



BARGE "CBC 1700"

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	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8	02-0/8	- 02-0/8
2 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2
2 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 CENTER	- 00-2/8	00-2/8	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/8	01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 153'-09"

February 21, 2019

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

<http://www.pmacorp.net>



BARGE "CBC 1700"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

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	15,750	0	34,614	0	53,317	0	72,065	0	90,899	0	109,732	0	128,543	0	147,383	0	166,222
1/4	88	1/4	16,143	1/4	35,007	1/4	53,704	1/4	72,457	1/4	91,291	1/4	110,124	1/4	128,936	1/4	147,775	1/4	166,615
1/2	138	1/2	16,536	1/2	35,399	1/2	54,091	1/2	72,850	1/2	91,683	1/2	110,516	1/2	129,328	1/2	148,168	1/2	167,007
3/4	187	3/4	16,929	3/4	35,792	3/4	54,478	3/4	73,242	3/4	92,076	3/4	110,908	3/4	129,720	3/4	148,560	3/4	167,399
1	236	1	17,322	1	36,184	1	54,864	1	73,634	1	92,468	1	111,300	1	130,113	1	148,953	1	167,792
1/4	383	1/4	17,716	1/4	36,577	1/4	55,251	1/4	74,027	1/4	92,861	1/4	111,692	1/4	130,505	1/4	149,345	1/4	168,184
1/2	531	1/2	18,109	1/2	36,969	1/2	55,638	1/2	74,419	1/2	93,253	1/2	112,083	1/2	130,898	1/2	149,738	1/2	168,576
3/4	678	3/4	18,502	3/4	37,362	3/4	56,025	3/4	74,811	3/4	93,645	3/4	112,475	3/4	131,290	3/4	150,130	3/4	168,968
2	825	2	18,895	2	37,755	2	56,411	2	75,204	2	94,038	2	112,867	2	131,683	2	150,523	2	169,360
1/4	1,071	1/4	19,288	1/4	38,147	1/4	56,799	1/4	75,596	1/4	94,430	1/4	113,259	1/4	132,075	1/4	150,915	1/4	169,752
1/2	1,317	1/2	19,681	1/2	38,540	1/2	57,186	1/2	75,989	1/2	94,822	1/2	113,650	1/2	132,468	1/2	151,308	1/2	170,144
3/4	1,562	3/4	20,074	3/4	38,932	3/4	57,573	3/4	76,381	3/4	95,215	3/4	114,042	3/4	132,860	3/4	151,700	3/4	170,536
3	1,808	3	20,467	3	39,325	3	57,960	3	76,773	3	95,607	3	114,434	3	133,253	3	152,093	3	170,928
1/4	2,152	1/4	20,860	1/4	39,717	1/4	58,347	1/4	77,166	1/4	95,999	1/4	114,826	1/4	133,645	1/4	152,485	1/4	171,320
1/2	2,496	1/2	21,253	1/2	40,110	1/2	58,735	1/2	77,558	1/2	96,392	1/2	115,217	1/2	134,038	1/2	152,877	1/2	171,712
3/4	2,839	3/4	21,646	3/4	40,502	3/4	59,122	3/4	77,950	3/4	96,784	3/4	115,609	3/4	134,430	3/4	153,270	3/4	172,104
4	3,183	4	22,039	4	40,895	4	59,509	4	78,343	4	97,177	4	116,001	4	134,823	4	153,662	4	172,496
1/4	3,574	1/4	22,432	1/4	41,287	1/4	59,901	1/4	78,735	1/4	97,569	1/4	116,393	1/4	135,215	1/4	154,055	1/4	172,888
1/2	3,966	1/2	22,825	1/2	41,680	1/2	60,294	1/2	79,128	1/2	97,961	1/2	116,784	1/2	135,608	1/2	154,447	1/2	173,280
3/4	4,357	3/4	23,218	3/4	42,073	3/4	60,686	3/4	79,520	3/4	98,354	3/4	117,176	3/4	136,000	3/4	154,840	3/4	173,672
5	4,748	5	23,611	5	42,465	5	61,078	5	79,912	5	98,746	5	117,568	5	136,393	5	155,232	5	174,064
1/4	5,140	1/4	24,004	1/4	42,858	1/4	61,471	1/4	80,305	1/4	99,138	1/4	117,960	1/4	136,785	1/4	155,625	1/4	174,456
1/2	5,533	1/2	24,397	1/2	43,250	1/2	61,863	1/2	80,697	1/2	99,531	1/2	118,351	1/2	137,178	1/2	156,017	1/2	174,848
3/4	5,925	3/4	24,790	3/4	43,643	3/4	62,256	3/4	81,089	3/4	99,923	3/4	118,743	3/4	137,570	3/4	156,410	3/4	175,240
6	6,318	6	25,183	6	44,035	6	62,648	6	81,482	6	100,316	6	119,135	6	137,963	6	156,802	6	175,632
1/4	6,711	1/4	25,576	1/4	44,422	1/4	63,040	1/4	81,874	1/4	100,708	1/4	119,527	1/4	138,355	1/4	157,195	1/4	176,024
1/2	7,104	1/2	25,969	1/2	44,809	1/2	63,433	1/2	82,267	1/2	101,100	1/2	119,918	1/2	138,748	1/2	157,587	1/2	176,416
3/4	7,497	3/4	26,362	3/4	45,196	3/4	63,825	3/4	82,659	3/4	101,493	3/4	120,310	3/4	139,140	3/4	157,980	3/4	176,808
7	7,890	7	26,755	7	45,582	7	64,217	7	83,051	7	101,885	7	120,702	7	139,533	7	158,372	7	177,200
1/4	8,283	1/4	27,148	1/4	45,969	1/4	64,610	1/4	83,444	1/4	102,277	1/4	121,094	1/4	139,925	1/4	158,765	1/4	177,592
1/2	8,676	1/2	27,541	1/2	46,356	1/2	65,002	1/2	83,836	1/2	102,670	1/2	121,485	1/2	140,318	1/2	159,157	1/2	177,984
3/4	9,069	3/4	27,934	3/4	46,743	3/4	65,395	3/4	84,228	3/4	103,062	3/4	121,877	3/4	140,710	3/4	159,550	3/4	178,376
8	9,462	8	28,328	8	47,129	8	65,787	8	84,621	8	103,455	8	122,269	8	141,103	8	159,942	8	178,768
1/4	9,855	1/4	28,721	1/4	47,516	1/4	66,179	1/4	85,013	1/4	103,847	1/4	122,661	1/4	141,495	1/4	160,335	1/4	179,160
1/2	10,248	1/2	29,114	1/2	47,903	1/2	66,572	1/2	85,405	1/2	104,239	1/2	123,052	1/2	141,888	1/2	160,727	1/2	179,552
3/4	10,641	3/4	29,507	3/4	48,290	3/4	66,964	3/4	85,798	3/4	104,632	3/4	123,444	3/4	142,280	3/4	161,120	3/4	179,944
9	11,034	9	29,900	9	48,676	9	67,356	9	86,190	9	105,024	9	123,836	9	142,673	9	161,512	9	179,954
1/4	11,427	1/4	30,293	1/4	49,063	1/4	67,749	1/4	86,583	1/4	105,416	1/4	124,228	1/4	143,065	1/4	161,905	1/4	180,299
1/2	11,820	1/2	30,686	1/2	49,450	1/2	68,141	1/2	86,975	1/2	105,809	1/2	124,620	1/2	143,458	1/2	162,297	1/2	180,643
3/4	12,213	3/4	31,079	3/4	49,837	3/4	68,534	3/4	87,367	3/4	106,201	3/4	125,011	3/4	143,850	3/4	162,690	3/4	180,987
10	12,606	10	31,472	10	50,223	10	68,926	10	87,760	10	106,593	10	125,403	10	144,243	10	163,082	10	181,332
1/4	12,999	1/4	31,865	1/4	50,610	1/4	69,318	1/4	88,152	1/4	106,986	1/4	125,796	1/4	144,635	1/4	163,475	1/4	181,676
1/2	13,392	1/2	32,258	1/2	50,997	1/2	69,711	1/2	88,544	1/2	107,378	1/2	126,188	1/2	145,028	1/2	163,867	1/2	182,020
3/4	13,785	3/4	32,651	3/4	51,384	3/4	70,103	3/4	88,937	3/4	107,771	3/4	126,581	3/4	145,420	3/4	164,260	3/4	182,365
11	14,178	11	33,044	11	51,770	11	70,495	11	89,329	11	108,163	11	126,973	11	145,813	11	164,652	11	182,709
1/4	14,571	1/4	33,437	1/4	52,157	1/4	70,888	1/4	89,722	1/4	108,555	1/4	127,366	1/4	146,205	1/4	165,045	1/4	183,053
1/2	14,964	1/2	33,829	1/2	52,544	1/2	71,280	1/2	90,114	1/2	108,948	1/2	127,758	1/2	146,598	1/2	165,437	1/2	183,398
3/4	15,357	3/4	34,222	3/4	52,931	3/4	71,673	3/4	90,506	3/4	109,340	3/4	128,151	3/4	146,990	3/4	165,830	3/4	183,742

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 1'-03" OFF CENTERLINE AND 22'-06" FORWARD OF AFT BULKHEAD

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BARGE "CBC 1700"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

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	184,086	0	200,578	0	217,062	0	230,498	0		0		0		0		0		0	
1/4	184,431	1/4	200,921	1/4	217,405	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	184,775	1/2	201,265	1/2	217,749	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	185,119	3/4	201,608	3/4	218,092	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	185,464	1	201,951	1	218,435	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	185,808	1/4	202,295	1/4	218,779	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	186,152	1/2	202,638	1/2	219,122	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	186,497	3/4	202,982	3/4	219,466	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	186,841	2	203,325	2	219,809	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	187,185	1/4	203,669	1/4	220,153	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	187,528	1/2	204,012	1/2	220,496	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	187,871	3/4	204,355	3/4	220,839	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	188,215	3	204,699	3	221,183	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	188,558	1/4	205,042	1/4	221,526	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	188,902	1/2	205,386	1/2	221,870	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	189,245	3/4	205,729	3/4	222,213	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	189,588	4	206,072	4	222,556	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	189,932	1/4	206,416	1/4	222,900	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	190,275	1/2	206,759	1/2	223,243	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	190,619	3/4	207,103	3/4	223,587	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	190,962	5	207,446	5	223,930	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	191,306	1/4	207,790	1/4	224,273	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	191,649	1/2	208,133	1/2	224,617	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	191,992	3/4	208,476	3/4	224,960	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	192,336	6	208,820	6	225,303	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	192,679	1/4	209,163	1/4	225,635	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	193,023	1/2	209,507	1/2	225,967	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	193,366	3/4	209,850	3/4	226,298	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	193,709	7	210,193	7	226,630	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	194,053	1/4	210,537	1/4	226,954	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	194,396	1/2	210,880	1/2	227,279	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	194,740	3/4	211,224	3/4	227,603	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	195,083	8	211,567	8	227,928	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	195,427	1/4	211,911	1/4	228,187	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	195,770	1/2	212,254	1/2	228,446	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	196,113	3/4	212,597	3/4	228,704	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	196,457	9	212,941	9	228,963	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	196,800	1/4	213,284	1/4	229,157	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	197,144	1/2	213,628	1/2	229,350	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	197,487	3/4	213,971	3/4	229,544	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	197,830	10	214,314	10	229,737	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	198,174	1/4	214,658	1/4	229,865	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	198,517	1/2	215,001	1/2	229,993	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	198,861	3/4	215,345	3/4	230,121	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	199,204	11	215,688	11	230,249	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	199,548	1/4	216,032	1/4	230,311	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	199,891	1/2	216,375	1/2	230,374	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	200,234	3/4	216,718	3/4	230,436	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/21/2019 SW - JS
CALCULATED: 02/21/2019 CL
PRINTED: 02/21/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

