



BARGE "CBC 1705"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	01-7/8	- 01-7/8
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	00-3/8	- 00-3/8
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	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-1/4	01-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 162'-03"

October 24, 2019

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

<http://www.pmacorp.net>



BARGE "CBC 1705"

1 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	15,800	0	34,724	0	53,486	0	72,293	0	91,187	0	110,080	0	128,950	0	147,849	0	166,748
1/4	89	1/4	16,195	1/4	35,118	1/4	53,874	1/4	72,687	1/4	91,580	1/4	110,473	1/4	129,344	1/4	148,243	1/4	167,142
1/2	138	1/2	16,589	1/2	35,511	1/2	54,262	1/2	73,080	1/2	91,974	1/2	110,866	1/2	129,738	1/2	148,637	1/2	167,536
3/4	187	3/4	16,983	3/4	35,905	3/4	54,650	3/4	73,474	3/4	92,367	3/4	111,259	3/4	130,131	3/4	149,031	3/4	167,930
1	237	1	17,377	1	36,299	1	55,038	1	73,868	1	92,761	1	111,652	1	130,525	1	149,424	1	168,323
1/4	384	1/4	17,772	1/4	36,693	1/4	55,426	1/4	74,261	1/4	93,155	1/4	112,045	1/4	130,919	1/4	149,818	1/4	168,716
1/2	532	1/2	18,166	1/2	37,086	1/2	55,814	1/2	74,655	1/2	93,548	1/2	112,438	1/2	131,312	1/2	150,212	1/2	169,110
3/4	680	3/4	18,560	3/4	37,480	3/4	56,202	3/4	75,048	3/4	93,942	3/4	112,831	3/4	131,706	3/4	150,605	3/4	169,503
2	828	2	18,954	2	37,874	2	56,590	2	75,442	2	94,335	2	113,224	2	132,100	2	150,999	2	169,896
1/4	1,074	1/4	19,349	1/4	38,268	1/4	56,979	1/4	75,836	1/4	94,729	1/4	113,617	1/4	132,494	1/4	151,393	1/4	170,289
1/2	1,321	1/2	19,743	1/2	38,662	1/2	57,367	1/2	76,229	1/2	95,123	1/2	114,010	1/2	132,887	1/2	151,787	1/2	170,683
3/4	1,567	3/4	20,137	3/4	39,055	3/4	57,755	3/4	76,623	3/4	95,516	3/4	114,403	3/4	133,281	3/4	152,180	3/4	171,076
3	1,814	3	20,532	3	39,449	3	58,144	3	77,016	3	95,910	3	114,796	3	133,675	3	152,574	3	171,469
1/4	2,159	1/4	20,926	1/4	39,843	1/4	58,532	1/4	77,410	1/4	96,303	1/4	115,189	1/4	134,069	1/4	152,968	1/4	171,862
1/2	2,504	1/2	21,320	1/2	40,237	1/2	58,921	1/2	77,804	1/2	96,697	1/2	115,582	1/2	134,462	1/2	153,362	1/2	172,256
3/4	2,848	3/4	21,714	3/4	40,631	3/4	59,309	3/4	78,197	3/4	97,091	3/4	115,975	3/4	134,856	3/4	153,755	3/4	172,649
4	3,193	4	22,109	4	41,024	4	59,697	4	78,591	4	97,484	4	116,368	4	135,250	4	154,149	4	173,042
1/4	3,586	1/4	22,503	1/4	41,418	1/4	60,091	1/4	78,984	1/4	97,878	1/4	116,761	1/4	135,644	1/4	154,543	1/4	173,435
1/2	3,978	1/2	22,897	1/2	41,812	1/2	60,485	1/2	79,378	1/2	98,272	1/2	117,154	1/2	136,037	1/2	154,937	1/2	173,829
3/4	4,370	3/4	23,292	3/4	42,206	3/4	60,878	3/4	79,772	3/4	98,665	3/4	117,547	3/4	136,431	3/4	155,330	3/4	174,222
5	4,763	5	23,686	5	42,600	5	61,272	5	80,165	5	99,059	5	117,940	5	136,825	5	155,724	5	174,615
1/4	5,157	1/4	24,080	1/4	42,993	1/4	61,666	1/4	80,559	1/4	99,452	1/4	118,333	1/4	137,218	1/4	156,118	1/4	175,008
1/2	5,550	1/2	24,474	1/2	43,387	1/2	62,059	1/2	80,953	1/2	99,846	1/2	118,726	1/2	137,612	1/2	156,511	1/2	175,401
3/4	5,944	3/4	24,869	3/4	43,781	3/4	62,453	3/4	81,346	3/4	100,240	3/4	119,119	3/4	138,006	3/4	156,905	3/4	175,795
6	6,338	6	25,263	6	44,175	6	62,846	6	81,740	6	100,633	6	119,512	6	138,400	6	157,299	6	176,188
1/4	6,732	1/4	25,657	1/4	44,563	1/4	63,240	1/4	82,133	1/4	101,027	1/4	119,905	1/4	138,793	1/4	157,693	1/4	176,581
1/2	7,126	1/2	26,052	1/2	44,951	1/2	63,634	1/2	82,527	1/2	101,420	1/2	120,298	1/2	139,187	1/2	158,086	1/2	176,974
3/4	7,520	3/4	26,446	3/4	45,339	3/4	64,027	3/4	82,921	3/4	101,814	3/4	120,691	3/4	139,581	3/4	158,480	3/4	177,368
7	7,915	7	26,840	7	45,727	7	64,421	7	83,314	7	102,208	7	121,084	7	139,975	7	158,874	7	177,761
1/4	8,309	1/4	27,234	1/4	46,115	1/4	64,814	1/4	83,708	1/4	102,601	1/4	121,477	1/4	140,368	1/4	159,268	1/4	178,106
1/2	8,703	1/2	27,629	1/2	46,503	1/2	65,208	1/2	84,101	1/2	102,995	1/2	121,870	1/2	140,762	1/2	159,661	1/2	178,452
3/4	9,097	3/4	28,023	3/4	46,891	3/4	65,602	3/4	84,495	3/4	103,389	3/4	122,263	3/4	141,156	3/4	160,055	3/4	178,797
8	9,492	8	28,417	8	47,279	8	65,995	8	84,889	8	103,782	8	122,656	8	141,550	8	160,449	8	179,143
1/4	9,886	1/4	28,812	1/4	47,667	1/4	66,389	1/4	85,282	1/4	104,176	1/4	123,049	1/4	141,943	1/4	160,843	1/4	179,488
1/2	10,280	1/2	29,206	1/2	48,055	1/2	66,782	1/2	85,676	1/2	104,569	1/2	123,442	1/2	142,337	1/2	161,236	1/2	179,833
3/4	10,675	3/4	29,600	3/4	48,442	3/4	67,176	3/4	86,070	3/4	104,963	3/4	123,835	3/4	142,731	3/4	161,630	3/4	180,179
9	11,069	9	29,994	9	48,830	9	67,570	9	86,463	9	105,357	9	124,228	9	143,124	9	162,024	9	180,524
1/4	11,463	1/4	30,389	1/4	49,218	1/4	67,963	1/4	86,857	1/4	105,750	1/4	124,621	1/4	143,518	1/4	162,417	1/4	180,870
1/2	11,857	1/2	30,783	1/2	49,606	1/2	68,357	1/2	87,250	1/2	106,144	1/2	125,014	1/2	143,912	1/2	162,811	1/2	181,215
3/4	12,252	3/4	31,177	3/4	49,994	3/4	68,751	3/4	87,644	3/4	106,537	3/4	125,407	3/4	144,306	3/4	163,205	3/4	181,561
10	12,646	10	31,571	10	50,382	10	69,144	10	88,038	10	106,931	10	125,800	10	144,699	10	163,599	10	181,906
1/4	13,040	1/4	31,966	1/4	50,770	1/4	69,538	1/4	88,431	1/4	107,325	1/4	126,194	1/4	145,093	1/4	163,992	1/4	182,251
1/2	13,435	1/2	32,360	1/2	51,158	1/2	69,931	1/2	88,825	1/2	107,718	1/2	126,588	1/2	145,487	1/2	164,386	1/2	182,597
3/4	13,829	3/4	32,754	3/4	51,546	3/4	70,325	3/4	89,218	3/4	108,112	3/4	126,981	3/4	145,881	3/4	164,780	3/4	182,942
11	14,223	11	33,149	11	51,934	11	70,719	11	89,612	11	108,505	11	127,375	11	146,274	11	165,174	11	183,288
1/4	14,617	1/4	33,542	1/4	52,322	1/4	71,112	1/4	90,006	1/4	108,899	1/4	127,769	1/4	146,668	1/4	165,567	1/4	183,633
1/2	15,012	1/2	33,936	1/2	52,710	1/2	71,506	1/2	90,399	1/2	109,293	1/2	128,163	1/2	147,062	1/2	165,961	1/2	183,978
3/4	15,406	3/4	34,330	3/4	53,098	3/4	71,899	3/4	90,793	3/4	109,686	3/4	128,556	3/4	147,456	3/4	166,355	3/4	184,324

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 1705"

1 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	184,669	0	201,213	0	217,749	0	231,228	0		0		0		0		0		0	
1/4	185,015	1/4	201,557	1/4	218,094	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	185,360	1/2	201,902	1/2	218,438	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	185,706	3/4	202,246	3/4	218,783	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	186,051	1	202,591	1	219,127	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	186,396	1/4	202,935	1/4	219,472	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	186,742	1/2	203,280	1/2	219,816	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	187,087	3/4	203,624	3/4	220,161	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	187,433	2	203,969	2	220,505	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	187,777	1/4	204,313	1/4	220,850	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	188,122	1/2	204,658	1/2	221,194	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	188,466	3/4	205,002	3/4	221,539	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	188,811	3	205,347	3	221,883	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	189,155	1/4	205,691	1/4	222,228	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	189,500	1/2	206,036	1/2	222,572	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	189,844	3/4	206,381	3/4	222,917	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	190,189	4	206,725	4	223,261	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	190,533	1/4	207,070	1/4	223,606	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	190,878	1/2	207,414	1/2	223,950	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	191,222	3/4	207,759	3/4	224,295	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	191,567	5	208,103	5	224,639	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	191,911	1/4	208,448	1/4	224,984	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	192,256	1/2	208,792	1/2	225,328	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	192,600	3/4	209,137	3/4	225,672	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	192,945	6	209,481	6	226,017	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	193,289	1/4	209,826	1/4	226,361	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	193,634	1/2	210,170	1/2	226,705	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	193,978	3/4	210,515	3/4	227,049	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	194,323	7	210,859	7	227,393	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	194,667	1/4	211,204	1/4	227,737	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	195,012	1/2	211,548	1/2	227,998	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	195,356	3/4	211,893	3/4	228,324	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	195,701	8	212,237	8	228,649	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	196,045	1/4	212,582	1/4	228,909	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	196,390	1/2	212,926	1/2	229,169	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	196,734	3/4	213,271	3/4	229,429	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	197,079	9	213,615	9	229,688	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	197,423	1/4	213,960	1/4	229,882	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	197,768	1/2	214,304	1/2	230,077	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	198,112	3/4	214,649	3/4	230,271	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	198,457	10	214,993	10	230,465	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	198,801	1/4	215,338	1/4	230,593	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	199,146	1/2	215,682	1/2	230,721	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	199,490	3/4	216,027	3/4	230,850	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	199,835	11	216,371	11	230,978	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	200,179	1/4	216,716	1/4	231,041	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	200,524	1/2	217,060	1/2	231,103	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	200,868	3/4	217,405	3/4	231,166	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/23/2019 CL
CALCULATED: 10/24/2019 CL
PRINTED: 10/24/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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



BARGE "CBC 1705"

