



BARGE "CBC 1010"

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	- 00-1/4	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
2 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4
3 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8

(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 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 166'-03"

April 28, 2020

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

<http://www.pmacorp.net>



BARGE "CBC 1010"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	35	0	8,107	0	18,923	0	29,615	0	40,274	0	51,060	0	61,847	0	72,615	0	83,339	0	94,129
1/4	54	1/4	8,332	1/4	19,148	1/4	29,833	1/4	40,499	1/4	51,285	1/4	62,072	1/4	72,837	1/4	83,564	1/4	94,354
1/2	72	1/2	8,557	1/2	19,373	1/2	30,052	1/2	40,724	1/2	51,510	1/2	62,296	1/2	73,059	1/2	83,789	1/2	94,578
3/4	91	3/4	8,783	3/4	19,598	3/4	30,271	3/4	40,948	3/4	51,735	3/4	62,521	3/4	73,281	3/4	84,013	3/4	94,803
1	110	1	9,008	1	19,824	1	30,490	1	41,173	1	51,959	1	62,746	1	73,504	1	84,238	1	95,028
1/4	166	1/4	9,233	1/4	20,049	1/4	30,708	1/4	41,398	1/4	52,184	1/4	62,971	1/4	73,726	1/4	84,463	1/4	95,252
1/2	223	1/2	9,459	1/2	20,274	1/2	30,927	1/2	41,622	1/2	52,409	1/2	63,195	1/2	73,948	1/2	84,688	1/2	95,477
3/4	279	3/4	9,684	3/4	20,500	3/4	31,146	3/4	41,847	3/4	52,633	3/4	63,420	3/4	74,170	3/4	84,913	3/4	95,702
2	335	2	9,909	2	20,725	2	31,364	2	42,072	2	52,858	2	63,645	2	74,393	2	85,138	2	95,926
1/4	429	1/4	10,135	1/4	20,950	1/4	31,583	1/4	42,296	1/4	53,083	1/4	63,870	1/4	74,615	1/4	85,363	1/4	96,151
1/2	523	1/2	10,360	1/2	21,176	1/2	31,802	1/2	42,521	1/2	53,308	1/2	64,094	1/2	74,837	1/2	85,587	1/2	96,376
3/4	617	3/4	10,585	3/4	21,401	3/4	32,020	3/4	42,746	3/4	53,532	3/4	64,319	3/4	75,059	3/4	85,812	3/4	96,601
3	711	3	10,811	3	21,626	3	32,239	3	42,971	3	53,757	3	64,544	3	75,282	3	86,037	3	96,826
1/4	842	1/4	11,036	1/4	21,852	1/4	32,458	1/4	43,195	1/4	53,982	1/4	64,768	1/4	75,504	1/4	86,262	1/4	97,051
1/2	974	1/2	11,261	1/2	22,077	1/2	32,676	1/2	43,420	1/2	54,207	1/2	64,993	1/2	75,726	1/2	86,487	1/2	97,275
3/4	1,105	3/4	11,487	3/4	22,302	3/4	32,895	3/4	43,645	3/4	54,431	3/4	65,218	3/4	75,948	3/4	86,712	3/4	97,500
4	1,237	4	11,712	4	22,528	4	33,114	4	43,869	4	54,656	4	65,443	4	76,171	4	86,936	4	97,725
1/4	1,406	1/4	11,937	1/4	22,753	1/4	33,333	1/4	44,094	1/4	54,881	1/4	65,667	1/4	76,393	1/4	87,161	1/4	97,950
1/2	1,575	1/2	12,163	1/2	22,978	1/2	33,551	1/2	44,319	1/2	55,105	1/2	65,892	1/2	76,615	1/2	87,386	1/2	98,175
3/4	1,744	3/4	12,388	3/4	23,204	3/4	33,770	3/4	44,543	3/4	55,330	3/4	66,117	3/4	76,837	3/4	87,611	3/4	98,399
5	1,913	5	12,613	5	23,429	5	33,989	5	44,768	5	55,555	5	66,341	5	77,059	5	87,836	5	98,624
1/4	2,119	1/4	12,839	1/4	23,654	1/4	34,213	1/4	44,993	1/4	55,780	1/4	66,566	1/4	77,282	1/4	88,061	1/4	98,849
1/2	2,324	1/2	13,064	1/2	23,880	1/2	34,437	1/2	45,218	1/2	56,004	1/2	66,791	1/2	77,504	1/2	88,285	1/2	99,074
3/4	2,530	3/4	13,289	3/4	24,105	3/4	34,661	3/4	45,442	3/4	56,229	3/4	67,016	3/4	77,726	3/4	88,510	3/4	99,299
6	2,736	6	13,515	6	24,330	6	34,885	6	45,667	6	56,454	6	67,240	6	77,948	6	88,735	6	99,523
1/4	2,957	1/4	13,740	1/4	24,556	1/4	35,109	1/4	45,892	1/4	56,678	1/4	67,465	1/4	78,172	1/4	88,960	1/4	99,748
1/2	3,178	1/2	13,965	1/2	24,781	1/2	35,333	1/2	46,117	1/2	56,903	1/2	67,690	1/2	78,395	1/2	89,185	1/2	99,973
3/4	3,399	3/4	14,191	3/4	25,006	3/4	35,557	3/4	46,341	3/4	57,128	3/4	67,915	3/4	78,619	3/4	89,410	3/4	100,198
7	3,620	7	14,416	7	25,232	7	35,781	7	46,566	7	57,353	7	68,139	7	78,842	7	89,634	7	100,423
1/4	3,843	1/4	14,641	1/4	25,451	1/4	36,006	1/4	46,791	1/4	57,577	1/4	68,364	1/4	79,067	1/4	89,859	1/4	100,647
1/2	4,065	1/2	14,867	1/2	25,670	1/2	36,230	1/2	47,015	1/2	57,802	1/2	68,589	1/2	79,292	1/2	90,084	1/2	100,872
3/4	4,288	3/4	15,092	3/4	25,889	3/4	36,454	3/4	47,240	3/4	58,027	3/4	68,813	3/4	79,517	3/4	90,309	3/4	101,097
8	4,511	8	15,317	8	26,109	8	36,679	8	47,465	8	58,252	8	69,038	8	79,741	8	90,534	8	101,322
1/4	4,735	1/4	15,543	1/4	26,328	1/4	36,904	1/4	47,690	1/4	58,476	1/4	69,262	1/4	79,966	1/4	90,759	1/4	101,547
1/2	4,959	1/2	15,768	1/2	26,547	1/2	37,128	1/2	47,914	1/2	58,701	1/2	69,486	1/2	80,191	1/2	90,983	1/2	101,771
3/4	5,183	3/4	15,993	3/4	26,766	3/4	37,353	3/4	48,139	3/4	58,926	3/4	69,711	3/4	80,416	3/4	91,208	3/4	101,996
9	5,406	9	16,219	9	26,986	9	37,578	9	48,364	9	59,150	9	69,935	9	80,641	9	91,433	9	102,221
1/4	5,631	1/4	16,444	1/4	27,205	1/4	37,802	1/4	48,588	1/4	59,375	1/4	70,159	1/4	80,866	1/4	91,657	1/4	102,446
1/2	5,856	1/2	16,669	1/2	27,424	1/2	38,027	1/2	48,813	1/2	59,600	1/2	70,383	1/2	81,091	1/2	91,882	1/2	102,671
3/4	6,080	3/4	16,895	3/4	27,643	3/4	38,252	3/4	49,038	3/4	59,825	3/4	70,607	3/4	81,315	3/4	92,107	3/4	102,895
10	6,305	10	17,120	10	27,862	10	38,477	10	49,263	10	60,049	10	70,831	10	81,540	10	92,331	10	103,120
1/4	6,530	1/4	17,345	1/4	28,082	1/4	38,701	1/4	49,487	1/4	60,274	1/4	71,055	1/4	81,765	1/4	92,556	1/4	103,345
1/2	6,755	1/2	17,571	1/2	28,301	1/2	38,926	1/2	49,712	1/2	60,499	1/2	71,279	1/2	81,990	1/2	92,781	1/2	103,570
3/4	6,980	3/4	17,796	3/4	28,520	3/4	39,151	3/4	49,937	3/4	60,723	3/4	71,502	3/4	82,215	3/4	93,005	3/4	103,795
11	7,206	11	18,021	11	28,739	11	39,375	11	50,162	11	60,948	11	71,726	11	82,440	11	93,230	11	104,019
1/4	7,431	1/4	18,247	1/4	28,958	1/4	39,600	1/4	50,386	1/4	61,173	1/4	71,948	1/4	82,664	1/4	93,455	1/4	104,244
1/2	7,656	1/2	18,472	1/2	29,177	1/2	39,825	1/2	50,611	1/2	61,398	1/2	72,170	1/2	82,889	1/2	93,680	1/2	104,469
3/4	7,881	3/4	18,697	3/4	29,396	3/4	40,049	3/4	50,836	3/4	61,622	3/4	72,393	3/4	83,114	3/4	93,904	3/4	104,694