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



BARGE "CBC 1700"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 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	752	0	10,993	0	21,514	0	32,003	0	42,522	0	53,044	0	63,565	0	74,087	0	84,609	0	95,129
1/4	889	1/4	11,212	1/4	21,733	1/4	32,222	1/4	42,741	1/4	53,263	1/4	63,784	1/4	74,306	1/4	84,828	1/4	95,348
1/2	1,026	1/2	11,431	1/2	21,953	1/2	32,440	1/2	42,960	1/2	53,482	1/2	64,004	1/2	74,525	1/2	85,047	1/2	95,567
3/4	1,217	3/4	11,651	3/4	22,172	3/4	32,659	3/4	43,180	3/4	53,701	3/4	64,223	3/4	74,745	3/4	85,266	3/4	95,787
1	1,409	1	11,870	1	22,391	1	32,878	1	43,399	1	53,920	1	64,442	1	74,964	1	85,485	1	96,006
1/4	1,601	1/4	12,089	1/4	22,610	1/4	33,097	1/4	43,618	1/4	54,140	1/4	64,661	1/4	75,183	1/4	85,705	1/4	96,225
1/2	1,793	1/2	12,308	1/2	22,829	1/2	33,316	1/2	43,837	1/2	54,359	1/2	64,880	1/2	75,402	1/2	85,924	1/2	96,444
3/4	2,011	3/4	12,527	3/4	23,049	3/4	33,535	3/4	44,056	3/4	54,578	3/4	65,100	3/4	75,621	3/4	86,143	3/4	96,663
2	2,229	2	12,747	2	23,268	2	33,754	2	44,276	2	54,797	2	65,319	2	75,841	2	86,362	2	96,882
1/4	2,447	1/4	12,966	1/4	23,487	1/4	33,973	1/4	44,495	1/4	55,016	1/4	65,538	1/4	76,060	1/4	86,581	1/4	97,101
1/2	2,665	1/2	13,185	1/2	23,706	1/2	34,192	1/2	44,714	1/2	55,236	1/2	65,757	1/2	76,279	1/2	86,801	1/2	97,320
3/4	2,884	3/4	13,404	3/4	23,925	3/4	34,412	3/4	44,933	3/4	55,455	3/4	65,976	3/4	76,498	3/4	87,020	3/4	97,539
3	3,103	3	13,623	3	24,145	3	34,631	3	45,152	3	55,674	3	66,196	3	76,717	3	87,239	3	97,758
1/4	3,322	1/4	13,843	1/4	24,364	1/4	34,850	1/4	45,372	1/4	55,893	1/4	66,415	1/4	76,937	1/4	87,458	1/4	97,977
1/2	3,541	1/2	14,062	1/2	24,583	1/2	35,069	1/2	45,591	1/2	56,112	1/2	66,634	1/2	77,156	1/2	87,677	1/2	98,197
3/4	3,760	3/4	14,281	3/4	24,801	3/4	35,288	3/4	45,810	3/4	56,332	3/4	66,853	3/4	77,375	3/4	87,897	3/4	98,416
4	3,979	4	14,500	4	25,019	4	35,508	4	46,029	4	56,551	4	67,073	4	77,594	4	88,116	4	98,635
1/4	4,198	1/4	14,719	1/4	25,238	1/4	35,727	1/4	46,248	1/4	56,770	1/4	67,292	1/4	77,813	1/4	88,335	1/4	98,854
1/2	4,417	1/2	14,939	1/2	25,456	1/2	35,946	1/2	46,468	1/2	56,989	1/2	67,511	1/2	78,033	1/2	88,554	1/2	99,073
3/4	4,637	3/4	15,158	3/4	25,674	3/4	36,165	3/4	46,687	3/4	57,208	3/4	67,730	3/4	78,252	3/4	88,773	3/4	99,292
5	4,856	5	15,377	5	25,892	5	36,384	5	46,906	5	57,428	5	67,949	5	78,471	5	88,993	5	99,511
1/4	5,075	1/4	15,596	1/4	26,110	1/4	36,604	1/4	47,125	1/4	57,647	1/4	68,169	1/4	78,690	1/4	89,212	1/4	99,730
1/2	5,294	1/2	15,815	1/2	26,329	1/2	36,823	1/2	47,344	1/2	57,866	1/2	68,388	1/2	78,909	1/2	89,431	1/2	99,949
3/4	5,513	3/4	16,035	3/4	26,547	3/4	37,042	3/4	47,564	3/4	58,085	3/4	68,607	3/4	79,129	3/4	89,650	3/4	100,168
6	5,732	6	16,254	6	26,765	6	37,261	6	47,783	6	58,304	6	68,826	6	79,348	6	89,869	6	100,388
1/4	5,952	1/4	16,473	1/4	26,983	1/4	37,480	1/4	48,002	1/4	58,524	1/4	69,045	1/4	79,567	1/4	90,089	1/4	100,607
1/2	6,171	1/2	16,692	1/2	27,201	1/2	37,700	1/2	48,221	1/2	58,743	1/2	69,265	1/2	79,786	1/2	90,308	1/2	100,826
3/4	6,390	3/4	16,911	3/4	27,420	3/4	37,919	3/4	48,440	3/4	58,962	3/4	69,484	3/4	80,005	3/4	90,527	3/4	101,045
7	6,609	7	17,130	7	27,638	7	38,138	7	48,660	7	59,181	7	69,703	7	80,225	7	90,746	7	101,264
1/4	6,828	1/4	17,350	1/4	27,856	1/4	38,357	1/4	48,879	1/4	59,400	1/4	69,922	1/4	80,444	1/4	90,965	1/4	101,483
1/2	7,048	1/2	17,569	1/2	28,074	1/2	38,576	1/2	49,098	1/2	59,620	1/2	70,141	1/2	80,663	1/2	91,185	1/2	101,702
3/4	7,267	3/4	17,788	3/4	28,292	3/4	38,796	3/4	49,317	3/4	59,839	3/4	70,361	3/4	80,882	3/4	91,404	3/4	101,921
8	7,486	8	18,007	8	28,511	8	39,015	8	49,536	8	60,058	8	70,580	8	81,101	8	91,623	8	102,140
1/4	7,705	1/4	18,226	1/4	28,729	1/4	39,234	1/4	49,756	1/4	60,277	1/4	70,799	1/4	81,321	1/4	91,842	1/4	102,359
1/2	7,924	1/2	18,446	1/2	28,947	1/2	39,453	1/2	49,975	1/2	60,496	1/2	71,018	1/2	81,540	1/2	92,061	1/2	102,579
3/4	8,144	3/4	18,665	3/4	29,165	3/4	39,672	3/4	50,194	3/4	60,716	3/4	71,237	3/4	81,759	3/4	92,281	3/4	102,798
9	8,363	9	18,884	9	29,383	9	39,892	9	50,413	9	60,935	9	71,457	9	81,978	9	92,500	9	103,017
1/4	8,582	1/4	19,103	1/4	29,602	1/4	40,111	1/4	50,632	1/4	61,154	1/4	71,676	1/4	82,197	1/4	92,719	1/4	103,236
1/2	8,801	1/2	19,322	1/2	29,820	1/2	40,330	1/2	50,852	1/2	61,373	1/2	71,895	1/2	82,417	1/2	92,938	1/2	103,455
3/4	9,020	3/4	19,542	3/4	30,038	3/4	40,549	3/4	51,071	3/4	61,592	3/4	72,114	3/4	82,636	3/4	93,157	3/4	103,674
10	9,240	10	19,761	10	30,256	10	40,768	10	51,290	10	61,812	10	72,333	10	82,855	10	93,376	10	103,893
1/4	9,459	1/4	19,980	1/4	30,474	1/4	40,988	1/4	51,509	1/4	62,031	1/4	72,553	1/4	83,074	1/4	93,596	1/4	104,112
1/2	9,678	1/2	20,199	1/2	30,692	1/2	41,207	1/2	51,728	1/2	62,250	1/2	72,772	1/2	83,293	1/2	93,815	1/2	104,331
3/4	9,897	3/4	20,418	3/4	30,911	3/4	41,426	3/4	51,948	3/4	62,469	3/4	72,991	3/4	83,513	3/4	94,034	3/4	104,550
11	10,116	11	20,638	11	31,129	11	41,645	11	52,167	11	62,688	11	73,210	11	83,732	11	94,253	11	104,770
1/4	10,336	1/4	20,857	1/4	31,347	1/4	41,864	1/4	52,386	1/4	62,908	1/4	73,429	1/4	83,951	1/4	94,472	1/4	104,989
1/2	10,555	1/2	21,076	1/2	31,565	1/2	42,084	1/2	52,605	1/2	63,127	1/2	73,649	1/2	84,170	1/2	94,691	1/2	105,208
3/4	10,774	3/4	21,295	3/4	31,784	3/4	42,303	3/4	52,824	3/4	63,346	3/4	73,868	3/4	84,389	3/4	94,910	3/4	105,427

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 14'-09" OFF 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 1700"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 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	105,646	0	116,147	0	126,634	0		0		0		0		0		0		0	
1/4	105,865	1/4	116,365	1/4	126,853	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,084	1/2	116,584	1/2	127,071	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,303	3/4	116,802	3/4	127,290	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	106,522	1	117,021	1	127,508	1		1		1		1		1		1		1	
1/4	106,741	1/4	117,239	1/4	127,727	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,960	1/2	117,458	1/2	127,945	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,180	3/4	117,676	3/4	128,164	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	107,399	2	117,895	2	128,382	2		2		2		2		2		2		2	
1/4	107,618	1/4	118,113	1/4	128,600	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,837	1/2	118,332	1/2	128,819	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,056	3/4	118,550	3/4	129,037	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	108,275	3	118,769	3	129,256	3		3		3		3		3		3		3	
1/4	108,494	1/4	118,987	1/4	129,474	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,713	1/2	119,206	1/2	129,693	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,932	3/4	119,424	3/4	129,905	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	109,151	4	119,643	4	130,116	4		4		4		4		4		4		4	
1/4	109,371	1/4	119,861	1/4	130,328	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,590	1/2	120,079	1/2	130,540	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,809	3/4	120,298	3/4	130,721	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	110,028	5	120,516	5	130,901	5		5		5		5		5		5		5	
1/4	110,247	1/4	120,735	1/4	131,081	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,466	1/2	120,953	1/2	131,261	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,685	3/4	121,172	3/4	131,405	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	110,903	6	121,390	6	131,549	6		6		6		6		6		6		6	
1/4	111,121	1/4	121,609	1/4	131,692	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,340	1/2	121,827	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,558	3/4	122,046	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	111,777	7	122,264	7		7		7		7		7		7		7		7	
1/4	111,995	1/4	122,483	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,214	1/2	122,701	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,432	3/4	122,920	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	112,651	8	123,138	8		8		8		8		8		8		8		8	
1/4	112,869	1/4	123,357	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,088	1/2	123,575	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,306	3/4	123,794	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	113,525	9	124,012	9		9		9		9		9		9		9		9	
1/4	113,743	1/4	124,231	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,962	1/2	124,449	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,180	3/4	124,668	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	114,399	10	124,886	10		10		10		10		10		10		10		10	
1/4	114,617	1/4	125,105	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,836	1/2	125,323	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,054	3/4	125,542	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	115,273	11	125,760	11		11		11		11		11		11		11		11	
1/4	115,491	1/4	125,979	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,710	1/2	126,197	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,928	3/4	126,416	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: 02/21/2019 SW - JS
CALCULATED: 02/21/2019 CL
PRINTED: 02/21/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

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



BARGE "CBC 1700"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 3/4"