2 PORT 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	752	0	10,993	0	21,514	0	32,002	0	42,521	0	53,043	0	63,564	0	74,086	0	84,607	0	95,127
1/4	889	1/4	11,212	1/4	21,733	1/4	32,221	1/4	42,740	1/4	53,262	1/4	63,783	1/4	74,305	1/4	84,826	1/4	95,347
1/2	1,026	1/2	11,431	1/2	21,952	1/2	32,440	1/2	42,960	1/2	53,481	1/2	64,002	1/2	74,524	1/2	85,045	1/2	95,566
3/4	1,217	3/4	11,650	3/4	22,171	3/4	32,659	3/4	43,179	3/4	53,700	3/4	64,222	3/4	74,743	3/4	85,265	3/4	95,785
1	1,409	1	11,870	1	22,391	1	32,877	1	43,398	1	53,919	1	64,441	1	74,962	1	85,484	1	96,004
1/4	1,601	1/4	12,089	1/4	22,610	1/4	33,096	1/4	43,617	1/4	54,139	1/4	64,660	1/4	75,182	1/4	85,703	1/4	96,223
1/2	1,793	1/2	12,308	1/2	22,829	1/2	33,315	1/2	43,836	1/2	54,358	1/2	64,879	1/2	75,401	1/2	85,922	1/2	96,442
3/4	2,011	3/4	12,527	3/4	23,048	3/4	33,534	3/4	44,056	3/4	54,577	3/4	65,098	3/4	75,620	3/4	86,141	3/4	96,661
2	2,229	2	12,746	2	23,267	2	33,753	2	44,275	2	54,796	2	65,318	2	75,839	2	86,361	2	96,880
1/4	2,447	1/4	12,966	1/4	23,487	1/4	33,972	1/4	44,494	1/4	55,015	1/4	65,537	1/4	76,058	1/4	86,580	1/4	97,099
1/2	2,665	1/2	13,185	1/2	23,706	1/2	34,192	1/2	44,713	1/2	55,235	1/2	65,756	1/2	76,278	1/2	86,799	1/2	97,318
3/4	2,884	3/4	13,404	3/4	23,925	3/4	34,411	3/4	44,932	3/4	55,454	3/4	65,975	3/4	76,497	3/4	87,018	3/4	97,537
3	3,103	3	13,623	3	24,144	3	34,630	3	45,152	3	55,673	3	66,194	3	76,716	3	87,237	3	97,757
1/4	3,322	1/4	13,842	1/4	24,363	1/4	34,849	1/4	45,371	1/4	55,892	1/4	66,414	1/4	76,935	1/4	87,457	1/4	97,976
1/2	3,541	1/2	14,062	1/2	24,583	1/2	35,068	1/2	45,590	1/2	56,111	1/2	66,633	1/2	77,154	1/2	87,676	1/2	98,195
3/4	3,760	3/4	14,281	3/4	24,801	3/4	35,288	3/4	45,809	3/4	56,331	3/4	66,852	3/4	77,374	3/4	87,895	3/4	98,414
4	3,979	4	14,500	4	25,019	4	35,507	4	46,028	4	56,550	4	67,071	4	77,593	4	88,114	4	98,633
1/4	4,198	1/4	14,719	1/4	25,237	1/4	35,726	1/4	46,248	1/4	56,769	1/4	67,290	1/4	77,812	1/4	88,333	1/4	98,852
1/2	4,417	1/2	14,938	1/2	25,455	1/2	35,945	1/2	46,467	1/2	56,988	1/2	67,510	1/2	78,031	1/2	88,553	1/2	99,071
3/4	4,636	3/4	15,157	3/4	25,673	3/4	36,164	3/4	46,686	3/4	57,207	3/4	67,729	3/4	78,250	3/4	88,772	3/4	99,290
5	4,856	5	15,377	5	25,892	5	36,384	5	46,905	5	57,427	5	67,948	5	78,469	5	88,991	5	99,509
1/4	5,075	1/4	15,596	1/4	26,110	1/4	36,603	1/4	47,124	1/4	57,646	1/4	68,167	1/4	78,689	1/4	89,210	1/4	99,728
1/2	5,294	1/2	15,815	1/2	26,328	1/2	36,822	1/2	47,343	1/2	57,865	1/2	68,386	1/2	78,908	1/2	89,429	1/2	99,947
3/4	5,513	3/4	16,034	3/4	26,546	3/4	37,041	3/4	47,563	3/4	58,084	3/4	68,606	3/4	79,127	3/4	89,649	3/4	100,167
6	5,732	6	16,253	6	26,764	6	37,260	6	47,782	6	58,303	6	68,825	6	79,346	6	89,868	6	100,386
1/4	5,952	1/4	16,473	1/4	26,983	1/4	37,480	1/4	48,001	1/4	58,523	1/4	69,044	1/4	79,565	1/4	90,087	1/4	100,605
1/2	6,171	1/2	16,692	1/2	27,201	1/2	37,699	1/2	48,220	1/2	58,742	1/2	69,263	1/2	79,785	1/2	90,306	1/2	100,824
3/4	6,390	3/4	16,911	3/4	27,419	3/4	37,918	3/4	48,439	3/4	58,961	3/4	69,482	3/4	80,004	3/4	90,525	3/4	101,043
7	6,609	7	17,130	7	27,637	7	38,137	7	48,659	7	59,180	7	69,702	7	80,223	7	90,745	7	101,262
1/4	6,828	1/4	17,349	1/4	27,855	1/4	38,356	1/4	48,878	1/4	59,399	1/4	69,921	1/4	80,442	1/4	90,964	1/4	101,481
1/2	7,047	1/2	17,569	1/2	28,074	1/2	38,576	1/2	49,097	1/2	59,619	1/2	70,140	1/2	80,661	1/2	91,183	1/2	101,700
3/4	7,267	3/4	17,788	3/4	28,292	3/4	38,795	3/4	49,316	3/4	59,838	3/4	70,359	3/4	80,881	3/4	91,402	3/4	101,919
8	7,486	8	18,007	8	28,510	8	39,014	8	49,535	8	60,057	8	70,578	8	81,100	8	91,621	8	102,138
1/4	7,705	1/4	18,226	1/4	28,728	1/4	39,233	1/4	49,755	1/4	60,276	1/4	70,798	1/4	81,319	1/4	91,841	1/4	102,358
1/2	7,924	1/2	18,445	1/2	28,946	1/2	39,452	1/2	49,974	1/2	60,495	1/2	71,017	1/2	81,538	1/2	92,060	1/2	102,577
3/4	8,143	3/4	18,664	3/4	29,165	3/4	39,672	3/4	50,193	3/4	60,715	3/4	71,236	3/4	81,757	3/4	92,279	3/4	102,796
9	8,363	9	18,884	9	29,383	9	39,891	9	50,412	9	60,934	9	71,455	9	81,977	9	92,498	9	103,015
1/4	8,582	1/4	19,103	1/4	29,601	1/4	40,110	1/4	50,631	1/4	61,153	1/4	71,674	1/4	82,196	1/4	92,717	1/4	103,234
1/2	8,801	1/2	19,322	1/2	29,819	1/2	40,329	1/2	50,851	1/2	61,372	1/2	71,894	1/2	82,415	1/2	92,937	1/2	103,453
3/4	9,020	3/4	19,541	3/4	30,037	3/4	40,548	3/4	51,070	3/4	61,591	3/4	72,113	3/4	82,634	3/4	93,156	3/4	103,672
10	9,239	10	19,760	10	30,256	10	40,768	10	51,289	10	61,811	10	72,332	10	82,853	10	93,375	10	103,891
1/4	9,459	1/4	19,980	1/4	30,474	1/4	40,987	1/4	51,508	1/4	62,030	1/4	72,551	1/4	83,073	1/4	93,594	1/4	104,110
1/2	9,678	1/2	20,199	1/2	30,692	1/2	41,206	1/2	51,727	1/2	62,249	1/2	72,770	1/2	83,292	1/2	93,813	1/2	104,329
3/4	9,897	3/4	20,418	3/4	30,910	3/4	41,425	3/4	51,947	3/4	62,468	3/4	72,990	3/4	83,511	3/4	94,032	3/4	104,548
11	10,116	11	20,637	11	31,128	11	41,644	11	52,166	11	62,687	11	73,209	11	83,730	11	94,251	11	104,768
1/4	10,335	1/4	20,856	1/4	31,346	1/4	41,864	1/4	52,385	1/4	62,906	1/4	73,428	1/4	83,949	1/4	94,470	1/4	104,987
1/2	10,554	1/2	21,076	1/2	31,565	1/2	42,083	1/2	52,604	1/2	63,126	1/2	73,647	1/2	84,169	1/2	94,689	1/2	105,206
3/4	10,774	3/4	21,295	3/4	31,783	3/4	42,302	3/4	52,823	3/4	63,345	3/4	73,866	3/4	84,388	3/4	94,908	3/4	105,425

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 1705"

2 PORT 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	105,644	0	116,145	0	126,632	0		0		0		0		0		0		0	
1/4	105,863	1/4	116,363	1/4	126,850	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,082	1/2	116,581	1/2	127,069	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,301	3/4	116,800	3/4	127,287	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	106,520	1	117,018	1	127,506	1		1		1		1		1		1		1	
1/4	106,739	1/4	117,237	1/4	127,724	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,958	1/2	117,455	1/2	127,943	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,178	3/4	117,674	3/4	128,161	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	107,397	2	117,892	2	128,380	2		2		2		2		2		2		2	
1/4	107,616	1/4	118,111	1/4	128,598	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,835	1/2	118,329	1/2	128,817	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,054	3/4	118,548	3/4	129,035	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	108,273	3	118,766	3	129,253	3		3		3		3		3		3		3	
1/4	108,492	1/4	118,985	1/4	129,472	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,711	1/2	119,203	1/2	129,690	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,930	3/4	119,422	3/4	129,902	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	109,149	4	119,640	4	130,114	4		4		4		4		4		4		4	
1/4	109,368	1/4	119,859	1/4	130,326	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,588	1/2	120,077	1/2	130,538	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,807	3/4	120,296	3/4	130,718	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	110,026	5	120,514	5	130,898	5		5		5		5		5		5		5	
1/4	110,245	1/4	120,733	1/4	131,079	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,464	1/2	120,951	1/2	131,259	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,682	3/4	121,170	3/4	131,402	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	110,901	6	121,388	6	131,546	6		6		6		6		6		6		6	
1/4	111,119	1/4	121,607	1/4	131,690	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,338	1/2	121,825	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,556	3/4	122,044	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	111,775	7	122,262	7		7		7		7		7		7		7		7	
1/4	111,993	1/4	122,481	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,212	1/2	122,699	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,430	3/4	122,918	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	112,649	8	123,136	8		8		8		8		8		8		8		8	
1/4	112,867	1/4	123,354	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,086	1/2	123,573	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,304	3/4	123,791	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	113,523	9	124,010	9		9		9		9		9		9		9		9	
1/4	113,741	1/4	124,228	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,960	1/2	124,447	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,178	3/4	124,665	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	114,397	10	124,884	10		10		10		10		10		10		10		10	
1/4	114,615	1/4	125,102	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,834	1/2	125,321	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,052	3/4	125,539	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	115,271	11	125,758	11		11		11		11		11		11		11		11	
1/4	115,489	1/4	125,976	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,708	1/2	126,195	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,926	3/4	126,413	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: 10/23/2019 CL
CALCULATED: 10/24/2019 CL
PRINTED: 10/24/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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



BARGE "CBC 1705"

