



BARGE "CBC 7033"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	106	0	13,746	0	29,438	0	45,151	0	60,896	0	76,643	0	92,390	0	108,137	0	123,884	0	139,631
1/4	188	1/4	14,075	1/4	29,767	1/4	45,479	1/4	61,224	1/4	76,971	1/4	92,718	1/4	108,465	1/4	124,212	1/4	139,959
1/2	271	1/2	14,403	1/2	30,095	1/2	45,806	1/2	61,552	1/2	77,299	1/2	93,046	1/2	108,793	1/2	124,540	1/2	140,287
3/4	353	3/4	14,732	3/4	30,424	3/4	46,134	3/4	61,880	3/4	77,627	3/4	93,374	3/4	109,121	3/4	124,868	3/4	140,615
1	435	1	15,060	1	30,752	1	46,461	1	62,208	1	77,955	1	93,702	1	109,449	1	125,196	1	140,943
1/4	596	1/4	15,388	1/4	31,081	1/4	46,789	1/4	62,536	1/4	78,283	1/4	94,030	1/4	109,777	1/4	125,524	1/4	141,271
1/2	757	1/2	15,717	1/2	31,409	1/2	47,117	1/2	62,864	1/2	78,611	1/2	94,358	1/2	110,105	1/2	125,852	1/2	141,599
3/4	918	3/4	16,045	3/4	31,738	3/4	47,445	3/4	63,192	3/4	78,939	3/4	94,686	3/4	110,433	3/4	126,180	3/4	141,927
2	1,079	2	16,373	2	32,066	2	47,773	2	63,520	2	79,267	2	95,014	2	110,761	2	126,508	2	142,255
1/4	1,319	1/4	16,702	1/4	32,394	1/4	48,101	1/4	63,848	1/4	79,595	1/4	95,342	1/4	111,089	1/4	126,836	1/4	142,583
1/2	1,560	1/2	17,030	1/2	32,722	1/2	48,429	1/2	64,176	1/2	79,923	1/2	95,670	1/2	111,417	1/2	127,164	1/2	142,911
3/4	1,800	3/4	17,359	3/4	33,049	3/4	48,757	3/4	64,504	3/4	80,251	3/4	95,998	3/4	111,745	3/4	127,492	3/4	143,239
3	2,040	3	17,687	3	33,377	3	49,085	3	64,832	3	80,579	3	96,326	3	112,073	3	127,820	3	143,567
1/4	2,342	1/4	18,013	1/4	33,704	1/4	49,413	1/4	65,160	1/4	80,907	1/4	96,654	1/4	112,401	1/4	128,148	1/4	143,895
1/2	2,644	1/2	18,338	1/2	34,031	1/2	49,742	1/2	65,489	1/2	81,236	1/2	96,983	1/2	112,730	1/2	128,477	1/2	144,224
3/4	2,946	3/4	18,664	3/4	34,358	3/4	50,070	3/4	65,817	3/4	81,564	3/4	97,311	3/4	113,058	3/4	128,805	3/4	144,552
4	3,248	4	18,989	4	34,685	4	50,398	4	66,145	4	81,892	4	97,639	4	113,386	4	129,133	4	144,880
1/4	3,573	1/4	19,311	1/4	35,012	1/4	50,726	1/4	66,473	1/4	82,220	1/4	97,967	1/4	113,714	1/4	129,461	1/4	145,208
1/2	3,899	1/2	19,634	1/2	35,339	1/2	51,054	1/2	66,801	1/2	82,548	1/2	98,295	1/2	114,042	1/2	129,789	1/2	145,536
3/4	4,224	3/4	19,956	3/4	35,666	3/4	51,382	3/4	67,129	3/4	82,876	3/4	98,623	3/4	114,370	3/4	130,117	3/4	145,864
5	4,549	5	20,278	5	35,993	5	51,710	5	67,457	5	83,204	5	98,951	5	114,698	5	130,445	5	146,192
1/4	4,878	1/4	20,601	1/4	36,320	1/4	52,038	1/4	67,785	1/4	83,532	1/4	99,279	1/4	115,026	1/4	130,773	1/4	146,520
1/2	5,206	1/2	20,923	1/2	36,647	1/2	52,366	1/2	68,113	1/2	83,860	1/2	99,607	1/2	115,354	1/2	131,101	1/2	146,848
3/4	5,535	3/4	21,246	3/4	36,974	3/4	52,694	3/4	68,441	3/4	84,188	3/4	99,935	3/4	115,682	3/4	131,429	3/4	147,176
6	5,863	6	21,568	6	37,301	6	53,022	6	68,769	6	84,516	6	100,263	6	116,010	6	131,757	6	147,504
1/4	6,192	1/4	21,894	1/4	37,628	1/4	53,350	1/4	69,097	1/4	84,844	1/4	100,591	1/4	116,338	1/4	132,085	1/4	147,832
1/2	6,520	1/2	22,219	1/2	37,956	1/2	53,678	1/2	69,425	1/2	85,172	1/2	100,919	1/2	116,666	1/2	132,413	1/2	148,160
3/4	6,849	3/4	22,545	3/4	38,283	3/4	54,006	3/4	69,753	3/4	85,500	3/4	101,247	3/4	116,994	3/4	132,741	3/4	148,488
7	7,177	7	22,870	7	38,610	7	54,334	7	70,081	7	85,828	7	101,575	7	117,322	7	133,069	7	148,816
1/4	7,506	1/4	23,198	1/4	38,937	1/4	54,662	1/4	70,409	1/4	86,156	1/4	101,903	1/4	117,650	1/4	133,397	1/4	149,144
1/2	7,834	1/2	23,527	1/2	39,264	1/2	54,991	1/2	70,738	1/2	86,485	1/2	102,232	1/2	117,979	1/2	133,726	1/2	149,473
3/4	8,163	3/4	23,855	3/4	39,591	3/4	55,319	3/4	71,066	3/4	86,813	3/4	102,560	3/4	118,307	3/4	134,054	3/4	149,801
8	8,491	8	24,183	8	39,918	8	55,647	8	71,394	8	87,141	8	102,888	8	118,635	8	134,382	8	150,129
1/4	8,819	1/4	24,512	1/4	40,245	1/4	55,975	1/4	71,722	1/4	87,469	1/4	103,216	1/4	118,963	1/4	134,710	1/4	150,457
1/2	9,148	1/2	24,840	1/2	40,572	1/2	56,303	1/2	72,050	1/2	87,797	1/2	103,544	1/2	119,291	1/2	135,038	1/2	150,785
3/4	9,476	3/4	25,169	3/4	40,899	3/4	56,631	3/4	72,378	3/4	88,125	3/4	103,872	3/4	119,619	3/4	135,366	3/4	151,113
9	9,804	9	25,497	9	41,226	9	56,959	9	72,706	9	88,453	9	104,200	9	119,947	9	135,694	9	151,441
1/4	10,133	1/4	25,826	1/4	41,553	1/4	57,287	1/4	73,034	1/4	88,781	1/4	104,528	1/4	120,275	1/4	136,022	1/4	151,769
1/2	10,461	1/2	26,154	1/2	41,880	1/2	57,615	1/2	73,362	1/2	89,109	1/2	104,856	1/2	120,603	1/2	136,350	1/2	152,097
3/4	10,790	3/4	26,483	3/4	42,207	3/4	57,943	3/4	73,690	3/4	89,437	3/4	105,184	3/4	120,931	3/4	136,678	3/4	152,425
10	11,118	10	26,811	10	42,534	10	58,271	10	74,018	10	89,765	10	105,512	10	121,259	10	137,006	10	152,753
1/4	11,447	1/4	27,140	1/4	42,861	1/4	58,599	1/4	74,346	1/4	90,093	1/4	105,840	1/4	121,587	1/4	137,334	1/4	153,081
1/2	11,775	1/2	27,468	1/2	43,189	1/2	58,927	1/2	74,674	1/2	90,421	1/2	106,168	1/2	121,915	1/2	137,662	1/2	153,409
3/4	12,104	3/4	27,797	3/4	43,516	3/4	59,255	3/4	75,002	3/4	90,749	3/4	106,496	3/4	122,243	3/4	137,990	3/4	153,737
11	12,432	11	28,125	11	43,843	11	59,583	11	75,330	11	91,077	11	106,824	11	122,571	11	138,318	11	154,065
1/4	12,761	1/4	28,453	1/4	44,170	1/4	59,911	1/4	75,658	1/4	91,405	1/4	107,152	1/4	122,899	1/4	138,646	1/4	154,393
1/2	13,089	1/2	28,782	1/2	44,497	1/2	60,240	1/2	75,987	1/2	91,734	1/2	107,481	1/2	123,228	1/2	138,975	1/2	154,722
3/4	13,418	3/4	29,110	3/4	44,824	3/4	60,568	3/4	76,315	3/4	92,062	3/4	107,809	3/4	123,556	3/4	139,303	3/4	155,050

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 AT THE EXPANSION DOME

CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 7033"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	155,378	0	171,125	0	186,800	0		0		0		0		0		0		0	
1/4	155,706	1/4	171,453	1/4	187,074	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,034	1/2	171,781	1/2	187,348	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,362	3/4	172,109	3/4	187,621	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	156,690	1	172,437	1	187,895	1		1		1		1		1		1		1	