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	751	0	10,989	0	21,507	0	31,738	0	42,209	0	52,727	0	63,245	0	73,763	0	84,281	0	94,798
1/4	888	1/4	11,208	1/4	21,726	1/4	31,949	1/4	42,428	1/4	52,946	1/4	63,464	1/4	73,982	1/4	84,500	1/4	95,017
1/2	1,025	1/2	11,428	1/2	21,945	1/2	32,160	1/2	42,647	1/2	53,165	1/2	63,683	1/2	74,201	1/2	84,719	1/2	95,236
3/4	1,217	3/4	11,647	3/4	22,164	3/4	32,372	3/4	42,866	3/4	53,384	3/4	63,902	3/4	74,420	3/4	84,938	3/4	95,455
1	1,409	1	11,866	1	22,383	1	32,583	1	43,085	1	53,603	1	64,121	1	74,639	1	85,157	1	95,674
1/4	1,600	1/4	12,085	1/4	22,602	1/4	32,794	1/4	43,304	1/4	53,822	1/4	64,340	1/4	74,858	1/4	85,376	1/4	95,893
1/2	1,792	1/2	12,304	1/2	22,822	1/2	33,005	1/2	43,523	1/2	54,041	1/2	64,559	1/2	75,077	1/2	85,595	1/2	96,112
3/4	2,010	3/4	12,523	3/4	23,041	3/4	33,224	3/4	43,742	3/4	54,260	3/4	64,778	3/4	75,296	3/4	85,814	3/4	96,331
2	2,228	2	12,742	2	23,260	2	33,444	2	43,962	2	54,480	2	64,998	2	75,516	2	86,034	2	96,550
1/4	2,446	1/4	12,961	1/4	23,479	1/4	33,663	1/4	44,181	1/4	54,699	1/4	65,217	1/4	75,735	1/4	86,253	1/4	96,769
1/2	2,664	1/2	13,180	1/2	23,698	1/2	33,882	1/2	44,400	1/2	54,918	1/2	65,436	1/2	75,954	1/2	86,472	1/2	96,988
3/4	2,883	3/4	13,400	3/4	23,917	3/4	34,101	3/4	44,619	3/4	55,137	3/4	65,655	3/4	76,173	3/4	86,691	3/4	97,207
3	3,102	3	13,619	3	24,136	3	34,320	3	44,838	3	55,356	3	65,874	3	76,392	3	86,910	3	97,426
1/4	3,321	1/4	13,838	1/4	24,355	1/4	34,539	1/4	45,057	1/4	55,575	1/4	66,093	1/4	76,611	1/4	87,129	1/4	97,645
1/2	3,539	1/2	14,057	1/2	24,574	1/2	34,758	1/2	45,276	1/2	55,794	1/2	66,312	1/2	76,830	1/2	87,348	1/2	97,864
3/4	3,759	3/4	14,276	3/4	24,785	3/4	34,977	3/4	45,495	3/4	56,013	3/4	66,531	3/4	77,049	3/4	87,567	3/4	98,083
4	3,978	4	14,495	4	24,996	4	35,197	4	45,715	4	56,233	4	66,751	4	77,269	4	87,787	4	98,302
1/4	4,197	1/4	14,714	1/4	25,206	1/4	35,416	1/4	45,934	1/4	56,452	1/4	66,970	1/4	77,488	1/4	88,006	1/4	98,521
1/2	4,416	1/2	14,933	1/2	25,417	1/2	35,635	1/2	46,153	1/2	56,671	1/2	67,189	1/2	77,707	1/2	88,225	1/2	98,740
3/4	4,635	3/4	15,152	3/4	25,628	3/4	35,854	3/4	46,372	3/4	56,890	3/4	67,408	3/4	77,926	3/4	88,444	3/4	98,959
5	4,854	5	15,372	5	25,838	5	36,073	5	46,591	5	57,109	5	67,627	5	78,145	5	88,663	5	99,178
1/4	5,073	1/4	15,591	1/4	26,049	1/4	36,292	1/4	46,810	1/4	57,328	1/4	67,846	1/4	78,364	1/4	88,882	1/4	99,397
1/2	5,292	1/2	15,810	1/2	26,260	1/2	36,511	1/2	47,029	1/2	57,547	1/2	68,065	1/2	78,583	1/2	89,101	1/2	99,616
3/4	5,511	3/4	16,029	3/4	26,470	3/4	36,730	3/4	47,248	3/4	57,766	3/4	68,284	3/4	78,802	3/4	89,320	3/4	99,835
6	5,730	6	16,248	6	26,681	6	36,950	6	47,468	6	57,986	6	68,504	6	79,022	6	89,540	6	100,054
1/4	5,950	1/4	16,467	1/4	26,892	1/4	37,169	1/4	47,687	1/4	58,205	1/4	68,723	1/4	79,241	1/4	89,759	1/4	100,273
1/2	6,169	1/2	16,686	1/2	27,102	1/2	37,388	1/2	47,906	1/2	58,424	1/2	68,942	1/2	79,460	1/2	89,978	1/2	100,492
3/4	6,388	3/4	16,905	3/4	27,313	3/4	37,607	3/4	48,125	3/4	58,643	3/4	69,161	3/4	79,679	3/4	90,197	3/4	100,711
7	6,607	7	17,125	7	27,524	7	37,826	7	48,344	7	58,862	7	69,380	7	79,898	7	90,416	7	100,930
1/4	6,826	1/4	17,344	1/4	27,734	1/4	38,045	1/4	48,563	1/4	59,081	1/4	69,599	1/4	80,117	1/4	90,635	1/4	101,149
1/2	7,045	1/2	17,563	1/2	27,945	1/2	38,264	1/2	48,782	1/2	59,300	1/2	69,818	1/2	80,336	1/2	90,854	1/2	101,368
3/4	7,264	3/4	17,782	3/4	28,156	3/4	38,483	3/4	49,001	3/4	59,519	3/4	70,037	3/4	80,555	3/4	91,073	3/4	101,587
8	7,483	8	18,001	8	28,366	8	38,703	8	49,221	8	59,739	8	70,257	8	80,775	8	91,293	8	101,806
1/4	7,703	1/4	18,220	1/4	28,577	1/4	38,922	1/4	49,440	1/4	59,958	1/4	70,476	1/4	80,994	1/4	91,512	1/4	102,025
1/2	7,922	1/2	18,439	1/2	28,788	1/2	39,141	1/2	49,659	1/2	60,177	1/2	70,695	1/2	81,213	1/2	91,731	1/2	102,244
3/4	8,141	3/4	18,658	3/4	28,998	3/4	39,360	3/4	49,878	3/4	60,396	3/4	70,914	3/4	81,432	3/4	91,950	3/4	102,463
9	8,360	9	18,877	9	29,209	9	39,579	9	50,097	9	60,615	9	71,133	9	81,651	9	92,169	9	102,682
1/4	8,579	1/4	19,097	1/4	29,420	1/4	39,798	1/4	50,316	1/4	60,834	1/4	71,352	1/4	81,870	1/4	92,388	1/4	102,901
1/2	8,798	1/2	19,316	1/2	29,630	1/2	40,017	1/2	50,535	1/2	61,053	1/2	71,571	1/2	82,089	1/2	92,607	1/2	103,120
3/4	9,017	3/4	19,535	3/4	29,841	3/4	40,236	3/4	50,754	3/4	61,272	3/4	71,790	3/4	82,308	3/4	92,826	3/4	103,339
10	9,236	10	19,754	10	30,051	10	40,456	10	50,974	10	61,492	10	72,010	10	82,528	10	93,045	10	103,558
1/4	9,455	1/4	19,973	1/4	30,262	1/4	40,675	1/4	51,193	1/4	61,711	1/4	72,229	1/4	82,747	1/4	93,264	1/4	103,777
1/2	9,675	1/2	20,192	1/2	30,473	1/2	40,894	1/2	51,412	1/2	61,930	1/2	72,448	1/2	82,966	1/2	93,483	1/2	103,996
3/4	9,894	3/4	20,411	3/4	30,683	3/4	41,113	3/4	51,631	3/4	62,149	3/4	72,667	3/4	83,185	3/4	93,702	3/4	104,215
11	10,113	11	20,630	11	30,894	11	41,332	11	51,850	11	62,368	11	72,886	11	83,404	11	93,921	11	104,434
1/4	10,332	1/4	20,849	1/4	31,105	1/4	41,551	1/4	52,069	1/4	62,587	1/4	73,105	1/4	83,623	1/4	94,140	1/4	104,653
1/2	10,551	1/2	21,069	1/2	31,315	1/2	41,770	1/2	52,288	1/2	62,806	1/2	73,324	1/2	83,842	1/2	94,359	1/2	104,872
3/4	10,770	3/4	21,288	3/4	31,527	3/4	41,989	3/4	52,507	3/4	63,025	3/4	73,543	3/4	84,061	3/4	94,578	3/4	105,092

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 14'-09" OFF 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 1700"

**2 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 3/4"

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	105,311	0	115,808	0	126,291	0		0		0		0		0		0		0	
1/4	105,530	1/4	116,026	1/4	126,510	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	105,749	1/2	116,245	1/2	126,728	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105,968	3/4	116,463	3/4	126,947	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	106,187	1	116,681	1	127,165	1		1		1		1		1		1		1	
1/4	106,406	1/4	116,900	1/4	127,383	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,625	1/2	117,118	1/2	127,602	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,844	3/4	117,337	3/4	127,820	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	107,063	2	117,555	2	128,039	2		2		2		2		2		2		2	
1/4	107,282	1/4	117,773	1/4	128,257	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,501	1/2	117,992	1/2	128,476	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,720	3/4	118,210	3/4	128,694	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	107,939	3	118,429	3	128,912	3		3		3		3		3		3		3	
1/4	108,158	1/4	118,647	1/4	129,131	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,377	1/2	118,865	1/2	129,349	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,596	3/4	119,084	3/4	129,561	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	108,815	4	119,302	4	129,773	4		4		4		4		4		4		4	
1/4	109,034	1/4	119,521	1/4	129,984	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,253	1/2	119,739	1/2	130,196	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,472	3/4	119,957	3/4	130,376	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	109,691	5	120,176	5	130,557	5		5		5		5		5		5		5	
1/4	109,910	1/4	120,394	1/4	130,737	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,129	1/2	120,613	1/2	130,917	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,347	3/4	120,831	3/4	131,061	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	110,566	6	121,050	6	131,204	6		6		6		6		6		6		6	
1/4	110,784	1/4	121,268	1/4	131,348	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,003	1/2	121,486	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,221	3/4	121,705	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	111,439	7	121,923	7		7		7		7		7		7		7		7	
1/4	111,658	1/4	122,142	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,876	1/2	122,360	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,095	3/4	122,578	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	112,313	8	122,797	8		8		8		8		8		8		8		8	
1/4	112,532	1/4	123,015	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,750	1/2	123,234	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,968	3/4	123,452	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	113,187	9	123,670	9		9		9		9		9		9		9		9	
1/4	113,405	1/4	123,889	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,624	1/2	124,107	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,842	3/4	124,326	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	114,060	10	124,544	10		10		10		10		10		10		10		10	
1/4	114,279	1/4	124,763	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,497	1/2	124,981	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,716	3/4	125,199	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	114,934	11	125,418	11		11		11		11		11		11		11		11	
1/4	115,152	1/4	125,636	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,371	1/2	125,855	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,589	3/4	126,073	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: 02/21/2019 SW - JS
CALCULATED: 02/21/2019 CL
PRINTED: 02/21/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1700"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