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	10,988	0	21,504	0	31,734	0	42,203	0	52,719	0	63,236	0	73,753	0	84,269	0	94,785
1/4	888	1/4	11,207	1/4	21,723	1/4	31,945	1/4	42,422	1/4	52,938	1/4	63,455	1/4	73,972	1/4	84,488	1/4	95,004
1/2	1,025	1/2	11,426	1/2	21,942	1/2	32,156	1/2	42,641	1/2	53,158	1/2	63,674	1/2	74,191	1/2	84,707	1/2	95,223
3/4	1,217	3/4	11,645	3/4	22,161	3/4	32,367	3/4	42,860	3/4	53,377	3/4	63,893	3/4	74,410	3/4	84,926	3/4	95,442
1	1,408	1	11,864	1	22,380	1	32,578	1	43,079	1	53,596	1	64,112	1	74,629	1	85,146	1	95,661
1/4	1,600	1/4	12,083	1/4	22,599	1/4	32,790	1/4	43,298	1/4	53,815	1/4	64,331	1/4	74,848	1/4	85,365	1/4	95,880
1/2	1,792	1/2	12,302	1/2	22,818	1/2	33,001	1/2	43,517	1/2	54,034	1/2	64,551	1/2	75,067	1/2	85,584	1/2	96,099
3/4	2,010	3/4	12,521	3/4	23,038	3/4	33,220	3/4	43,736	3/4	54,253	3/4	64,770	3/4	75,286	3/4	85,803	3/4	96,318
2	2,228	2	12,740	2	23,257	2	33,439	2	43,956	2	54,472	2	64,989	2	75,505	2	86,022	2	96,537
1/4	2,446	1/4	12,960	1/4	23,476	1/4	33,658	1/4	44,175	1/4	54,691	1/4	65,208	1/4	75,724	1/4	86,241	1/4	96,756
1/2	2,664	1/2	13,179	1/2	23,695	1/2	33,877	1/2	44,394	1/2	54,910	1/2	65,427	1/2	75,944	1/2	86,460	1/2	96,975
3/4	2,883	3/4	13,398	3/4	23,914	3/4	34,096	3/4	44,613	3/4	55,129	3/4	65,646	3/4	76,163	3/4	86,679	3/4	97,194
3	3,101	3	13,617	3	24,133	3	34,315	3	44,832	3	55,349	3	65,865	3	76,382	3	86,898	3	97,413
1/4	3,320	1/4	13,836	1/4	24,352	1/4	34,534	1/4	45,051	1/4	55,568	1/4	66,084	1/4	76,601	1/4	87,117	1/4	97,632
1/2	3,539	1/2	14,055	1/2	24,571	1/2	34,754	1/2	45,270	1/2	55,787	1/2	66,303	1/2	76,820	1/2	87,336	1/2	97,851
3/4	3,758	3/4	14,274	3/4	24,782	3/4	34,973	3/4	45,489	3/4	56,006	3/4	66,522	3/4	77,039	3/4	87,556	3/4	98,070
4	3,977	4	14,493	4	24,992	4	35,192	4	45,708	4	56,225	4	66,741	4	77,258	4	87,775	4	98,289
1/4	4,196	1/4	14,712	1/4	25,203	1/4	35,411	1/4	45,927	1/4	56,444	1/4	66,961	1/4	77,477	1/4	87,994	1/4	98,508
1/2	4,415	1/2	14,931	1/2	25,414	1/2	35,630	1/2	46,147	1/2	56,663	1/2	67,180	1/2	77,696	1/2	88,213	1/2	98,726
3/4	4,634	3/4	15,150	3/4	25,624	3/4	35,849	3/4	46,366	3/4	56,882	3/4	67,399	3/4	77,915	3/4	88,432	3/4	98,945
5	4,853	5	15,370	5	25,835	5	36,068	5	46,585	5	57,101	5	67,618	5	78,134	5	88,651	5	99,164
1/4	5,072	1/4	15,589	1/4	26,046	1/4	36,287	1/4	46,804	1/4	57,320	1/4	67,837	1/4	78,354	1/4	88,870	1/4	99,383
1/2	5,292	1/2	15,808	1/2	26,256	1/2	36,506	1/2	47,023	1/2	57,539	1/2	68,056	1/2	78,573	1/2	89,089	1/2	99,602
3/4	5,511	3/4	16,027	3/4	26,467	3/4	36,725	3/4	47,242	3/4	57,759	3/4	68,275	3/4	78,792	3/4	89,308	3/4	99,821
6	5,730	6	16,246	6	26,677	6	36,945	6	47,461	6	57,978	6	68,494	6	79,011	6	89,527	6	100,040
1/4	5,949	1/4	16,465	1/4	26,888	1/4	37,164	1/4	47,680	1/4	58,197	1/4	68,713	1/4	79,230	1/4	89,747	1/4	100,259
1/2	6,168	1/2	16,684	1/2	27,099	1/2	37,383	1/2	47,899	1/2	58,416	1/2	68,932	1/2	79,449	1/2	89,966	1/2	100,478
3/4	6,387	3/4	16,903	3/4	27,309	3/4	37,602	3/4	48,118	3/4	58,635	3/4	69,152	3/4	79,668	3/4	90,185	3/4	100,697
7	6,606	7	17,122	7	27,520	7	37,821	7	48,337	7	58,854	7	69,371	7	79,887	7	90,404	7	100,916
1/4	6,825	1/4	17,341	1/4	27,731	1/4	38,040	1/4	48,557	1/4	59,073	1/4	69,590	1/4	80,106	1/4	90,623	1/4	101,135
1/2	7,044	1/2	17,560	1/2	27,941	1/2	38,259	1/2	48,776	1/2	59,292	1/2	69,809	1/2	80,325	1/2	90,842	1/2	101,354
3/4	7,263	3/4	17,779	3/4	28,152	3/4	38,478	3/4	48,995	3/4	59,511	3/4	70,028	3/4	80,545	3/4	91,061	3/4	101,573
8	7,482	8	17,999	8	28,362	8	38,697	8	49,214	8	59,730	8	70,247	8	80,764	8	91,280	8	101,792
1/4	7,701	1/4	18,218	1/4	28,573	1/4	38,916	1/4	49,433	1/4	59,950	1/4	70,466	1/4	80,983	1/4	91,499	1/4	102,011
1/2	7,921	1/2	18,437	1/2	28,784	1/2	39,135	1/2	49,652	1/2	60,169	1/2	70,685	1/2	81,202	1/2	91,718	1/2	102,230
3/4	8,140	3/4	18,656	3/4	28,994	3/4	39,355	3/4	49,871	3/4	60,388	3/4	70,904	3/4	81,421	3/4	91,937	3/4	102,449
9	8,359	9	18,875	9	29,205	9	39,574	9	50,090	9	60,607	9	71,123	9	81,640	9	92,157	9	102,668
1/4	8,578	1/4	19,094	1/4	29,416	1/4	39,793	1/4	50,309	1/4	60,826	1/4	71,342	1/4	81,859	1/4	92,376	1/4	102,887
1/2	8,797	1/2	19,313	1/2	29,626	1/2	40,012	1/2	50,528	1/2	61,045	1/2	71,562	1/2	82,078	1/2	92,595	1/2	103,106
3/4	9,016	3/4	19,532	3/4	29,837	3/4	40,231	3/4	50,748	3/4	61,264	3/4	71,781	3/4	82,297	3/4	92,814	3/4	103,325
10	9,235	10	19,751	10	30,047	10	40,450	10	50,967	10	61,483	10	72,000	10	82,516	10	93,033	10	103,544
1/4	9,454	1/4	19,970	1/4	30,258	1/4	40,669	1/4	51,186	1/4	61,702	1/4	72,219	1/4	82,735	1/4	93,252	1/4	103,763
1/2	9,673	1/2	20,189	1/2	30,469	1/2	40,888	1/2	51,405	1/2	61,921	1/2	72,438	1/2	82,955	1/2	93,471	1/2	103,982
3/4	9,892	3/4	20,408	3/4	30,679	3/4	41,107	3/4	51,624	3/4	62,140	3/4	72,657	3/4	83,174	3/4	93,690	3/4	104,201
11	10,111	11	20,628	11	30,890	11	41,326	11	51,843	11	62,360	11	72,876	11	83,393	11	93,909	11	104,420
1/4	10,331	1/4	20,847	1/4	31,101	1/4	41,546	1/4	52,062	1/4	62,579	1/4	73,095	1/4	83,612	1/4	94,128	1/4	104,639
1/2	10,550	1/2	21,066	1/2	31,311	1/2	41,765	1/2	52,281	1/2	62,798	1/2	73,314	1/2	83,831	1/2	94,347	1/2	104,858
3/4	10,769	3/4	21,285	3/4	31,522	3/4	41,984	3/4	52,500	3/4	63,017	3/4	73,533	3/4	84,050	3/4	94,566	3/4	105,077

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
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BARGE "CBC 1705"

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	105,296	0	115,792	0	126,274	0		0		0		0		0		0		0	
1/4	105,515	1/4	116,010	1/4	126,493	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	105,734	1/2	116,229	1/2	126,711	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105,953	3/4	116,447	3/4	126,929	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	106,172	1	116,665	1	127,148	1		1		1		1		1		1		1	
1/4	106,391	1/4	116,884	1/4	127,366	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,610	1/2	117,102	1/2	127,585	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,829	3/4	117,321	3/4	127,803	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	107,048	2	117,539	2	128,021	2		2		2		2		2		2		2	
1/4	107,267	1/4	117,757	1/4	128,240	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,486	1/2	117,976	1/2	128,458	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,705	3/4	118,194	3/4	128,676	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	107,924	3	118,413	3	128,895	3		3		3		3		3		3		3	
1/4	108,143	1/4	118,631	1/4	129,113	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,362	1/2	118,849	1/2	129,331	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,581	3/4	119,068	3/4	129,543	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	108,800	4	119,286	4	129,755	4		4		4		4		4		4		4	
1/4	109,019	1/4	119,504	1/4	129,967	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,238	1/2	119,723	1/2	130,179	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,457	3/4	119,941	3/4	130,359	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	109,676	5	120,160	5	130,539	5		5		5		5		5		5		5	
1/4	109,895	1/4	120,378	1/4	130,719	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,114	1/2	120,596	1/2	130,899	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,332	3/4	120,815	3/4	131,043	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	110,551	6	121,033	6	131,186	6		6		6		6		6		6		6	
1/4	110,769	1/4	121,252	1/4	131,330	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,988	1/2	121,470	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,206	3/4	121,688	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	111,424	7	121,907	7		7		7		7		7		7		7		7	
1/4	111,643	1/4	122,125	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,861	1/2	122,343	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,079	3/4	122,562	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	112,298	8	122,780	8		8		8		8		8		8		8		8	
1/4	112,516	1/4	122,999	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,735	1/2	123,217	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,953	3/4	123,435	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	113,171	9	123,654	9		9		9		9		9		9		9		9	
1/4	113,390	1/4	123,872	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,608	1/2	124,090	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,827	3/4	124,309	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	114,045	10	124,527	10		10		10		10		10		10		10		10	
1/4	114,263	1/4	124,746	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,482	1/2	124,964	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,700	3/4	125,182	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	114,918	11	125,401	11		11		11		11		11		11		11		11	
1/4	115,137	1/4	125,619	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,355	1/2	125,838	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,574	3/4	126,056	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: 10/23/2019 CL
CALCULATED: 10/24/2019 CL
PRINTED: 10/24/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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