1/4	157,018	1/4	172,765	1/4	188,132	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,346	1/2	173,093	1/2	188,369	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,674	3/4	173,421	3/4	188,606	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	158,002	2	173,749	2	188,843	2		2		2		2		2		2		2	
1/4	158,330	1/4	174,077	1/4	189,044	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,658	1/2	174,405	1/2	189,245	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,986	3/4	174,733	3/4	189,445	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	159,314	3	175,061	3	189,646	3		3		3		3		3		3		3	
1/4	159,642	1/4	175,389	1/4	189,810	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,971	1/2	175,718	1/2	189,975	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,299	3/4	176,046	3/4	190,139	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	160,627	4	176,374	4	190,303	4		4		4		4		4		4		4	
1/4	160,955	1/4	176,702	1/4	190,431	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,283	1/2	177,030	1/2	190,558	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,611	3/4	177,358	3/4	190,686	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	161,939	5	177,686	5	190,813	5		5		5		5		5		5		5	
1/4	162,267	1/4	178,014	1/4	190,904	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,595	1/2	178,342	1/2	190,996	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,923	3/4	178,670	3/4	191,087	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	163,251	6	178,998	6	191,178	6		6		6		6		6		6		6	
1/4	163,579	1/4	179,326	1/4	191,233	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,907	1/2	179,654	1/2	191,288	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,235	3/4	179,982	3/4	191,342	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	164,563	7	180,310	7	191,397	7		7		7		7		7		7		7	
1/4	164,891	1/4	180,638	1/4	191,415	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,220	1/2	180,967	1/2	191,434	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,548	3/4	181,295	3/4	191,452	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	165,876	8	181,623	8	191,470	8		8		8		8		8		8		8	
1/4	166,204	1/4	181,951	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,532	1/2	182,279	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,860	3/4	182,607	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	167,188	9	182,935	9		9		9		9		9		9		9		9	
1/4	167,516	1/4	183,263	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,844	1/2	183,591	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168,172	3/4	183,919	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	168,500	10	184,247	10		10		10		10		10		10		10		10	
1/4	168,828	1/4	184,575	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169,156	1/2	184,903	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,484	3/4	185,231	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	169,812	11	185,559	11		11		11		11		11		11		11		11	
1/4	170,140	1/4	185,869	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	170,469	1/2	186,180	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	170,797	3/4	186,490	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: 09/08/2009 INSP
RECALCULATED: 08/17/2019 PMA
REPRINTED: 08/17/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
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BARGE "CBC 7033"

1 STBD 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	106	0	13,746	0	29,438	0	45,151	0	60,896	0	76,643	0	92,390	0	108,137	0	123,884	0	139,631
1/4	188	1/4	14,075	1/4	29,767	1/4	45,479	1/4	61,224	1/4	76,971	1/4	92,718	1/4	108,465	1/4	124,212	1/4	139,959
1/2	271	1/2	14,403	1/2	30,095	1/2	45,806	1/2	61,552	1/2	77,299	1/2	93,046	1/2	108,793	1/2	124,540	1/2	140,287
3/4	353	3/4	14,732	3/4	30,424	3/4	46,134	3/4	61,880	3/4	77,627	3/4	93,374	3/4	109,121	3/4	124,868	3/4	140,615
1	435	1	15,060	1	30,752	1	46,461	1	62,208	1	77,955	1	93,702	1	109,449	1	125,196	1	140,943
1/4	596	1/4	15,388	1/4	31,081	1/4	46,789	1/4	62,536	1/4	78,283	1/4	94,030	1/4	109,777	1/4	125,524	1/4	141,271
1/2	757	1/2	15,717	1/2	31,409	1/2	47,117	1/2	62,864	1/2	78,611	1/2	94,358	1/2	110,105	1/2	125,852	1/2	141,599
3/4	918	3/4	16,045	3/4	31,738	3/4	47,445	3/4	63,192	3/4	78,939	3/4	94,686	3/4	110,433	3/4	126,180	3/4	141,927
2	1,079	2	16,373	2	32,066	2	47,773	2	63,520	2	79,267	2	95,014	2	110,761	2	126,508	2	142,255
1/4	1,319	1/4	16,702	1/4	32,394	1/4	48,101	1/4	63,848	1/4	79,595	1/4	95,342	1/4	111,089	1/4	126,836	1/4	142,583
1/2	1,560	1/2	17,030	1/2	32,722	1/2	48,429	1/2	64,176	1/2	79,923	1/2	95,670	1/2	111,417	1/2	127,164	1/2	142,911
3/4	1,800	3/4	17,359	3/4	33,049	3/4	48,757	3/4	64,504	3/4	80,251	3/4	95,998	3/4	111,745	3/4	127,492	3/4	143,239
3	2,040	3	17,687	3	33,377	3	49,085	3	64,832	3	80,579	3	96,326	3	112,073	3	127,820	3	143,567
1/4	2,342	1/4	18,013	1/4	33,704	1/4	49,413	1/4	65,160	1/4	80,907	1/4	96,654	1/4	112,401	1/4	128,148	1/4	143,895
1/2	2,644	1/2	18,338	1/2	34,031	1/2	49,742	1/2	65,489	1/2	81,236	1/2	96,983	1/2	112,730	1/2	128,477	1/2	144,224
3/4	2,946	3/4	18,664	3/4	34,358	3/4	50,070	3/4	65,817	3/4	81,564	3/4	97,311	3/4	113,058	3/4	128,805	3/4	144,552
4	3,248	4	18,989	4	34,685	4	50,398	4	66,145	4	81,892	4	97,639	4	113,386	4	129,133	4	144,880
1/4	3,573	1/4	19,311	1/4	35,012	1/4	50,726	1/4	66,473	1/4	82,220	1/4	97,967	1/4	113,714	1/4	129,461	1/4	145,208
1/2	3,899	1/2	19,634	1/2	35,339	1/2	51,054	1/2	66,801	1/2	82,548	1/2	98,295	1/2	114,042	1/2	129,789	1/2	145,536
3/4	4,224	3/4	19,956	3/4	35,666	3/4	51,382	3/4	67,129	3/4	82,876	3/4	98,623	3/4	114,370	3/4	130,117	3/4	145,864
5	4,549	5	20,278	5	35,993	5	51,710	5	67,457	5	83,204	5	98,951	5	114,698	5	130,445	5	146,192
1/4	4,878	1/4	20,601	1/4	36,320	1/4	52,038	1/4	67,785	1/4	83,532	1/4	99,279	1/4	115,026	1/4	130,773	1/4	146,520
1/2	5,206	1/2	20,923	1/2	36,647	1/2	52,366	1/2	68,113	1/2	83,860	1/2	99,607	1/2	115,354	1/2	131,101	1/2	146,848