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	15,613	0	34,314	0	52,996	0	71,687	0	90,388	0	109,090	0	127,791	0	146,491	0	165,192
1/4	88	1/4	16,003	1/4	34,703	1/4	53,384	1/4	72,077	1/4	90,778	1/4	109,479	1/4	128,181	1/4	146,881	1/4	165,581
1/2	137	1/2	16,392	1/2	35,093	1/2	53,773	1/2	72,466	1/2	91,168	1/2	109,869	1/2	128,570	1/2	147,270	1/2	165,970
3/4	185	3/4	16,782	3/4	35,483	3/4	54,162	3/4	72,856	3/4	91,557	3/4	110,259	3/4	128,960	3/4	147,660	3/4	166,360
1	234	1	17,171	1	35,872	1	54,551	1	73,246	1	91,947	1	110,648	1	129,349	1	148,050	1	166,749
1/4	380	1/4	17,561	1/4	36,262	1/4	54,940	1/4	73,635	1/4	92,336	1/4	111,038	1/4	129,739	1/4	148,439	1/4	167,139
1/2	526	1/2	17,951	1/2	36,651	1/2	55,328	1/2	74,025	1/2	92,726	1/2	111,427	1/2	130,129	1/2	148,829	1/2	167,528
3/4	672	3/4	18,340	3/4	37,041	3/4	55,717	3/4	74,414	3/4	93,116	3/4	111,817	3/4	130,518	3/4	149,218	3/4	167,917
2	819	2	18,730	2	37,431	2	56,106	2	74,804	2	93,505	2	112,207	2	130,908	2	149,608	2	168,307
1/4	1,062	1/4	19,119	1/4	37,820	1/4	56,495	1/4	75,194	1/4	93,895	1/4	112,596	1/4	131,297	1/4	149,998	1/4	168,696
1/2	1,306	1/2	19,509	1/2	38,210	1/2	56,884	1/2	75,583	1/2	94,285	1/2	112,986	1/2	131,687	1/2	150,387	1/2	169,086
3/4	1,549	3/4	19,899	3/4	38,599	3/4	57,274	3/4	75,973	3/4	94,674	3/4	113,375	3/4	132,076	3/4	150,777	3/4	169,475
3	1,792	3	20,288	3	38,989	3	57,663	3	76,362	3	95,064	3	113,765	3	132,466	3	151,166	3	169,865
1/4	2,133	1/4	20,678	1/4	39,379	1/4	58,052	1/4	76,752	1/4	95,453	1/4	114,155	1/4	132,856	1/4	151,556	1/4	170,254
1/2	2,474	1/2	21,067	1/2	39,768	1/2	58,441	1/2	77,142	1/2	95,843	1/2	114,544	1/2	133,245	1/2	151,946	1/2	170,643
3/4	2,815	3/4	21,457	3/4	40,158	3/4	58,830	3/4	77,531	3/4	96,233	3/4	114,934	3/4	133,635	3/4	152,335	3/4	171,033
4	3,156	4	21,847	4	40,547	4	59,220	4	77,921	4	96,622	4	115,323	4	134,024	4	152,725	4	171,422
1/4	3,544	1/4	22,236	1/4	40,937	1/4	59,609	1/4	78,311	1/4	97,012	1/4	115,713	1/4	134,414	1/4	153,114	1/4	171,812
1/2	3,931	1/2	22,626	1/2	41,327	1/2	59,999	1/2	78,700	1/2	97,401	1/2	116,103	1/2	134,804	1/2	153,504	1/2	172,201
3/4	4,319	3/4	23,015	3/4	41,716	3/4	60,388	3/4	79,090	3/4	97,791	3/4	116,492	3/4	135,193	3/4	153,894	3/4	172,590
5	4,707	5	23,405	5	42,106	5	60,778	5	79,479	5	98,181	5	116,882	5	135,583	5	154,283	5	172,980
1/4	5,096	1/4	23,795	1/4	42,495	1/4	61,168	1/4	79,869	1/4	98,570	1/4	117,272	1/4	135,972	1/4	154,673	1/4	173,369
1/2	5,485	1/2	24,184	1/2	42,885	1/2	61,557	1/2	80,259	1/2	98,960	1/2	117,661	1/2	136,362	1/2	155,062	1/2	173,759
3/4	5,874	3/4	24,574	3/4	43,275	3/4	61,947	3/4	80,648	3/4	99,349	3/4	118,051	3/4	136,752	3/4	155,452	3/4	174,148
6	6,263	6	24,963	6	43,664	6	62,337	6	81,038	6	99,739	6	118,440	6	137,141	6	155,841	6	174,537
1/4	6,652	1/4	25,353	1/4	44,053	1/4	62,726	1/4	81,427	1/4	100,129	1/4	118,830	1/4	137,531	1/4	156,231	1/4	174,927
1/2	7,042	1/2	25,743	1/2	44,442	1/2	63,116	1/2	81,817	1/2	100,518	1/2	119,220	1/2	137,920	1/2	156,621	1/2	175,316
3/4	7,431	3/4	26,132	3/4	44,831	3/4	63,505	3/4	82,207	3/4	100,908	3/4	119,609	3/4	138,310	3/4	157,010	3/4	175,706
7	7,821	7	26,522	7	45,219	7	63,895	7	82,596	7	101,298	7	119,999	7	138,700	7	157,400	7	176,095
1/4	8,211	1/4	26,911	1/4	45,608	1/4	64,285	1/4	82,986	1/4	101,687	1/4	120,388	1/4	139,089	1/4	157,789	1/4	176,484
1/2	8,600	1/2	27,301	1/2	45,997	1/2	64,674	1/2	83,375	1/2	102,077	1/2	120,778	1/2	139,479	1/2	158,179	1/2	176,874
3/4	8,990	3/4	27,691	3/4	46,386	3/4	65,064	3/4	83,765	3/4	102,466	3/4	121,168	3/4	139,868	3/4	158,569	3/4	177,263
8	9,379	8	28,080	8	46,775	8	65,453	8	84,155	8	102,856	8	121,557	8	140,258	8	158,958	8	177,653
1/4	9,769	1/4	28,470	1/4	47,163	1/4	65,843	1/4	84,544	1/4	103,246	1/4	121,947	1/4	140,647	1/4	159,348	1/4	178,042
1/2	10,159	1/2	28,859	1/2	47,552	1/2	66,233	1/2	84,934	1/2	103,635	1/2	122,336	1/2	141,037	1/2	159,737	1/2	178,432
3/4	10,548	3/4	29,249	3/4	47,941	3/4	66,622	3/4	85,324	3/4	104,025	3/4	122,726	3/4	141,427	3/4	160,127	3/4	178,821
9	10,938	9	29,639	9	48,330	9	67,012	9	85,713	9	104,414	9	123,116	9	141,816	9	160,517	9	179,210
1/4	11,327	1/4	30,028	1/4	48,719	1/4	67,401	1/4	86,103	1/4	104,804	1/4	123,505	1/4	142,206	1/4	160,906	1/4	179,600
1/2	11,717	1/2	30,418	1/2	49,107	1/2	67,791	1/2	86,492	1/2	105,194	1/2	123,895	1/2	142,595	1/2	161,296	1/2	179,989
3/4	12,107	3/4	30,807	3/4	49,496	3/4	68,181	3/4	86,882	3/4	105,583	3/4	124,285	3/4	142,985	3/4	161,685	3/4	180,379
10	12,496	10	31,197	10	49,885	10	68,570	10	87,272	10	105,973	10	124,674	10	143,375	10	162,075	10	180,768
1/4	12,886	1/4	31,587	1/4	50,274	1/4	68,960	1/4	87,661	1/4	106,362	1/4	125,064	1/4	143,764	1/4	162,465	1/4	181,157
1/2	13,275	1/2	31,976	1/2	50,663	1/2	69,350	1/2	88,051	1/2	106,752	1/2	125,453	1/2	144,154	1/2	162,854	1/2	181,547
3/4	13,665	3/4	32,366	3/4	51,051	3/4	69,739	3/4	88,440	3/4	107,142	3/4	125,843	3/4	144,543	3/4	163,244	3/4	181,936
11	14,055	11	32,755	11	51,440	11	70,129	11	88,830	11	107,531	11	126,233	11	144,933	11	163,633	11	182,326
1/4	14,444	1/4	33,145	1/4	51,829	1/4	70,518	1/4	89,220	1/4	107,921	1/4	126,622	1/4	145,323	1/4	164,023	1/4	182,715
1/2	14,834	1/2	33,535	1/2	52,218	1/2	70,908	1/2	89,609	1/2	108,311	1/2	127,012	1/2	145,712	1/2	164,412	1/2	183,104
3/4	15,223	3/4	33,924	3/4	52,607	3/4	71,298	3/4	89,999	3/4	108,700	3/4	127,401	3/4	146,102	3/4	164,802	3/4	183,494

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 1'-03" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 1700"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

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	183,883	0	202,566	0	221,232	0	235,967	0		0		0		0		0		0	
1/4	184,273	1/4	202,955	1/4	221,621	1/4	≡	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	184,662	1/2	203,344	1/2	222,010	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	185,051	3/4	203,733	3/4	222,399	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	185,441	1	204,122	1	222,788	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	185,830	1/4	204,511	1/4	223,177	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	186,220	1/2	204,900	1/2	223,565	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	186,609	3/4	205,288	3/4	223,954	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	186,998	2	205,677	2	224,343	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	187,388	1/4	206,066	1/4	224,732	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	187,777	1/2	206,455	1/2	225,121	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	188,167	3/4	206,844	3/4	225,510	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	188,556	3	207,233	3	225,899	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	188,946	1/4	207,622	1/4	226,288	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	189,335	1/2	208,011	1/2	226,676	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	189,724	3/4	208,399	3/4	227,065	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	190,114	4	208,788	4	227,454	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	190,503	1/4	209,177	1/4	227,843	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	190,893	1/2	209,566	1/2	228,232	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	191,282	3/4	209,955	3/4	228,621	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	191,671	5	210,344	5	229,010	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	192,061	1/4	210,733	1/4	229,398	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	192,450	1/2	211,121	1/2	229,787	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	192,840	3/4	211,510	3/4	230,176	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	193,229	6	211,899	6	230,565	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	193,618	1/4	212,288	1/4	230,945	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	194,008	1/2	212,677	1/2	231,325	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	194,397	3/4	213,066	3/4	231,705	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	194,787	7	213,455	7	232,086	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	195,176	1/4	213,844	1/4	232,410	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	195,565	1/2	214,232	1/2	232,734	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	195,955	3/4	214,621	3/4	233,058	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	196,344	8	215,010	8	233,381	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	196,733	1/4	215,399	1/4	233,640	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	197,122	1/2	215,788	1/2	233,899	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	197,511	3/4	216,177	3/4	234,158	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	197,900	9	216,566	9	234,417	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	198,289	1/4	216,955	1/4	234,612	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	198,678	1/2	217,343	1/2	234,806	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	199,066	3/4	217,732	3/4	235,000	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	199,455	10	218,121	10	235,194	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	199,844	1/4	218,510	1/4	235,323	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	200,233	1/2	218,899	1/2	235,452	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	200,622	3/4	219,288	3/4	235,581	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	201,011	11	219,677	11	235,710	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	201,400	1/4	220,066	1/4	235,774	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	201,789	1/2	220,454	1/2	235,839	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	202,177	3/4	220,843	3/4	235,903	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/21/2019 SW - JS
CALCULATED: 02/21/2019 CL
PRINTED: 02/21/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1700"

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	- 00-5/8	00-5/8	- 01-0/8	01-0/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8	- 02-0/8	02-0/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-5/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 5/8"

LENGTH BETWEEN DRAFT MARKS: 153'-09"

February 21, 2019

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

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BARGE "CBC 1700"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