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 1010"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	104,919	0	115,041	0	124,528	0	134,016	0	143,503	0		0		0		0		0	
1/4	105,143	1/4	115,239	1/4	124,726	1/4	134,213	1/4	143,701	1/4		1/4		1/4		1/4		1/4	
1/2	105,368	1/2	115,436	1/2	124,924	1/2	134,411	1/2	143,898	1/2		1/2		1/2		1/2		1/2	
3/4	105,593	3/4	115,634	3/4	125,121	3/4	134,609	3/4	144,096	3/4		3/4		3/4		3/4		3/4	
1	105,818	1	115,832	1	125,319	1	134,806	1	144,294	1		1		1		1		1	
1 1/4	106,043	1 1/4	116,029	1 1/4	125,517	1 1/4	135,004	1 1/4	144,491	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	106,267	1 1/2	116,227	1 1/2	125,714	1 1/2	135,202	1 1/2	144,689	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	106,492	3/4	116,425	3/4	125,912	3/4	135,399	3/4	144,887	3/4		3/4		3/4		3/4		3/4	
2	106,717	2	116,622	2	126,110	2	135,597	2	145,084	2		2		2		2		2	
1 1/4	106,942	1 1/4	116,820	1 1/4	126,307	1 1/4	135,795	1 1/4	145,263	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	107,167	1 1/2	117,018	1 1/2	126,505	1 1/2	135,992	1 1/2	145,442	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	107,392	3/4	117,215	3/4	126,703	3/4	136,190	3/4	145,621	3/4		3/4		3/4		3/4		3/4	
3	107,616	3	117,413	3	126,900	3	136,388	3	145,800	3		3		3		3		3	
1 1/4	107,841	1 1/4	117,611	1 1/4	127,098	1 1/4	136,585	1 1/4	145,969	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	108,066	1 1/2	117,808	1 1/2	127,296	1 1/2	136,783	1 1/2	146,138	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	108,291	3/4	118,006	3/4	127,493	3/4	136,981	3/4	146,307	3/4		3/4		3/4		3/4		3/4	
4	108,516	4	118,204	4	127,691	4	137,178	4	146,476	4		4		4		4		4	
1 1/4	108,740	1 1/4	118,401	1 1/4	127,889	1 1/4	137,376	1 1/4	146,607	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	108,964	1 1/2	118,599	1 1/2	128,086	1 1/2	137,573	1 1/2	146,739	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	109,188	3/4	118,797	3/4	128,284	3/4	137,771	3/4	146,870	3/4		3/4		3/4		3/4		3/4	
5	109,413	5	118,994	5	128,481	5	137,969	5	147,001	5		5		5		5		5	
1 1/4	109,637	1 1/4	119,192	1 1/4	128,679	1 1/4	138,166	1 1/4	147,095	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	109,861	1 1/2	119,390	1 1/2	128,877	1 1/2	138,364	1 1/2	147,189	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	110,086	3/4	119,587	3/4	129,074	3/4	138,562	3/4	147,283	3/4		3/4		3/4		3/4		3/4	
6	110,310	6	119,785	6	129,272	6	138,759	6	147,377	6		6		6		6		6	
1 1/4	110,507	1 1/4	119,982	1 1/4	129,470	1 1/4	138,957	1 1/4	147,433	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	110,704	1 1/2	120,180	1 1/2	129,667	1 1/2	139,155	1 1/2	147,490	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	110,901	3/4	120,378	3/4	129,865	3/4	139,352	3/4	147,546	3/4		3/4		3/4		3/4		3/4	
7	111,098	7	120,575	7	130,063	7	139,550	7	147,602	7		7		7		7		7	
1 1/4	111,296	1 1/4	120,773	1 1/4	130,260	1 1/4	139,748	1 1/4	147,621	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	111,493	1 1/2	120,971	1 1/2	130,458	1 1/2	139,945	1 1/2	147,640	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	111,690	3/4	121,168	3/4	130,656	3/4	140,143	3/4	147,659	3/4		3/4		3/4		3/4		3/4	
8	111,887	8	121,366	8	130,853	8	140,341	8	147,677	8		8		8		8		8	
1 1/4	112,084	1 1/4	121,564	1 1/4	131,051	1 1/4	140,538	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	112,281	1 1/2	121,761	1 1/2	131,249	1 1/2	140,736	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	112,478	3/4	121,959	3/4	131,446	3/4	140,934	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,676	9	122,157	9	131,644	9	141,131	9		9		9		9		9		9	
1 1/4	112,873	1 1/4	122,354	1 1/4	131,842	1 1/4	141,329	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	113,070	1 1/2	122,552	1 1/2	132,039	1 1/2	141,526	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	113,267	3/4	122,750	3/4	132,237	3/4	141,724	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,464	10	122,947	10	132,435	10	141,922	10		10		10		10		10		10	
1 1/4	113,661	1 1/4	123,145	1 1/4	132,632	1 1/4	142,119	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	113,858	1 1/2	123,343	1 1/2	132,830	1 1/2	142,317	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	114,055	3/4	123,540	3/4	133,027	3/4	142,515	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,253	11	123,738	11	133,225	11	142,712	11		11		11		11		11		11	
1 1/4	114,450	1 1/4	123,936	1 1/4	133,423	1 1/4	142,910	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	114,647	1 1/2	124,133	1 1/2	133,620	1 1/2	143,108	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	114,844	3/4	124,331	3/4	133,818	3/4	143,305	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2020 SW
CALCULATED: 04/28/2020 CL
PRINTED: 04/28/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 1010"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	35	0	9,053	0	21,135	0	33,071	0	45,005	0	57,088	0	69,170	0	81,253	0	93,336	0	105,419
1/4	56	1/4	9,304	1/4	21,387	1/4	33,316	1/4	45,256	1/4	57,339	1/4	69,422	1/4	81,505	1/4	93,588	1/4	105,671
1/2	77	1/2	9,556	1/2	21,639	1/2	33,560	1/2	45,508	1/2	57,591	1/2	69,674	1/2	81,757	1/2	93,840	1/2	105,923
3/4	98	3/4	9,808	3/4	21,890	3/4	33,804	3/4	45,760	3/4	57,843	3/4	69,926	3/4	82,009	3/4	94,091	3/4	106,174
1	119	1	10,060	1	22,142	1	34,048	1	46,012	1	58,095	1	70,177	1	82,260	1	94,343	1	106,426
1 1/4	182	1 1/4	10,311	1 1/4	22,394	1 1/4	34,293	1 1/4	46,263	1 1/4	58,346	1 1/4	70,429	1 1/4	82,512	1 1/4	94,595	1 1/4	106,678
1 1/2	245	1 1/2	10,563	1 1/2	22,645	1 1/2	34,537	1 1/2	46,515	1 1/2	58,598	1 1/2	70,681	1 1/2	82,764	1 1/2	94,847	1 1/2	106,929
3/4	308	3/4	10,815	3/4	22,897	3/4	34,781	3/4	46,767	3/4	58,850	3/4	70,933	3/4	83,015	3/4	95,098	3/4	107,181
2	370	2	11,066	2	23,149	2	35,025	2	47,019	2	59,101	2	71,184	2	83,267	2	95,350	2	107,433
2 1/4	475	2 1/4	11,318	2 1/4	23,401	2 1/4	35,270	2 1/4	47,270	2 1/4	59,353	2 1/4	71,436	2 1/4	83,519	2 1/4	95,602	2 1/4	107,685
2 1/2	580	2 1/2	11,570	2 1/2	23,652	2 1/2	35,514	2 1/2	47,522	2 1/2	59,605	2 1/2	71,688	2 1/2	83,771	2 1/2	95,854	2 1/2	107,936
3/4	685	3/4	11,822	3/4	23,904	3/4	35,758	3/4	47,774	3/4	59,857	3/4	71,939	3/4	84,022	3/4	96,105	3/4	108,188
3	790	3	12,073	3	24,156	3	36,002	3	48,025	3	60,108	3	72,191	3	84,274	3	96,357	3	108,440
3 1/4	937	3 1/4	12,325	3 1/4	24,407	3 1/4	36,247	3 1/4	48,277	3 1/4	60,360	3 1/4	72,443	3 1/4	84,526	3 1/4	96,609	3 1/4	108,692
3 1/2	1,084	3 1/2	12,577	3 1/2	24,659	3 1/2	36,491	3 1/2	48,529	3 1/2	60,612	3 1/2	72,695	3 1/2	84,778	3 1/2	96,860	3 1/2	108,943
3/4	1,230	3/4	12,828	3/4	24,911	3/4	36,735	3/4	48,781	3/4	60,864	3/4	72,946	3/4	85,029	3/4	97,112	3/4	109,195
4	1,377	4	13,080	4	25,163	4	36,979	4	49,032	4	61,115	4	73,198	4	85,281	4	97,364	4	109,447
4 1/4	1,566	4 1/4	13,332	4 1/4	25,414	4 1/4	37,224	4 1/4	49,284	4 1/4	61,367	4 1/4	73,450	4 1/4	85,533	4 1/4	97,616	4 1/4	109,698
4 1/2	1,755	4 1/2	13,584	4 1/2	25,666	4 1/2	37,468	4 1/2	49,536	4 1/2	61,619	4 1/2	73,702	4 1/2	85,784	4 1/2	97,867	4 1/2	109,950
3/4	1,944	3/4	13,835	3/4	25,918	3/4	37,712	3/4	49,788	3/4	61,870	3/4	73,953	3/4	86,036	3/4	98,119	3/4	110,202
5	2,132	5	14,087	5	26,169	5	37,956	5	50,039	5	62,122	5	74,205	5	86,288	5	98,371	5	110,454
5 1/4	2,363	5 1/4	14,339	5 1/4	26,421	5 1/4	38,208	5 1/4	50,291	5 1/4	62,374	5 1/4	74,457	5 1/4	86,540	5 1/4	98,622	5 1/4	110,705
5 1/2	2,593	5 1/2	14,590	5 1/2	26,673	5 1/2	38,460	5 1/2	50,543	5 1/2	62,626	5 1/2	74,708	5 1/2	86,791	5 1/2	98,874	5 1/2	110,957
3/4	2,823	3/4	14,842	3/4	26,925	3/4	38,712	3/4	50,794	3/4	62,877	3/4	74,960	3/4	87,043	3/4	99,126	3/4	111,209
6	3,053	6	15,094	6	27,176	6	38,963	6	51,046	6	63,129	6	75,212	6	87,295	6	99,378	6	111,461
6 1/4	3,299	6 1/4	15,346	6 1/4	27,428	6 1/4	39,215	6 1/4	51,298	6 1/4	63,381	6 1/4	75,464	6 1/4	87,547	6 1/4	99,629	6 1/4	111,712
6 1/2	3,546	6 1/2	15,597	6 1/2	27,680	6 1/2	39,467	6 1/2	51,550	6 1/2	63,632	6 1/2	75,715	6 1/2	87,798	6 1/2	99,881	6 1/2	111,964
3/4	3,793	3/4	15,849	3/4	27,931	3/4	39,718	3/4	51,801	3/4	63,884	3/4	75,967	3/4	88,050	3/4	100,133	3/4	112,216
7	4,040	7	16,101	7	28,183	7	39,970	7	52,053	7	64,136	7	76,219	7	88,302	7	100,385	7	112,467
7 1/4	4,288	7 1/4	16,352	7 1/4	28,428	7 1/4	40,222	7 1/4	52,305	7 1/4	64,388	7 1/4	76,471	7 1/4	88,553	7 1/4	100,636	7 1/4	112,719
7 1/2	4,537	7 1/2	16,604	7 1/2	28,673	7 1/2	40,474	7 1/2	52,557	7 1/2	64,639	7 1/2	76,722	7 1/2	88,805	7 1/2	100,888	7 1/2	112,971
3/4	4,786	3/4	16,856	3/4	28,917	3/4	40,725	3/4	52,808	3/4	64,891	3/4	76,974	3/4	89,057	3/4	101,140	3/4	113,223
8	5,035	8	17,108	8	29,162	8	40,977	8	53,060	8	65,143	8	77,226	8	89,309	8	101,391	8	113,474
8 1/4	5,285	8 1/4	17,359	8 1/4	29,406	8 1/4	41,229	8 1/4	53,312	8 1/4	65,395	8 1/4	77,477	8 1/4	89,560	8 1/4	101,643	8 1/4	113,726
8 1/2	5,536	8 1/2	17,611	8 1/2	29,651	8 1/2	41,481	8 1/2	53,563	8 1/2	65,646	8 1/2	77,729	8 1/2	89,812	8 1/2	101,895	8 1/2	113,978
3/4	5,786	3/4	17,863	3/4	29,896	3/4	41,732	3/4	53,815	3/4	65,898	3/4	77,981	3/4	90,064	3/4	102,147	3/4	114,230
9	6,036	9	18,115	9	30,140	9	41,984	9	54,067	9	66,150	9	78,233	9	90,316	9	102,398	9	114,481
9 1/4	6,287	9 1/4	18,366	9 1/4	30,385	9 1/4	42,236	9 1/4	54,319	9 1/4	66,401	9 1/4	78,484	9 1/4	90,567	9 1/4	102,650	9 1/4	114,733
9 1/2	6,538	9 1/2	18,618	9 1/2	30,629	9 1/2	42,487	9 1/2	54,570	9 1/2	66,653	9 1/2	78,736	9 1/2	90,819	9 1/2	102,902	9 1/2	114,985
3/4	6,789	3/4	18,870	3/4	30,873	3/4	42,739	3/4	54,822	3/4	66,905	3/4	78,988	3/4	91,071	3/4	103,154	3/4	115,236
10	7,040	10	19,121	10	31,117	10	42,991	10	55,074	10	67,157	10	79,240	10	91,322	10	103,405	10	115,488
10 1/4	7,291	10 1/4	19,373	10 1/4	31,362	10 1/4	43,243	10 1/4	55,326	10 1/4	67,408	10 1/4	79,491	10 1/4	91,574	10 1/4	103,657	10 1/4	115,740
10 1/2	7,543	10 1/2	19,625	10 1/2	31,606	10 1/2	43,494	10 1/2	55,577	10 1/2	67,660	10 1/2	79,743	10 1/2	91,826	10 1/2	103,909	10 1/2	115,992
3/4	7,794	3/4	19,877	3/4	31,850	3/4	43,746	3/4	55,829	3/4	67,912	3/4	79,995	3/4	92,078	3/4	104,160	3/4	116,243
11	8,046	11	20,128	11	32,094	11	43,998	11	56,081	11	68,164	11	80,246	11	92,329	11	104,412	11	116,495
11 1/4	8,298	11 1/4	20,380	11 1/4	32,339	11 1/4	44,250	11 1/4	56,332	11 1/4	68,415	11 1/4	80,498	11 1/4	92,581	11 1/4	104,664	11 1/4	116,747
11 1/2	8,549	11 1/2	20,632	11 1/2	32,583	11 1/2	44,501	11 1/2	56,584	11 1/2	68,667	11 1/2	80,750	11 1/2	92,833	11 1/2	104,916	11 1/2	116,999
3/4	8,801	3/4	20,883	3/4	32,827	3/4	44,753	3/4	56,836	3/4	68,919	3/4	81,002	3/4	93,085	3/4	105,167	3/4	117,250