3/4	5,535	3/4	21,246	3/4	36,974	3/4	52,694	3/4	68,441	3/4	84,188	3/4	99,935	3/4	115,682	3/4	131,429	3/4	147,176
6	5,863	6	21,568	6	37,301	6	53,022	6	68,769	6	84,516	6	100,263	6	116,010	6	131,757	6	147,504
1/4	6,192	1/4	21,894	1/4	37,628	1/4	53,350	1/4	69,097	1/4	84,844	1/4	100,591	1/4	116,338	1/4	132,085	1/4	147,832
1/2	6,520	1/2	22,219	1/2	37,956	1/2	53,678	1/2	69,425	1/2	85,172	1/2	100,919	1/2	116,666	1/2	132,413	1/2	148,160
3/4	6,849	3/4	22,545	3/4	38,283	3/4	54,006	3/4	69,753	3/4	85,500	3/4	101,247	3/4	116,994	3/4	132,741	3/4	148,488
7	7,177	7	22,870	7	38,610	7	54,334	7	70,081	7	85,828	7	101,575	7	117,322	7	133,069	7	148,816
1/4	7,506	1/4	23,198	1/4	38,937	1/4	54,662	1/4	70,409	1/4	86,156	1/4	101,903	1/4	117,650	1/4	133,397	1/4	149,144
1/2	7,834	1/2	23,527	1/2	39,264	1/2	54,991	1/2	70,738	1/2	86,485	1/2	102,232	1/2	117,979	1/2	133,726	1/2	149,473
3/4	8,163	3/4	23,855	3/4	39,591	3/4	55,319	3/4	71,066	3/4	86,813	3/4	102,560	3/4	118,307	3/4	134,054	3/4	149,801
8	8,491	8	24,183	8	39,918	8	55,647	8	71,394	8	87,141	8	102,888	8	118,635	8	134,382	8	150,129
1/4	8,819	1/4	24,512	1/4	40,245	1/4	55,975	1/4	71,722	1/4	87,469	1/4	103,216	1/4	118,963	1/4	134,710	1/4	150,457
1/2	9,148	1/2	24,840	1/2	40,572	1/2	56,303	1/2	72,050	1/2	87,797	1/2	103,544	1/2	119,291	1/2	135,038	1/2	150,785
3/4	9,476	3/4	25,169	3/4	40,899	3/4	56,631	3/4	72,378	3/4	88,125	3/4	103,872	3/4	119,619	3/4	135,366	3/4	151,113
9	9,804	9	25,497	9	41,226	9	56,959	9	72,706	9	88,453	9	104,200	9	119,947	9	135,694	9	151,441
1/4	10,133	1/4	25,826	1/4	41,553	1/4	57,287	1/4	73,034	1/4	88,781	1/4	104,528	1/4	120,275	1/4	136,022	1/4	151,769
1/2	10,461	1/2	26,154	1/2	41,880	1/2	57,615	1/2	73,362	1/2	89,109	1/2	104,856	1/2	120,603	1/2	136,350	1/2	152,097
3/4	10,790	3/4	26,483	3/4	42,207	3/4	57,943	3/4	73,690	3/4	89,437	3/4	105,184	3/4	120,931	3/4	136,678	3/4	152,425
10	11,118	10	26,811	10	42,534	10	58,271	10	74,018	10	89,765	10	105,512	10	121,259	10	137,006	10	152,753
1/4	11,447	1/4	27,140	1/4	42,861	1/4	58,599	1/4	74,346	1/4	90,093	1/4	105,840	1/4	121,587	1/4	137,334	1/4	153,081
1/2	11,775	1/2	27,468	1/2	43,189	1/2	58,927	1/2	74,674	1/2	90,421	1/2	106,168	1/2	121,915	1/2	137,662	1/2	153,409
3/4	12,104	3/4	27,797	3/4	43,516	3/4	59,255	3/4	75,002	3/4	90,749	3/4	106,496	3/4	122,243	3/4	137,990	3/4	153,737
11	12,432	11	28,125	11	43,843	11	59,583	11	75,330	11	91,077	11	106,824	11	122,571	11	138,318	11	154,065
1/4	12,761	1/4	28,453	1/4	44,170	1/4	59,911	1/4	75,658	1/4	91,405	1/4	107,152	1/4	122,899	1/4	138,646	1/4	154,393
1/2	13,089	1/2	28,782	1/2	44,497	1/2	60,240	1/2	75,987	1/2	91,734	1/2	107,481	1/2	123,228	1/2	138,975	1/2	154,722
3/4	13,418	3/4	29,110	3/4	44,824	3/4	60,568	3/4	76,315	3/4	92,062	3/4	107,809	3/4	123,556	3/4	139,303	3/4	155,050

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 AT THE EXPANSION DOME
CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 7033"

1 STBD 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	155,378	0	171,125	0	186,800	0		0		0		0		0		0		0	
1/4	155,706	1/4	171,453	1/4	187,074	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,034	1/2	171,781	1/2	187,348	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,362	3/4	172,109	3/4	187,621	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	156,690	1	172,437	1	187,895	1		1		1		1		1		1		1	
1/4	157,018	1/4	172,765	1/4	188,132	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,346	1/2	173,093	1/2	188,369	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,674	3/4	173,421	3/4	188,606	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	158,002	2	173,749	2	188,843	2		2		2		2		2		2		2	
1/4	158,330	1/4	174,077	1/4	189,044	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,658	1/2	174,405	1/2	189,245	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,986	3/4	174,733	3/4	189,445	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	159,314	3	175,061	3	189,646	3		3		3		3		3		3		3	
1/4	159,642	1/4	175,389	1/4	189,810	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,971	1/2	175,718	1/2	189,975	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,299	3/4	176,046	3/4	190,139	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	160,627	4	176,374	4	190,303	4		4		4		4		4		4		4	
1/4	160,955	1/4	176,702	1/4	190,431	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,283	1/2	177,030	1/2	190,558	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,611	3/4	177,358	3/4	190,686	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	161,939	5	177,686	5	190,813	5		5		5		5		5		5		5	
1/4	162,267	1/4	178,014	1/4	190,904	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,595	1/2	178,342	1/2	190,996	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,923	3/4	178,670	3/4	191,087	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	163,251	6	178,998	6	191,178	6		6		6		6		6		6		6	
1/4	163,579	1/4	179,326	1/4	191,233	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,907	1/2	179,654	1/2	191,288	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,235	3/4	179,982	3/4	191,342	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	164,563	7	180,310	7	191,397	7		7		7		7		7		7		7	
1/4	164,891	1/4	180,638	1/4	191,415	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,220	1/2	180,967	1/2	191,434	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,548	3/4	181,295	3/4	191,452	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	165,876	8	181,623	8	191,470	8		8		8		8		8		8		8	
1/4	166,204	1/4	181,951	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,532	1/2	182,279	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,860	3/4	182,607	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	167,188	9	182,935	9		9		9		9		9		9		9		9	
1/4	167,516	1/4	183,263	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,844	1/2	183,591	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168,172	3/4	183,919	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	168,500	10	184,247	10		10		10		10		10		10		10		10	