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	218,092	0	201,608	0	185,119	0	167,399	0	148,560	0	129,720	0	110,908
1/4		1/4		1/4		1/4	217,749	1/4	201,265	1/4	184,775	1/4	167,007	1/4	148,168	1/4	129,328	1/4	110,516
1/2		1/2		1/2		1/2	217,405	1/2	200,921	1/2	184,431	1/2	166,615	1/2	147,775	1/2	128,936	1/2	110,124
3/4		3/4		3/4		3/4	230,498	3/4	217,062	3/4	184,086	3/4	166,222	3/4	147,383	3/4	128,543	3/4	109,732
1		1		1		1	230,436	1	216,718	1	200,234	1	183,742	1	165,830	1	146,990	1	128,151
1/4		1/4		1/4		1/4	230,374	1/4	216,375	1/4	199,891	1/4	183,398	1/4	165,437	1/4	146,598	1/4	127,758
1/2		1/2		1/2		1/2	230,311	1/2	216,032	1/2	199,548	1/2	183,053	1/2	165,045	1/2	146,205	1/2	127,366
3/4		3/4		3/4		3/4	230,249	3/4	215,688	3/4	199,204	3/4	182,709	3/4	164,652	3/4	145,813	3/4	126,973
2		2		2		2	230,121	2	215,345	2	198,861	2	182,365	2	164,260	2	145,420	2	126,581
1/4		1/4		1/4		1/4	229,993	1/4	215,001	1/4	198,517	1/4	182,020	1/4	163,867	1/4	145,028	1/4	126,188
1/2		1/2		1/2		1/2	229,865	1/2	214,658	1/2	198,174	1/2	181,676	1/2	163,475	1/2	144,635	1/2	125,796
3/4		3/4		3/4		3/4	229,737	3/4	214,314	3/4	197,830	3/4	181,332	3/4	163,082	3/4	144,243	3/4	125,403
3		3		3		3	229,544	3	213,971	3	197,487	3	180,987	3	162,690	3	143,850	3	125,011
1/4		1/4		1/4		1/4	229,350	1/4	213,628	1/4	197,144	1/4	180,643	1/4	162,297	1/4	143,458	1/4	124,620
1/2		1/2		1/2		1/2	229,157	1/2	213,284	1/2	196,800	1/2	180,299	1/2	161,905	1/2	143,065	1/2	124,228
3/4		3/4		3/4		3/4	228,963	3/4	212,941	3/4	196,457	3/4	179,954	3/4	161,512	3/4	142,673	3/4	123,836
4		4		4		4	228,704	4	212,597	4	196,113	4	179,610	4	161,120	4	142,280	4	123,444
1/4		1/4		1/4		1/4	228,446	1/4	212,254	1/4	195,770	1/4	179,266	1/4	160,727	1/4	141,888	1/4	123,052
1/2		1/2		1/2		1/2	228,187	1/2	211,911	1/2	195,427	1/2	178,921	1/2	160,335	1/2	141,495	1/2	122,661
3/4		3/4		3/4		3/4	227,928	3/4	211,567	3/4	195,083	3/4	178,577	3/4	159,942	3/4	141,103	3/4	122,269
5		5		5		5	227,603	5	211,224	5	194,740	5	178,233	5	159,550	5	140,710	5	121,877
1/4		1/4		1/4		1/4	227,279	1/4	210,880	1/4	194,396	1/4	177,888	1/4	159,157	1/4	140,318	1/4	121,485
1/2		1/2		1/2		1/2	226,954	1/2	210,537	1/2	194,053	1/2	177,544	1/2	158,765	1/2	139,925	1/2	121,094
3/4		3/4		3/4		3/4	226,630	3/4	210,193	3/4	193,709	3/4	177,200	3/4	158,372	3/4	139,533	3/4	120,702
6		6		6		6	226,298	6	209,850	6	193,366	6	176,808	6	157,980	6	139,140	6	120,310
1/4		1/4		1/4		1/4	225,967	1/4	209,507	1/4	193,023	1/4	176,416	1/4	157,587	1/4	138,748	1/4	119,918
1/2		1/2		1/2		1/2	225,635	1/2	209,163	1/2	192,679	1/2	176,024	1/2	157,195	1/2	138,355	1/2	119,527
3/4		3/4		3/4		3/4	225,303	3/4	208,820	3/4	192,336	3/4	175,632	3/4	156,802	3/4	137,963	3/4	119,135
7		7		7		7	224,960	7	208,476	7	191,992	7	175,240	7	156,410	7	137,570	7	118,743
1/4		1/4		1/4		1/4	224,617	1/4	208,133	1/4	191,649	1/4	174,848	1/4	156,017	1/4	137,178	1/4	118,351
1/2		1/2		1/2		1/2	224,273	1/2	207,790	1/2	191,306	1/2	174,456	1/2	155,625	1/2	136,785	1/2	117,960
3/4		3/4		3/4		3/4	223,930	3/4	207,446	3/4	190,962	3/4	174,064	3/4	155,232	3/4	136,393	3/4	117,568
8		8		8		8	223,587	8	207,103	8	190,619	8	173,672	8	154,840	8	136,000	8	117,176
1/4		1/4		1/4		1/4	223,243	1/4	206,759	1/4	190,275	1/4	173,280	1/4	154,447	1/4	135,608	1/4	116,784
1/2		1/2		1/2		1/2	222,900	1/2	206,416	1/2	189,932	1/2	172,888	1/2	154,055	1/2	135,215	1/2	116,393
3/4		3/4		3/4		3/4	222,556	3/4	206,072	3/4	189,588	3/4	172,496	3/4	153,662	3/4	134,823	3/4	116,001
9		9		9		9	222,213	9	205,729	9	189,245	9	172,104	9	153,270	9	134,430	9	115,609
1/4		1/4		1/4		1/4	221,870	1/4	205,386	1/4	188,902	1/4	171,712	1/4	152,877	1/4	134,038	1/4	115,217
1/2		1/2		1/2		1/2	221,526	1/2	205,042	1/2	188,558	1/2	171,320	1/2	152,485	1/2	133,645	1/2	114,826
3/4		3/4		3/4		3/4	221,183	3/4	204,699	3/4	188,215	3/4	170,928	3/4	152,093	3/4	133,253	3/4	114,434
10		10		10		10	220,839	10	204,355	10	187,871	10	170,536	10	151,700	10	132,860	10	114,042
1/4		1/4		1/4		1/4	220,496	1/4	204,012	1/4	187,528	1/4	170,144	1/4	151,308	1/4	132,468	1/4	113,650
1/2		1/2		1/2		1/2	220,153	1/2	203,669	1/2	187,185	1/2	169,752	1/2	150,915	1/2	132,075	1/2	113,259
3/4		3/4		3/4		3/4	219,809	3/4	203,325	3/4	186,841	3/4	169,360	3/4	150,523	3/4	131,683	3/4	112,867
11		11		11		11	219,466	11	202,982	11	186,497	11	168,968	11	150,130	11	131,290	11	112,475
1/4		1/4		1/4		1/4	219,122	1/4	202,638	1/4	186,152	1/4	168,576	1/4	149,738	1/4	130,898	1/4	112,083
1/2		1/2		1/2		1/2	218,779	1/2	202,295	1/2	185,808	1/2	168,184	1/2	149,345	1/2	130,505	1/2	111,692
3/4		3/4		3/4		3/4	218,435	3/4	201,951	3/4	185,464	3/4	167,792	3/4	148,953	3/4	130,113	3/4	111,300

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 1'-03" OFF CENTERLINE AND 22'-06" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1700"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

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	92,076	0	73,242	0	54,478	0	35,792	0	16,929	0	187	0		0		0		0	
1/4	91,683	1/4	72,850	1/4	54,091	1/4	35,399	1/4	16,536	1/4	138	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,291	1/2	72,457	1/2	53,704	1/2	35,007	1/2	16,143	1/2	88	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,899	3/4	72,065	3/4	53,317	3/4	34,614	3/4	15,750	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	90,506	1	71,673	1	52,931	1	34,222	1	15,357	1		1	1	1	1	1	1	1	1
1/4	90,114	1/4	71,280	1/4	52,544	1/4	33,829	1/4	14,964	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,722	1/2	70,888	1/2	52,157	1/2	33,437	1/2	14,571	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,329	3/4	70,495	3/4	51,770	3/4	33,044	3/4	14,178	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	88,937	2	70,103	2	51,384	2	32,651	2	13,785	2		2	2	2	2	2	2	2	2
1/4	88,544	1/4	69,711	1/4	50,997	1/4	32,258	1/4	13,392	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,152	1/2	69,318	1/2	50,610	1/2	31,865	1/2	12,999	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,760	3/4	68,926	3/4	50,223	3/4	31,472	3/4	12,606	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	87,367	3	68,534	3	49,837	3	31,079	3	12,213	3		3	3	3	3	3	3	3	3
1/4	86,975	1/4	68,141	1/4	49,450	1/4	30,686	1/4	11,820	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,583	1/2	67,749	1/2	49,063	1/2	30,293	1/2	11,427	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,190	3/4	67,356	3/4	48,676	3/4	29,900	3/4	11,034	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	85,798	4	66,964	4	48,290	4	29,507	4	10,641	4		4	4	4	4	4	4	4	4
1/4	85,405	1/4	66,572	1/4	47,903	1/4	29,114	1/4	10,248	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,013	1/2	66,179	1/2	47,516	1/2	28,721	1/2	9,855	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,621	3/4	65,787	3/4	47,129	3/4	28,328	3/4	9,462	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	84,228	5	65,395	5	46,743	5	27,934	5	9,069	5		5	5	5	5	5	5	5	5
1/4	83,836	1/4	65,002	1/4	46,356	1/4	27,541	1/4	8,676	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,444	1/2	64,610	1/2	45,969	1/2	27,148	1/2	8,283	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,051	3/4	64,217	3/4	45,582	3/4	26,755	3/4	7,890	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	82,659	6	63,825	6	45,196	6	26,362	6	7,497	6		6	6	6	6	6	6	6	6
1/4	82,267	1/4	63,433	1/4	44,809	1/4	25,969	1/4	7,104	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,874	1/2	63,040	1/2	44,422	1/2	25,576	1/2	6,711	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,482	3/4	62,648	3/4	44,035	3/4	25,183	3/4	6,318	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	81,089	7	62,256	7	43,643	7	24,790	7	5,925	7		7	7	7	7	7	7	7	7
1/4	80,697	1/4	61,863	1/4	43,250	1/4	24,397	1/4	5,533	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,305	1/2	61,471	1/2	42,858	1/2	24,004	1/2	5,140	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,912	3/4	61,078	3/4	42,465	3/4	23,611	3/4	4,748	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	79,520	8	60,686	8	42,073	8	23,218	8	4,357	8		8	8	8	8	8	8	8	8
1/4	79,128	1/4	60,294	1/4	41,680	1/4	22,825	1/4	3,966	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,735	1/2	59,901	1/2	41,287	1/2	22,432	1/2	3,574	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,343	3/4	59,509	3/4	40,895	3/4	22,039	3/4	3,183	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	77,950	9	59,122	9	40,502	9	21,646	9	2,839	9		9	9	9	9	9	9	9	9
1/4	77,558	1/4	58,735	1/4	40,110	1/4	21,253	1/4	2,496	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,166	1/2	58,347	1/2	39,717	1/2	20,860	1/2	2,152	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,773	3/4	57,960	3/4	39,325	3/4	20,467	3/4	1,808	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	76,381	10	57,573	10	38,932	10	20,074	10	1,562	10		10	10	10	10	10	10	10	10
1/4	75,989	1/4	57,186	1/4	38,540	1/4	19,681	1/4	1,317	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,596	1/2	56,799	1/2	38,147	1/2	19,288	1/2	1,071	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,204	3/4	56,411	3/4	37,755	3/4	18,895	3/4	825	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	74,811	11	56,025	11	37,362	11	18,502	11	678	11		11	11	11	11	11	11	11	11
1/4	74,419	1/4	55,638	1/4	36,969	1/4	18,109	1/4	531	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,027	1/2	55,251	1/2	36,577	1/2	17,716	1/2	383	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,634	3/4	54,864	3/4	36,184	3/4	17,322	3/4	236	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/21/2019 SW - JS
CALCULATED: 02/21/2019 CL
PRINTED: 02/21/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