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>

PMA



BARGE "CBC 1010"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	117,502	0	129,585	0	141,668	0	153,751	0	165,833	0		0		0		0		0	
1/4	117,754	1/4	129,837	1/4	141,919	1/4	154,002	1/4	166,085	1/4		1/4		1/4		1/4		1/4	
1/2	118,005	1/2	130,088	1/2	142,171	1/2	154,254	1/2	166,337	1/2		1/2		1/2		1/2		1/2	
3/4	118,257	3/4	130,340	3/4	142,423	3/4	154,506	3/4	166,589	3/4		3/4		3/4		3/4		3/4	
1	118,509	1	130,592	1	142,675	1	154,758	1	166,840	1		1		1		1		1	
1/4	118,761	1/4	130,844	1/4	142,926	1/4	155,009	1/4	167,092	1/4		1/4		1/4		1/4		1/4	
1/2	119,012	1/2	131,095	1/2	143,178	1/2	155,261	1/2	167,344	1/2		1/2		1/2		1/2		1/2	
3/4	119,264	3/4	131,347	3/4	143,430	3/4	155,513	3/4	167,596	3/4		3/4		3/4		3/4		3/4	
2	119,516	2	131,599	2	143,682	2	155,764	2	167,847	2		2		2		2		2	
1/4	119,768	1/4	131,850	1/4	143,933	1/4	156,016	1/4	168,098	1/4		1/4		1/4		1/4		1/4	
1/2	120,019	1/2	132,102	1/2	144,185	1/2	156,268	1/2	168,309	1/2		1/2		1/2		1/2		1/2	
3/4	120,271	3/4	132,354	3/4	144,437	3/4	156,520	3/4	168,540	3/4		3/4		3/4		3/4		3/4	
3	120,523	3	132,606	3	144,688	3	156,771	3	168,770	3		3		3		3		3	
1/4	120,774	1/4	132,857	1/4	144,940	1/4	157,023	1/4	168,959	1/4		1/4		1/4		1/4		1/4	
1/2	121,026	1/2	133,109	1/2	145,192	1/2	157,275	1/2	169,148	1/2		1/2		1/2		1/2		1/2	
3/4	121,278	3/4	133,361	3/4	145,444	3/4	157,527	3/4	169,337	3/4		3/4		3/4		3/4		3/4	
4	121,530	4	133,612	4	145,695	4	157,778	4	169,526	4		4		4		4		4	
1/4	121,781	1/4	133,864	1/4	145,947	1/4	158,030	1/4	169,672	1/4		1/4		1/4		1/4		1/4	
1/2	122,033	1/2	134,116	1/2	146,199	1/2	158,282	1/2	169,819	1/2		1/2		1/2		1/2		1/2	
3/4	122,285	3/4	134,368	3/4	146,451	3/4	158,533	3/4	169,966	3/4		3/4		3/4		3/4		3/4	
5	122,537	5	134,619	5	146,702	5	158,785	5	170,113	5		5		5		5		5	
1/4	122,788	1/4	134,871	1/4	146,954	1/4	159,037	1/4	170,218	1/4		1/4		1/4		1/4		1/4	
1/2	123,040	1/2	135,123	1/2	147,206	1/2	159,289	1/2	170,323	1/2		1/2		1/2		1/2		1/2	
3/4	123,292	3/4	135,375	3/4	147,457	3/4	159,540	3/4	170,428	3/4		3/4		3/4		3/4		3/4	
6	123,543	6	135,626	6	147,709	6	159,792	6	170,532	6		6		6		6		6	
1/4	123,795	1/4	135,878	1/4	147,961	1/4	160,044	1/4	170,595	1/4		1/4		1/4		1/4		1/4	
1/2	124,047	1/2	136,130	1/2	148,213	1/2	160,296	1/2	170,658	1/2		1/2		1/2		1/2		1/2	
3/4	124,299	3/4	136,381	3/4	148,464	3/4	160,547	3/4	170,721	3/4		3/4		3/4		3/4		3/4	
7	124,550	7	136,633	7	148,716	7	160,799	7	170,784	7		7		7		7		7	
1/4	124,802	1/4	136,885	1/4	148,968	1/4	161,051	1/4	170,805	1/4		1/4		1/4		1/4		1/4	
1/2	125,054	1/2	137,137	1/2	149,220	1/2	161,302	1/2	170,826	1/2		1/2		1/2		1/2		1/2	
3/4	125,306	3/4	137,388	3/4	149,471	3/4	161,554	3/4	170,847	3/4		3/4		3/4		3/4		3/4	
8	125,557	8	137,640	8	149,723	8	161,806	8	170,868	8		8		8		8		8	
1/4	125,809	1/4	137,892	1/4	149,975	1/4	162,058	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,061	1/2	138,144	1/2	150,226	1/2	162,309	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,312	3/4	138,395	3/4	150,478	3/4	162,561	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,564	9	138,647	9	150,730	9	162,813	9		9		9		9		9		9	
1/4	126,816	1/4	138,899	1/4	150,982	1/4	163,065	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,068	1/2	139,150	1/2	151,233	1/2	163,316	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,319	3/4	139,402	3/4	151,485	3/4	163,568	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,571	10	139,654	10	151,737	10	163,820	10		10		10		10		10		10	
1/4	127,823	1/4	139,906	1/4	151,989	1/4	164,071	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,075	1/2	140,157	1/2	152,240	1/2	164,323	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,326	3/4	140,409	3/4	152,492	3/4	164,575	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,578	11	140,661	11	152,744	11	164,827	11		11		11		11		11		11	
1/4	128,830	1/4	140,913	1/4	152,995	1/4	165,078	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,081	1/2	141,164	1/2	153,247	1/2	165,330	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,333	3/4	141,416	3/4	153,499	3/4	165,582	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2020 SW
CALCULATED: 04/28/2020 CL
PRINTED: 04/28/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1010"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	35	0	8,037	0	18,758	0	29,465	0	40,168	0	50,890	0	61,611	0	72,333	0	83,055	0	93,777
1/4	54	1/4	8,260	1/4	18,981	1/4	29,687	1/4	40,391	1/4	51,113	1/4	61,835	1/4	72,557	1/4	83,278	1/4	94,000
1/2	72	1/2	8,483	1/2	19,205	1/2	29,909	1/2	40,615	1/2	51,336	1/2	62,058	1/2	72,780	1/2	83,502	1/2	94,224
3/4	91	3/4	8,707	3/4	19,428	3/4	30,132	3/4	40,838	3/4	51,560	3/4	62,282	3/4	73,003	3/4	83,725	3/4	94,447
1	109	1	8,930	1	19,652	1	30,354	1	41,061	1	51,783	1	62,505	1	73,227	1	83,949	1	94,670
1 1/4	165	1 1/4	9,154	1 1/4	19,875	1 1/4	30,577	1 1/4	41,285	1 1/4	52,007	1 1/4	62,728	1 1/4	73,450	1 1/4	84,172	1 1/4	94,894
1 1/2	221	1 1/2	9,377	1 1/2	20,098	1 1/2	30,799	1 1/2	41,508	1 1/2	52,230	1 1/2	62,952	1 1/2	73,673	1 1/2	84,395	1 1/2	95,117
3/4	277	3/4	9,600	3/4	20,322	3/4	31,022	3/4	41,732	3/4	52,453	3/4	63,175	3/4	73,897	3/4	84,619	3/4	95,340
2	333	2	9,824	2	20,545	2	31,244	2	41,955	2	52,677	2	63,398	2	74,120	2	84,842	2	95,564
1 1/4	426	1 1/4	10,047	1 1/4	20,768	1 1/4	31,467	1 1/4	42,178	1 1/4	52,900	1 1/4	63,622	1 1/4	74,344	1 1/4	85,065	1 1/4	95,787
1 1/2	519	1 1/2	10,270	1 1/2	20,992	1 1/2	31,689	1 1/2	42,402	1 1/2	53,123	1 1/2	63,845	1 1/2	74,567	1 1/2	85,289	1 1/2	96,011
3/4	612	3/4	10,494	3/4	21,215	3/4	31,912	3/4	42,625	3/4	53,347	3/4	64,069	3/4	74,790	3/4	85,512	3/4	96,234
3	705	3	10,717	3	21,438	3	32,134	3	42,848	3	53,570	3	64,292	3	75,014	3	85,735	3	96,457
1 1/4	835	1 1/4	10,940	1 1/4	21,662	1 1/4	32,356	1 1/4	43,072	1 1/4	53,794	1 1/4	64,515	1 1/4	75,237	1 1/4	85,959	1 1/4	96,681
1 1/2	965	1 1/2	11,164	1 1/2	21,885	1 1/2	32,579	1 1/2	43,295	1 1/2	54,017	1 1/2	64,739	1 1/2	75,460	1 1/2	86,182	1 1/2	96,904
3/4	1,096	3/4	11,387	3/4	22,109	3/4	32,801	3/4	43,519	3/4	54,240	3/4	64,962	3/4	75,684	3/4	86,406	3/4	97,127
4	1,226	4	11,611	4	22,332	4	33,024	4	43,742	4	54,464	4	65,185	4	75,907	4	86,629	4	97,351
1 1/4	1,394	1 1/4	11,834	1 1/4	22,555	1 1/4	33,246	1 1/4	43,965	1 1/4	54,687	1 1/4	65,409	1 1/4	76,131	1 1/4	86,852	1 1/4	97,574
1 1/2	1,561	1 1/2	12,057	1 1/2	22,779	1 1/2	33,469	1 1/2	44,189	1 1/2	54,910	1 1/2	65,632	1 1/2	76,354	1 1/2	87,076	1 1/2	97,797
3/4	1,729	3/4	12,281	3/4	23,002	3/4	33,691	3/4	44,412	3/4	55,134	3/4	65,856	3/4	76,577	3/4	87,299	3/4	98,021
5	1,896	5	12,504	5	23,225	5	33,914	5	44,635	5	55,357	5	66,079	5	76,801	5	87,522	5	98,244
1 1/4	2,100	1 1/4	12,727	1 1/4	23,449	1 1/4	34,137	1 1/4	44,859	1 1/4	55,581	1 1/4	66,302	1 1/4	77,024	1 1/4	87,746	1 1/4	98,468
1 1/2	2,304	1 1/2	12,951	1 1/2	23,672	1 1/2	34,360	1 1/2	45,082	1 1/2	55,804	1 1/2	66,526	1 1/2	77,247	1 1/2	87,969	1 1/2	98,691
3/4	2,509	3/4	13,174	3/4	23,895	3/4	34,584	3/4	45,305	3/4	56,027	3/4	66,749	3/4	77,471	3/4	88,193	3/4	98,914
6	2,713	6	13,397	6	24,119	6	34,807	6	45,529	6	56,251	6	66,972	6	77,694	6	88,416	6	99,138
1 1/4	2,932	1 1/4	13,621	1 1/4	24,342	1 1/4	35,030	1 1/4	45,752	1 1/4	56,474	1 1/4	67,196	1 1/4	77,918	1 1/4	88,639	1 1/4	99,361
1 1/2	3,151	1 1/2	13,844	1 1/2	24,565	1 1/2	35,254	1 1/2	45,976	1 1/2	56,697	1 1/2	67,419	1 1/2	78,141	1 1/2	88,863	1 1/2	99,584
3/4	3,370	3/4	14,068	3/4	24,789	3/4	35,477	3/4	46,199	3/4	56,921	3/4	67,642	3/4	78,364	3/4	89,086	3/4	99,808
7	3,588	7	14,291	7	25,012	7	35,701	7	46,422	7	57,144	7	67,866	7	78,588	7	89,309	7	100,031
1 1/4	3,809	1 1/4	14,514	1 1/4	25,235	1 1/4	35,924	1 1/4	46,646	1 1/4	57,367	1 1/4	68,089	1 1/4	78,811	1 1/4	89,533	1 1/4	100,255
1 1/2	4,030	1 1/2	14,738	1 1/2	25,458	1 1/2	36,147	1 1/2	46,869	1 1/2	57,591	1 1/2	68,313	1 1/2	79,034	1 1/2	89,756	1 1/2	100,478
3/4	4,251	3/4	14,961	3/4	25,681	3/4	36,371	3/4	47,092	3/4	57,814	3/4	68,536	3/4	79,258	3/4	89,980	3/4	100,701
8	4,472	8	15,184	8	25,904	8	36,594	8	47,316	8	58,038	8	68,759	8	79,481	8	90,203	8	100,925
1 1/4	4,694	1 1/4	15,408	1 1/4	26,127	1 1/4	36,817	1 1/4	47,539	1 1/4	58,261	1 1/4	68,983	1 1/4	79,704	1 1/4	90,426	1 1/4	101,148
1 1/2	4,916	1 1/2	15,631	1 1/2	26,349	1 1/2	37,041	1 1/2	47,763	1 1/2	58,484	1 1/2	69,206	1 1/2	79,928	1 1/2	90,650	1 1/2	101,371
3/4	5,138	3/4	15,854	3/4	26,572	3/4	37,264	3/4	47,986	3/4	58,708	3/4	69,429	3/4	80,151	3/4	90,873	3/4	101,595
9	5,360	9	16,078	9	26,795	9	37,488	9	48,209	9	58,931	9	69,653	9	80,375	9	91,096	9	101,818
1 1/4	5,583	1 1/4	16,301	1 1/4	27,018	1 1/4	37,711	1 1/4	48,433	1 1/4	59,154	1 1/4	69,876	1 1/4	80,598	1 1/4	91,320	1 1/4	102,042
1 1/2	5,805	1 1/2	16,524	1 1/2	27,240	1 1/2	37,934	1 1/2	48,656	1 1/2	59,378	1 1/2	70,100	1 1/2	80,821	1 1/2	91,543	1 1/2	102,265
3/4	6,028	3/4	16,748	3/4	27,462	3/4	38,158	3/4	48,879	3/4	59,601	3/4	70,323	3/4	81,045	3/4	91,766	3/4	102,488
10	6,251	10	16,971	10	27,685	10	38,381	10	49,103	10	59,825	10	70,546	10	81,268	10	91,990	10	102,712
1 1/4	6,474	1 1/4	17,195	1 1/4	27,907	1 1/4	38,604	1 1/4	49,326	1 1/4	60,048	1 1/4	70,770	1 1/4	81,491	1 1/4	92,213	1 1/4	102,935
1 1/2	6,697	1 1/2	17,418	1 1/2	28,130	1 1/2	38,828	1 1/2	49,550	1 1/2	60,271	1 1/2	70,993	1 1/2	81,715	1 1/2	92,437	1 1/2	103,158
3/4	6,920	3/4	17,641	3/4	28,352	3/4	39,051	3/4	49,773	3/4	60,495	3/4	71,216	3/4	81,938	3/4	92,660	3/4	103,382
11	7,143	11	17,865	11	28,575	11	39,274	11	49,996	11	60,718	11	71,440	11	82,162	11	92,883	11	103,605
1 1/4	7,367	1 1/4	18,088	1 1/4	28,797	1 1/4	39,498	1 1/4	50,220	1 1/4	60,941	1 1/4	71,663	1 1/4	82,385	1 1/4	93,107	1 1/4	103,828
1 1/2	7,590	1 1/2	18,311	1 1/2	29,020	1 1/2	39,721	1 1/2	50,443	1 1/2	61,165	1 1/2	71,887	1 1/2	82,608	1 1/2	93,330	1 1/2	104,052
3/4	7,813	3/4	18,535	3/4	29,242	3/4	39,945	3/4	50,666	3/4	61,388	3/4	72,110	3/4	82,832	3/4	93,553	3/4	104,275