1/4	168,828	1/4	184,575	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169,156	1/2	184,903	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,484	3/4	185,231	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	169,812	11	185,559	11		11		11		11		11		11		11		11	
1/4	170,140	1/4	185,869	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	170,469	1/2	186,180	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	170,797	3/4	186,490	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: 09/08/2009 INSP
RECALCULATED: 08/17/2019 PMA
REPRINTED: 08/17/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
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BARGE "CBC 7033"

2 PORT 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	104	0	13,415	0	28,729	0	44,064	0	59,447	0	74,832	0	90,218	0	105,604	0	120,990	0	136,375
1/4	184	1/4	13,736	1/4	29,050	1/4	44,384	1/4	59,768	1/4	75,153	1/4	90,539	1/4	105,925	1/4	121,311	1/4	136,696
1/2	265	1/2	14,056	1/2	29,370	1/2	44,704	1/2	60,088	1/2	75,474	1/2	90,859	1/2	106,245	1/2	121,631	1/2	137,017
3/4	345	3/4	14,377	3/4	29,691	3/4	45,023	3/4	60,409	3/4	75,794	3/4	91,180	3/4	106,566	3/4	121,952	3/4	137,337
1	425	1	14,697	1	30,011	1	45,343	1	60,729	1	76,115	1	91,500	1	106,886	1	122,272	1	137,658
1/4	582	1/4	15,018	1/4	30,332	1/4	45,664	1/4	61,050	1/4	76,436	1/4	91,821	1/4	107,207	1/4	122,593	1/4	137,979
1/2	740	1/2	15,338	1/2	30,652	1/2	45,984	1/2	61,370	1/2	76,756	1/2	92,142	1/2	107,527	1/2	122,913	1/2	138,299
3/4	897	3/4	15,659	3/4	30,973	3/4	46,305	3/4	61,691	3/4	77,077	3/4	92,462	3/4	107,848	3/4	123,234	3/4	138,620
2	1,054	2	15,979	2	31,293	2	46,625	2	62,011	2	77,397	2	92,783	2	108,168	2	123,554	2	138,940
1/4	1,288	1/4	16,300	1/4	31,613	1/4	46,946	1/4	62,332	1/4	77,718	1/4	93,104	1/4	108,489	1/4	123,875	1/4	139,261
1/2	1,523	1/2	16,620	1/2	31,933	1/2	47,266	1/2	62,652	1/2	78,038	1/2	93,424	1/2	108,809	1/2	124,195	1/2	139,581
3/4	1,757	3/4	16,941	3/4	32,253	3/4	47,587	3/4	62,973	3/4	78,359	3/4	93,745	3/4	109,130	3/4	124,516	3/4	139,902
3	1,991	3	17,261	3	32,573	3	47,907	3	63,293	3	78,679	3	94,065	3	109,450	3	124,836	3	140,222
1/4	2,286	1/4	17,579	1/4	32,892	1/4	48,228	1/4	63,614	1/4	79,000	1/4	94,386	1/4	109,771	1/4	125,157	1/4	140,543
1/2	2,580	1/2	17,896	1/2	33,211	1/2	48,549	1/2	63,934	1/2	79,320	1/2	94,706	1/2	110,092	1/2	125,477	1/2	140,863
3/4	2,875	3/4	18,214	3/4	33,530	3/4	48,869	3/4	64,255	3/4	79,641	3/4	95,027	3/4	110,412	3/4	125,798	3/4	141,184
4	3,169	4	18,531	4	33,849	4	49,190	4	64,575	4	79,961	4	95,347	4	110,733	4	126,118	4	141,504
1/4	3,487	1/4	18,846	1/4	34,168	1/4	49,511	1/4	64,896	1/4	80,282	1/4	95,668	1/4	111,054	1/4	126,439	1/4	141,825
1/2	3,804	1/2	19,160	1/2	34,488	1/2	49,831	1/2	65,216	1/2	80,602	1/2	95,988	1/2	111,374	1/2	126,759	1/2	142,145
3/4	4,122	3/4	19,475	3/4	34,807	3/4	50,152	3/4	65,537	3/4	80,923	3/4	96,309	3/4	111,695	3/4	127,080	3/4	142,466
5	4,439	5	19,789	5	35,126	5	50,472	5	65,857	5	81,243	5	96,629	5	112,015	5	127,400	5	142,786
1/4	4,760	1/4	20,104	1/4	35,445	1/4	50,793	1/4	66,178	1/4	81,564	1/4	96,950	1/4	112,336	1/4	127,721	1/4	143,107
1/2	5,081	1/2	20,419	1/2	35,765	1/2	51,113	1/2	66,499	1/2	81,884	1/2	97,270	1/2	112,656	1/2	128,042	1/2	143,427
3/4	5,401	3/4	20,733	3/4	36,084	3/4	51,434	3/4	66,819	3/4	82,205	3/4	97,591	3/4	112,977	3/4	128,362	3/4	143,748
6	5,722	6	21,048	6	36,403	6	51,754	6	67,140	6	82,525	6	97,911	6	113,297	6	128,683	6	144,068
1/4	6,043	1/4	21,366	1/4	36,722	1/4	52,075	1/4	67,461	1/4	82,846	1/4	98,232	1/4	113,618	1/4	129,004	1/4	144,389
1/2	6,363	1/2	21,683	1/2	37,042	1/2	52,395	1/2	67,781	1/2	83,167	1/2	98,552	1/2	113,938	1/2	129,324	1/2	144,709
3/4	6,684	3/4	22,001	3/4	37,361	3/4	52,716	3/4	68,102	3/4	83,487	3/4	98,873	3/4	114,259	3/4	129,645	3/4	145,030
7	7,004	7	22,318	7	37,680	7	53,036	7	68,422	7	83,808	7	99,193	7	114,579	7	129,965	7	145,350
1/4	7,325	1/4	22,639	1/4	37,999	1/4	53,357	1/4	68,743	1/4	84,129	1/4	99,514	1/4	114,900	1/4	130,286	1/4	145,671
1/2	7,645	1/2	22,959	1/2	38,319	1/2	53,677	1/2	69,063	1/2	84,449	1/2	99,834	1/2	115,220	1/2	130,606	1/2	145,992
3/4	7,966	3/4	23,280	3/4	38,638	3/4	53,998	3/4	69,384	3/4	84,770	3/4	100,155	3/4	115,541	3/4	130,927	3/4	146,312
8	8,286	8	23,600	8	38,957	8	54,318	8	69,704	8	85,090	8	100,475	8	115,861	8	131,247	8	146,633
1/4	8,607	1/4	23,921	1/4	39,276	1/4	54,639	1/4	70,025	1/4	85,411	1/4	100,796	1/4	116,182	1/4	131,568	1/4	146,954
1/2	8,927	1/2	24,241	1/2	39,595	1/2	54,959	1/2	70,345	1/2	85,731	1/2	101,117	1/2	116,502	1/2	131,888	1/2	147,274
3/4	9,248	3/4	24,562	3/4	39,914	3/4	55,280	3/4	70,666	3/4	86,052	3/4	101,437	3/4	116,823	3/4	132,209	3/4	147,595
9	9,568	9	24,882	9	40,233	9	55,600	9	70,986	9	86,372	9	101,758	9	117,143	9	132,529	9	147,915
1/4	9,889	1/4	25,203	1/4	40,552	1/4	55,921	1/4	71,307	1/4	86,693	1/4	102,079	1/4	117,464	1/4	132,850	1/4	148,236
1/2	10,209	1/2	25,523	1/2	40,872	1/2	56,241	1/2	71,627	1/2	87,013	1/2	102,399	1/2	117,784	1/2	133,170	1/2	148,556
3/4	10,530	3/4	25,844	3/4	41,191	3/4	56,562	3/4	71,948	3/4	87,334	3/4	102,720	3/4	118,105	3/4	133,491	3/4	148,877
10	10,850	10	26,164	10	41,510	10	56,882	10	72,268	10	87,654	10	103,040	10	118,425	10	133,811	10	149,197
1/4	11,171	1/4	26,485	1/4	41,829	1/4	57,203	1/4	72,589	1/4	87,975	1/4	103,361	1/4	118,746	1/4	134,132	1/4	149,518
1/2	11,491	1/2	26,805	1/2	42,149	1/2	57,524	1/2	72,909	1/2	88,295	1/2	103,681	1/2	119,067	1/2	134,452	1/2	149,838
3/4	11,812	3/4	27,126	3/4	42,468	3/4	57,844	3/4	73,230	3/4	88,616	3/4	104,002	3/4	119,387	3/4	134,773	3/4	150,159
11	12,132	11	27,446	11	42,787	11	58,165	11	73,550	11	88,936	11	104,322	11	119,708	11	135,093	11	150,479
1/4	12,453	1/4	27,767	1/4	43,106	1/4	58,486	1/4	73,871	1/4	89,257	1/4	104,643	1/4	120,029	1/4	135,414	1/4	150,800