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



BARGE "CBC 1700"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 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	0	0	121,827	0	111,340	0	100,826	0	90,308	0	79,786	0	69,265	0	58,743
1/4		1/4		1/4	131,692	1/4	121,609	1/4	111,121	1/4	100,607	1/4	90,089	1/4	79,567	1/4	68,045	1/4	58,524
1/2		1/2		1/2	131,549	1/2	121,390	1/2	110,903	1/2	100,388	1/2	89,869	1/2	79,348	1/2	68,826	1/2	58,304
3/4		3/4		3/4	131,405	3/4	121,172	3/4	110,685	3/4	100,168	3/4	89,650	3/4	79,129	3/4	68,607	3/4	58,085
1	1	1	1	1	131,261	1	120,953	1	110,466	1	99,949	1	89,431	1	78,909	1	68,388	1	57,866
1/4		1/4		1/4	131,081	1/4	120,735	1/4	110,247	1/4	99,730	1/4	89,212	1/4	78,690	1/4	68,169	1/4	57,647
1/2		1/2		1/2	130,901	1/2	120,516	1/2	110,028	1/2	99,511	1/2	88,993	1/2	78,471	1/2	67,949	1/2	57,428
3/4		3/4		3/4	130,721	3/4	120,298	3/4	109,809	3/4	99,292	3/4	88,773	3/4	78,252	3/4	67,730	3/4	57,208
2	2	2	2	2	130,540	2	120,079	2	109,590	2	99,073	2	88,554	2	78,033	2	67,511	2	56,989
1/4		1/4		1/4	130,328	1/4	119,861	1/4	109,371	1/4	98,854	1/4	88,335	1/4	77,813	1/4	67,292	1/4	56,770
1/2		1/2		1/2	130,116	1/2	119,643	1/2	109,151	1/2	98,635	1/2	88,116	1/2	77,594	1/2	67,073	1/2	56,551
3/4		3/4		3/4	129,905	3/4	119,424	3/4	108,932	3/4	98,416	3/4	87,897	3/4	77,375	3/4	66,853	3/4	56,332
3	3	3	3	3	129,693	3	119,206	3	108,713	3	98,197	3	87,677	3	77,156	3	66,634	3	56,112
1/4		1/4		1/4	129,474	1/4	118,987	1/4	108,494	1/4	97,977	1/4	87,458	1/4	76,937	1/4	66,415	1/4	55,893
1/2		1/2		1/2	129,256	1/2	118,769	1/2	108,275	1/2	97,758	1/2	87,239	1/2	76,717	1/2	66,196	1/2	55,674
3/4		3/4		3/4	129,037	3/4	118,550	3/4	108,056	3/4	97,539	3/4	87,020	3/4	76,498	3/4	65,976	3/4	55,455
4	4	4	4	4	128,819	4	118,332	4	107,837	4	97,320	4	86,801	4	76,279	4	65,757	4	55,236
1/4		1/4		1/4	128,600	1/4	118,113	1/4	107,618	1/4	97,101	1/4	86,581	1/4	76,060	1/4	65,538	1/4	55,016
1/2		1/2		1/2	128,382	1/2	117,895	1/2	107,399	1/2	96,882	1/2	86,362	1/2	75,841	1/2	65,319	1/2	54,797
3/4		3/4		3/4	128,164	3/4	117,676	3/4	107,180	3/4	96,663	3/4	86,143	3/4	75,621	3/4	65,100	3/4	54,578
5	5	5	5	5	127,945	5	117,458	5	106,960	5	96,444	5	85,924	5	75,402	5	64,880	5	54,359
1/4		1/4		1/4	127,727	1/4	117,239	1/4	106,741	1/4	96,225	1/4	85,705	1/4	75,183	1/4	64,661	1/4	54,140
1/2		1/2		1/2	127,508	1/2	117,021	1/2	106,522	1/2	96,006	1/2	85,485	1/2	74,964	1/2	64,442	1/2	53,920
3/4		3/4		3/4	127,290	3/4	116,802	3/4	106,303	3/4	95,787	3/4	85,266	3/4	74,745	3/4	64,223	3/4	53,701
6	6	6	6	6	127,071	6	116,584	6	106,084	6	95,567	6	85,047	6	74,525	6	64,004	6	53,482
1/4		1/4		1/4	126,853	1/4	116,365	1/4	105,865	1/4	95,348	1/4	84,828	1/4	74,306	1/4	63,784	1/4	53,263
1/2		1/2		1/2	126,634	1/2	116,147	1/2	105,646	1/2	95,129	1/2	84,609	1/2	74,087	1/2	63,565	1/2	53,044
3/4		3/4		3/4	126,416	3/4	115,928	3/4	105,427	3/4	94,910	3/4	84,389	3/4	73,868	3/4	63,346	3/4	52,824
7	7	7	7	7	126,197	7	115,710	7	105,208	7	94,691	7	84,170	7	73,649	7	63,127	7	52,605
1/4		1/4		1/4	125,979	1/4	115,491	1/4	104,989	1/4	94,472	1/4	83,951	1/4	73,429	1/4	62,908	1/4	52,386
1/2		1/2		1/2	125,760	1/2	115,273	1/2	104,770	1/2	94,253	1/2	83,732	1/2	73,210	1/2	62,688	1/2	52,167
3/4		3/4		3/4	125,542	3/4	115,054	3/4	104,550	3/4	94,034	3/4	83,513	3/4	72,991	3/4	62,469	3/4	51,948
8	8	8	8	8	125,323	8	114,836	8	104,331	8	93,815	8	83,293	8	72,772	8	62,250	8	51,728
1/4		1/4		1/4	125,105	1/4	114,617	1/4	104,112	1/4	93,596	1/4	83,074	1/4	72,553	1/4	62,031	1/4	51,509
1/2		1/2		1/2	124,886	1/2	114,399	1/2	103,893	1/2	93,376	1/2	82,855	1/2	72,333	1/2	61,812	1/2	51,290
3/4		3/4		3/4	124,668	3/4	114,180	3/4	103,674	3/4	93,157	3/4	82,636	3/4	72,114	3/4	61,592	3/4	51,071
9	9	9	9	9	124,449	9	113,962	9	103,455	9	92,938	9	82,417	9	71,895	9	61,373	9	50,852
1/4		1/4		1/4	124,231	1/4	113,743	1/4	103,236	1/4	92,719	1/4	82,197	1/4	71,676	1/4	61,154	1/4	50,632
1/2		1/2		1/2	124,012	1/2	113,525	1/2	103,017	1/2	92,500	1/2	81,978	1/2	71,457	1/2	60,935	1/2	50,413
3/4		3/4		3/4	123,794	3/4	113,306	3/4	102,798	3/4	92,281	3/4	81,759	3/4	71,237	3/4	60,716	3/4	50,194
10	10	10	10	10	123,575	10	113,088	10	102,579	10	92,061	10	81,540	10	71,018	10	60,496	10	49,975
1/4		1/4		1/4	123,357	1/4	112,869	1/4	102,359	1/4	91,842	1/4	81,321	1/4	70,799	1/4	60,277	1/4	49,756
1/2		1/2		1/2	123,138	1/2	112,651	1/2	102,140	1/2	91,623	1/2	81,101	1/2	70,580	1/2	60,058	1/2	49,536
3/4		3/4		3/4	122,920	3/4	112,432	3/4	101,921	3/4	91,404	3/4	80,882	3/4	70,361	3/4	59,839	3/4	49,317
11	11	11	11	11	122,701	11	112,214	11	101,702	11	91,185	11	80,663	11	70,141	11	59,620	11	49,098
1/4		1/4		1/4	122,483	1/4	111,995	1/4	101,483	1/4	90,965	1/4	80,444	1/4	69,922	1/4	59,400	1/4	48,879
1/2		1/2		1/2	122,264	1/2	111,777	1/2	101,264	1/2	90,746	1/2	80,225	1/2	69,703	1/2	59,181	1/2	48,660
3/4		3/4		3/4	122,046	3/4	111,558	3/4	101,045	3/4	90,527	3/4	80,005	3/4	69,484	3/4	58,962	3/4	48,440

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 14'-09" OFF 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 1700"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 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	48,221	0	37,700	0	27,201	0	16,692	0	6,171	0		0		0		0		0	
1/4	48,002	1/4	37,480	1/4	26,983	1/4	16,473	1/4	5,952	1/4		1/4		1/4		1/4		1/4	
1/2	47,783	1/2	37,261	1/2	26,765	1/2	16,254	1/2	5,732	1/2		1/2		1/2		1/2		1/2	
3/4	47,564	3/4	37,042	3/4	26,547	3/4	16,034	3/4	5,513	3/4		3/4		3/4		3/4		3/4	
1	47,344	1	36,823	1	26,329	1	15,815	1	5,294	1		1		1		1		1	
1/4	47,125	1/4	36,604	1/4	26,110	1/4	15,596	1/4	5,075	1/4		1/4		1/4		1/4		1/4	
1/2	46,906	1/2	36,384	1/2	25,892	1/2	15,377	1/2	4,856	1/2		1/2		1/2		1/2		1/2	
3/4	46,687	3/4	36,165	3/4	25,674	3/4	15,158	3/4	4,637	3/4		3/4		3/4		3/4		3/4	
2	46,468	2	35,946	2	25,456	2	14,939	2	4,417	2		2		2		2		2	
1/4	46,248	1/4	35,727	1/4	25,238	1/4	14,719	1/4	4,198	1/4		1/4		1/4		1/4		1/4	
1/2	46,029	1/2	35,508	1/2	25,019	1/2	14,500	1/2	3,979	1/2		1/2		1/2		1/2		1/2	
3/4	45,810	3/4	35,288	3/4	24,801	3/4	14,281	3/4	3,760	3/4		3/4		3/4		3/4		3/4	
3	45,591	3	35,069	3	24,583	3	14,062	3	3,541	3		3		3		3		3	
1/4	45,372	1/4	34,850	1/4	24,364	1/4	13,843	1/4	3,322	1/4		1/4		1/4		1/4		1/4	
1/2	45,152	1/2	34,631	1/2	24,145	1/2	13,623	1/2	3,103	1/2		1/2		1/2		1/2		1/2	
3/4	44,933	3/4	34,412	3/4	23,925	3/4	13,404	3/4	2,884	3/4		3/4		3/4		3/4		3/4	
4	44,714	4	34,192	4	23,706	4	13,185	4	2,665	4		4		4		4		4	
1/4	44,495	1/4	33,973	1/4	23,487	1/4	12,966	1/4	2,447	1/4		1/4		1/4		1/4		1/4	
1/2	44,276	1/2	33,754	1/2	23,268	1/2	12,747	1/2	2,229	1/2		1/2		1/2		1/2		1/2	
3/4	44,056	3/4	33,535	3/4	23,049	3/4	12,527	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
5	43,837	5	33,316	5	22,829	5	12,308	5	1,793	5		5		5		5		5	
1/4	43,618	1/4	33,097	1/4	22,610	1/4	12,089	1/4	1,601	1/4		1/4		1/4		1/4		1/4	
1/2	43,399	1/2	32,878	1/2	22,391	1/2	11,870	1/2	1,409	1/2		1/2		1/2		1/2		1/2	
3/4	43,180	3/4	32,659	3/4	22,172	3/4	11,651	3/4	1,217	3/4		3/4		3/4		3/4		3/4	
6	42,960	6	32,440	6	21,953	6	11,431	6	1,026	6		6		6		6		6	
1/4	42,741	1/4	32,222	1/4	21,733	1/4	11,212	1/4	889	1/4		1/4		1/4		1/4		1/4	
1/2	42,522	1/2	32,003	1/2	21,514	1/2	10,993	1/2	752	1/2		1/2		1/2		1/2		1/2	
3/4	42,303	3/4	31,784	3/4	21,295	3/4	10,774	3/4		3/4		3/4		3/4		3/4		3/4	
7	42,084	7	31,565	7	21,076	7	10,555	7		7		7		7		7		7	
1/4	41,864	1/4	31,347	1/4	20,857	1/4	10,336	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41,645	1/2	31,129	1/2	20,638	1/2	10,116	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41,426	3/4	30,911	3/4	20,418	3/4	9,897	3/4		3/4		3/4		3/4		3/4		3/4	
8	41,207	8	30,692	8	20,199	8	9,678	8		8		8		8		8		8	
1/4	40,988	1/4	30,474	1/4	19,980	1/4	9,459	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,768	1/2	30,256	1/2	19,761	1/2	9,240	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40,549	3/4	30,038	3/4	19,542	3/4	9,020	3/4		3/4		3/4		3/4		3/4		3/4	
9	40,330	9	29,820	9	19,322	9	8,801	9		9		9		9		9		9	
1/4	40,111	1/4	29,602	1/4	19,103	1/4	8,582	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,892	1/2	29,383	1/2	18,884	1/2	8,363	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,672	3/4	29,165	3/4	18,665	3/4	8,144	3/4		3/4		3/4		3/4		3/4		3/4	
10	39,453	10	28,947	10	18,446	10	7,924	10		10		10		10		10		10	
1/4	39,234	1/4	28,729	1/4	18,226	1/4	7,705	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,015	1/2	28,511	1/2	18,007	1/2	7,486	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,796	3/4	28,292	3/4	17,788	3/4	7,267	3/4		3/4		3/4		3/4		3/4		3/4	
11	38,576	11	28,074	11	17,569	11	7,048	11		11		11		11		11		11	
1/4	38,357	1/4	27,856	1/4	17,350	1/4	6,828	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,138	1/2	27,638	1/2	17,130	1/2	6,609	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37,919	3/4	27,420	3/4	16,911	3/4	6,390	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/21/2019 SW - JS
CALCULATED: 02/21/2019 CL
PRINTED: 02/21/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1700"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 3/4"