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 22'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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PMA



BARGE "CBC 1010"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,499	0	115,220	0	125,942	0	136,664	0	147,386	0		0		0		0		0	
1/4	104,722	1/4	115,444	1/4	126,165	1/4	136,887	1/4	147,609	1/4		1/4		1/4		1/4		1/4	
1/2	104,945	1/2	115,667	1/2	126,389	1/2	137,111	1/2	147,832	1/2		1/2		1/2		1/2		1/2	
3/4	105,169	3/4	115,890	3/4	126,612	3/4	137,334	3/4	148,056	3/4		3/4		3/4		3/4		3/4	
1	105,392	1	116,114	1	126,836	1	137,557	1	148,279	1		1		1		1		1	
1/4	105,615	1/4	116,337	1/4	127,059	1/4	137,781	1/4	148,503	1/4		1/4		1/4		1/4		1/4	
1/2	105,839	1/2	116,561	1/2	127,282	1/2	138,004	1/2	148,726	1/2		1/2		1/2		1/2		1/2	
3/4	106,062	3/4	116,784	3/4	127,506	3/4	138,227	3/4	148,949	3/4		3/4		3/4		3/4		3/4	
2	106,286	2	117,007	2	127,729	2	138,451	2	149,173	2		2		2		2		2	
1/4	106,509	1/4	117,231	1/4	127,952	1/4	138,674	1/4	149,377	1/4		1/4		1/4		1/4		1/4	
1/2	106,732	1/2	117,454	1/2	128,176	1/2	138,898	1/2	149,582	1/2		1/2		1/2		1/2		1/2	
3/4	106,956	3/4	117,677	3/4	128,399	3/4	139,121	3/4	149,787	3/4		3/4		3/4		3/4		3/4	
3	107,179	3	117,901	3	128,623	3	139,344	3	149,992	3		3		3		3		3	
1/4	107,402	1/4	118,124	1/4	128,846	1/4	139,568	1/4	150,159	1/4		1/4		1/4		1/4		1/4	
1/2	107,626	1/2	118,348	1/2	129,069	1/2	139,791	1/2	150,327	1/2		1/2		1/2		1/2		1/2	
3/4	107,849	3/4	118,571	3/4	129,293	3/4	140,014	3/4	150,494	3/4		3/4		3/4		3/4		3/4	
4	108,072	4	118,794	4	129,516	4	140,238	4	150,662	4		4		4		4		4	
1/4	108,296	1/4	119,018	1/4	129,739	1/4	140,461	1/4	150,792	1/4		1/4		1/4		1/4		1/4	
1/2	108,519	1/2	119,241	1/2	129,963	1/2	140,685	1/2	150,922	1/2		1/2		1/2		1/2		1/2	
3/4	108,743	3/4	119,464	3/4	130,186	3/4	140,908	3/4	151,053	3/4		3/4		3/4		3/4		3/4	
5	108,966	5	119,688	5	130,410	5	141,131	5	151,183	5		5		5		5		5	
1/4	109,189	1/4	119,911	1/4	130,633	1/4	141,355	1/4	151,276	1/4		1/4		1/4		1/4		1/4	
1/2	109,413	1/2	120,134	1/2	130,856	1/2	141,578	1/2	151,369	1/2		1/2		1/2		1/2		1/2	
3/4	109,636	3/4	120,358	3/4	131,080	3/4	141,801	3/4	151,462	3/4		3/4		3/4		3/4		3/4	
6	109,859	6	120,581	6	131,303	6	142,025	6	151,555	6		6		6		6		6	
1/4	110,083	1/4	120,805	1/4	131,526	1/4	142,248	1/4	151,611	1/4		1/4		1/4		1/4		1/4	
1/2	110,306	1/2	121,028	1/2	131,750	1/2	142,472	1/2	151,667	1/2		1/2		1/2		1/2		1/2	
3/4	110,530	3/4	121,251	3/4	131,973	3/4	142,695	3/4	151,723	3/4		3/4		3/4		3/4		3/4	
7	110,753	7	121,475	7	132,196	7	142,918	7	151,779	7		7		7		7		7	
1/4	110,976	1/4	121,698	1/4	132,420	1/4	143,142	1/4	151,797	1/4		1/4		1/4		1/4		1/4	
1/2	111,200	1/2	121,921	1/2	132,643	1/2	143,365	1/2	151,816	1/2		1/2		1/2		1/2		1/2	
3/4	111,423	3/4	122,145	3/4	132,867	3/4	143,588	3/4	151,834	3/4		3/4		3/4		3/4		3/4	
8	111,646	8	122,368	8	133,090	8	143,812	8	151,853	8		8		8		8		8	
1/4	111,870	1/4	122,592	1/4	133,313	1/4	144,035	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,093	1/2	122,815	1/2	133,537	1/2	144,258	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,317	3/4	123,038	3/4	133,760	3/4	144,482	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,540	9	123,262	9	133,983	9	144,705	9		9		9		9		9		9	
1/4	112,763	1/4	123,485	1/4	134,207	1/4	144,929	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,987	1/2	123,708	1/2	134,430	1/2	145,152	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,210	3/4	123,932	3/4	134,654	3/4	145,375	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,433	10	124,155	10	134,877	10	145,599	10		10		10		10		10		10	
1/4	113,657	1/4	124,379	1/4	135,100	1/4	145,822	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,880	1/2	124,602	1/2	135,324	1/2	146,045	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,103	3/4	124,825	3/4	135,547	3/4	146,269	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,327	11	125,049	11	135,770	11	146,492	11		11		11		11		11		11	
1/4	114,550	1/4	125,272	1/4	135,994	1/4	146,716	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,774	1/2	125,495	1/2	136,217	1/2	146,939	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,997	3/4	125,719	3/4	136,441	3/4	147,162	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2020 SW
CALCULATED: 04/28/2020 CL
PRINTED: 04/28/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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True Measure