BARGE "CBC 1705"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	15,600	0	34,286	0	52,952	0	71,628	0	90,314	0	109,000	0	127,686	0	146,371	0	165,056
1/4	88	1/4	15,989	1/4	34,675	1/4	53,341	1/4	72,018	1/4	90,704	1/4	109,390	1/4	128,075	1/4	146,760	1/4	165,445
1/2	137	1/2	16,379	1/2	35,064	1/2	53,729	1/2	72,407	1/2	91,093	1/2	109,779	1/2	128,465	1/2	147,150	1/2	165,834
3/4	185	3/4	16,768	3/4	35,454	3/4	54,117	3/4	72,796	3/4	91,482	3/4	110,168	3/4	128,854	3/4	147,539	3/4	166,223
1	234	1	17,157	1	35,843	1	54,506	1	73,186	1	91,871	1	110,557	1	129,243	1	147,928	1	166,613
1/4	380	1/4	17,547	1/4	36,232	1/4	54,894	1/4	73,575	1/4	92,261	1/4	110,947	1/4	129,633	1/4	148,318	1/4	167,002
1/2	526	1/2	17,936	1/2	36,621	1/2	55,283	1/2	73,964	1/2	92,650	1/2	111,336	1/2	130,022	1/2	148,707	1/2	167,391
3/4	672	3/4	18,325	3/4	37,011	3/4	55,671	3/4	74,353	3/4	93,039	3/4	111,725	3/4	130,411	3/4	149,096	3/4	167,780
2	818	2	18,714	2	37,400	2	56,060	2	74,743	2	93,429	2	112,115	2	130,800	2	149,485	2	168,169
1/4	1,061	1/4	19,104	1/4	37,789	1/4	56,449	1/4	75,132	1/4	93,818	1/4	112,504	1/4	131,190	1/4	149,875	1/4	168,558
1/2	1,304	1/2	19,493	1/2	38,179	1/2	56,838	1/2	75,521	1/2	94,207	1/2	112,893	1/2	131,579	1/2	150,264	1/2	168,947
3/4	1,548	3/4	19,882	3/4	38,568	3/4	57,227	3/4	75,911	3/4	94,597	3/4	113,282	3/4	131,968	3/4	150,653	3/4	169,336
3	1,791	3	20,272	3	38,957	3	57,615	3	76,300	3	94,986	3	113,672	3	132,357	3	151,042	3	169,725
1/4	2,132	1/4	20,661	1/4	39,346	1/4	58,004	1/4	76,689	1/4	95,375	1/4	114,061	1/4	132,747	1/4	151,432	1/4	170,114
1/2	2,472	1/2	21,050	1/2	39,736	1/2	58,393	1/2	77,078	1/2	95,764	1/2	114,450	1/2	133,136	1/2	151,821	1/2	170,503
3/4	2,813	3/4	21,439	3/4	40,125	3/4	58,782	3/4	77,468	3/4	96,154	3/4	114,840	3/4	133,525	3/4	152,210	3/4	170,893
4	3,153	4	21,829	4	40,514	4	59,171	4	77,857	4	96,543	4	115,229	4	133,915	4	152,600	4	171,282
1/4	3,541	1/4	22,218	1/4	40,903	1/4	59,560	1/4	78,246	1/4	96,932	1/4	115,618	1/4	134,304	1/4	152,989	1/4	171,671
1/2	3,928	1/2	22,607	1/2	41,293	1/2	59,950	1/2	78,636	1/2	97,322	1/2	116,008	1/2	134,693	1/2	153,378	1/2	172,060
3/4	4,315	3/4	22,997	3/4	41,682	3/4	60,339	3/4	79,025	3/4	97,711	3/4	116,397	3/4	135,082	3/4	153,767	3/4	172,449
5	4,703	5	23,386	5	42,071	5	60,728	5	79,414	5	98,100	5	116,786	5	135,472	5	154,157	5	172,838
1/4	5,092	1/4	23,775	1/4	42,461	1/4	61,118	1/4	79,803	1/4	98,489	1/4	117,175	1/4	135,861	1/4	154,546	1/4	173,227
1/2	5,480	1/2	24,164	1/2	42,850	1/2	61,507	1/2	80,193	1/2	98,879	1/2	117,565	1/2	136,250	1/2	154,935	1/2	173,616
3/4	5,869	3/4	24,554	3/4	43,239	3/4	61,896	3/4	80,582	3/4	99,268	3/4	117,954	3/4	136,639	3/4	155,324	3/4	174,005
6	6,258	6	24,943	6	43,628	6	62,285	6	80,971	6	99,657	6	118,343	6	137,029	6	155,714	6	174,394
1/4	6,647	1/4	25,332	1/4	44,017	1/4	62,675	1/4	81,361	1/4	100,047	1/4	118,733	1/4	137,418	1/4	156,103	1/4	174,783
1/2	7,036	1/2	25,722	1/2	44,405	1/2	63,064	1/2	81,750	1/2	100,436	1/2	119,122	1/2	137,807	1/2	156,492	1/2	175,172
3/4	7,425	3/4	26,111	3/4	44,794	3/4	63,453	3/4	82,139	3/4	100,825	3/4	119,511	3/4	138,197	3/4	156,881	3/4	175,562
7	7,815	7	26,500	7	45,182	7	63,843	7	82,529	7	101,214	7	119,900	7	138,586	7	157,271	7	175,951
1/4	8,204	1/4	26,889	1/4	45,571	1/4	64,232	1/4	82,918	1/4	101,604	1/4	120,290	1/4	138,975	1/4	157,660	1/4	176,340
1/2	8,593	1/2	27,279	1/2	45,959	1/2	64,621	1/2	83,307	1/2	101,993	1/2	120,679	1/2	139,364	1/2	158,049	1/2	176,729
3/4	8,982	3/4	27,668	3/4	46,348	3/4	65,010	3/4	83,696	3/4	102,382	3/4	121,068	3/4	139,754	3/4	158,439	3/4	177,118
8	9,372	8	28,057	8	46,736	8	65,400	8	84,086	8	102,772	8	121,458	8	140,143	8	158,828	8	177,507
1/4	9,761	1/4	28,446	1/4	47,125	1/4	65,789	1/4	84,475	1/4	103,161	1/4	121,847	1/4	140,532	1/4	159,217	1/4	177,896
1/2	10,150	1/2	28,836	1/2	47,513	1/2	66,178	1/2	84,864	1/2	103,550	1/2	122,236	1/2	140,921	1/2	159,606	1/2	178,285
3/4	10,540	3/4	29,225	3/4	47,902	3/4	66,568	3/4	85,254	3/4	103,939	3/4	122,625	3/4	141,311	3/4	159,996	3/4	178,674
9	10,929	9	29,614	9	48,290	9	66,957	9	85,643	9	104,329	9	123,015	9	141,700	9	160,385	9	179,063
1/4	11,318	1/4	30,004	1/4	48,679	1/4	67,346	1/4	86,032	1/4	104,718	1/4	123,404	1/4	142,089	1/4	160,774	1/4	179,452
1/2	11,707	1/2	30,393	1/2	49,067	1/2	67,735	1/2	86,421	1/2	105,107	1/2	123,793	1/2	142,478	1/2	161,163	1/2	179,842
3/4	12,097	3/4	30,782	3/4	49,456	3/4	68,125	3/4	86,811	3/4	105,497	3/4	124,183	3/4	142,868	3/4	161,553	3/4	180,231
10	12,486	10	31,171	10	49,844	10	68,514	10	87,200	10	105,886	10	124,572	10	143,257	10	161,942	10	180,620
1/4	12,875	1/4	31,561	1/4	50,233	1/4	68,903	1/4	87,589	1/4	106,275	1/4	124,961	1/4	143,646	1/4	162,331	1/4	181,009
1/2	13,265	1/2	31,950	1/2	50,621	1/2	69,293	1/2	87,979	1/2	106,665	1/2	125,350	1/2	144,036	1/2	162,721	1/2	181,398
3/4	13,654	3/4	32,339	3/4	51,010	3/4	69,682	3/4	88,368	3/4	107,054	3/4	125,740	3/4	144,425	3/4	163,110	3/4	181,787
11	14,043	11	32,729	11	51,398	11	70,071	11	88,757	11	107,443	11	126,129	11	144,814	11	163,499	11	182,176
1/4	14,432	1/4	33,118	1/4	51,787	1/4	70,461	1/4	89,146	1/4	107,832	1/4	126,518	1/4	145,203	1/4	163,888	1/4	182,565
1/2	14,822	1/2	33,507	1/2	52,175	1/2	70,850	1/2	89,536	1/2	108,222	1/2	126,908	1/2	145,593	1/2	164,278	1/2	182,954
3/4	15,211	3/4	33,896	3/4	52,564	3/4	71,239	3/4	89,925	3/4	108,611	3/4	127,297	3/4	145,982	3/4	164,667	3/4	183,343

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
& ANALYSIS, INC.

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 Pearland, Texas 77588
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BARGE "CBC 1705"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 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	183,732	0	202,400	0	221,051	0	235,774	0		0		0		0		0		0	
1/4	184,122	1/4	202,789	1/4	221,439	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	184,511	1/2	203,177	1/2	221,828	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	184,900	3/4	203,566	3/4	222,216	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	185,289	1	203,954	1	222,605	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	185,678	1/4	204,343	1/4	222,994	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	186,067	1/2	204,731	1/2	223,382	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	186,456	3/4	205,120	3/4	223,771	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	186,845	2	205,509	2	224,159	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	187,234	1/4	205,897	1/4	224,548	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	187,623	1/2	206,286	1/2	224,936	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	188,012	3/4	206,674	3/4	225,325	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	188,401	3	207,063	3	225,713	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	188,791	1/4	207,451	1/4	226,102	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	189,180	1/2	207,840	1/2	226,491	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	189,569	3/4	208,228	3/4	226,879	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	189,958	4	208,617	4	227,268	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	190,347	1/4	209,006	1/4	227,656	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	190,736	1/2	209,394	1/2	228,045	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	191,125	3/4	209,783	3/4	228,433	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	191,514	5	210,171	5	228,822	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	191,903	1/4	210,560	1/4	229,210	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	192,292	1/2	210,948	1/2	229,599	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	192,681	3/4	211,337	3/4	229,987	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	193,071	6	211,725	6	230,376	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	193,460	1/4	212,114	1/4	230,765	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	193,849	1/2	212,503	1/2	231,155	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	194,238	3/4	212,891	3/4	231,545	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	194,627	7	213,280	7	231,935	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	195,016	1/4	213,668	1/4	232,324	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	195,405	1/2	214,057	1/2	232,713	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	195,794	3/4	214,445	3/4	233,102	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	196,183	8	214,834	8	233,491	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	196,572	1/4	215,222	1/4	233,880	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	196,960	1/2	215,611	1/2	234,269	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	197,349	3/4	216,000	3/4	234,658	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	197,737	9	216,388	9	235,047	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	198,126	1/4	216,777	1/4	235,436	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	198,515	1/2	217,165	1/2	235,825	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	198,903	3/4	217,554	3/4	236,214	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	199,292	10	217,942	10	236,603	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	199,680	1/4	218,331	1/4	236,992	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	200,069	1/2	218,719	1/2	237,381	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	200,457	3/4	219,108	3/4	237,770	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	200,846	11	219,497	11	238,159	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	201,234	1/4	219,885	1/4	238,548	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	201,623	1/2	220,274	1/2	238,937	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	202,012	3/4	220,662	3/4	239,326	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: 10/23/2019 CL
CALCULATED: 10/24/2019 CL
PRINTED: 10/24/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1705"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 01-7/8	01-7/8
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	- 00-3/8	00-3/8
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	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 162'-03"

October 24, 2019

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

<http://www.pmacorp.net>



BARGE "CBC 1705"