1/2	12,774	1/2	28,088	1/2	43,426	1/2	58,806	1/2	74,191	1/2	89,577	1/2	104,963	1/2	120,349	1/2	135,734	1/2	151,120
3/4	13,094	3/4	28,408	3/4	43,745	3/4	59,127	3/4	74,512	3/4	89,898	3/4	105,284	3/4	120,670	3/4	136,055	3/4	151,441

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 AT THE EXPANSION DOME
CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 7033"

2 PORT 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	151,761	0	167,147	0	182,461	0		0		0		0		0		0		0	
1/4	152,082	1/4	167,468	1/4	182,728	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,402	1/2	167,788	1/2	182,996	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,723	3/4	168,109	3/4	183,263	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	153,043	1	168,429	1	183,530	1		1		1		1		1		1		1	
1/4	153,364	1/4	168,750	1/4	183,762	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,684	1/2	169,070	1/2	183,993	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,005	3/4	169,391	3/4	184,225	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	154,325	2	169,711	2	184,456	2		2		2		2		2		2		2	
1/4	154,646	1/4	170,032	1/4	184,652	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,967	1/2	170,352	1/2	184,848	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,287	3/4	170,673	3/4	185,043	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	155,608	3	170,993	3	185,239	3		3		3		3		3		3		3	
1/4	155,929	1/4	171,314	1/4	185,399	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,249	1/2	171,634	1/2	185,560	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,570	3/4	171,955	3/4	185,720	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	156,890	4	172,275	4	185,880	4		4		4		4		4		4		4	
1/4	157,211	1/4	172,596	1/4	186,005	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,531	1/2	172,917	1/2	186,130	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,852	3/4	173,237	3/4	186,254	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	158,172	5	173,558	5	186,379	5		5		5		5		5		5		5	
1/4	158,493	1/4	173,879	1/4	186,468	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,813	1/2	174,199	1/2	186,557	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,134	3/4	174,520	3/4	186,646	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	159,454	6	174,840	6	186,735	6		6		6		6		6		6		6	
1/4	159,775	1/4	175,161	1/4	186,788	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,095	1/2	175,481	1/2	186,842	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,416	3/4	175,802	3/4	186,895	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	160,736	7	176,122	7	186,948	7		7		7		7		7		7		7	
1/4	161,057	1/4	176,443	1/4	186,966	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,377	1/2	176,763	1/2	186,984	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,698	3/4	177,084	3/4	187,001	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	162,018	8	177,404	8	187,019	8		8		8		8		8		8		8	
1/4	162,339	1/4	177,725	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,659	1/2	178,045	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,980	3/4	178,366	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	163,300	9	178,686	9		9		9		9		9		9		9		9	
1/4	163,621	1/4	179,007	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,942	1/2	179,327	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,262	3/4	179,648	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	164,583	10	179,968	10		10		10		10		10		10		10		10	
1/4	164,904	1/4	180,289	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,224	1/2	180,609	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,545	3/4	180,930	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	165,865	11	181,250	11		11		11		11		11		11		11		11	
1/4	166,186	1/4	181,553	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,506	1/2	181,856	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,827	3/4	182,158	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: 09/08/2009 INSP
RECALCULATED: 08/17/2019 PMA
REPRINTED: 08/17/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
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BARGE "CBC 7033"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	104	0	13,415	0	28,729	0	44,064	0	59,447	0	74,832	0	90,218	0	105,604	0	120,990	0	136,375
1/4	184	1/4	13,736	1/4	29,050	1/4	44,384	1/4	59,768	1/4	75,153	1/4	90,539	1/4	105,925	1/4	121,311	1/4	136,696
1/2	265	1/2	14,056	1/2	29,370	1/2	44,704	1/2	60,088	1/2	75,474	1/2	90,859	1/2	106,245	1/2	121,631	1/2	137,017
3/4	345	3/4	14,377	3/4	29,691	3/4	45,023	3/4	60,409	3/4	75,794	3/4	91,180	3/4	106,566	3/4	121,952	3/4	137,337
1	425	1	14,697	1	30,011	1	45,343	1	60,729	1	76,115	1	91,500	1	106,886	1	122,272	1	137,658
1/4	582	1/4	15,018	1/4	30,332	1/4	45,664	1/4	61,050	1/4	76,436	1/4	91,821	1/4	107,207	1/4	122,593	1/4	137,979
1/2	740	1/2	15,338	1/2	30,652	1/2	45,984	1/2	61,370	1/2	76,756	1/2	92,142	1/2	107,527	1/2	122,913	1/2	138,299
3/4	897	3/4	15,659	3/4	30,973	3/4	46,305	3/4	61,691	3/4	77,077	3/4	92,462	3/4	107,848	3/4	123,234	3/4	138,620
2	1,054	2	15,979	2	31,293	2	46,625	2	62,011	2	77,397	2	92,783	2	108,168	2	123,554	2	138,940
1/4	1,288	1/4	16,300	1/4	31,613	1/4	46,946	1/4	62,332	1/4	77,718	1/4	93,104	1/4	108,489	1/4	123,875	1/4	139,261
1/2	1,523	1/2	16,620	1/2	31,933	1/2	47,266	1/2	62,652	1/2	78,038	1/2	93,424	1/2	108,809	1/2	124,195	1/2	139,581
3/4	1,757	3/4	16,941	3/4	32,253	3/4	47,587	3/4	62,973	3/4	78,359	3/4	93,745	3/4	109,130	3/4	124,516	3/4	139,902
3	1,991	3	17,261	3	32,573	3	47,907	3	63,293	3	78,679	3	94,065	3	109,450	3	124,836	3	140,222
1/4	2,286	1/4	17,579	1/4	32,892	1/4	48,228	1/4	63,614	1/4	79,000	1/4	94,386	1/4	109,771	1/4	125,157	1/4	140,543
1/2	2,580	1/2	17,896	1/2	33,211	1/2	48,549	1/2	63,934	1/2	79,320	1/2	94,706	1/2	110,092	1/2	125,477	1/2	140,863
3/4	2,875	3/4	18,214	3/4	33,530	3/4	48,869	3/4	64,255	3/4	79,641	3/4	95,027	3/4	110,412	3/4	125,798	3/4	141,184