BARGE "CBC 1010"

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	00-1/4	- 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
2 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4
3 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8

(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 - 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 166'-03"

April 28, 2020

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588

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BARGE "CBC 1010"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	147,659	0	140,143	0	130,656	0	121,168	0	111,690	0	101,097	0	90,309	0	79,517
1/4		1/4		1/4	147,640	1/4	139,945	1/4	130,458	1/4	120,971	1/4	111,493	1/4	100,872	1/4	90,084	1/4	79,292
1/2		1/2		1/2	147,621	1/2	139,748	1/2	130,260	1/2	120,773	1/2	111,296	1/2	100,647	1/2	89,859	1/2	79,067
3/4		3/4		3/4	147,602	3/4	139,550	3/4	130,063	3/4	120,575	3/4	111,098	3/4	100,423	3/4	89,634	3/4	78,842
1		1		1	147,546	1	139,352	1	129,865	1	120,378	1	110,901	1	100,198	1	89,410	1	78,619
1/4		1/4		1/4	147,490	1/4	139,155	1/4	129,667	1/4	120,180	1/4	110,704	1/4	99,973	1/4	89,185	1/4	78,395
1/2		1/2		1/2	147,433	1/2	138,957	1/2	129,470	1/2	119,982	1/2	110,507	1/2	99,748	1/2	88,960	1/2	78,172
3/4		3/4		3/4	147,377	3/4	138,759	3/4	129,272	3/4	119,785	3/4	110,310	3/4	99,523	3/4	88,735	3/4	77,948
2		2		2	147,283	2	138,562	2	129,074	2	119,587	2	110,086	2	99,299	2	88,510	2	77,726
1/4		1/4		1/4	147,189	1/4	138,364	1/4	128,877	1/4	119,390	1/4	109,861	1/4	99,074	1/4	88,285	1/4	77,504
1/2		1/2		1/2	147,095	1/2	138,166	1/2	128,679	1/2	119,192	1/2	109,637	1/2	98,849	1/2	88,061	1/2	77,282
3/4		3/4		3/4	147,001	3/4	137,969	3/4	128,481	3/4	118,994	3/4	109,413	3/4	98,624	3/4	87,836	3/4	77,059
3		3		3	146,870	3	137,771	3	128,284	3	118,797	3	109,188	3	98,399	3	87,611	3	76,837
1/4		1/4		1/4	146,739	1/4	137,573	1/4	128,086	1/4	118,599	1/4	108,964	1/4	98,175	1/4	87,386	1/4	76,615
1/2		1/2		1/2	146,607	1/2	137,376	1/2	127,889	1/2	118,401	1/2	108,740	1/2	97,950	1/2	87,161	1/2	76,393
3/4		3/4		3/4	146,476	3/4	137,178	3/4	127,691	3/4	118,204	3/4	108,516	3/4	97,725	3/4	86,936	3/4	76,171
4		4		4	146,307	4	136,981	4	127,493	4	118,006	4	108,291	4	97,500	4	86,712	4	75,948
1/4		1/4		1/4	146,138	1/4	136,783	1/4	127,296	1/4	117,808	1/4	108,066	1/4	97,275	1/4	86,487	1/4	75,726
1/2		1/2		1/2	145,969	1/2	136,585	1/2	127,098	1/2	117,611	1/2	107,841	1/2	97,051	1/2	86,262	1/2	75,504
3/4		3/4		3/4	145,800	3/4	136,388	3/4	126,900	3/4	117,413	3/4	107,616	3/4	96,826	3/4	86,037	3/4	75,282
5		5		5	145,621	5	136,190	5	126,703	5	117,215	5	107,392	5	96,601	5	85,812	5	75,059
1/4		1/4		1/4	145,442	1/4	135,992	1/4	126,505	1/4	117,018	1/4	107,167	1/4	96,376	1/4	85,587	1/4	74,837
1/2		1/2		1/2	145,263	1/2	135,795	1/2	126,307	1/2	116,820	1/2	106,942	1/2	96,151	1/2	85,363	1/2	74,615
3/4		3/4		3/4	145,084	3/4	135,597	3/4	126,110	3/4	116,622	3/4	106,717	3/4	95,926	3/4	85,138	3/4	74,393
6		6		6	144,887	6	135,399	6	125,912	6	116,425	6	106,492	6	95,702	6	84,913	6	74,170
1/4		1/4		1/4	144,689	1/4	135,202	1/4	125,714	1/4	116,227	1/4	106,267	1/4	95,477	1/4	84,688	1/4	73,948
1/2		1/2		1/2	144,491	1/2	135,004	1/2	125,517	1/2	116,029	1/2	106,043	1/2	95,252	1/2	84,463	1/2	73,726
3/4		3/4		3/4	144,294	3/4	134,806	3/4	125,319	3/4	115,832	3/4	105,818	3/4	95,028	3/4	84,238	3/4	73,504
7		7		7	144,096	7	134,609	7	125,121	7	115,634	7	105,593	7	94,803	7	84,013	7	73,281
1/4		1/4		1/4	143,898	1/4	134,411	1/4	124,924	1/4	115,436	1/4	105,368	1/4	94,578	1/4	83,789	1/4	73,059
1/2		1/2		1/2	143,701	1/2	134,213	1/2	124,726	1/2	115,239	1/2	105,143	1/2	94,354	1/2	83,564	1/2	72,837
3/4		3/4		3/4	143,503	3/4	134,016	3/4	124,528	3/4	115,041	3/4	104,919	3/4	94,129	3/4	83,339	3/4	72,615
8		8		8	143,305	8	133,818	8	124,331	8	114,844	8	104,694	8	93,904	8	83,114	8	72,393
1/4		1/4		1/4	143,108	1/4	133,620	1/4	124,133	1/4	114,647	1/4	104,469	1/4	93,680	1/4	82,889	1/4	72,170
1/2		1/2		1/2	142,910	1/2	133,423	1/2	123,936	1/2	114,450	1/2	104,244	1/2	93,455	1/2	82,664	1/2	71,948
3/4		3/4		3/4	142,712	3/4	133,225	3/4	123,738	3/4	114,253	3/4	104,019	3/4	93,230	3/4	82,440	3/4	71,726
9		9		9	142,515	9	133,027	9	123,540	9	114,055	9	103,795	9	93,005	9	82,215	9	71,502
1/4		1/4		1/4	142,317	1/4	132,830	1/4	123,343	1/4	113,858	1/4	103,570	1/4	92,781	1/4	81,990	1/4	71,279
1/2		1/2		1/2	142,119	1/2	132,632	1/2	123,145	1/2	113,661	1/2	103,345	1/2	92,556	1/2	81,765	1/2	71,055
3/4		3/4		3/4	141,922	3/4	132,435	3/4	122,947	3/4	113,464	3/4	103,120	3/4	92,331	3/4	81,540	3/4	70,831
10		10		10	141,724	10	132,237	10	122,750	10	113,267	10	102,895	10	92,107	10	81,315	10	70,607
1/4		1/4		1/4	141,526	1/4	132,039	1/4	122,552	1/4	113,070	1/4	102,671	1/4	91,882	1/4	81,091	1/4	70,383
1/2		1/2		1/2	141,329	1/2	131,842	1/2	122,354	1/2	112,873	1/2	102,446	1/2	91,657	1/2	80,866	1/2	70,159
3/4		3/4		3/4	141,131	3/4	131,644	3/4	122,157	3/4	112,676	3/4	102,221	3/4	91,433	3/4	80,641	3/4	69,935
11		11		11	140,934	11	131,446	11	121,959	11	112,478	11	101,996	11	91,208	11	80,416	11	69,711
1/4		1/4		1/4	140,736	1/4	131,249	1/4	121,761	1/4	112,281	1/4	101,771	1/4	90,983	1/4	80,191	1/4	69,486
1/2		1/2		1/2	140,538	1/2	131,051	1/2	121,564	1/2	112,084	1/2	101,547	1/2	90,759	1/2	79,966	1/2	69,262
3/4		3/4		3/4	147,677	3/4	140,341	3/4	130,853	3/4	121,366	3/4	101,322	3/4	90,534	3/4	79,741	3/4	69,038

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'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77508
<http://www.pmacorp.net>