1 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	219,127	0	202,591	0	186,051	0	168,323	0	149,424	0	130,525	0	111,652
1/4		1/4		1/4		1/4	218,783	1/4	202,246	1/4	185,706	1/4	167,930	1/4	149,031	1/4	130,131	1/4	111,259
1/2		1/2		1/2		1/2	218,438	1/2	201,902	1/2	185,360	1/2	167,536	1/2	148,637	1/2	129,738	1/2	110,866
3/4		3/4		3/4		3/4	218,094	3/4	201,557	3/4	185,015	3/4	167,142	3/4	148,243	3/4	129,344	3/4	110,473
1		1		1	231,228	1	217,749	1	201,213	1	184,669	1	166,748	1	147,849	1	128,950	1	110,080
1/4		1/4		1/4	231,166	1/4	217,405	1/4	200,868	1/4	184,324	1/4	166,355	1/4	147,456	1/4	128,556	1/4	109,686
1/2		1/2		1/2	231,103	1/2	217,060	1/2	200,524	1/2	183,978	1/2	165,961	1/2	147,062	1/2	128,163	1/2	109,293
3/4		3/4		3/4	231,041	3/4	216,716	3/4	200,179	3/4	183,633	3/4	165,567	3/4	146,668	3/4	127,769	3/4	108,899
2		2		2	230,978	2	216,371	2	199,835	2	183,288	2	165,174	2	146,274	2	127,375	2	108,505
1/4		1/4		1/4	230,850	1/4	216,027	1/4	199,490	1/4	182,942	1/4	164,780	1/4	145,881	1/4	126,981	1/4	108,112
1/2		1/2		1/2	230,721	1/2	215,682	1/2	199,146	1/2	182,597	1/2	164,386	1/2	145,487	1/2	126,588	1/2	107,718
3/4		3/4		3/4	230,593	3/4	215,338	3/4	198,801	3/4	182,251	3/4	163,992	3/4	145,093	3/4	126,194	3/4	107,325
3		3		3	230,465	3	214,993	3	198,457	3	181,906	3	163,599	3	144,699	3	125,800	3	106,931
1/4		1/4		1/4	230,271	1/4	214,649	1/4	198,112	1/4	181,561	1/4	163,205	1/4	144,306	1/4	125,407	1/4	106,537
1/2		1/2		1/2	230,077	1/2	214,304	1/2	197,768	1/2	181,215	1/2	162,811	1/2	143,912	1/2	125,014	1/2	106,144
3/4		3/4		3/4	229,882	3/4	213,960	3/4	197,423	3/4	180,870	3/4	162,417	3/4	143,518	3/4	124,621	3/4	105,750
4		4		4	229,688	4	213,615	4	197,079	4	180,524	4	162,024	4	143,124	4	124,228	4	105,357
1/4		1/4		1/4	229,429	1/4	213,271	1/4	196,734	1/4	180,179	1/4	161,630	1/4	142,731	1/4	123,835	1/4	104,963
1/2		1/2		1/2	229,169	1/2	212,926	1/2	196,390	1/2	179,833	1/2	161,236	1/2	142,337	1/2	123,442	1/2	104,569
3/4		3/4		3/4	228,909	3/4	212,582	3/4	196,045	3/4	179,488	3/4	160,843	3/4	141,943	3/4	123,049	3/4	104,176
5		5		5	228,649	5	212,237	5	195,701	5	179,143	5	160,449	5	141,550	5	122,656	5	103,782
1/4		1/4		1/4	228,324	1/4	211,893	1/4	195,356	1/4	178,797	1/4	160,055	1/4	141,156	1/4	122,263	1/4	103,389
1/2		1/2		1/2	227,998	1/2	211,548	1/2	195,012	1/2	178,452	1/2	159,661	1/2	140,762	1/2	121,870	1/2	102,995
3/4		3/4		3/4	227,673	3/4	211,204	3/4	194,667	3/4	178,106	3/4	159,268	3/4	140,368	3/4	121,477	3/4	102,601
6		6		6	227,347	6	210,859	6	194,323	6	177,761	6	158,874	6	139,975	6	121,084	6	102,208
1/4		1/4		1/4	227,015	1/4	210,515	1/4	193,978	1/4	177,368	1/4	158,480	1/4	139,581	1/4	120,691	1/4	101,814
1/2		1/2		1/2	226,682	1/2	210,170	1/2	193,634	1/2	176,974	1/2	158,086	1/2	139,187	1/2	120,298	1/2	101,420
3/4		3/4		3/4	226,349	3/4	209,826	3/4	193,289	3/4	176,581	3/4	157,693	3/4	138,793	3/4	119,905	3/4	101,027
7		7		7	226,017	7	209,481	7	192,945	7	176,188	7	157,299	7	138,400	7	119,512	7	100,633
1/4		1/4		1/4	225,672	1/4	209,137	1/4	192,600	1/4	175,795	1/4	156,905	1/4	138,006	1/4	119,119	1/4	100,240
1/2		1/2		1/2	225,328	1/2	208,792	1/2	192,256	1/2	175,401	1/2	156,511	1/2	137,612	1/2	118,726	1/2	99,846
3/4		3/4		3/4	224,984	3/4	208,448	3/4	191,911	3/4	175,008	3/4	156,118	3/4	137,218	3/4	118,333	3/4	99,452
8		8		8	224,639	8	208,103	8	191,567	8	174,615	8	155,724	8	136,825	8	117,940	8	99,059
1/4		1/4		1/4	224,295	1/4	207,759	1/4	191,222	1/4	174,222	1/4	155,330	1/4	136,431	1/4	117,547	1/4	98,665
1/2		1/2		1/2	223,950	1/2	207,414	1/2	190,878	1/2	173,829	1/2	154,937	1/2	136,037	1/2	117,154	1/2	98,272
3/4		3/4		3/4	223,606	3/4	207,070	3/4	190,533	3/4	173,435	3/4	154,543	3/4	135,644	3/4	116,761	3/4	97,878
9		9		9	223,261	9	206,725	9	190,189	9	173,042	9	154,149	9	135,250	9	116,368	9	97,484
1/4		1/4		1/4	222,917	1/4	206,381	1/4	189,844	1/4	172,649	1/4	153,755	1/4	134,856	1/4	115,975	1/4	97,091
1/2		1/2		1/2	222,572	1/2	206,036	1/2	189,500	1/2	172,256	1/2	153,362	1/2	134,462	1/2	115,582	1/2	96,697
3/4		3/4		3/4	222,228	3/4	205,691	3/4	189,155	3/4	171,862	3/4	152,968	3/4	134,069	3/4	115,189	3/4	96,303
10		10		10	221,883	10	205,347	10	188,811	10	171,469	10	152,574	10	133,675	10	114,796	10	95,910
1/4		1/4		1/4	221,539	1/4	205,002	1/4	188,466	1/4	171,076	1/4	152,180	1/4	133,281	1/4	114,403	1/4	95,516
1/2		1/2		1/2	221,194	1/2	204,658	1/2	188,122	1/2	170,683	1/2	151,787	1/2	132,887	1/2	114,010	1/2	95,123
3/4		3/4		3/4	220,850	3/4	204,313	3/4	187,777	3/4	170,289	3/4	151,393	3/4	132,494	3/4	113,617	3/4	94,729
11		11		11	220,505	11	203,969	11	187,433	11	169,896	11	150,999	11	132,100	11	113,224	11	94,335
1/4		1/4		1/4	220,161	1/4	203,624	1/4	187,087	1/4	169,503	1/4	150,605	1/4	131,706	1/4	112,831	1/4	93,942
1/2		1/2		1/2	219,816	1/2	203,280	1/2	186,742	1/2	169,110	1/2	150,212	1/2	131,312	1/2	112,438	1/2	93,548
3/4		3/4		3/4	219,472	3/4	202,935	3/4	186,396	3/4	168,716	3/4	149,818	3/4	130,919	3/4	112,045	3/4	93,155

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
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BARGE "CBC 1705"

1 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	92,761	0	73,868	0	55,038	0	36,299	0	17,377	0	237	0		0		0		0	
1/4	92,367	1/4	73,474	1/4	54,650	1/4	35,905	1/4	16,983	1/4	187	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,974	1/2	73,080	1/2	54,262	1/2	35,511	1/2	16,589	1/2	138	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,580	3/4	72,687	3/4	53,874	3/4	35,118	3/4	16,195	3/4	89	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	91,187	1	72,293	1	53,486	1	34,724	1	15,800	1	39	1	1	1	1	1	1	1	1
1/4	90,793	1/4	71,899	1/4	53,098	1/4	34,330	1/4	15,406	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,399	1/2	71,506	1/2	52,710	1/2	33,936	1/2	15,012	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,006	3/4	71,112	3/4	52,322	3/4	33,542	3/4	14,617	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	89,612	2	70,719	2	51,934	2	33,149	2	14,223	2	2	2	2	2	2	2	2	2	2
1/4	89,218	1/4	70,325	1/4	51,546	1/4	32,754	1/4	13,829	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,825	1/2	69,931	1/2	51,158	1/2	32,360	1/2	13,435	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,431	3/4	69,538	3/4	50,770	3/4	31,966	3/4	13,040	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	88,038	3	69,144	3	50,382	3	31,571	3	12,646	3	3	3	3	3	3	3	3	3	3
1/4	87,644	1/4	68,751	1/4	49,994	1/4	31,177	1/4	12,252	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,250	1/2	68,357	1/2	49,606	1/2	30,783	1/2	11,857	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,857	3/4	67,963	3/4	49,218	3/4	30,389	3/4	11,463	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	86,463	4	67,570	4	48,830	4	29,994	4	11,069	4	4	4	4	4	4	4	4	4	4
1/4	86,070	1/4	67,176	1/4	48,442	1/4	29,600	1/4	10,675	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,676	1/2	66,782	1/2	48,055	1/2	29,206	1/2	10,280	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,282	3/4	66,389	3/4	47,667	3/4	28,812	3/4	9,886	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	84,889	5	65,995	5	47,279	5	28,417	5	9,492	5	5	5	5	5	5	5	5	5	5
1/4	84,495	1/4	65,602	1/4	46,891	1/4	28,023	1/4	9,097	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,101	1/2	65,208	1/2	46,503	1/2	27,629	1/2	8,703	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,708	3/4	64,814	3/4	46,115	3/4	27,234	3/4	8,309	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	83,314	6	64,421	6	45,727	6	26,840	6	7,915	6	6	6	6	6	6	6	6	6	6
1/4	82,921	1/4	64,027	1/4	45,339	1/4	26,446	1/4	7,520	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,527	1/2	63,634	1/2	44,951	1/2	26,052	1/2	7,126	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,133	3/4	63,240	3/4	44,563	3/4	25,657	3/4	6,732	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	81,740	7	62,846	7	44,175	7	25,263	7	6,338	7	7	7	7	7	7	7	7	7	7
1/4	81,346	1/4	62,453	1/4	43,781	1/4	24,869	1/4	5,944	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,953	1/2	62,059	1/2	43,387	1/2	24,474	1/2	5,550	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,559	3/4	61,666	3/4	42,993	3/4	24,080	3/4	5,157	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	80,165	8	61,272	8	42,600	8	23,686	8	4,763	8	8	8	8	8	8	8	8	8	8
1/4	79,772	1/4	60,878	1/4	42,206	1/4	23,292	1/4	4,370	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,378	1/2	60,485	1/2	41,812	1/2	22,897	1/2	3,978	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,984	3/4	60,091	3/4	41,418	3/4	22,503	3/4	3,586	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	78,591	9	59,697	9	41,024	9	22,109	9	3,193	9	9	9	9	9	9	9	9	9	9
1/4	78,197	1/4	59,309	1/4	40,631	1/4	21,714	1/4	2,848	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,804	1/2	58,921	1/2	40,237	1/2	21,320	1/2	2,504	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,410	3/4	58,532	3/4	39,843	3/4	20,926	3/4	2,159	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	77,016	10	58,144	10	39,449	10	20,532	10	1,814	10	10	10	10	10	10	10	10	10	10
1/4	76,623	1/4	57,755	1/4	39,055	1/4	20,137	1/4	1,567	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,229	1/2	57,367	1/2	38,662	1/2	19,743	1/2	1,321	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,836	3/4	56,979	3/4	38,268	3/4	19,349	3/4	1,074	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	75,442	11	56,590	11	37,874	11	18,954	11	828	11	11	11	11	11	11	11	11	11	11
1/4	75,048	1/4	56,202	1/4	37,480	1/4	18,560	1/4	680	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,655	1/2	55,814	1/2	37,086	1/2	18,166	1/2	532	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,261	3/4	55,426	3/4	36,693	3/4	17,772	3/4	384	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: 10/23/2019 CL
CALCULATED: 10/24/2019 CL
PRINTED: 10/24/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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



BARGE "CBC 1705"