4	3,169	4	18,531	4	33,849	4	49,190	4	64,575	4	79,961	4	95,347	4	110,733	4	126,118	4	141,504
1/4	3,487	1/4	18,846	1/4	34,168	1/4	49,511	1/4	64,896	1/4	80,282	1/4	95,668	1/4	111,054	1/4	126,439	1/4	141,825
1/2	3,804	1/2	19,160	1/2	34,488	1/2	49,831	1/2	65,216	1/2	80,602	1/2	95,988	1/2	111,374	1/2	126,759	1/2	142,145
3/4	4,122	3/4	19,475	3/4	34,807	3/4	50,152	3/4	65,537	3/4	80,923	3/4	96,309	3/4	111,695	3/4	127,080	3/4	142,466
5	4,439	5	19,789	5	35,126	5	50,472	5	65,857	5	81,243	5	96,629	5	112,015	5	127,400	5	142,786
1/4	4,760	1/4	20,104	1/4	35,445	1/4	50,793	1/4	66,178	1/4	81,564	1/4	96,950	1/4	112,336	1/4	127,721	1/4	143,107
1/2	5,081	1/2	20,419	1/2	35,765	1/2	51,113	1/2	66,499	1/2	81,884	1/2	97,270	1/2	112,656	1/2	128,042	1/2	143,427
3/4	5,401	3/4	20,733	3/4	36,084	3/4	51,434	3/4	66,819	3/4	82,205	3/4	97,591	3/4	112,977	3/4	128,362	3/4	143,748
6	5,722	6	21,048	6	36,403	6	51,754	6	67,140	6	82,525	6	97,911	6	113,297	6	128,683	6	144,068
1/4	6,043	1/4	21,366	1/4	36,722	1/4	52,075	1/4	67,461	1/4	82,846	1/4	98,232	1/4	113,618	1/4	129,004	1/4	144,389
1/2	6,363	1/2	21,683	1/2	37,042	1/2	52,395	1/2	67,781	1/2	83,167	1/2	98,552	1/2	113,938	1/2	129,324	1/2	144,709
3/4	6,684	3/4	22,001	3/4	37,361	3/4	52,716	3/4	68,102	3/4	83,487	3/4	98,873	3/4	114,259	3/4	129,645	3/4	145,030
7	7,004	7	22,318	7	37,680	7	53,036	7	68,422	7	83,808	7	99,193	7	114,579	7	129,965	7	145,350
1/4	7,325	1/4	22,639	1/4	37,999	1/4	53,357	1/4	68,743	1/4	84,129	1/4	99,514	1/4	114,900	1/4	130,286	1/4	145,671
1/2	7,645	1/2	22,959	1/2	38,319	1/2	53,677	1/2	69,063	1/2	84,449	1/2	99,834	1/2	115,220	1/2	130,606	1/2	145,992
3/4	7,966	3/4	23,280	3/4	38,638	3/4	53,998	3/4	69,384	3/4	84,770	3/4	100,155	3/4	115,541	3/4	130,927	3/4	146,312
8	8,286	8	23,600	8	38,957	8	54,318	8	69,704	8	85,090	8	100,475	8	115,861	8	131,247	8	146,633
1/4	8,607	1/4	23,921	1/4	39,276	1/4	54,639	1/4	70,025	1/4	85,411	1/4	100,796	1/4	116,182	1/4	131,568	1/4	146,954
1/2	8,927	1/2	24,241	1/2	39,595	1/2	54,959	1/2	70,345	1/2	85,731	1/2	101,117	1/2	116,502	1/2	131,888	1/2	147,274
3/4	9,248	3/4	24,562	3/4	39,914	3/4	55,280	3/4	70,666	3/4	86,052	3/4	101,437	3/4	116,823	3/4	132,209	3/4	147,595
9	9,568	9	24,882	9	40,233	9	55,600	9	70,986	9	86,372	9	101,758	9	117,143	9	132,529	9	147,915
1/4	9,889	1/4	25,203	1/4	40,552	1/4	55,921	1/4	71,307	1/4	86,693	1/4	102,079	1/4	117,464	1/4	132,850	1/4	148,236
1/2	10,209	1/2	25,523	1/2	40,872	1/2	56,241	1/2	71,627	1/2	87,013	1/2	102,399	1/2	117,784	1/2	133,170	1/2	148,556
3/4	10,530	3/4	25,844	3/4	41,191	3/4	56,562	3/4	71,948	3/4	87,334	3/4	102,720	3/4	118,105	3/4	133,491	3/4	148,877
10	10,850	10	26,164	10	41,510	10	56,882	10	72,268	10	87,654	10	103,040	10	118,425	10	133,811	10	149,197
1/4	11,171	1/4	26,485	1/4	41,829	1/4	57,203	1/4	72,589	1/4	87,975	1/4	103,361	1/4	118,746	1/4	134,132	1/4	149,518
1/2	11,491	1/2	26,805	1/2	42,149	1/2	57,524	1/2	72,909	1/2	88,295	1/2	103,681	1/2	119,067	1/2	134,452	1/2	149,838
3/4	11,812	3/4	27,126	3/4	42,468	3/4	57,844	3/4	73,230	3/4	88,616	3/4	104,002	3/4	119,387	3/4	134,773	3/4	150,159
11	12,132	11	27,446	11	42,787	11	58,165	11	73,550	11	88,936	11	104,322	11	119,708	11	135,093	11	150,479
1/4	12,453	1/4	27,767	1/4	43,106	1/4	58,486	1/4	73,871	1/4	89,257	1/4	104,643	1/4	120,029	1/4	135,414	1/4	150,800
1/2	12,774	1/2	28,088	1/2	43,426	1/2	58,806	1/2	74,191	1/2	89,577	1/2	104,963	1/2	120,349	1/2	135,734	1/2	151,120
3/4	13,094	3/4	28,408	3/4	43,745	3/4	59,127	3/4	74,512	3/4	89,898	3/4	105,284	3/4	120,670	3/4	136,055	3/4	151,441

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 AT THE EXPANSION DOME
CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 7033"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,761	0	167,147	0	182,461	0		0		0		0		0		0		0	
1/4	152,082	1/4	167,468	1/4	182,728	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,402	1/2	167,788	1/2	182,996	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,723	3/4	168,109	3/4	183,263	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	153,043	1	168,429	1	183,530	1		1		1		1		1		1		1	
1/4	153,364	1/4	168,750	1/4	183,762	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,684	1/2	169,070	1/2	183,993	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,005	3/4	169,391	3/4	184,225	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	154,325	2	169,711	2	184,456	2		2		2		2		2		2		2	
1/4	154,646	1/4	170,032	1/4	184,652	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,967	1/2	170,352	1/2	184,848	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,287	3/4	170,673	3/4	185,043	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	155,608	3	170,993	3	185,239	3		3		3		3		3		3		3	
1/4	155,929	1/4	171,314	1/4	185,399	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,249	1/2	171,634	1/2	185,560	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,570	3/4	171,955	3/4	185,720	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	156,890	4	172,275	4	185,880	4		4		4		4		4		4		4	
1/4	157,211	1/4	172,596	1/4	186,005	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,531	1/2	172,917	1/2	186,130	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,852	3/4	173,237	3/4	186,254	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	158,172	5	173,558	5	186,379	5		5		5		5		5		5		5	
1/4	158,493	1/4	173,879	1/4	186,468	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,813	1/2	174,199	1/2	186,557	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,134	3/4	174,520	3/4	186,646	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	159,454	6	174,840	6	186,735	6		6		6		6		6		6		6	
1/4	159,775	1/4	175,161	1/4	186,788	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,095	1/2	175,481	1/2	186,842	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,416	3/4	175,802	3/4	186,895	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	160,736	7	176,122	7	186,948	7		7		7		7		7		7		7	