BARGE "CBC 1010"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	68,813	0	58,027	0	47,240	0	36,454	0	25,889	0	15,092	0	4,288	0		0		0	
1/4	68,589	1/4	57,802	1/4	47,015	1/4	36,230	1/4	25,670	1/4	14,867	1/4	4,065	1/4		1/4		1/4	
1/2	68,364	1/2	57,577	1/2	46,791	1/2	36,006	1/2	25,451	1/2	14,641	1/2	3,843	1/2		1/2		1/2	
3/4	68,139	3/4	57,353	3/4	46,566	3/4	35,781	3/4	25,232	3/4	14,416	3/4	3,620	3/4		3/4		3/4	
1	67,915	1	57,128	1	46,341	1	35,557	1	25,006	1	14,191	1	3,399	1		1		1	
1/4	67,690	1/4	56,903	1/4	46,117	1/4	35,333	1/4	24,781	1/4	13,965	1/4	3,178	1/4		1/4		1/4	
1/2	67,465	1/2	56,678	1/2	45,892	1/2	35,109	1/2	24,556	1/2	13,740	1/2	2,957	1/2		1/2		1/2	
3/4	67,240	3/4	56,454	3/4	45,667	3/4	34,885	3/4	24,330	3/4	13,515	3/4	2,736	3/4		3/4		3/4	
2	67,016	2	56,229	2	45,442	2	34,661	2	24,105	2	13,289	2	2,530	2		2		2	
1/4	66,791	1/4	56,004	1/4	45,218	1/4	34,437	1/4	23,880	1/4	13,064	1/4	2,324	1/4		1/4		1/4	
1/2	66,566	1/2	55,780	1/2	44,993	1/2	34,213	1/2	23,654	1/2	12,839	1/2	2,119	1/2		1/2		1/2	
3/4	66,341	3/4	55,555	3/4	44,768	3/4	33,989	3/4	23,429	3/4	12,613	3/4	1,913	3/4		3/4		3/4	
3	66,117	3	55,330	3	44,543	3	33,770	3	23,204	3	12,388	3	1,744	3		3		3	
1/4	65,892	1/4	55,105	1/4	44,319	1/4	33,551	1/4	22,978	1/4	12,163	1/4	1,575	1/4		1/4		1/4	
1/2	65,667	1/2	54,881	1/2	44,094	1/2	33,333	1/2	22,753	1/2	11,937	1/2	1,406	1/2		1/2		1/2	
3/4	65,443	3/4	54,656	3/4	43,869	3/4	33,114	3/4	22,528	3/4	11,712	3/4	1,237	3/4		3/4		3/4	
4	65,218	4	54,431	4	43,645	4	32,895	4	22,302	4	11,487	4	1,105	4		4		4	
1/4	64,993	1/4	54,207	1/4	43,420	1/4	32,676	1/4	22,077	1/4	11,261	1/4	974	1/4		1/4		1/4	
1/2	64,768	1/2	53,982	1/2	43,195	1/2	32,458	1/2	21,852	1/2	11,036	1/2	842	1/2		1/2		1/2	
3/4	64,544	3/4	53,757	3/4	42,971	3/4	32,239	3/4	21,626	3/4	10,811	3/4	711	3/4		3/4		3/4	
5	64,319	5	53,532	5	42,746	5	32,020	5	21,401	5	10,585	5	617	5		5		5	
1/4	64,094	1/4	53,308	1/4	42,521	1/4	31,802	1/4	21,176	1/4	10,360	1/4	523	1/4		1/4		1/4	
1/2	63,870	1/2	53,083	1/2	42,296	1/2	31,583	1/2	20,950	1/2	10,135	1/2	429	1/2		1/2		1/2	
3/4	63,645	3/4	52,858	3/4	42,072	3/4	31,364	3/4	20,725	3/4	9,909	3/4	335	3/4		3/4		3/4	
6	63,420	6	52,633	6	41,847	6	31,146	6	20,500	6	9,684	6	279	6		6		6	
1/4	63,195	1/4	52,409	1/4	41,622	1/4	30,927	1/4	20,274	1/4	9,459	1/4	223	1/4		1/4		1/4	
1/2	62,971	1/2	52,184	1/2	41,398	1/2	30,708	1/2	20,049	1/2	9,233	1/2	166	1/2		1/2		1/2	
3/4	62,746	3/4	51,959	3/4	41,173	3/4	30,490	3/4	19,824	3/4	9,008	3/4	110	3/4		3/4		3/4	
7	62,521	7	51,735	7	40,948	7	30,271	7	19,598	7	8,783	7	91	7		7		7	
1/4	62,296	1/4	51,510	1/4	40,724	1/4	30,052	1/4	19,373	1/4	8,557	1/4	72	1/4		1/4		1/4	
1/2	62,072	1/2	51,285	1/2	40,499	1/2	29,833	1/2	19,148	1/2	8,332	1/2	54	1/2		1/2		1/2	
3/4	61,847	3/4	51,060	3/4	40,274	3/4	29,615	3/4	18,923	3/4	8,107	3/4	35	3/4		3/4		3/4	
8	61,622	8	50,836	8	40,049	8	29,396	8	18,697	8	7,881	8		8		8		8	
1/4	61,398	1/4	50,611	1/4	39,825	1/4	29,177	1/4	18,472	1/4	7,656	1/4		1/4		1/4		1/4	
1/2	61,173	1/2	50,386	1/2	39,600	1/2	28,958	1/2	18,247	1/2	7,431	1/2		1/2		1/2		1/2	
3/4	60,948	3/4	50,162	3/4	39,375	3/4	28,739	3/4	18,021	3/4	7,206	3/4		3/4		3/4		3/4	
9	60,723	9	49,937	9	39,151	9	28,520	9	17,796	9	6,980	9		9		9		9	
1/4	60,499	1/4	49,712	1/4	38,926	1/4	28,301	1/4	17,571	1/4	6,755	1/4		1/4		1/4		1/4	
1/2	60,274	1/2	49,487	1/2	38,701	1/2	28,082	1/2	17,345	1/2	6,530	1/2		1/2		1/2		1/2	
3/4	60,049	3/4	49,263	3/4	38,477	3/4	27,862	3/4	17,120	3/4	6,305	3/4		3/4		3/4		3/4	
10	59,825	10	49,038	10	38,252	10	27,643	10	16,895	10	6,080	10		10		10		10	
1/4	59,600	1/4	48,813	1/4	38,027	1/4	27,424	1/4	16,669	1/4	5,856	1/4		1/4		1/4		1/4	
1/2	59,375	1/2	48,588	1/2	37,802	1/2	27,205	1/2	16,444	1/2	5,631	1/2		1/2		1/2		1/2	
3/4	59,150	3/4	48,364	3/4	37,578	3/4	26,986	3/4	16,219	3/4	5,406	3/4		3/4		3/4		3/4	
11	58,926	11	48,139	11	37,353	11	26,766	11	15,993	11	5,183	11		11		11		11	
1/4	58,701	1/4	47,914	1/4	37,128	1/4	26,547	1/4	15,768	1/4	4,959	1/4		1/4		1/4		1/4	
1/2	58,476	1/2	47,690	1/2	36,904	1/2	26,328	1/2	15,543	1/2	4,735	1/2		1/2		1/2		1/2	
3/4	58,252	3/4	47,465	3/4	36,679	3/4	26,109	3/4	15,317	3/4	4,511	3/4		3/4		3/4		3/4	

STRAPPED: 04/28/2020 SW
CALCULATED: 04/28/2020 CL
PRINTED: 04/28/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 1010"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	162,561	0	150,478	0	138,395	0	126,312	0	114,230	0	102,147	0	90,064
1/4		1/4		1/4		1/4	162,309	1/4	150,226	1/4	138,144	1/4	126,061	1/4	113,978	1/4	101,895	1/4	89,812
1/2		1/2		1/2		1/2	162,058	1/2	149,975	1/2	137,892	1/2	125,809	1/2	113,726	1/2	101,643	1/2	89,560
3/4		3/4		3/4		3/4	170,868	3/4	161,806	3/4	149,723	3/4	137,640	3/4	125,557	3/4	113,474	3/4	89,309
1		1		1		1	170,847	1	161,554	1	149,471	1	137,388	1	125,306	1	113,223	1	89,057
1/4		1/4		1/4		1/4	170,826	1/4	161,302	1/4	149,220	1/4	137,137	1/4	125,054	1/4	112,971	1/4	88,805
1/2		1/2		1/2		1/2	170,805	1/2	161,051	1/2	148,968	1/2	136,885	1/2	124,802	1/2	112,719	1/2	88,553
3/4		3/4		3/4		3/4	170,784	3/4	160,799	3/4	148,716	3/4	136,833	3/4	124,550	3/4	112,467	3/4	88,302
2		2		2		2	170,721	2	160,547	2	148,464	2	136,381	2	124,299	2	112,216	2	88,050
1/4		1/4		1/4		1/4	170,658	1/4	160,296	1/4	148,213	1/4	136,130	1/4	124,047	1/4	111,964	1/4	87,798
1/2		1/2		1/2		1/2	170,595	1/2	160,044	1/2	147,961	1/2	135,878	1/2	123,795	1/2	111,712	1/2	87,547
3/4		3/4		3/4		3/4	170,532	3/4	159,792	3/4	147,709	3/4	135,826	3/4	123,543	3/4	111,461	3/4	87,295
3		3		3		3	170,428	3	159,540	3	147,457	3	135,375	3	123,292	3	111,209	3	87,043
1/4		1/4		1/4		1/4	170,323	1/4	159,289	1/4	147,206	1/4	135,123	1/4	123,040	1/4	110,957	1/4	86,791
1/2		1/2		1/2		1/2	170,218	1/2	159,037	1/2	146,954	1/2	134,871	1/2	122,788	1/2	110,705	1/2	86,540
3/4		3/4		3/4		3/4	170,113	3/4	158,785	3/4	146,702	3/4	134,619	3/4	122,537	3/4	110,454	3/4	86,288
4		4		4		4	169,966	4	158,533	4	146,451	4	134,368	4	122,285	4	110,202	4	86,036
1/4		1/4		1/4		1/4	169,819	1/4	158,282	1/4	146,199	1/4	134,116	1/4	122,033	1/4	109,950	1/4	85,784
1/2		1/2		1/2		1/2	169,672	1/2	158,030	1/2	145,947	1/2	133,864	1/2	121,781	1/2	109,698	1/2	85,533
3/4		3/4		3/4		3/4	169,526	3/4	157,778	3/4	145,695	3/4	133,612	3/4	121,530	3/4	109,447	3/4	85,281
5		5		5		5	169,337	5	157,527	5	145,444	5	133,361	5	121,278	5	109,195	5	85,029
1/4		1/4		1/4		1/4	169,148	1/4	157,275	1/4	145,192	1/4	133,109	1/4	121,026	1/4	108,943	1/4	84,778
1/2		1/2		1/2		1/2	168,959	1/2	157,023	1/2	144,940	1/2	132,857	1/2	120,774	1/2	108,692	1/2	84,526
3/4		3/4		3/4		3/4	168,770	3/4	156,771	3/4	144,688	3/4	132,606	3/4	120,523	3/4	108,440	3/4	84,274
6		6		6		6	168,540	6	156,520	6	144,437	6	132,354	6	120,271	6	108,188	6	84,022
1/4		1/4		1/4		1/4	168,309	1/4	156,268	1/4	144,185	1/4	132,102	1/4	120,019	1/4	107,936	1/4	83,771
1/2		1/2		1/2		1/2	168,078	1/2	156,016	1/2	143,933	1/2	131,850	1/2	119,768	1/2	107,685	1/2	83,519
3/4		3/4		3/4		3/4	167,847	3/4	155,764	3/4	143,682	3/4	131,599	3/4	119,516	3/4	107,433	3/4	83,267
7		7		7		7	167,596	7	155,513	7	143,430	7	131,347	7	119,264	7	107,181	7	83,015
1/4		1/4		1/4		1/4	167,344	1/4	155,261	1/4	143,178	1/4	131,095	1/4	119,012	1/4	106,929	1/4	82,764
1/2		1/2		1/2		1/2	167,092	1/2	155,009	1/2	142,926	1/2	130,844	1/2	118,761	1/2	106,678	1/2	82,512
3/4		3/4		3/4		3/4	166,840	3/4	154,758	3/4	142,675	3/4	130,592	3/4	118,509	3/4	106,426	3/4	82,260
8		8		8		8	166,589	8	154,506	8	142,423	8	130,340	8	118,257	8	106,174	8	82,009
1/4		1/4		1/4		1/4	166,337	1/4	154,254	1/4	142,171	1/4	130,088	1/4	118,005	1/4	105,923	1/4	81,757
1/2		1/2		1/2		1/2	166,085	1/2	154,002	1/2	141,919	1/2	129,837	1/2	117,754	1/2	105,671	1/2	81,505
3/4		3/4		3/4		3/4	165,833	3/4	153,751	3/4	141,668	3/4	129,585	3/4	117,502	3/4	105,419	3/4	81,253
9		9		9		9	165,582	9	153,499	9	141,416	9	129,333	9	117,250	9	105,167	9	81,002
1/4		1/4		1/4		1/4	165,330	1/4	153,247	1/4	141,164	1/4	129,081	1/4	116,999	1/4	104,916	1/4	80,750
1/2		1/2		1/2		1/2	165,078	1/2	152,995	1/2	140,913	1/2	128,830	1/2	116,747	1/2	104,664	1/2	80,498
3/4		3/4		3/4		3/4	164,827	3/4	152,744	3/4	140,661	3/4	128,578	3/4	116,495	3/4	104,412	3/4	80,246
10		10		10		10	164,575	10	152,492	10	140,409	10	128,326	10	116,243	10	104,160	10	79,995
1/4		1/4		1/4		1/4	164,323	1/4	152,240	1/4	140,157	1/4	128,075	1/4	115,992	1/4	103,909	1/4	79,743
1/2		1/2		1/2		1/2	164,071	1/2	151,989	1/2	139,906	1/2	127,823	1/2	115,740	1/2	103,657	1/2	79,491
3/4		3/4		3/4		3/4	163,820	3/4	151,737	3/4	139,654	3/4	127,571	3/4	115,488	3/4	103,405	3/4	79,240
11		11		11		11	163,568	11	151,485	11	139,402	11	127,319	11	115,236	11	103,154	11	78,988
1/4		1/4		1/4		1/4	163,316	1/4	151,233	1/4	139,150	1/4	127,068	1/4	114,985	1/4	102,902	1/4	78,736
1/2		1/2		1/2		1/2	163,065	1/2	150,982	1/2	138,899	1/2	126,816	1/2	114,733	1/2	102,650	1/2	78,484
3/4		3/4		3/4		3/4	162,813	3/4	150,730	3/4	138,647	3/4	126,564	3/4	114,481	3/4	102,398	3/4	78,233