2 PORT 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	122,044	0	111,556	0	101,043	0	90,525	0	80,004	0	69,482	0	58,961		
1/4		1/4		1/4	121,825	1/4	111,338	1/4	100,824	1/4	90,306	1/4	79,785	1/4	68,263	1/4	57,742		
1/2		1/2		1/2	131,690	1/2	121,607	1/2	111,119	1/2	100,605	1/2	90,087	1/2	79,565	1/2	69,044	1/2	58,523
3/4		3/4		3/4	131,546	3/4	121,388	3/4	110,901	3/4	100,386	3/4	89,868	3/4	79,346	3/4	68,825	3/4	58,303
1	1	1	1	131,402	1	121,170	1	110,682	1	100,167	1	89,649	1	79,127	1	68,606	1	58,084	
1/4		1/4		1/4	131,259	1/4	120,951	1/4	110,464	1/4	99,947	1/4	89,429	1/4	78,908	1/4	68,386	1/4	57,865
1/2		1/2		1/2	131,079	1/2	120,733	1/2	110,245	1/2	99,728	1/2	89,210	1/2	78,689	1/2	68,167	1/2	57,646
3/4		3/4		3/4	130,898	3/4	120,514	3/4	110,026	3/4	99,509	3/4	88,991	3/4	78,469	3/4	67,948	3/4	57,427
2	2	2	2	130,718	2	120,296	2	109,807	2	99,290	2	88,772	2	78,250	2	67,729	2	57,207	
1/4		1/4		1/4	130,538	1/4	120,077	1/4	109,588	1/4	99,071	1/4	88,553	1/4	78,031	1/4	67,510	1/4	56,988
1/2		1/2		1/2	130,326	1/2	119,859	1/2	109,368	1/2	98,852	1/2	88,333	1/2	77,812	1/2	67,290	1/2	56,769
3/4		3/4		3/4	130,114	3/4	119,640	3/4	109,149	3/4	98,633	3/4	88,114	3/4	77,593	3/4	67,071	3/4	56,550
3	3	3	3	129,902	3	119,422	3	108,930	3	98,414	3	87,895	3	77,374	3	66,852	3	56,331	
1/4		1/4		1/4	129,690	1/4	119,203	1/4	108,711	1/4	98,195	1/4	87,676	1/4	77,154	1/4	66,633	1/4	56,111
1/2		1/2		1/2	129,472	1/2	118,985	1/2	108,492	1/2	97,976	1/2	87,457	1/2	76,935	1/2	66,414	1/2	55,892
3/4		3/4		3/4	129,253	3/4	118,766	3/4	108,273	3/4	97,757	3/4	87,237	3/4	76,716	3/4	66,194	3/4	55,673
4	4	4	4	129,035	4	118,548	4	108,054	4	97,537	4	87,018	4	76,497	4	65,975	4	55,454	
1/4		1/4		1/4	128,817	1/4	118,329	1/4	107,835	1/4	97,318	1/4	86,799	1/4	76,278	1/4	65,756	1/4	55,235
1/2		1/2		1/2	128,598	1/2	118,111	1/2	107,616	1/2	97,099	1/2	86,580	1/2	76,058	1/2	65,537	1/2	55,015
3/4		3/4		3/4	128,380	3/4	117,892	3/4	107,397	3/4	96,880	3/4	86,361	3/4	75,839	3/4	65,318	3/4	54,796
5	5	5	5	128,161	5	117,674	5	107,178	5	96,661	5	86,141	5	75,620	5	65,098	5	54,577	
1/4		1/4		1/4	127,943	1/4	117,455	1/4	106,958	1/4	96,442	1/4	85,922	1/4	75,401	1/4	64,879	1/4	54,358
1/2		1/2		1/2	127,724	1/2	117,237	1/2	106,739	1/2	96,223	1/2	85,703	1/2	75,182	1/2	64,660	1/2	54,139
3/4		3/4		3/4	127,506	3/4	117,018	3/4	106,520	3/4	96,004	3/4	85,484	3/4	74,962	3/4	64,441	3/4	53,919
6	6	6	6	127,287	6	116,800	6	106,301	6	95,785	6	85,265	6	74,743	6	64,222	6	53,700	
1/4		1/4		1/4	127,069	1/4	116,581	1/4	106,082	1/4	95,566	1/4	85,045	1/4	74,524	1/4	64,002	1/4	53,481
1/2		1/2		1/2	126,850	1/2	116,363	1/2	105,863	1/2	95,347	1/2	84,826	1/2	74,305	1/2	63,783	1/2	53,262
3/4		3/4		3/4	126,632	3/4	116,145	3/4	105,644	3/4	95,127	3/4	84,607	3/4	74,086	3/4	63,564	3/4	53,043
7	7	7	7	126,413	7	115,926	7	105,425	7	94,908	7	84,388	7	73,866	7	63,345	7	52,823	
1/4		1/4		1/4	126,195	1/4	115,708	1/4	105,206	1/4	94,689	1/4	84,169	1/4	73,647	1/4	63,126	1/4	52,604
1/2		1/2		1/2	125,976	1/2	115,489	1/2	104,987	1/2	94,470	1/2	83,949	1/2	73,428	1/2	62,906	1/2	52,385
3/4		3/4		3/4	125,758	3/4	115,271	3/4	104,768	3/4	94,251	3/4	83,730	3/4	73,209	3/4	62,687	3/4	52,166
8	8	8	8	125,539	8	115,052	8	104,548	8	94,032	8	83,511	8	72,990	8	62,468	8	51,947	
1/4		1/4		1/4	125,321	1/4	114,834	1/4	104,329	1/4	93,813	1/4	83,292	1/4	72,770	1/4	62,249	1/4	51,727
1/2		1/2		1/2	125,102	1/2	114,615	1/2	104,110	1/2	93,594	1/2	83,073	1/2	72,551	1/2	62,030	1/2	51,508
3/4		3/4		3/4	124,884	3/4	114,397	3/4	103,891	3/4	93,375	3/4	82,853	3/4	72,332	3/4	61,811	3/4	51,289
9	9	9	9	124,665	9	114,178	9	103,672	9	93,156	9	82,634	9	72,113	9	61,591	9	51,070	
1/4		1/4		1/4	124,447	1/4	113,960	1/4	103,453	1/4	92,937	1/4	82,415	1/4	71,894	1/4	61,372	1/4	50,851
1/2		1/2		1/2	124,228	1/2	113,741	1/2	103,234	1/2	92,717	1/2	82,196	1/2	71,674	1/2	61,153	1/2	50,631
3/4		3/4		3/4	124,010	3/4	113,523	3/4	103,015	3/4	92,498	3/4	81,977	3/4	71,455	3/4	60,934	3/4	50,412
10	10	10	10	123,791	10	113,304	10	102,796	10	92,279	10	81,757	10	71,236	10	60,715	10	50,193	
1/4		1/4		1/4	123,573	1/4	113,086	1/4	102,577	1/4	92,060	1/4	81,538	1/4	71,017	1/4	60,495	1/4	49,974
1/2		1/2		1/2	123,354	1/2	112,867	1/2	102,358	1/2	91,841	1/2	81,319	1/2	70,798	1/2	60,276	1/2	49,755
3/4		3/4		3/4	123,136	3/4	112,649	3/4	102,138	3/4	91,621	3/4	81,100	3/4	70,578	3/4	60,057	3/4	49,535
11	11	11	11	122,918	11	112,430	11	101,919	11	91,402	11	80,881	11	70,359	11	59,838	11	49,316	
1/4		1/4		1/4	122,699	1/4	112,212	1/4	101,700	1/4	91,183	1/4	80,661	1/4	70,140	1/4	59,619	1/4	49,097
1/2		1/2		1/2	122,481	1/2	111,993	1/2	101,481	1/2	90,964	1/2	80,442	1/2	69,921	1/2	59,399	1/2	48,878
3/4		3/4		3/4	122,262	3/4	111,775	3/4	101,262	3/4	90,745	3/4	80,223	3/4	69,702	3/4	59,180	3/4	48,659

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 1705"

2 PORT 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	48,439	0	37,918	0	27,419	0	16,911	0	6,390	0		0		0		0		0	
1/4	48,220	1/4	37,699	1/4	27,201	1/4	16,692	1/4	6,171	1/4		1/4		1/4		1/4		1/4	
1/2	48,001	1/2	37,480	1/2	26,983	1/2	16,473	1/2	5,952	1/2		1/2		1/2		1/2		1/2	
3/4	47,782	3/4	37,260	3/4	26,764	3/4	16,253	3/4	5,732	3/4		3/4		3/4		3/4		3/4	
1	47,563	1	37,041	1	26,546	1	16,034	1	5,513	1		1		1		1		1	
1/4	47,343	1/4	36,822	1/4	26,328	1/4	15,815	1/4	5,294	1/4		1/4		1/4		1/4		1/4	
1/2	47,124	1/2	36,603	1/2	26,110	1/2	15,596	1/2	5,075	1/2		1/2		1/2		1/2		1/2	
3/4	46,905	3/4	36,384	3/4	25,892	3/4	15,377	3/4	4,856	3/4		3/4		3/4		3/4		3/4	
2	46,686	2	36,164	2	25,673	2	15,157	2	4,636	2		2		2		2		2	
1/4	46,467	1/4	35,945	1/4	25,455	1/4	14,938	1/4	4,417	1/4		1/4		1/4		1/4		1/4	
1/2	46,248	1/2	35,726	1/2	25,237	1/2	14,719	1/2	4,198	1/2		1/2		1/2		1/2		1/2	
3/4	46,028	3/4	35,507	3/4	25,019	3/4	14,500	3/4	3,979	3/4		3/4		3/4		3/4		3/4	
3	45,809	3	35,288	3	24,801	3	14,281	3	3,760	3		3		3		3		3	
1/4	45,590	1/4	35,068	1/4	24,583	1/4	14,062	1/4	3,541	1/4		1/4		1/4		1/4		1/4	
1/2	45,371	1/2	34,849	1/2	24,363	1/2	13,842	1/2	3,322	1/2		1/2		1/2		1/2		1/2	
3/4	45,152	3/4	34,630	3/4	24,144	3/4	13,623	3/4	3,103	3/4		3/4		3/4		3/4		3/4	
4	44,932	4	34,411	4	23,925	4	13,404	4	2,884	4		4		4		4		4	
1/4	44,713	1/4	34,192	1/4	23,706	1/4	13,185	1/4	2,665	1/4		1/4		1/4		1/4		1/4	
1/2	44,494	1/2	33,972	1/2	23,487	1/2	12,966	1/2	2,447	1/2		1/2		1/2		1/2		1/2	
3/4	44,275	3/4	33,753	3/4	23,267	3/4	12,746	3/4	2,229	3/4		3/4		3/4		3/4		3/4	
5	44,056	5	33,534	5	23,048	5	12,527	5	2,011	5		5		5		5		5	
1/4	43,836	1/4	33,315	1/4	22,829	1/4	12,308	1/4	1,793	1/4		1/4		1/4		1/4		1/4	
1/2	43,617	1/2	33,096	1/2	22,610	1/2	12,089	1/2	1,601	1/2		1/2		1/2		1/2		1/2	
3/4	43,398	3/4	32,877	3/4	22,391	3/4	11,870	3/4	1,409	3/4		3/4		3/4		3/4		3/4	
6	43,179	6	32,659	6	22,171	6	11,650	6	1,217	6		6		6		6		6	
1/4	42,960	1/4	32,440	1/4	21,952	1/4	11,431	1/4	1,026	1/4		1/4		1/4		1/4		1/4	
1/2	42,740	1/2	32,221	1/2	21,733	1/2	11,212	1/2	889	1/2		1/2		1/2		1/2		1/2	
3/4	42,521	3/4	32,002	3/4	21,514	3/4	10,993	3/4	752	3/4		3/4		3/4		3/4		3/4	
7	42,302	7	31,783	7	21,295	7	10,774	7		7		7		7		7		7	
1/4	42,083	1/4	31,565	1/4	21,076	1/4	10,554	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41,864	1/2	31,346	1/2	20,856	1/2	10,335	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41,644	3/4	31,128	3/4	20,637	3/4	10,116	3/4		3/4		3/4		3/4		3/4		3/4	
8	41,425	8	30,910	8	20,418	8	9,897	8		8		8		8		8		8	
1/4	41,206	1/4	30,692	1/4	20,199	1/4	9,678	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,987	1/2	30,474	1/2	19,980	1/2	9,459	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40,768	3/4	30,256	3/4	19,760	3/4	9,239	3/4		3/4		3/4		3/4		3/4		3/4	
9	40,548	9	30,037	9	19,541	9	9,020	9		9		9		9		9		9	
1/4	40,329	1/4	29,819	1/4	19,322	1/4	8,801	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,110	1/2	29,601	1/2	19,103	1/2	8,582	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,891	3/4	29,383	3/4	18,884	3/4	8,363	3/4		3/4		3/4		3/4		3/4		3/4	
10	39,672	10	29,165	10	18,664	10	8,143	10		10		10		10		10		10	
1/4	39,452	1/4	28,946	1/4	18,445	1/4	7,924	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,233	1/2	28,728	1/2	18,226	1/2	7,705	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,014	3/4	28,510	3/4	18,007	3/4	7,486	3/4		3/4		3/4		3/4		3/4		3/4	
11	38,795	11	28,292	11	17,788	11	7,267	11		11		11		11		11		11	
1/4	38,576	1/4	28,074	1/4	17,569	1/4	7,047	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,356	1/2	27,855	1/2	17,349	1/2	6,828	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,137	3/4	27,637	3/4	17,130	3/4	6,609	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/23/2019 CL
CALCULATED: 10/24/2019 CL
PRINTED: 10/24/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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



BARGE "CBC 1705"