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	121,705	0	111,221	0	100,711	0	90,197	0	79,679	0	69,161	0	58,643		
1/4		1/4		1/4	121,486	1/4	111,003	1/4	100,492	1/4	89,978	1/4	79,460	1/4	68,942	1/4	58,424		
1/2		1/2		1/2	131,348	1/2	121,268	1/2	110,784	1/2	100,273	1/2	89,759	1/2	79,241	1/2	68,723	1/2	58,205
3/4		3/4		3/4	131,204	3/4	121,050	3/4	110,566	3/4	100,054	3/4	89,540	3/4	79,022	3/4	68,504	3/4	57,986
1	1	1	1	1	131,061	1	120,831	1	110,347	1	99,835	1	89,320	1	78,802	1	68,284	1	57,766
1/4		1/4		1/4	130,917	1/4	120,613	1/4	110,129	1/4	99,616	1/4	89,101	1/4	78,583	1/4	68,065	1/4	57,547
1/2		1/2		1/2	130,737	1/2	120,394	1/2	109,910	1/2	99,397	1/2	88,882	1/2	78,364	1/2	67,846	1/2	57,328
3/4		3/4		3/4	130,557	3/4	120,176	3/4	109,691	3/4	99,178	3/4	88,663	3/4	78,145	3/4	67,627	3/4	57,109
2	2	2	2	2	130,376	2	119,957	2	109,472	2	98,959	2	88,444	2	77,926	2	67,408	2	56,890
1/4		1/4		1/4	130,196	1/4	119,739	1/4	109,253	1/4	98,740	1/4	88,225	1/4	77,707	1/4	67,189	1/4	56,671
1/2		1/2		1/2	129,984	1/2	119,521	1/2	109,034	1/2	98,521	1/2	88,006	1/2	77,488	1/2	66,970	1/2	56,452
3/4		3/4		3/4	129,773	3/4	119,302	3/4	108,815	3/4	98,302	3/4	87,787	3/4	77,269	3/4	66,751	3/4	56,233
3	3	3	3	3	129,561	3	119,084	3	108,596	3	98,083	3	87,567	3	77,049	3	66,531	3	56,013
1/4		1/4		1/4	129,349	1/4	118,865	1/4	108,377	1/4	97,864	1/4	87,348	1/4	76,830	1/4	66,312	1/4	55,794
1/2		1/2		1/2	129,131	1/2	118,647	1/2	108,158	1/2	97,645	1/2	87,129	1/2	76,611	1/2	66,093	1/2	55,575
3/4		3/4		3/4	128,912	3/4	118,429	3/4	107,939	3/4	97,426	3/4	86,910	3/4	76,392	3/4	65,874	3/4	55,356
4	4	4	4	4	128,694	4	118,210	4	107,720	4	97,207	4	86,691	4	76,173	4	65,655	4	55,137
1/4		1/4		1/4	128,476	1/4	117,992	1/4	107,501	1/4	96,988	1/4	86,472	1/4	75,954	1/4	65,436	1/4	54,918
1/2		1/2		1/2	128,257	1/2	117,773	1/2	107,282	1/2	96,769	1/2	86,253	1/2	75,735	1/2	65,217	1/2	54,699
3/4		3/4		3/4	128,039	3/4	117,555	3/4	107,063	3/4	96,550	3/4	86,034	3/4	75,516	3/4	64,998	3/4	54,480
5	5	5	5	5	127,820	5	117,337	5	106,844	5	96,331	5	85,814	5	75,296	5	64,778	5	54,260
1/4		1/4		1/4	127,602	1/4	117,118	1/4	106,625	1/4	96,112	1/4	85,595	1/4	75,077	1/4	64,559	1/4	54,041
1/2		1/2		1/2	127,383	1/2	116,900	1/2	106,406	1/2	95,893	1/2	85,376	1/2	74,858	1/2	64,340	1/2	53,822
3/4		3/4		3/4	127,165	3/4	116,681	3/4	106,187	3/4	95,674	3/4	85,157	3/4	74,639	3/4	64,121	3/4	53,603
6	6	6	6	6	126,947	6	116,463	6	105,968	6	95,455	6	84,938	6	74,420	6	63,902	6	53,384
1/4		1/4		1/4	126,728	1/4	116,245	1/4	105,749	1/4	95,236	1/4	84,719	1/4	74,201	1/4	63,683	1/4	53,165
1/2		1/2		1/2	126,510	1/2	116,026	1/2	105,530	1/2	95,017	1/2	84,500	1/2	73,982	1/2	63,464	1/2	52,946
3/4		3/4		3/4	126,291	3/4	115,808	3/4	105,311	3/4	94,798	3/4	84,281	3/4	73,763	3/4	63,245	3/4	52,727
7	7	7	7	7	126,073	7	115,589	7	105,092	7	94,578	7	84,061	7	73,543	7	63,025	7	52,507
1/4		1/4		1/4	125,855	1/4	115,371	1/4	104,872	1/4	94,359	1/4	83,842	1/4	73,324	1/4	62,806	1/4	52,288
1/2		1/2		1/2	125,636	1/2	115,152	1/2	104,653	1/2	94,140	1/2	83,623	1/2	73,105	1/2	62,587	1/2	52,069
3/4		3/4		3/4	125,418	3/4	114,934	3/4	104,434	3/4	93,921	3/4	83,404	3/4	72,886	3/4	62,368	3/4	51,850
8	8	8	8	8	125,199	8	114,716	8	104,215	8	93,702	8	83,185	8	72,667	8	62,149	8	51,631
1/4		1/4		1/4	124,981	1/4	114,497	1/4	103,996	1/4	93,483	1/4	82,966	1/4	72,448	1/4	61,930	1/4	51,412
1/2		1/2		1/2	124,763	1/2	114,279	1/2	103,777	1/2	93,264	1/2	82,747	1/2	72,229	1/2	61,711	1/2	51,193
3/4		3/4		3/4	124,544	3/4	114,060	3/4	103,558	3/4	93,045	3/4	82,528	3/4	72,010	3/4	61,492	3/4	50,974
9	9	9	9	9	124,326	9	113,842	9	103,339	9	92,826	9	82,308	9	71,790	9	61,272	9	50,754
1/4		1/4		1/4	124,107	1/4	113,624	1/4	103,120	1/4	92,607	1/4	82,089	1/4	71,571	1/4	61,053	1/4	50,535
1/2		1/2		1/2	123,889	1/2	113,405	1/2	102,901	1/2	92,388	1/2	81,870	1/2	71,352	1/2	60,834	1/2	50,316
3/4		3/4		3/4	123,670	3/4	113,187	3/4	102,682	3/4	92,169	3/4	81,651	3/4	71,133	3/4	60,615	3/4	50,097
10	10	10	10	10	123,452	10	112,968	10	102,463	10	91,950	10	81,432	10	70,914	10	60,396	10	49,878
1/4		1/4		1/4	123,234	1/4	112,750	1/4	102,244	1/4	91,731	1/4	81,213	1/4	70,695	1/4	60,177	1/4	49,659
1/2		1/2		1/2	123,015	1/2	112,532	1/2	102,025	1/2	91,512	1/2	80,994	1/2	70,476	1/2	59,958	1/2	49,440
3/4		3/4		3/4	122,797	3/4	112,313	3/4	101,806	3/4	91,293	3/4	80,775	3/4	70,257	3/4	59,739	3/4	49,221
11	11	11	11	11	122,578	11	112,095	11	101,587	11	91,073	11	80,555	11	70,037	11	59,519	11	49,001
1/4		1/4		1/4	122,360	1/4	111,876	1/4	101,368	1/4	90,854	1/4	80,336	1/4	69,818	1/4	59,300	1/4	48,782
1/2		1/2		1/2	122,142	1/2	111,658	1/2	101,149	1/2	90,635	1/2	80,117	1/2	69,599	1/2	59,081	1/2	48,563
3/4		3/4		3/4	121,923	3/4	111,439	3/4	100,930	3/4	90,416	3/4	79,898	3/4	69,380	3/4	58,862	3/4	48,344

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 14'-09" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD

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 Pearland, Texas 77588
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BARGE "CBC 1700"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 3/4"

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	48,125	0	37,607	0	27,313	0	16,905	0	6,388	0		0		0		0		0	
1/4	47,906	1/4	37,388	1/4	27,102	1/4	16,686	1/4	6,169	1/4		1/4		1/4		1/4		1/4	
1/2	47,687	1/2	37,169	1/2	26,892	1/2	16,467	1/2	5,950	1/2		1/2		1/2		1/2		1/2	
3/4	47,468	3/4	36,950	3/4	26,681	3/4	16,248	3/4	5,730	3/4		3/4		3/4		3/4		3/4	
1	47,248	1	36,730	1	26,470	1	16,029	1	5,511	1		1		1		1		1	
1/4	47,029	1/4	36,511	1/4	26,260	1/4	15,810	1/4	5,292	1/4		1/4		1/4		1/4		1/4	
1/2	46,810	1/2	36,292	1/2	26,049	1/2	15,591	1/2	5,073	1/2		1/2		1/2		1/2		1/2	
3/4	46,591	3/4	36,073	3/4	25,838	3/4	15,372	3/4	4,854	3/4		3/4		3/4		3/4		3/4	
2	46,372	2	35,854	2	25,628	2	15,152	2	4,635	2		2		2		2		2	
1/4	46,153	1/4	35,635	1/4	25,417	1/4	14,933	1/4	4,416	1/4		1/4		1/4		1/4		1/4	
1/2	45,934	1/2	35,416	1/2	25,206	1/2	14,714	1/2	4,197	1/2		1/2		1/2		1/2		1/2	
3/4	45,715	3/4	35,197	3/4	24,996	3/4	14,495	3/4	3,978	3/4		3/4		3/4		3/4		3/4	
3	45,495	3	34,977	3	24,785	3	14,276	3	3,759	3		3		3		3		3	
1/4	45,276	1/4	34,758	1/4	24,574	1/4	14,057	1/4	3,539	1/4		1/4		1/4		1/4		1/4	
1/2	45,057	1/2	34,539	1/2	24,355	1/2	13,838	1/2	3,321	1/2		1/2		1/2		1/2		1/2	
3/4	44,838	3/4	34,320	3/4	24,136	3/4	13,619	3/4	3,102	3/4		3/4		3/4		3/4		3/4	
4	44,619	4	34,101	4	23,917	4	13,400	4	2,883	4		4		4		4		4	
1/4	44,400	1/4	33,882	1/4	23,698	1/4	13,180	1/4	2,664	1/4		1/4		1/4		1/4		1/4	
1/2	44,181	1/2	33,663	1/2	23,479	1/2	12,961	1/2	2,446	1/2		1/2		1/2		1/2		1/2	
3/4	43,962	3/4	33,444	3/4	23,260	3/4	12,742	3/4	2,228	3/4		3/4		3/4		3/4		3/4	
5	43,742	5	33,224	5	23,041	5	12,523	5	2,010	5		5		5		5		5	
1/4	43,523	1/4	33,005	1/4	22,822	1/4	12,304	1/4	1,792	1/4		1/4		1/4		1/4		1/4	
1/2	43,304	1/2	32,794	1/2	22,602	1/2	12,085	1/2	1,600	1/2		1/2		1/2		1/2		1/2	
3/4	43,085	3/4	32,583	3/4	22,383	3/4	11,866	3/4	1,409	3/4		3/4		3/4		3/4		3/4	
6	42,866	6	32,372	6	22,164	6	11,647	6	1,217	6		6		6		6		6	
1/4	42,647	1/4	32,160	1/4	21,945	1/4	11,428	1/4	1,025	1/4		1/4		1/4		1/4		1/4	
1/2	42,428	1/2	31,949	1/2	21,726	1/2	11,208	1/2	888	1/2		1/2		1/2		1/2		1/2	
3/4	42,209	3/4	31,738	3/4	21,507	3/4	10,989	3/4	751	3/4		3/4		3/4		3/4		3/4	
7	41,989	7	31,527	7	21,288	7	10,770	7		7		7		7		7		7	
1/4	41,770	1/4	31,315	1/4	21,069	1/4	10,551	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41,551	1/2	31,105	1/2	20,849	1/2	10,332	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41,332	3/4	30,894	3/4	20,630	3/4	10,113	3/4		3/4		3/4		3/4		3/4		3/4	
8	41,113	8	30,683	8	20,411	8	9,894	8		8		8		8		8		8	
1/4	40,894	1/4	30,473	1/4	20,192	1/4	9,675	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,675	1/2	30,262	1/2	19,973	1/2	9,455	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40,456	3/4	30,051	3/4	19,754	3/4	9,236	3/4		3/4		3/4		3/4		3/4		3/4	
9	40,236	9	29,841	9	19,535	9	9,017	9		9		9		9		9		9	
1/4	40,017	1/4	29,630	1/4	19,316	1/4	8,798	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,798	1/2	29,420	1/2	19,097	1/2	8,579	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,579	3/4	29,209	3/4	18,877	3/4	8,360	3/4		3/4		3/4		3/4		3/4		3/4	
10	39,360	10	28,998	10	18,658	10	8,141	10		10		10		10		10		10	
1/4	39,141	1/4	28,788	1/4	18,439	1/4	7,922	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,922	1/2	28,577	1/2	18,220	1/2	7,703	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,703	3/4	28,366	3/4	18,001	3/4	7,483	3/4		3/4		3/4		3/4		3/4		3/4	
11	38,483	11	28,156	11	17,782	11	7,264	11		11		11		11		11		11	
1/4	38,264	1/4	27,945	1/4	17,563	1/4	7,045	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,045	1/2	27,734	1/2	17,344	1/2	6,826	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37,826	3/4	27,524	3/4	17,125	3/4	6,607	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/21/2019 SW - JS
CALCULATED: 02/21/2019 CL
PRINTED: 02/21/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