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1010"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	77,981	0	65,898	0	53,815	0	41,732	0	29,896	0	17,863	0	5,786	0		0		0	
1/4	77,729	1/4	65,646	1/4	53,563	1/4	41,481	1/4	29,651	1/4	17,611	1/4	5,536	1/4		1/4		1/4	
1/2	77,477	1/2	65,395	1/2	53,312	1/2	41,229	1/2	29,406	1/2	17,359	1/2	5,285	1/2		1/2		1/2	
3/4	77,226	3/4	65,143	3/4	53,060	3/4	40,977	3/4	29,162	3/4	17,108	3/4	5,035	3/4		3/4		3/4	
1	76,974	1	64,891	1	52,808	1	40,725	1	28,917	1	16,856	1	4,786	1		1		1	
1/4	76,722	1/4	64,639	1/4	52,557	1/4	40,474	1/4	28,673	1/4	16,604	1/4	4,537	1/4		1/4		1/4	
1/2	76,471	1/2	64,388	1/2	52,305	1/2	40,222	1/2	28,428	1/2	16,352	1/2	4,288	1/2		1/2		1/2	
3/4	76,219	3/4	64,136	3/4	52,053	3/4	39,970	3/4	28,183	3/4	16,101	3/4	4,040	3/4		3/4		3/4	
2	75,967	2	63,884	2	51,801	2	39,718	2	27,931	2	15,849	2	3,793	2		2		2	
1/4	75,715	1/4	63,632	1/4	51,550	1/4	39,467	1/4	27,680	1/4	15,597	1/4	3,546	1/4		1/4		1/4	
1/2	75,464	1/2	63,381	1/2	51,298	1/2	39,215	1/2	27,428	1/2	15,346	1/2	3,299	1/2		1/2		1/2	
3/4	75,212	3/4	63,129	3/4	51,046	3/4	38,963	3/4	27,176	3/4	15,094	3/4	3,053	3/4		3/4		3/4	
3	74,960	3	62,877	3	50,794	3	38,712	3	26,925	3	14,842	3	2,823	3		3		3	
1/4	74,708	1/4	62,626	1/4	50,543	1/4	38,460	1/4	26,673	1/4	14,590	1/4	2,593	1/4		1/4		1/4	
1/2	74,457	1/2	62,374	1/2	50,291	1/2	38,208	1/2	26,421	1/2	14,339	1/2	2,363	1/2		1/2		1/2	
3/4	74,205	3/4	62,122	3/4	50,039	3/4	37,956	3/4	26,169	3/4	14,087	3/4	2,132	3/4		3/4		3/4	
4	73,953	4	61,870	4	49,788	4	37,712	4	25,918	4	13,835	4	1,944	4		4		4	
1/4	73,702	1/4	61,619	1/4	49,536	1/4	37,468	1/4	25,666	1/4	13,584	1/4	1,755	1/4		1/4		1/4	
1/2	73,450	1/2	61,367	1/2	49,284	1/2	37,224	1/2	25,414	1/2	13,332	1/2	1,566	1/2		1/2		1/2	
3/4	73,198	3/4	61,115	3/4	49,032	3/4	36,979	3/4	25,163	3/4	13,080	3/4	1,377	3/4		3/4		3/4	
5	72,946	5	60,864	5	48,781	5	36,735	5	24,911	5	12,828	5	1,230	5		5		5	
1/4	72,695	1/4	60,612	1/4	48,529	1/4	36,491	1/4	24,659	1/4	12,577	1/4	1,084	1/4		1/4		1/4	
1/2	72,443	1/2	60,360	1/2	48,277	1/2	36,247	1/2	24,407	1/2	12,325	1/2	937	1/2		1/2		1/2	
3/4	72,191	3/4	60,108	3/4	48,025	3/4	36,002	3/4	24,156	3/4	12,073	3/4	790	3/4		3/4		3/4	
6	71,939	6	59,857	6	47,774	6	35,758	6	23,904	6	11,822	6	685	6		6		6	
1/4	71,688	1/4	59,605	1/4	47,522	1/4	35,514	1/4	23,652	1/4	11,570	1/4	580	1/4		1/4		1/4	
1/2	71,436	1/2	59,353	1/2	47,270	1/2	35,270	1/2	23,401	1/2	11,318	1/2	475	1/2		1/2		1/2	
3/4	71,184	3/4	59,101	3/4	47,019	3/4	35,025	3/4	23,149	3/4	11,066	3/4	370	3/4		3/4		3/4	
7	70,933	7	58,850	7	46,767	7	34,781	7	22,897	7	10,815	7	308	7		7		7	
1/4	70,681	1/4	58,598	1/4	46,515	1/4	34,537	1/4	22,645	1/4	10,563	1/4	245	1/4		1/4		1/4	
1/2	70,429	1/2	58,346	1/2	46,263	1/2	34,293	1/2	22,394	1/2	10,311	1/2	182	1/2		1/2		1/2	
3/4	70,177	3/4	58,095	3/4	46,012	3/4	34,048	3/4	22,142	3/4	10,060	3/4	119	3/4		3/4		3/4	
8	69,926	8	57,843	8	45,760	8	33,804	8	21,890	8	9,808	8	98	8		8		8	
1/4	69,674	1/4	57,591	1/4	45,508	1/4	33,560	1/4	21,639	1/4	9,556	1/4	77	1/4		1/4		1/4	
1/2	69,422	1/2	57,339	1/2	45,256	1/2	33,316	1/2	21,387	1/2	9,304	1/2	56	1/2		1/2		1/2	
3/4	69,170	3/4	57,088	3/4	45,005	3/4	33,071	3/4	21,135	3/4	9,053	3/4	35	3/4		3/4		3/4	
9	68,919	9	56,836	9	44,753	9	32,827	9	20,883	9	8,801	9		9		9		9	
1/4	68,667	1/4	56,584	1/4	44,501	1/4	32,583	1/4	20,632	1/4	8,549	1/4		1/4		1/4		1/4	
1/2	68,415	1/2	56,332	1/2	44,250	1/2	32,339	1/2	20,380	1/2	8,298	1/2		1/2		1/2		1/2	
3/4	68,164	3/4	56,081	3/4	43,998	3/4	32,094	3/4	20,128	3/4	8,046	3/4		3/4		3/4		3/4	
10	67,912	10	55,829	10	43,746	10	31,850	10	19,877	10	7,794	10		10		10		10	
1/4	67,660	1/4	55,577	1/4	43,494	1/4	31,606	1/4	19,625	1/4	7,543	1/4		1/4		1/4		1/4	
1/2	67,408	1/2	55,326	1/2	43,243	1/2	31,362	1/2	19,373	1/2	7,291	1/2		1/2		1/2		1/2	
3/4	67,157	3/4	55,074	3/4	42,991	3/4	31,117	3/4	19,121	3/4	7,040	3/4		3/4		3/4		3/4	
11	66,905	11	54,822	11	42,739	11	30,873	11	18,870	11	6,789	11		11		11		11	
1/4	66,653	1/4	54,570	1/4	42,487	1/4	30,629	1/4	18,618	1/4	6,538	1/4		1/4		1/4		1/4	
1/2	66,401	1/2	54,319	1/2	42,236	1/2	30,385	1/2	18,366	1/2	6,287	1/2		1/2		1/2		1/2	
3/4	66,150	3/4	54,067	3/4	41,984	3/4	30,140	3/4	18,115	3/4	6,036	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2020 SW
CALCULATED: 04/28/2020 CL
PRINTED: 04/28/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1010"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	151,853	0	143,812	0	133,090	0	122,368	0	111,646	0	100,925	0	90,203	0	79,481
1/4		1/4		1/4	151,834	1/4	143,588	1/4	132,867	1/4	122,145	1/4	111,423	1/4	100,701	1/4	89,980	1/4	79,258
1/2		1/2		1/2	151,816	1/2	143,565	1/2	132,843	1/2	121,921	1/2	111,200	1/2	100,478	1/2	89,756	1/2	79,034
3/4		3/4		3/4	151,797	3/4	143,142	3/4	132,420	3/4	121,698	3/4	110,976	3/4	100,255	3/4	89,533	3/4	78,811
1		1		1	151,779	1	142,918	1	132,196	1	121,475	1	110,753	1	100,031	1	89,309	1	78,588
1/4		1/4		1/4	151,723	1/4	142,695	1/4	131,973	1/4	121,251	1/4	110,530	1/4	99,808	1/4	89,086	1/4	78,364
1/2		1/2		1/2	151,667	1/2	142,472	1/2	131,750	1/2	121,028	1/2	110,306	1/2	99,584	1/2	88,863	1/2	78,141
3/4		3/4		3/4	151,611	3/4	142,248	3/4	131,526	3/4	120,805	3/4	110,083	3/4	99,361	3/4	88,639	3/4	77,918
2		2		2	151,555	2	142,025	2	131,303	2	120,581	2	109,859	2	99,138	2	88,416	2	77,694
1/4		1/4		1/4	151,462	1/4	141,801	1/4	131,080	1/4	120,358	1/4	109,636	1/4	98,914	1/4	88,193	1/4	77,471
1/2		1/2		1/2	151,369	1/2	141,578	1/2	130,856	1/2	120,134	1/2	109,413	1/2	98,691	1/2	87,969	1/2	77,247
3/4		3/4		3/4	151,276	3/4	141,355	3/4	130,633	3/4	119,911	3/4	109,189	3/4	98,468	3/4	87,746	3/4	77,024
3		3		3	151,183	3	141,131	3	130,410	3	119,688	3	108,966	3	98,244	3	87,522	3	76,801
1/4		1/4		1/4	151,053	1/4	140,908	1/4	130,186	1/4	119,464	1/4	108,743	1/4	98,021	1/4	87,299	1/4	76,577
1/2		1/2		1/2	150,922	1/2	140,685	1/2	129,963	1/2	119,241	1/2	108,519	1/2	97,797	1/2	87,076	1/2	76,354
3/4		3/4		3/4	150,792	3/4	140,461	3/4	129,739	3/4	119,018	3/4	108,296	3/4	97,574	3/4	86,852	3/4	76,131
4		4		4	150,662	4	140,238	4	129,516	4	118,794	4	108,072	4	97,351	4	86,629	4	75,907
1/4		1/4		1/4	150,494	1/4	140,014	1/4	129,293	1/4	118,571	1/4	107,849	1/4	97,127	1/4	86,406	1/4	75,684
1/2		1/2		1/2	150,327	1/2	139,791	1/2	129,069	1/2	118,348	1/2	107,626	1/2	96,904	1/2	86,182	1/2	75,460
3/4		3/4		3/4	150,159	3/4	139,568	3/4	128,846	3/4	118,124	3/4	107,402	3/4	96,681	3/4	85,959	3/4	75,237
5		5		5	149,992	5	139,344	5	128,623	5	117,901	5	107,179	5	96,457	5	85,735	5	75,014
1/4		1/4		1/4	149,787	1/4	139,121	1/4	128,399	1/4	117,677	1/4	106,956	1/4	96,234	1/4	85,512	1/4	74,790
1/2		1/2		1/2	149,582	1/2	138,898	1/2	128,176	1/2	117,454	1/2	106,732	1/2	96,011	1/2	85,289	1/2	74,567
3/4		3/4		3/4	149,377	3/4	138,674	3/4	127,952	3/4	117,231	3/4	106,509	3/4	95,787	3/4	85,065	3/4	74,344
6		6		6	149,173	6	138,451	6	127,729	6	117,007	6	106,286	6	95,564	6	84,842	6	74,120
1/4		1/4		1/4	148,949	1/4	138,227	1/4	127,506	1/4	116,784	1/4	106,062	1/4	95,340	1/4	84,619	1/4	73,897
1/2		1/2		1/2	148,726	1/2	138,004	1/2	127,282	1/2	116,561	1/2	105,839	1/2	95,117	1/2	84,395	1/2	73,673
3/4		3/4		3/4	148,503	3/4	137,781	3/4	127,059	3/4	116,337	3/4	105,615	3/4	94,894	3/4	84,172	3/4	73,450
7		7		7	148,279	7	137,557	7	126,836	7	116,114	7	105,392	7	94,670	7	83,949	7	73,227
1/4		1/4		1/4	148,056	1/4	137,334	1/4	126,612	1/4	115,890	1/4	105,169	1/4	94,447	1/4	83,725	1/4	73,003
1/2		1/2		1/2	147,832	1/2	137,111	1/2	126,389	1/2	115,667	1/2	104,945	1/2	94,224	1/2	83,502	1/2	72,780
3/4		3/4		3/4	147,609	3/4	136,887	3/4	126,165	3/4	115,444	3/4	104,722	3/4	94,000	3/4	83,278	3/4	72,557
8		8		8	147,386	8	136,664	8	125,942	8	115,220	8	104,499	8	93,777	8	83,055	8	72,333
1/4		1/4		1/4	147,162	1/4	136,441	1/4	125,719	1/4	114,997	1/4	104,275	1/4	93,553	1/4	82,832	1/4	72,110
1/2		1/2		1/2	146,939	1/2	136,217	1/2	125,495	1/2	114,774	1/2	104,052	1/2	93,330	1/2	82,608	1/2	71,887
3/4		3/4		3/4	146,716	3/4	135,994	3/4	125,272	3/4	114,550	3/4	103,828	3/4	93,107	3/4	82,385	3/4	71,663
9		9		9	146,492	9	135,770	9	125,049	9	114,327	9	103,605	9	92,883	9	82,162	9	71,440
1/4		1/4		1/4	146,269	1/4	135,547	1/4	124,825	1/4	114,103	1/4	103,382	1/4	92,660	1/4	81,938	1/4	71,216
1/2		1/2		1/2	146,045	1/2	135,324	1/2	124,602	1/2	113,880	1/2	103,158	1/2	92,437	1/2	81,715	1/2	70,993
3/4		3/4		3/4	145,822	3/4	135,100	3/4	124,379	3/4	113,657	3/4	102,935	3/4	92,213	3/4	81,491	3/4	70,770
10		10		10	145,599	10	134,877	10	124,155	10	113,433	10	102,712	10	91,990	10	81,268	10	70,546
1/4		1/4		1/4	145,375	1/4	134,654	1/4	123,932	1/4	113,210	1/4	102,488	1/4	91,766	1/4	81,045	1/4	70,323
1/2		1/2		1/2	145,152	1/2	134,430	1/2	123,708	1/2	112,987	1/2	102,265	1/2	91,543	1/2	80,821	1/2	70,100
3/4		3/4		3/4	144,929	3/4	134,207	3/4	123,485	3/4	112,763	3/4	102,042	3/4	91,320	3/4	80,598	3/4	69,876
11		11		11	144,705	11	133,983	11	123,262	11	112,540	11	101,818	11	91,096	11	80,375	11	69,653
1/4		1/4		1/4	144,482	1/4	133,760	1/4	123,038	1/4	112,317	1/4	101,595	1/4	90,873	1/4	80,151	1/4	69,429
1/2		1/2		1/2	144,258	1/2	133,537	1/2	122,815	1/2	112,093	1/2	101,371	1/2	90,650	1/2	79,928	1/2	69,206
3/4		3/4		3/4	144,035	3/4	133,313	3/4	122,592	3/4	111,870	3/4	101,148	3/4	90,426	3/4	79,704	3/4	68,983