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	121,688	0	111,206	0	100,697	0	90,185	0	79,668	0	69,152	0	58,635		
1/4		1/4		1/4	121,470	1/4	110,988	1/4	100,478	1/4	89,966	1/4	79,449	1/4	68,932	1/4	58,416		
1/2		1/2		1/2	131,330	1/2	121,252	1/2	110,769	1/2	100,259	1/2	89,747	1/2	79,230	1/2	68,713	1/2	58,197
3/4		3/4		3/4	131,186	3/4	121,033	3/4	110,551	3/4	100,040	3/4	89,527	3/4	79,011	3/4	68,494	3/4	57,978
1	1	1	1	131,043	1	120,815	1	110,332	1	99,821	1	89,308	1	78,792	1	68,275	1	57,759	
1/4		1/4		1/4	130,899	1/4	120,596	1/4	110,114	1/4	99,602	1/4	89,089	1/4	78,573	1/4	68,056	1/4	57,539
1/2		1/2		1/2	130,719	1/2	120,378	1/2	109,895	1/2	99,383	1/2	88,870	1/2	78,354	1/2	67,837	1/2	57,320
3/4		3/4		3/4	130,539	3/4	120,160	3/4	109,676	3/4	99,164	3/4	88,651	3/4	78,134	3/4	67,618	3/4	57,101
2	2	2	2	130,359	2	119,941	2	109,457	2	98,945	2	88,432	2	77,915	2	67,399	2	56,882	
1/4		1/4		1/4	130,179	1/4	119,723	1/4	109,238	1/4	98,726	1/4	88,213	1/4	77,696	1/4	67,180	1/4	56,663
1/2		1/2		1/2	129,967	1/2	119,504	1/2	109,019	1/2	98,508	1/2	87,994	1/2	77,477	1/2	66,961	1/2	56,444
3/4		3/4		3/4	129,755	3/4	119,286	3/4	108,800	3/4	98,289	3/4	87,775	3/4	77,258	3/4	66,741	3/4	56,225
3	3	3	3	129,543	3	119,068	3	108,581	3	98,070	3	87,556	3	77,039	3	66,522	3	56,006	
1/4		1/4		1/4	129,331	1/4	118,849	1/4	108,362	1/4	97,851	1/4	87,336	1/4	76,820	1/4	66,303	1/4	55,787
1/2		1/2		1/2	129,113	1/2	118,631	1/2	108,143	1/2	97,632	1/2	87,117	1/2	76,601	1/2	66,084	1/2	55,568
3/4		3/4		3/4	128,895	3/4	118,413	3/4	107,924	3/4	97,413	3/4	86,898	3/4	76,382	3/4	65,865	3/4	55,349
4	4	4	4	128,676	4	118,194	4	107,705	4	97,194	4	86,679	4	76,163	4	65,646	4	55,129	
1/4		1/4		1/4	128,458	1/4	117,976	1/4	107,486	1/4	96,975	1/4	86,460	1/4	75,944	1/4	65,427	1/4	54,910
1/2		1/2		1/2	128,240	1/2	117,757	1/2	107,267	1/2	96,756	1/2	86,241	1/2	75,724	1/2	65,208	1/2	54,691
3/4		3/4		3/4	128,021	3/4	117,539	3/4	107,048	3/4	96,537	3/4	86,022	3/4	75,505	3/4	64,989	3/4	54,472
5	5	5	5	127,803	5	117,321	5	106,829	5	96,318	5	85,803	5	75,286	5	64,770	5	54,253	
1/4		1/4		1/4	127,585	1/4	117,102	1/4	106,610	1/4	96,099	1/4	85,584	1/4	75,067	1/4	64,551	1/4	54,034
1/2		1/2		1/2	127,366	1/2	116,884	1/2	106,391	1/2	95,880	1/2	85,365	1/2	74,848	1/2	64,331	1/2	53,815
3/4		3/4		3/4	127,148	3/4	116,665	3/4	106,172	3/4	95,661	3/4	85,146	3/4	74,629	3/4	64,112	3/4	53,596
6	6	6	6	126,929	6	116,447	6	105,953	6	95,442	6	84,926	6	74,410	6	63,893	6	53,377	
1/4		1/4		1/4	126,711	1/4	116,229	1/4	105,734	1/4	95,223	1/4	84,707	1/4	74,191	1/4	63,674	1/4	53,158
1/2		1/2		1/2	126,493	1/2	116,010	1/2	105,515	1/2	95,004	1/2	84,488	1/2	73,972	1/2	63,455	1/2	52,938
3/4		3/4		3/4	126,274	3/4	115,792	3/4	105,296	3/4	94,785	3/4	84,269	3/4	73,753	3/4	63,236	3/4	52,719
7	7	7	7	126,056	7	115,574	7	105,077	7	94,566	7	84,050	7	73,533	7	63,017	7	52,500	
1/4		1/4		1/4	125,838	1/4	115,355	1/4	104,858	1/4	94,347	1/4	83,831	1/4	73,314	1/4	62,798	1/4	52,281
1/2		1/2		1/2	125,619	1/2	115,137	1/2	104,639	1/2	94,128	1/2	83,612	1/2	73,095	1/2	62,579	1/2	52,062
3/4		3/4		3/4	125,401	3/4	114,918	3/4	104,420	3/4	93,909	3/4	83,393	3/4	72,876	3/4	62,360	3/4	51,843
8	8	8	8	125,182	8	114,700	8	104,201	8	93,690	8	83,174	8	72,657	8	62,140	8	51,624	
1/4		1/4		1/4	124,964	1/4	114,482	1/4	103,982	1/4	93,471	1/4	82,955	1/4	72,438	1/4	61,921	1/4	51,405
1/2		1/2		1/2	124,746	1/2	114,263	1/2	103,763	1/2	93,252	1/2	82,735	1/2	72,219	1/2	61,702	1/2	51,186
3/4		3/4		3/4	124,527	3/4	114,045	3/4	103,544	3/4	93,033	3/4	82,516	3/4	72,000	3/4	61,483	3/4	50,967
9	9	9	9	124,309	9	113,827	9	103,325	9	92,814	9	82,297	9	71,781	9	61,264	9	50,748	
1/4		1/4		1/4	124,090	1/4	113,608	1/4	103,106	1/4	92,595	1/4	82,078	1/4	71,562	1/4	61,045	1/4	50,528
1/2		1/2		1/2	123,872	1/2	113,390	1/2	102,887	1/2	92,376	1/2	81,859	1/2	71,342	1/2	60,826	1/2	50,309
3/4		3/4		3/4	123,654	3/4	113,171	3/4	102,668	3/4	92,157	3/4	81,640	3/4	71,123	3/4	60,607	3/4	50,090
10	10	10	10	123,435	10	112,953	10	102,449	10	91,937	10	81,421	10	70,904	10	60,388	10	49,871	
1/4		1/4		1/4	123,217	1/4	112,735	1/4	102,230	1/4	91,718	1/4	81,202	1/4	70,685	1/4	60,169	1/4	49,652
1/2		1/2		1/2	122,999	1/2	112,516	1/2	102,011	1/2	91,499	1/2	80,983	1/2	70,466	1/2	59,950	1/2	49,433
3/4		3/4		3/4	122,780	3/4	112,298	3/4	101,792	3/4	91,280	3/4	80,764	3/4	70,247	3/4	59,730	3/4	49,214
11	11	11	11	122,562	11	112,079	11	101,573	11	91,061	11	80,545	11	70,028	11	59,511	11	48,995	
1/4		1/4		1/4	122,343	1/4	111,861	1/4	101,354	1/4	90,842	1/4	80,325	1/4	69,809	1/4	59,292	1/4	48,776
1/2		1/2		1/2	122,125	1/2	111,643	1/2	101,135	1/2	90,623	1/2	80,106	1/2	69,590	1/2	59,073	1/2	48,557
3/4		3/4		3/4	121,907	3/4	111,424	3/4	100,916	3/4	90,404	3/4	79,887	3/4	69,371	3/4	58,854	3/4	48,337

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
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 Pearland, Texas 77588
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BARGE "CBC 1705"

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	48,118	0	37,602	0	27,309	0	16,903	0	6,387	0		0		0		0		0	
1/4	47,899	1/4	37,383	1/4	27,099	1/4	16,684	1/4	6,168	1/4		1/4		1/4		1/4		1/4	
1/2	47,680	1/2	37,164	1/2	26,888	1/2	16,465	1/2	5,949	1/2		1/2		1/2		1/2		1/2	
3/4	47,461	3/4	36,945	3/4	26,677	3/4	16,246	3/4	5,730	3/4		3/4		3/4		3/4		3/4	
1	47,242	1	36,725	1	26,467	1	16,027	1	5,511	1		1		1		1		1	
1/4	47,023	1/4	36,506	1/4	26,256	1/4	15,808	1/4	5,292	1/4		1/4		1/4		1/4		1/4	
1/2	46,804	1/2	36,287	1/2	26,046	1/2	15,589	1/2	5,072	1/2		1/2		1/2		1/2		1/2	
3/4	46,585	3/4	36,068	3/4	25,835	3/4	15,370	3/4	4,853	3/4		3/4		3/4		3/4		3/4	
2	46,366	2	35,849	2	25,624	2	15,150	2	4,634	2		2		2		2		2	
1/4	46,147	1/4	35,630	1/4	25,414	1/4	14,931	1/4	4,415	1/4		1/4		1/4		1/4		1/4	
1/2	45,927	1/2	35,411	1/2	25,203	1/2	14,712	1/2	4,196	1/2		1/2		1/2		1/2		1/2	
3/4	45,708	3/4	35,192	3/4	24,992	3/4	14,493	3/4	3,977	3/4		3/4		3/4		3/4		3/4	
3	45,489	3	34,973	3	24,782	3	14,274	3	3,758	3		3		3		3		3	
1/4	45,270	1/4	34,754	1/4	24,571	1/4	14,055	1/4	3,539	1/4		1/4		1/4		1/4		1/4	
1/2	45,051	1/2	34,534	1/2	24,352	1/2	13,836	1/2	3,320	1/2		1/2		1/2		1/2		1/2	
3/4	44,832	3/4	34,315	3/4	24,133	3/4	13,617	3/4	3,101	3/4		3/4		3/4		3/4		3/4	
4	44,613	4	34,096	4	23,914	4	13,398	4	2,883	4		4		4		4		4	
1/4	44,394	1/4	33,877	1/4	23,695	1/4	13,179	1/4	2,664	1/4		1/4		1/4		1/4		1/4	
1/2	44,175	1/2	33,658	1/2	23,476	1/2	12,960	1/2	2,446	1/2		1/2		1/2		1/2		1/2	
3/4	43,956	3/4	33,439	3/4	23,257	3/4	12,740	3/4	2,228	3/4		3/4		3/4		3/4		3/4	
5	43,736	5	33,220	5	23,038	5	12,521	5	2,010	5		5		5		5		5	
1/4	43,517	1/4	33,001	1/4	22,818	1/4	12,302	1/4	1,792	1/4		1/4		1/4		1/4		1/4	
1/2	43,298	1/2	32,790	1/2	22,599	1/2	12,083	1/2	1,600	1/2		1/2		1/2		1/2		1/2	
3/4	43,079	3/4	32,578	3/4	22,380	3/4	11,864	3/4	1,408	3/4		3/4		3/4		3/4		3/4	
6	42,860	6	32,367	6	22,161	6	11,645	6	1,217	6		6		6		6		6	
1/4	42,641	1/4	32,156	1/4	21,942	1/4	11,426	1/4	1,025	1/4		1/4		1/4		1/4		1/4	
1/2	42,422	1/2	31,945	1/2	21,723	1/2	11,207	1/2	888	1/2		1/2		1/2		1/2		1/2	
3/4	42,203	3/4	31,734	3/4	21,504	3/4	10,988	3/4	751	3/4		3/4		3/4		3/4		3/4	
7	41,984	7	31,522	7	21,285	7	10,769	7		7		7		7		7		7	
1/4	41,765	1/4	31,311	1/4	21,066	1/4	10,550	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41,546	1/2	31,101	1/2	20,847	1/2	10,331	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41,326	3/4	30,890	3/4	20,628	3/4	10,111	3/4		3/4		3/4		3/4		3/4		3/4	
8	41,107	8	30,679	8	20,408	8	9,892	8		8		8		8		8		8	
1/4	40,888	1/4	30,469	1/4	20,189	1/4	9,673	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,669	1/2	30,258	1/2	19,970	1/2	9,454	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40,450	3/4	30,047	3/4	19,751	3/4	9,235	3/4		3/4		3/4		3/4		3/4		3/4	
9	40,231	9	29,837	9	19,532	9	9,016	9		9		9		9		9		9	
1/4	40,012	1/4	29,626	1/4	19,313	1/4	8,797	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,793	1/2	29,416	1/2	19,094	1/2	8,578	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,574	3/4	29,205	3/4	18,875	3/4	8,359	3/4		3/4		3/4		3/4		3/4		3/4	
10	39,355	10	28,994	10	18,656	10	8,140	10		10		10		10		10		10	
1/4	39,135	1/4	28,784	1/4	18,437	1/4	7,921	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,916	1/2	28,573	1/2	18,218	1/2	7,701	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,697	3/4	28,362	3/4	17,999	3/4	7,482	3/4		3/4		3/4		3/4		3/4		3/4	
11	38,478	11	28,152	11	17,779	11	7,263	11		11		11		11		11		11	
1/4	38,259	1/4	27,941	1/4	17,560	1/4	7,044	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,040	1/2	27,731	1/2	17,341	1/2	6,825	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37,821	3/4	27,520	3/4	17,122	3/4	6,606	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/23/2019 CL
CALCULATED: 10/24/2019 CL
PRINTED: 10/24/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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