1/4	161,057	1/4	176,443	1/4	186,966	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,377	1/2	176,763	1/2	186,984	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,698	3/4	177,084	3/4	187,001	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	162,018	8	177,404	8	187,019	8		8		8		8		8		8		8	
1/4	162,339	1/4	177,725	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,659	1/2	178,045	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,980	3/4	178,366	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	163,300	9	178,686	9		9		9		9		9		9		9		9	
1/4	163,621	1/4	179,007	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,942	1/2	179,327	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,262	3/4	179,648	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	164,583	10	179,968	10		10		10		10		10		10		10		10	
1/4	164,904	1/4	180,289	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,224	1/2	180,609	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,545	3/4	180,930	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	165,865	11	181,250	11		11		11		11		11		11		11		11	
1/4	166,186	1/4	181,553	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,506	1/2	181,856	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,827	3/4	182,158	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: 09/08/2009 INSP
RECALCULATED: 08/17/2019 PMA
REPRINTED: 08/17/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
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BARGE "CBC 7033"

3 PORT 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	105	0	13,654	0	29,243	0	44,853	0	60,449	0	76,046	0	91,642	0	107,238	0	122,834	0	138,431
1/4	187	1/4	13,980	1/4	29,570	1/4	45,178	1/4	60,774	1/4	76,371	1/4	91,967	1/4	107,563	1/4	123,159	1/4	138,756
1/2	268	1/2	14,307	1/2	29,896	1/2	45,503	1/2	61,099	1/2	76,696	1/2	92,292	1/2	107,888	1/2	123,484	1/2	139,081
3/4	350	3/4	14,633	3/4	30,223	3/4	45,828	3/4	61,424	3/4	77,020	3/4	92,617	3/4	108,213	3/4	123,809	3/4	139,405
1	431	1	14,959	1	30,549	1	46,153	1	61,749	1	77,345	1	92,942	1	108,538	1	124,134	1	139,730
1/4	591	1/4	15,285	1/4	30,875	1/4	46,478	1/4	62,074	1/4	77,670	1/4	93,267	1/4	108,863	1/4	124,459	1/4	140,055
1/2	751	1/2	15,612	1/2	31,202	1/2	46,803	1/2	62,399	1/2	77,995	1/2	93,592	1/2	109,188	1/2	124,784	1/2	140,380
3/4	910	3/4	15,938	3/4	31,528	3/4	47,127	3/4	62,724	3/4	78,320	3/4	93,916	3/4	109,513	3/4	125,109	3/4	140,705
2	1,070	2	16,264	2	31,854	2	47,452	2	63,049	2	78,645	2	94,241	2	109,838	2	125,434	2	141,030
1/4	1,309	1/4	16,590	1/4	32,180	1/4	47,777	1/4	63,374	1/4	78,970	1/4	94,566	1/4	110,163	1/4	125,759	1/4	141,355
1/2	1,548	1/2	16,917	1/2	32,505	1/2	48,102	1/2	63,699	1/2	79,295	1/2	94,891	1/2	110,488	1/2	126,084	1/2	141,680
3/4	1,786	3/4	17,243	3/4	32,831	3/4	48,427	3/4	64,023	3/4	79,620	3/4	95,216	3/4	110,812	3/4	126,409	3/4	142,005
3	2,025	3	17,569	3	33,156	3	48,752	3	64,348	3	79,945	3	95,541	3	111,137	3	126,734	3	142,330
1/4	2,325	1/4	17,892	1/4	33,481	1/4	49,077	1/4	64,673	1/4	80,270	1/4	95,866	1/4	111,462	1/4	127,059	1/4	142,655
1/2	2,625	1/2	18,216	1/2	33,806	1/2	49,402	1/2	64,998	1/2	80,595	1/2	96,191	1/2	111,787	1/2	127,384	1/2	142,980
3/4	2,924	3/4	18,539	3/4	34,131	3/4	49,727	3/4	65,323	3/4	80,919	3/4	96,516	3/4	112,112	3/4	127,708	3/4	143,305
4	3,224	4	18,862	4	34,456	4	50,052	4	65,648	4	81,244	4	96,841	4	112,437	4	128,033	4	143,630
1/4	3,547	1/4	19,182	1/4	34,781	1/4	50,377	1/4	65,973	1/4	81,569	1/4	97,166	1/4	112,762	1/4	128,358	1/4	143,955
1/2	3,871	1/2	19,503	1/2	35,106	1/2	50,702	1/2	66,298	1/2	81,894	1/2	97,491	1/2	113,087	1/2	128,683	1/2	144,280
3/4	4,194	3/4	19,823	3/4	35,430	3/4	51,026	3/4	66,623	3/4	82,219	3/4	97,815	3/4	113,412	3/4	129,008	3/4	144,604
5	4,517	5	20,143	5	35,755	5	51,351	5	66,948	5	82,544	5	98,140	5	113,737	5	129,333	5	144,929
1/4	4,843	1/4	20,463	1/4	36,080	1/4	51,676	1/4	67,273	1/4	82,869	1/4	98,465	1/4	114,062	1/4	129,658	1/4	145,254
1/2	5,170	1/2	20,784	1/2	36,405	1/2	52,001	1/2	67,598	1/2	83,194	1/2	98,790	1/2	114,387	1/2	129,983	1/2	145,579
3/4	5,496	3/4	21,104	3/4	36,730	3/4	52,326	3/4	67,922	3/4	83,519	3/4	99,115	3/4	114,711	3/4	130,308	3/4	145,904
6	5,822	6	21,424	6	37,055	6	52,651	6	68,247	6	83,844	6	99,440	6	115,036	6	130,633	6	146,229
1/4	6,149	1/4	21,747	1/4	37,380	1/4	52,976	1/4	68,572	1/4	84,169	1/4	99,765	1/4	115,361	1/4	130,958	1/4	146,554
1/2	6,475	1/2	22,071	1/2	37,705	1/2	53,301	1/2	68,897	1/2	84,494	1/2	100,090	1/2	115,686	1/2	131,283	1/2	146,879
3/4	6,802	3/4	22,394	3/4	38,030	3/4	53,626	3/4	69,222	3/4	84,818	3/4	100,415	3/4	116,011	3/4	131,607	3/4	147,204
7	7,128	7	22,717	7	38,355	7	53,951	7	69,547	7	85,143	7	100,740	7	116,336	7	131,932	7	147,529
1/4	7,454	1/4	23,044	1/4	38,680	1/4	54,276	1/4	69,872	1/4	85,468	1/4	101,065	1/4	116,661	1/4	132,257	1/4	147,854
1/2	7,781	1/2	23,370	1/2	39,005	1/2	54,601	1/2	70,197	1/2	85,793	1/2	101,390	1/2	116,986	1/2	132,582	1/2	148,179
3/4	8,107	3/4	23,697	3/4	39,329	3/4	54,925	3/4	70,522	3/4	86,118	3/4	101,714	3/4	117,311	3/4	132,907	3/4	148,503
8	8,433	8	24,023	8	39,654	8	55,250	8	70,847	8	86,443	8	102,039	8	117,636	8	133,232	8	148,828
1/4	8,759	1/4	24,349	1/4	39,979	1/4	55,575	1/4	71,172	1/4	86,768	1/4	102,364	1/4	117,961	1/4	133,557	1/4	149,153
1/2	9,086	1/2	24,676	1/2	40,304	1/2	55,900	1/2	71,497	1/2	87,093	1/2	102,689	1/2	118,286	1/2	133,882	1/2	149,478
3/4	9,412	3/4	25,002	3/4	40,629	3/4	56,225	3/4	71,821	3/4	87,418	3/4	103,014	3/4	118,610	3/4	134,207	3/4	149,803
9	9,738	9	25,328	9	40,954	9	56,550	9	72,146	9	87,743	9	103,339	9	118,935	9	134,532	9	150,128
1/4	10,064	1/4	25,654	1/4	41,279	1/4	56,875	1/4	72,471	1/4	88,068	1/4	103,664	1/4	119,260	1/4	134,857	1/4	150,453
1/2	10,391	1/2	25,981	1/2	41,604	1/2	57,200	1/2	72,796	1/2	88,393	1/2	103,989	1/2	119,585	1/2	135,182	1/2	150,778
3/4	10,717	3/4	26,307	3/4	41,929	3/4	57,525	3/4	73,121	3/4	88,717	3/4	104,314	3/4	119,910	3/4	135,506	3/4	151,103