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 22'-09" FORWARD OF AFT BULKHEAD

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

Precision Measurement & Analysis, Inc.



BARGE "CBC 1010"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,759	0	58,038	0	47,316	0	36,594	0	25,904	0	15,184	0	4,472	0		0			
1/4	68,536	1/4	57,814	1/4	47,092	1/4	36,371	1/4	25,681	1/4	14,961	1/4	4,251	1/4		1/4			
1/2	68,313	1/2	57,591	1/2	46,869	1/2	36,147	1/2	25,458	1/2	14,738	1/2	4,030	1/2		1/2			
3/4	68,089	3/4	57,367	3/4	46,646	3/4	35,924	3/4	25,235	3/4	14,514	3/4	3,809	3/4		3/4			
1	67,866	1	57,144	1	46,422	1	35,701	1	25,012	1	14,291	1	3,588	1		1			
1/4	67,642	1/4	56,921	1/4	46,199	1/4	35,477	1/4	24,789	1/4	14,068	1/4	3,370	1/4		1/4			
1/2	67,419	1/2	56,697	1/2	45,976	1/2	35,254	1/2	24,565	1/2	13,844	1/2	3,151	1/2		1/2			
3/4	67,196	3/4	56,474	3/4	45,752	3/4	35,030	3/4	24,342	3/4	13,621	3/4	2,932	3/4		3/4			
2	66,972	2	56,251	2	45,529	2	34,807	2	24,119	2	13,397	2	2,713	2		2			
1/4	66,749	1/4	56,027	1/4	45,305	1/4	34,584	1/4	23,895	1/4	13,174	1/4	2,509	1/4		1/4			
1/2	66,526	1/2	55,804	1/2	45,082	1/2	34,360	1/2	23,672	1/2	12,951	1/2	2,304	1/2		1/2			
3/4	66,302	3/4	55,581	3/4	44,859	3/4	34,137	3/4	23,449	3/4	12,727	3/4	2,100	3/4		3/4			
3	66,079	3	55,357	3	44,635	3	33,914	3	23,225	3	12,504	3	1,896	3		3			
1/4	65,856	1/4	55,134	1/4	44,412	1/4	33,691	1/4	23,002	1/4	12,281	1/4	1,729	1/4		1/4			
1/2	65,632	1/2	54,910	1/2	44,189	1/2	33,469	1/2	22,779	1/2	12,057	1/2	1,561	1/2		1/2			
3/4	65,409	3/4	54,687	3/4	43,965	3/4	33,246	3/4	22,555	3/4	11,834	3/4	1,394	3/4		3/4			
4	65,185	4	54,464	4	43,742	4	33,024	4	22,332	4	11,611	4	1,226	4		4			
1/4	64,962	1/4	54,240	1/4	43,519	1/4	32,801	1/4	22,109	1/4	11,387	1/4	1,096	1/4		1/4			
1/2	64,739	1/2	54,017	1/2	43,295	1/2	32,579	1/2	21,885	1/2	11,164	1/2	965	1/2		1/2			
3/4	64,515	3/4	53,794	3/4	43,072	3/4	32,356	3/4	21,662	3/4	10,940	3/4	835	3/4		3/4			
5	64,292	5	53,570	5	42,848	5	32,134	5	21,438	5	10,717	5	705	5		5			
1/4	64,069	1/4	53,347	1/4	42,625	1/4	31,912	1/4	21,215	1/4	10,494	1/4	612	1/4		1/4			
1/2	63,845	1/2	53,123	1/2	42,402	1/2	31,689	1/2	20,992	1/2	10,270	1/2	519	1/2		1/2			
3/4	63,622	3/4	52,900	3/4	42,178	3/4	31,467	3/4	20,768	3/4	10,047	3/4	426	3/4		3/4			
6	63,398	6	52,677	6	41,955	6	31,244	6	20,545	6	9,824	6	333	6		6			
1/4	63,175	1/4	52,453	1/4	41,732	1/4	31,022	1/4	20,322	1/4	9,600	1/4	277	1/4		1/4			
1/2	62,952	1/2	52,230	1/2	41,508	1/2	30,799	1/2	20,098	1/2	9,377	1/2	221	1/2		1/2			
3/4	62,728	3/4	52,007	3/4	41,285	3/4	30,577	3/4	19,875	3/4	9,154	3/4	165	3/4		3/4			
7	62,505	7	51,783	7	41,061	7	30,354	7	19,652	7	8,930	7	109	7		7			
1/4	62,282	1/4	51,560	1/4	40,838	1/4	30,132	1/4	19,428	1/4	8,707	1/4	91	1/4		1/4			
1/2	62,058	1/2	51,336	1/2	40,615	1/2	29,909	1/2	19,205	1/2	8,483	1/2	72	1/2		1/2			
3/4	61,835	3/4	51,113	3/4	40,391	3/4	29,687	3/4	18,981	3/4	8,260	3/4	54	3/4		3/4			
8	61,611	8	50,890	8	40,168	8	29,465	8	18,758	8	8,037	8	35	8		8			
1/4	61,388	1/4	50,666	1/4	39,945	1/4	29,242	1/4	18,535	1/4	7,813	1/4		1/4		1/4			
1/2	61,165	1/2	50,443	1/2	39,721	1/2	29,020	1/2	18,311	1/2	7,590	1/2		1/2		1/2			
3/4	60,941	3/4	50,220	3/4	39,498	3/4	28,797	3/4	18,088	3/4	7,367	3/4		3/4		3/4			
9	60,718	9	49,996	9	39,274	9	28,575	9	17,865	9	7,143	9		9		9			
1/4	60,495	1/4	49,773	1/4	39,051	1/4	28,352	1/4	17,641	1/4	6,920	1/4		1/4		1/4			
1/2	60,271	1/2	49,550	1/2	38,828	1/2	28,130	1/2	17,418	1/2	6,697	1/2		1/2		1/2			
3/4	60,048	3/4	49,326	3/4	38,604	3/4	27,907	3/4	17,195	3/4	6,474	3/4		3/4		3/4			
10	59,825	10	49,103	10	38,381	10	27,685	10	16,971	10	6,251	10		10		10			
1/4	59,601	1/4	48,879	1/4	38,158	1/4	27,462	1/4	16,748	1/4	6,028	1/4		1/4		1/4			
1/2	59,378	1/2	48,656	1/2	37,934	1/2	27,240	1/2	16,524	1/2	5,805	1/2		1/2		1/2			
3/4	59,154	3/4	48,433	3/4	37,711	3/4	27,018	3/4	16,301	3/4	5,583	3/4		3/4		3/4			
11	58,931	11	48,209	11	37,488	11	26,795	11	16,078	11	5,360	11		11		11			
1/4	58,708	1/4	47,986	1/4	37,264	1/4	26,572	1/4	15,854	1/4	5,138	1/4		1/4		1/4			
1/2	58,484	1/2	47,763	1/2	37,041	1/2	26,349	1/2	15,631	1/2	4,916	1/2		1/2		1/2			
3/4	58,261	3/4	47,539	3/4	36,817	3/4	26,127	3/4	15,408	3/4	4,694	3/4		3/4		3/4			

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PRINTED: 04/28/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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