BARGE "CBC 1705"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 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	221,828	0	203,177	0	184,511	0	165,834	0	147,150	0	128,465	0	109,779		
1/4	1/4	1/4	1/4	1/4	221,439	1/4	202,789	1/4	184,122	1/4	165,445	1/4	146,760	1/4	128,075	1/4	109,390		
1/2	1/2	1/2	1/2	1/2	235,774	1/2	221,051	1/2	202,400	1/2	183,732	1/2	165,056	1/2	146,371	1/2	127,686	1/2	109,000
3/4	3/4	3/4	3/4	3/4	235,709	3/4	220,662	3/4	202,012	3/4	183,343	3/4	164,667	3/4	145,982	3/4	127,297	3/4	108,611
1	1	1	1	1	235,645	1	220,274	1	201,623	1	182,954	1	164,278	1	145,593	1	126,908	1	108,222
1/4	1/4	1/4	1/4	1/4	235,581	1/4	219,885	1/4	201,234	1/4	182,565	1/4	163,888	1/4	145,203	1/4	126,518	1/4	107,832
1/2	1/2	1/2	1/2	1/2	235,517	1/2	219,497	1/2	200,846	1/2	182,176	1/2	163,499	1/2	144,814	1/2	126,129	1/2	107,443
3/4	3/4	3/4	3/4	3/4	235,388	3/4	219,108	3/4	200,457	3/4	181,787	3/4	163,110	3/4	144,425	3/4	125,740	3/4	107,054
2	2	2	2	2	235,259	2	218,719	2	200,069	2	181,398	2	162,721	2	144,036	2	125,350	2	106,665
1/4	1/4	1/4	1/4	1/4	235,130	1/4	218,331	1/4	199,680	1/4	181,009	1/4	162,331	1/4	143,646	1/4	124,961	1/4	106,275
1/2	1/2	1/2	1/2	1/2	235,001	1/2	217,942	1/2	199,292	1/2	180,620	1/2	161,942	1/2	143,257	1/2	124,572	1/2	105,886
3/4	3/4	3/4	3/4	3/4	234,807	3/4	217,554	3/4	198,903	3/4	180,231	3/4	161,553	3/4	142,868	3/4	124,183	3/4	105,497
3	3	3	3	3	234,613	3	217,165	3	198,515	3	179,842	3	161,163	3	142,478	3	123,793	3	105,107
1/4	1/4	1/4	1/4	1/4	234,419	1/4	216,777	1/4	198,126	1/4	179,452	1/4	160,774	1/4	142,089	1/4	123,404	1/4	104,718
1/2	1/2	1/2	1/2	1/2	234,225	1/2	216,388	1/2	197,737	1/2	179,063	1/2	160,385	1/2	141,700	1/2	123,015	1/2	104,329
3/4	3/4	3/4	3/4	3/4	233,966	3/4	216,000	3/4	197,349	3/4	178,674	3/4	159,996	3/4	141,311	3/4	122,625	3/4	103,939
4	4	4	4	4	233,708	4	215,611	4	196,960	4	178,285	4	159,606	4	140,921	4	122,236	4	103,550
1/4	1/4	1/4	1/4	1/4	233,449	1/4	215,222	1/4	196,572	1/4	177,896	1/4	159,217	1/4	140,532	1/4	121,847	1/4	103,161
1/2	1/2	1/2	1/2	1/2	233,190	1/2	214,834	1/2	196,183	1/2	177,507	1/2	158,828	1/2	140,143	1/2	121,458	1/2	102,772
3/4	3/4	3/4	3/4	3/4	232,866	3/4	214,445	3/4	195,794	3/4	177,118	3/4	158,439	3/4	139,754	3/4	121,068	3/4	102,382
5	5	5	5	5	232,543	5	214,057	5	195,405	5	176,729	5	158,049	5	139,364	5	120,679	5	101,993
1/4	1/4	1/4	1/4	1/4	232,219	1/4	213,668	1/4	195,016	1/4	176,340	1/4	157,660	1/4	138,975	1/4	120,290	1/4	101,604
1/2	1/2	1/2	1/2	1/2	231,895	1/2	213,280	1/2	194,627	1/2	175,951	1/2	157,271	1/2	138,586	1/2	119,900	1/2	101,214
3/4	3/4	3/4	3/4	3/4	231,515	3/4	212,891	3/4	194,238	3/4	175,562	3/4	156,881	3/4	138,197	3/4	119,511	3/4	100,825
6	6	6	6	6	231,135	6	212,503	6	193,849	6	175,172	6	156,492	6	137,807	6	119,122	6	100,436
1/4	1/4	1/4	1/4	1/4	230,756	1/4	212,114	1/4	193,460	1/4	174,783	1/4	156,103	1/4	137,418	1/4	118,733	1/4	100,047
1/2	1/2	1/2	1/2	1/2	230,376	1/2	211,725	1/2	193,071	1/2	174,394	1/2	155,714	1/2	137,029	1/2	118,343	1/2	99,657
3/4	3/4	3/4	3/4	3/4	229,987	3/4	211,337	3/4	192,681	3/4	174,005	3/4	155,324	3/4	136,639	3/4	117,954	3/4	99,268
7	7	7	7	7	229,599	7	210,948	7	192,292	7	173,616	7	154,935	7	136,250	7	117,565	7	98,879
1/4	1/4	1/4	1/4	1/4	229,210	1/4	210,560	1/4	191,903	1/4	173,227	1/4	154,546	1/4	135,861	1/4	117,175	1/4	98,489
1/2	1/2	1/2	1/2	1/2	228,822	1/2	210,171	1/2	191,514	1/2	172,838	1/2	154,157	1/2	135,472	1/2	116,786	1/2	98,100
3/4	3/4	3/4	3/4	3/4	228,433	3/4	209,783	3/4	191,125	3/4	172,449	3/4	153,767	3/4	135,082	3/4	116,397	3/4	97,711
8	8	8	8	8	228,045	8	209,394	8	190,736	8	172,060	8	153,378	8	134,693	8	116,008	8	97,322
1/4	1/4	1/4	1/4	1/4	227,656	1/4	209,006	1/4	190,347	1/4	171,671	1/4	152,989	1/4	134,304	1/4	115,618	1/4	96,932
1/2	1/2	1/2	1/2	1/2	227,268	1/2	208,617	1/2	189,958	1/2	171,282	1/2	152,600	1/2	133,915	1/2	115,229	1/2	96,543
3/4	3/4	3/4	3/4	3/4	226,879	3/4	208,228	3/4	189,569	3/4	170,893	3/4	152,210	3/4	133,525	3/4	114,840	3/4	96,154
9	9	9	9	9	226,491	9	207,840	9	189,180	9	170,503	9	151,821	9	133,136	9	114,450	9	95,764
1/4	1/4	1/4	1/4	1/4	226,102	1/4	207,451	1/4	188,791	1/4	170,114	1/4	151,432	1/4	132,747	1/4	114,061	1/4	95,375
1/2	1/2	1/2	1/2	1/2	225,713	1/2	207,063	1/2	188,401	1/2	169,725	1/2	151,042	1/2	132,357	1/2	113,672	1/2	94,986
3/4	3/4	3/4	3/4	3/4	225,325	3/4	206,674	3/4	188,012	3/4	169,336	3/4	150,653	3/4	131,968	3/4	113,282	3/4	94,597
10	10	10	10	10	224,936	10	206,286	10	187,623	10	168,947	10	150,264	10	131,579	10	112,893	10	94,207
1/4	1/4	1/4	1/4	1/4	224,548	1/4	205,897	1/4	187,234	1/4	168,558	1/4	149,875	1/4	131,190	1/4	112,504	1/4	93,818
1/2	1/2	1/2	1/2	1/2	224,159	1/2	205,509	1/2	186,845	1/2	168,169	1/2	149,485	1/2	130,800	1/2	112,115	1/2	93,429
3/4	3/4	3/4	3/4	3/4	223,771	3/4	205,120	3/4	186,456	3/4	167,780	3/4	149,096	3/4	130,411	3/4	111,725	3/4	93,039
11	11	11	11	11	223,382	11	204,731	11	186,067	11	167,391	11	148,707	11	130,022	11	111,336	11	92,650
1/4	1/4	1/4	1/4	1/4	222,994	1/4	204,343	1/4	185,678	1/4	167,002	1/4	148,318	1/4	129,633	1/4	110,947	1/4	92,261
1/2	1/2	1/2	1/2	1/2	222,605	1/2	203,954	1/2	185,289	1/2	166,613	1/2	147,928	1/2	129,243	1/2	110,557	1/2	91,871
3/4	3/4	3/4	3/4	3/4	222,216	3/4	203,566	3/4	184,900	3/4	166,223	3/4	147,539	3/4	128,854	3/4	110,168	3/4	91,482

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 1705"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 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	91,093	0	72,407	0	53,729	0	35,064	0	16,379	0	137	0		0		0		0	
1/4	90,704	1/4	72,018	1/4	53,341	1/4	34,675	1/4	15,989	1/4	88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,314	1/2	71,628	1/2	52,952	1/2	34,286	1/2	15,600	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,925	3/4	71,239	3/4	52,564	3/4	33,896	3/4	15,211	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	89,536	1	70,850	1	52,175	1	33,507	1	14,822	1		1	1	1	1	1	1	1	1
1/4	89,146	1/4	70,461	1/4	51,787	1/4	33,118	1/4	14,432	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,757	1/2	70,071	1/2	51,398	1/2	32,729	1/2	14,043	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,368	3/4	69,682	3/4	51,010	3/4	32,339	3/4	13,654	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	87,979	2	69,293	2	50,621	2	31,950	2	13,265	2		2	2	2	2	2	2	2	2
1/4	87,589	1/4	68,903	1/4	50,233	1/4	31,561	1/4	12,875	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,200	1/2	68,514	1/2	49,844	1/2	31,171	1/2	12,486	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,811	3/4	68,125	3/4	49,456	3/4	30,782	3/4	12,097	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	86,421	3	67,735	3	49,067	3	30,393	3	11,707	3		3	3	3	3	3	3	3	3
1/4	86,032	1/4	67,346	1/4	48,679	1/4	30,004	1/4	11,318	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,643	1/2	66,957	1/2	48,290	1/2	29,614	1/2	10,929	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,254	3/4	66,568	3/4	47,902	3/4	29,225	3/4	10,540	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	84,864	4	66,178	4	47,513	4	28,836	4	10,150	4		4	4	4	4	4	4	4	4
1/4	84,475	1/4	65,789	1/4	47,125	1/4	28,446	1/4	9,761	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,086	1/2	65,400	1/2	46,736	1/2	28,057	1/2	9,372	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,696	3/4	65,010	3/4	46,348	3/4	27,668	3/4	8,982	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	83,307	5	64,621	5	45,959	5	27,279	5	8,593	5		5	5	5	5	5	5	5	5
1/4	82,918	1/4	64,232	1/4	45,571	1/4	26,889	1/4	8,204	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,529	1/2	63,843	1/2	45,182	1/2	26,500	1/2	7,815	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,139	3/4	63,453	3/4	44,794	3/4	26,111	3/4	7,425	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	81,750	6	63,064	6	44,405	6	25,722	6	7,036	6		6	6	6	6	6	6	6	6
1/4	81,361	1/4	62,675	1/4	44,017	1/4	25,332	1/4	6,647	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,971	1/2	62,285	1/2	43,628	1/2	24,943	1/2	6,258	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,582	3/4	61,896	3/4	43,239	3/4	24,554	3/4	5,869	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	80,193	7	61,507	7	42,850	7	24,164	7	5,480	7		7	7	7	7	7	7	7	7
1/4	79,803	1/4	61,118	1/4	42,461	1/4	23,775	1/4	5,092	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,414	1/2	60,728	1/2	42,071	1/2	23,386	1/2	4,703	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,025	3/4	60,339	3/4	41,682	3/4	22,997	3/4	4,315	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	78,636	8	59,950	8	41,293	8	22,607	8	3,928	8		8	8	8	8	8	8	8	8
1/4	78,246	1/4	59,560	1/4	40,903	1/4	22,218	1/4	3,541	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,857	1/2	59,171	1/2	40,514	1/2	21,829	1/2	3,153	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,468	3/4	58,782	3/4	40,125	3/4	21,439	3/4	2,813	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	77,078	9	58,393	9	39,736	9	21,050	9	2,472	9		9	9	9	9	9	9	9	9
1/4	76,689	1/4	58,004	1/4	39,346	1/4	20,661	1/4	2,132	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,300	1/2	57,615	1/2	38,957	1/2	20,272	1/2	1,791	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,911	3/4	57,227	3/4	38,568	3/4	19,882	3/4	1,548	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	75,521	10	56,838	10	38,179	10	19,493	10	1,304	10		10	10	10	10	10	10	10	10
1/4	75,132	1/4	56,449	1/4	37,789	1/4	19,104	1/4	1,061	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,743	1/2	56,060	1/2	37,400	1/2	18,714	1/2	818	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,353	3/4	55,671	3/4	37,011	3/4	18,325	3/4	672	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	73,964	11	55,283	11	36,621	11	17,936	11	526	11		11	11	11	11	11	11	11	11
1/4	73,575	1/4	54,894	1/4	36,232	1/4	17,547	1/4	380	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,186	1/2	54,506	1/2	35,843	1/2	17,157	1/2	234	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,796	3/4	54,117	3/4	35,454	3/4	16,768	3/4	185	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: 10/23/2019 CL
CALCULATED: 10/24/2019 CL
PRINTED: 10/24/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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