529	154,698	154,867	155,036	155,205	155,374	155,543	155,712	155,881	156,050	156,219	156,388	156,557	156,726	156,895	157,064	157,233	157,402	157,571	157,740	157,909	158,078	158,247	158,416	158,585	158,754	158,923	159,092	159,261	159,430	159,599	159,768	159,937	160,106	160,275	160,444	160,613	160,782	160,951	161,120	161,289	161,458	161,627	161,796	161,965	162,134	162,303	162,472	162,641	162,810	162,979	163,148	163,317	163,486	163,655	163,824	163,993	164,162	164,331	164,500	164,669	164,838	165,007	165,176	165,345	165,514	165,683	165,852	166,021	166,190	166,359	166,528	166,697	166,866	167,035	167,204	167,373	167,542	167,711	167,880	168,049	168,218	168,387	168,556	168,725	168,894	169,063	169,232	169,401	169,570	169,739	169,908	170,077	170,246	170,415	170,584	170,753	170,922	171,091	171,260	171,429	171,598	171,767	171,936	172,105	172,274	172,443	172,612	172,781	172,950	173,119	173,288	173,457	173,626	173,795	173,964	174,133	174,302	174,471	174,640	174,809	174,978	175,147	175,316	175,485	175,654	175,823	175,992	176,161	176,330	176,499	176,668	176,837	177,006	177,175	177,344	177,513	177,682	177,851	178,020	178,189	178,358	178,527	178,696	178,865	179,034	179,203	179,372	179,541	179,710	179,879	180,048	180,217	180,386	180,555	180,724	180,893	181,062	181,231	181,400	181,569	181,738	181,907	182,076	182,245	182,414	182,583	182,752	182,921	183,090	183,259	183,428	183,597	183,766	183,935	184,104	184,273	184,442	184,611	184,780	184,949	185,118	185,287	185,456	185,625	185,794	185,963	186,132	186,301	186,470	186,639	186,808	186,977	187,146	187,315	187,484	187,653	187,822	187,991	188,160	188,329	188,498	188,667	188,836	189,005	189,174	189,343	189,512	189,681	189,850	190,019	190,188	190,357	190,526	190,695	190,864	191,033	191,202	191,371	191,540	191,709	191,878	192,047	192,216	192,385	192,554	192,723	192,892	193,061	193,230	193,399	193,568	193,737	193,906	194,075	194,244	194,413	194,582	194,751	194,920	195,089	195,258	195,427	195,596	195,765	195,934	196,103	196,272	196,441	196,610	196,779	196,948	197,117	197,286	197,455	197,624	197,793	197,962	198,131	198,300	198,469	198,638	198,807	198,976	199,145	199,314	199,483	199,652	199,821	199,990	200,159	200,328	200,497	200,666	200,835	201,004	201,173	201,342	201,511	201,680	201,849	202,018	202,187	202,356	202,525	202,694	202,863	203,032	203,201	203,370	203,539	203,708	203,877	204,046	204,215	204,384	204,553	204,722	204,891	205,060	205,229	205,398	205,567	205,736	205,905	206,074	206,243	206,412	206,581	206,750	206,919	207,088	207,257	207,426	207,595	207,764	207,933	208,102	208,271	208,440	208,609	208,778	208,947	209,116	209,285	209,454	209,623	209,792	209,961	210,130	210,299	210,468	210,637	210,806	210,975	211,144	211,313	211,482	211,651	211,820	211,989	212,158	212,327	212,496	212,665	212,834	213,003	213,172	213,341	213,510	213,679	213,848	214,017	214,186	214,355	214,524	214,693	214,862	215,031	215,200	215,369	215,538	215,707	215,876	216,045	216,214	216,383	216,552	216,721	216,890	217,059	217,228	217,397	217,566	217,735	217,904	218,073	218,242	218,411	218,580	218,749	218,918	219,087	219,256	219,425	219,594	219,763	219,932	220,101	220,270	220,439	220,608	220,777	220,946	221,115	221,284	221,453	221,622	221,791	221,960	222,129	222,298	222,467	222,636	222,805	222,974	223,143	223,312	223,481	223,650	223,819	223,988	224,157	224,326	224,495	224,664	224,833	225,002	225,171	225,340	225,509	225,678	225,847	226,016	226,185	226,354	226,523	226,692	226,861	227,030	227,199	227,368	227,537	227,706	227,875	228,044	228,213	228,382	228,551	228,720	228,889	229,058	229,227	229,396	229,565	229,734	229,903	230,072	230,241	230,410	230,579	230,748	230,917	231,086	231,255	231,424	231,593	231,762	231,931	232,100	232,269	232,438	232,607	232,776	232,945	233,114	233,283	233,452	233,621	233,790	233,959	234,128	234,297	234,466	234,635	234,804	234,973	235,142	235,311	235,480	235,649	235,818	235,987	236,156	236,325	236,494	236,663	236,832	237,001	237,170	237,339	237,508	237,677	237,846	238,015	238,184	238,353	238,522	238,691	238,860	239,029	239,198	239,367	239,536	239,705	239,874	240,043	240,212	240,381	240,550	240,719	240,888	241,057	241,226	241,395	241,564	241,733	241,902	242,071	242,240	242,409	242,578	242,747	242,916	243,085	243,254	243,423	243,592	243,761	243,930	244,099	244,268	244,437	244,606	244,775	244,944	245,113	245,282	245,451	245,620	245,789	245,958	246,127	246,296	246,465	246,634	246,803	246,972	247,141	247,310	247,479	247,648	247,817	247,986	248,155	248,324	248,493	248,662	248,831	249,000	249,169	249,338	249,507	249,676	249,845	250,014	250,183	250,352	250,521	250,690	250,859	251,028	251,197	251,366	251,535	251,704	251,873	252,042	252,211	252,380	252,549	252,718	252,887	253,056	253,225	253,394	253,563	253,732	253,901	254,070	254,239	254,408	254,577	254,746	254,915	255,084	255,253	255,422	255,591	255,760	255,929	256,098	256,267	256,436	256,605	256,774	256,943	257,112	257,281	257,450	257,619	257,788	257,957	258,126	258,295	258,464	258,633	258,802	258,971	259,140	259,309	259,478	259,647	259,816	259,985	260,154	260,323	260,492	260,661	260,830	260,999	261,168	261,337	261,506	261,675	261,844	262,013	262,182	262,351	262,520	262,689	262,858</