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



BARGE "CBC 1700"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

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	222,788	0	204,122	0	185,441	0	166,749	0	148,050	0	129,349	0	110,648
1/4		1/4		1/4		1/4	222,399	1/4	203,733	1/4	185,051	1/4	166,360	1/4	147,660	1/4	128,960	1/4	110,259
1/2		1/2		1/2		1/2	222,010	1/2	203,344	1/2	184,662	1/2	165,970	1/2	147,270	1/2	128,570	1/2	109,869
3/4		3/4		3/4		3/4	221,621	3/4	202,955	3/4	184,273	3/4	165,581	3/4	146,881	3/4	128,181	3/4	109,479
1		1		1	235,967	1	221,232	1	202,566	1	183,883	1	165,192	1	146,491	1	127,791	1	109,090
1/4		1/4		1/4	235,903	1/4	220,843	1/4	202,177	1/4	183,494	1/4	164,802	1/4	146,102	1/4	127,401	1/4	108,700
1/2		1/2		1/2	235,839	1/2	220,454	1/2	201,789	1/2	183,104	1/2	164,412	1/2	145,712	1/2	127,012	1/2	108,311
3/4		3/4		3/4	235,774	3/4	220,066	3/4	201,400	3/4	182,715	3/4	164,023	3/4	145,323	3/4	126,622	3/4	107,921
2		2		2	235,710	2	219,677	2	201,011	2	182,326	2	163,633	2	144,933	2	126,233	2	107,531
1/4		1/4		1/4	235,581	1/4	219,288	1/4	200,622	1/4	181,936	1/4	163,244	1/4	144,543	1/4	125,843	1/4	107,142
1/2		1/2		1/2	235,452	1/2	218,899	1/2	200,233	1/2	181,547	1/2	162,854	1/2	144,154	1/2	125,453	1/2	106,752
3/4		3/4		3/4	235,323	3/4	218,510	3/4	199,844	3/4	181,157	3/4	162,465	3/4	143,764	3/4	125,064	3/4	106,362
3		3		3	235,194	3	218,121	3	199,455	3	180,768	3	162,075	3	143,375	3	124,674	3	105,973
1/4		1/4		1/4	235,000	1/4	217,732	1/4	199,066	1/4	180,379	1/4	161,685	1/4	142,985	1/4	124,285	1/4	105,583
1/2		1/2		1/2	234,806	1/2	217,343	1/2	198,678	1/2	179,989	1/2	161,296	1/2	142,595	1/2	123,895	1/2	105,194
3/4		3/4		3/4	234,612	3/4	216,955	3/4	198,289	3/4	179,600	3/4	160,906	3/4	142,206	3/4	123,505	3/4	104,804
4		4		4	234,417	4	216,566	4	197,900	4	179,210	4	160,517	4	141,816	4	123,116	4	104,414
1/4		1/4		1/4	234,158	1/4	216,177	1/4	197,511	1/4	178,821	1/4	160,127	1/4	141,427	1/4	122,726	1/4	104,025
1/2		1/2		1/2	233,899	1/2	215,788	1/2	197,122	1/2	178,432	1/2	159,737	1/2	141,037	1/2	122,336	1/2	103,635
3/4		3/4		3/4	233,640	3/4	215,399	3/4	196,733	3/4	178,042	3/4	159,348	3/4	140,647	3/4	121,947	3/4	103,246
5		5		5	233,381	5	215,010	5	196,344	5	177,653	5	158,958	5	140,258	5	121,557	5	102,856
1/4		1/4		1/4	233,058	1/4	214,621	1/4	195,955	1/4	177,263	1/4	158,569	1/4	139,868	1/4	121,168	1/4	102,466
1/2		1/2		1/2	232,734	1/2	214,232	1/2	195,565	1/2	176,874	1/2	158,179	1/2	139,479	1/2	120,778	1/2	102,077
3/4		3/4		3/4	232,410	3/4	213,844	3/4	195,176	3/4	176,484	3/4	157,789	3/4	139,089	3/4	120,388	3/4	101,687
6		6		6	232,086	6	213,455	6	194,787	6	176,095	6	157,400	6	138,700	6	119,999	6	101,298
1/4		1/4		1/4	231,705	1/4	213,066	1/4	194,397	1/4	175,706	1/4	157,010	1/4	138,310	1/4	119,609	1/4	100,908
1/2		1/2		1/2	231,325	1/2	212,677	1/2	194,008	1/2	175,316	1/2	156,621	1/2	137,920	1/2	119,220	1/2	100,518
3/4		3/4		3/4	230,945	3/4	212,288	3/4	193,618	3/4	174,927	3/4	156,231	3/4	137,531	3/4	118,830	3/4	100,129
7		7		7	230,565	7	211,899	7	193,229	7	174,537	7	155,841	7	137,141	7	118,440	7	99,739
1/4		1/4		1/4	230,176	1/4	211,510	1/4	192,840	1/4	174,148	1/4	155,452	1/4	136,752	1/4	118,051	1/4	99,349
1/2		1/2		1/2	229,787	1/2	211,121	1/2	192,450	1/2	173,759	1/2	155,062	1/2	136,362	1/2	117,661	1/2	98,960
3/4		3/4		3/4	229,398	3/4	210,733	3/4	192,061	3/4	173,369	3/4	154,673	3/4	135,972	3/4	117,272	3/4	98,570
8		8		8	229,010	8	210,344	8	191,671	8	172,980	8	154,283	8	135,583	8	116,882	8	98,181
1/4		1/4		1/4	228,621	1/4	209,955	1/4	191,282	1/4	172,590	1/4	153,894	1/4	135,193	1/4	116,492	1/4	97,791
1/2		1/2		1/2	228,232	1/2	209,566	1/2	190,893	1/2	172,201	1/2	153,504	1/2	134,804	1/2	116,103	1/2	97,401
3/4		3/4		3/4	227,843	3/4	209,177	3/4	190,503	3/4	171,812	3/4	153,114	3/4	134,414	3/4	115,713	3/4	97,012
9		9		9	227,454	9	208,788	9	190,114	9	171,422	9	152,725	9	134,024	9	115,323	9	96,622
1/4		1/4		1/4	227,065	1/4	208,399	1/4	189,724	1/4	171,033	1/4	152,335	1/4	133,635	1/4	114,934	1/4	96,233
1/2		1/2		1/2	226,676	1/2	208,011	1/2	189,335	1/2	170,643	1/2	151,946	1/2	133,245	1/2	114,544	1/2	95,843
3/4		3/4		3/4	226,288	3/4	207,622	3/4	188,946	3/4	170,254	3/4	151,556	3/4	132,856	3/4	114,155	3/4	95,453
10		10		10	225,899	10	207,233	10	188,556	10	169,865	10	151,166	10	132,466	10	113,765	10	95,064
1/4		1/4		1/4	225,510	1/4	206,844	1/4	188,167	1/4	169,475	1/4	150,777	1/4	132,076	1/4	113,375	1/4	94,674
1/2		1/2		1/2	225,121	1/2	206,455	1/2	187,777	1/2	169,086	1/2	150,387	1/2	131,687	1/2	112,986	1/2	94,285
3/4		3/4		3/4	224,732	3/4	206,066	3/4	187,388	3/4	168,696	3/4	149,998	3/4	131,297	3/4	112,596	3/4	93,895
11		11		11	224,343	11	205,677	11	186,998	11	168,307	11	149,608	11	130,908	11	112,207	11	93,505
1/4		1/4		1/4	223,954	1/4	205,288	1/4	186,609	1/4	167,917	1/4	149,218	1/4	130,518	1/4	111,817	1/4	93,116
1/2		1/2		1/2	223,565	1/2	204,900	1/2	186,220	1/2	167,528	1/2	148,829	1/2	130,129	1/2	111,427	1/2	92,726
3/4		3/4		3/4	223,177	3/4	204,511	3/4	185,830	3/4	167,139	3/4	148,439	3/4	129,739	3/4	111,038	3/4	92,336

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 1'-03" OFF 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 1700"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

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	91,947	0	73,246	0	54,551	0	35,872	0	17,171	0	234	0		0		0		0	
1/4	91,557	1/4	72,856	1/4	54,162	1/4	35,483	1/4	16,782	1/4	185	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,168	1/2	72,466	1/2	53,773	1/2	35,093	1/2	16,392	1/2	137	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,778	3/4	72,077	3/4	53,384	3/4	34,703	3/4	16,003	3/4	88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	90,388	1	71,687	1	52,996	1	34,314	1	15,613	1	39	1	1	1	1	1	1	1	1
1/4	89,999	1/4	71,298	1/4	52,607	1/4	33,924	1/4	15,223	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,609	1/2	70,908	1/2	52,218	1/2	33,535	1/2	14,834	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,220	3/4	70,518	3/4	51,829	3/4	33,145	3/4	14,444	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	88,830	2	70,129	2	51,440	2	32,755	2	14,055	2	2	2	2	2	2	2	2	2	2
1/4	88,440	1/4	69,739	1/4	51,051	1/4	32,366	1/4	13,665	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,051	1/2	69,350	1/2	50,663	1/2	31,976	1/2	13,275	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,661	3/4	68,960	3/4	50,274	3/4	31,587	3/4	12,886	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	87,272	3	68,570	3	49,885	3	31,197	3	12,496	3	3	3	3	3	3	3	3	3	3
1/4	86,882	1/4	68,181	1/4	49,496	1/4	30,807	1/4	12,107	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,492	1/2	67,791	1/2	49,107	1/2	30,418	1/2	11,717	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,103	3/4	67,401	3/4	48,719	3/4	30,028	3/4	11,327	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	85,713	4	67,012	4	48,330	4	29,639	4	10,938	4	4	4	4	4	4	4	4	4	4
1/4	85,324	1/4	66,622	1/4	47,941	1/4	29,249	1/4	10,548	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,934	1/2	66,233	1/2	47,552	1/2	28,859	1/2	10,159	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,544	3/4	65,843	3/4	47,163	3/4	28,470	3/4	9,769	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	84,155	5	65,453	5	46,775	5	28,080	5	9,379	5	5	5	5	5	5	5	5	5	5
1/4	83,765	1/4	65,064	1/4	46,386	1/4	27,691	1/4	8,990	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,375	1/2	64,674	1/2	45,997	1/2	27,301	1/2	8,600	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,986	3/4	64,285	3/4	45,608	3/4	26,911	3/4	8,211	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	82,596	6	63,895	6	45,219	6	26,522	6	7,821	6	6	6	6	6	6	6	6	6	6
1/4	82,207	1/4	63,505	1/4	44,831	1/4	26,132	1/4	7,431	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,817	1/2	63,116	1/2	44,442	1/2	25,743	1/2	7,042	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,427	3/4	62,726	3/4	44,053	3/4	25,353	3/4	6,652	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	81,038	7	62,337	7	43,664	7	24,963	7	6,263	7	7	7	7	7	7	7	7	7	7
1/4	80,648	1/4	61,947	1/4	43,275	1/4	24,574	1/4	5,874	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,259	1/2	61,557	1/2	42,885	1/2	24,184	1/2	5,485	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,869	3/4	61,168	3/4	42,495	3/4	23,795	3/4	5,096	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	79,479	8	60,778	8	42,106	8	23,405	8	4,707	8	8	8	8	8	8	8	8	8	8
1/4	79,090	1/4	60,388	1/4	41,716	1/4	23,015	1/4	4,319	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,700	1/2	59,999	1/2	41,327	1/2	22,626	1/2	3,931	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,311	3/4	59,609	3/4	40,937	3/4	22,236	3/4	3,544	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	77,921	9	59,220	9	40,547	9	21,847	9	3,156	9	9	9	9	9	9	9	9	9	9
1/4	77,531	1/4	58,830	1/4	40,158	1/4	21,457	1/4	2,815	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,142	1/2	58,441	1/2	39,768	1/2	21,067	1/2	2,474	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,752	3/4	58,052	3/4	39,379	3/4	20,678	3/4	2,133	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	76,362	10	57,663	10	38,989	10	20,288	10	1,792	10	10	10	10	10	10	10	10	10	10
1/4	75,973	1/4	57,274	1/4	38,599	1/4	19,899	1/4	1,549	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,583	1/2	56,884	1/2	38,210	1/2	19,509	1/2	1,306	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,194	3/4	56,495	3/4	37,820	3/4	19,119	3/4	1,062	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	74,804	11	56,106	11	37,431	11	18,730	11	819	11	11	11	11	11	11	11	11	11	11
1/4	74,414	1/4	55,717	1/4	37,041	1/4	18,340	1/4	672	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,025	1/2	55,328	1/2	36,651	1/2	17,951	1/2	526	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,635	3/4	54,940	3/4	36,262	3/4	17,561	3/4	380	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/21/2019 SW - JS
CALCULATED: 02/21/2019 CL
PRINTED: 02/21/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

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