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"

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
& ANALYSIS, INC.

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



BARGE "CBC 1424"

3 CENTER INNAGE 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	116,863	0	128,852	0	140,841	0	152,830	0	164,819	0		0		0		0		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		1		1		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		2		2		2		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		3		3		3		3	
1/4	120,110	1/4	132,099	1/4	144,088	1/4	156,077	1/4	168,046	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		4		4		4		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		5		5		5		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		6		6		6		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		7		7		7		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		8		8		8		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		9		9		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		10		10		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		11		11		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.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 1424"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-7/8	01-7/8	- 02-1/4	02-1/4
2 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 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.**
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



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	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	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	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	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	1	1	1	144,044	1	135,923	1	127,801	1	119,688	1	109,060	1	97,471	1	85,883
1/4	1/4	1/4	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	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	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	2	2	2	143,368	2	135,246	2	127,125	2	119,014	2	108,094	2	96,506	2	84,917
1/4	1/4	1/4	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	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	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	3	3	3	142,691	3	134,569	3	126,448	3	118,339	3	107,128	3	95,540	3	83,952
1/4	1/4	1/4	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	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	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	4	4	4	142,014	4	133,892	4	125,771	4	117,666	4	106,163	4	94,574	4	82,986
1/4	1/4	1/4	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	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	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	5	5	5	141,337	5	133,216	5	125,094	5	116,776	5	105,197	5	93,609	5	82,023
1/4	1/4	1/4	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	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	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	6	6	6	140,660	6	132,539	6	124,417	6	115,812	6	104,231	6	92,643	6	81,062
1/4	1/4	1/4	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	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	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	7	7	7	139,984	7	131,862	7	123,741	7	114,849	7	103,266	7	91,677	7	80,102
1/4	1/4	1/4	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	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	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	8	8	8	139,307	8	131,185	8	123,064	8	113,885	8	102,300	8	90,712	8	79,142
1/4	1/4	1/4	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	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	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	9	9	9	138,630	9	130,509	9	122,387	9	112,922	9	101,334	9	89,746	9	78,182
1/4	1/4	1/4	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	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	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	10	10	10	137,953	10	129,832	10	121,712	10	111,957	10	100,369	10	88,780	10	77,222
1/4	1/4	1/4	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	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	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	11	11	11	137,276	11	129,155	11	121,037	11	110,991	11	99,403	11	87,815	11	76,262
1/4	1/4	1/4	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	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	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
<http://www.pmacorp.net>



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.
P.O. Box 2092
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	0	100,626
1/4	1/4	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	1/4	100,346
1/2	1/2	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	1/2	100,066
3/4	3/4	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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
<http://www.pmacorp.net>



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.
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	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	91,386
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	91,136
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	90,886	1/2	90,886
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	90,637
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	90,387
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	90,137
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	101,876	1/2	89,887	1/2	89,887
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	89,638
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	113,116	1/4	101,127	1/4	89,138
1/2	1/2	1/2	1/2	1/2	170,271	1/2	160,823	1/2	148,834	1/2	136,845	1/2	124,856	1/2	112,867	1/2	100,877	1/2	88,888
3/4	3/4	3/4	3/4	3/4	170,021	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	88,638
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	136,095	1/4	124,106	1/4	112,117	1/4	100,128	1/4	88,139
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	111,867	1/2	99,878	1/2	87,889
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	87,639
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	87,140
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	86,640
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	86,390
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	86,141
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	85,641
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	85,391
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	85,142
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	84,642
7	7	7	7	7	168,275	7	156,327	7	144,338	7	132,349	7	120,360	7	108,371	7	96,381	7	84,392
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	84,143
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	83,643
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	83,393
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	83,143
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	82,644
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	82,394
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	82,144
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	81,645
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	81,395
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	81,145
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	80,895
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	80,646
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	80,396
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	80,146
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"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	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	1/4	
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	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	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	
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	1/4	
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	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	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	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	1/4	
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	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	3/4	
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	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	1/4	
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	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	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	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	1/4	
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	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	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	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	1/4	
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	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	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	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	1/4	
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	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	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	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	1/4	
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	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	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	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	1/4	
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	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	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	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	1/4	
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	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	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	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	1/4	
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	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	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	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	1/4	
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	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	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>