10	11,043	10	26,633	10	42,254	10	57,850	10	73,446	10	89,042	10	104,639	10	120,235	10	135,831	10	151,428
1/4	11,369	1/4	26,959	1/4	42,579	1/4	58,175	1/4	73,771	1/4	89,367	1/4	104,964	1/4	120,560	1/4	136,156	1/4	151,753
1/2	11,696	1/2	27,286	1/2	42,904	1/2	58,500	1/2	74,096	1/2	89,692	1/2	105,289	1/2	120,885	1/2	136,481	1/2	152,078
3/4	12,022	3/4	27,612	3/4	43,228	3/4	58,825	3/4	74,421	3/4	90,017	3/4	105,613	3/4	121,210	3/4	136,806	3/4	152,402
11	12,348	11	27,938	11	43,553	11	59,150	11	74,746	11	90,342	11	105,938	11	121,535	11	137,131	11	152,727
1/4	12,675	1/4	28,264	1/4	43,878	1/4	59,475	1/4	75,071	1/4	90,667	1/4	106,263	1/4	121,860	1/4	137,456	1/4	153,043
1/2	13,001	1/2	28,591	1/2	44,203	1/2	59,800	1/2	75,396	1/2	90,992	1/2	106,588	1/2	122,185	1/2	137,781	1/2	153,359
3/4	13,328	3/4	28,917	3/4	44,528	3/4	60,124	3/4	75,721	3/4	91,317	3/4	106,913	3/4	122,509	3/4	138,106	3/4	153,674

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 AT THE EXPANSION DOME
CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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PRECISION MEASUREMENT
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P.O. Box 2092
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<http://www.pmacorp.net>



BARGE "CBC 7033"

3 PORT 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	153,990	0	164,641	0	174,196	0		0		0		0		0		0		0	
1/4	154,285	1/4	164,841	1/4	174,363	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,580	1/2	165,041	1/2	174,530	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,874	3/4	165,241	3/4	174,696	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	155,169	1	165,441	1	174,863	1		1		1		1		1		1		1	
1/4	155,443	1/4	165,641	1/4	175,008	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,717	1/2	165,841	1/2	175,152	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,990	3/4	166,041	3/4	175,297	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	156,264	2	166,241	2	175,441	2		2		2		2		2		2		2	
1/4	156,517	1/4	166,441	1/4	175,564	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,769	1/2	166,641	1/2	175,686	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,022	3/4	166,841	3/4	175,809	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	157,274	3	167,041	3	175,931	3		3		3		3		3		3		3	
1/4	157,506	1/4	167,241	1/4	176,031	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,737	1/2	167,441	1/2	176,131	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,969	3/4	167,641	3/4	176,231	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	158,200	4	167,841	4	176,331	4		4		4		4		4		4		4	
1/4	158,411	1/4	168,041	1/4	176,409	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,621	1/2	168,241	1/2	176,487	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,832	3/4	168,440	3/4	176,564	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	159,042	5	168,640	5	176,642	5		5		5		5		5		5		5	
1/4	159,242	1/4	168,840	1/4	176,698	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,442	1/2	169,040	1/2	176,754	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,642	3/4	169,240	3/4	176,810	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	159,842	6	169,440	6	176,866	6		6		6		6		6		6		6	
1/4	160,042	1/4	169,640	1/4	176,899	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,242	1/2	169,840	1/2	176,933	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,442	3/4	170,040	3/4	176,966	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	160,642	7	170,240	7	176,999	7		7		7		7		7		7		7	
1/4	160,842	1/4	170,440	1/4	177,010	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,042	1/2	170,640	1/2	177,022	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,242	3/4	170,840	3/4	177,033	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	161,442	8	171,040	8	177,044	8		8		8		8		8		8		8	
1/4	161,642	1/4	171,240	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,842	1/2	171,440	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,042	3/4	171,640	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	162,242	9	171,840	9		9		9		9		9		9		9		9	
1/4	162,442	1/4	172,040	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,642	1/2	172,240	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,841	3/4	172,440	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	163,041	10	172,640	10		10		10		10		10		10		10		10	
1/4	163,241	1/4	172,840	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,441	1/2	173,040	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,641	3/4	173,239	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	163,841	11	173,439	11		11		11		11		11		11		11		11	
1/4	164,041	1/4	173,628	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,241	1/2	173,818	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,441	3/4	174,007	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: 09/08/2009 INSP
RECALCULATED: 08/17/2019 PMA
REPRINTED: 08/17/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 7033"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	105	0	13,654	0	29,243	0	44,853	0	60,449	0	76,046	0	91,642	0	107,238	0	122,834	0	138,431
1/4	187	1/4	13,980	1/4	29,570	1/4	45,178	1/4	60,774	1/4	76,371	1/4	91,967	1/4	107,563	1/4	123,159	1/4	138,756
1/2	268	1/2	14,307	1/2	29,896	1/2	45,503	1/2	61,099	1/2	76,696	1/2	92,292	1/2	107,888	1/2	123,484	1/2	139,081
3/4	350	3/4	14,633	3/4	30,223	3/4	45,828	3/4	61,424	3/4	77,020	3/4	92,617	3/4	108,213	3/4	123,809	3/4	139,405
1	431	1	14,959	1	30,549	1	46,153	1	61,749	1	77,345	1	92,942	1	108,538	1	124,134	1	139,730
1/4	591	1/4	15,285	1/4	30,875	1/4	46,478	1/4	62,074	1/4	77,670	1/4	93,267	1/4	108,863	1/4	124,459	1/4	140,055
1/2	751	1/2	15,612	1/2	31,202	1/2	46,803	1/2	62,399	1/2	77,995	1/2	93,592	1/2	109,188	1/2	124,784	1/2	140,380
3/4	910	3/4	15,938	3/4	31,528	3/4	47,127	3/4	62,724	3/4	78,320	3/4	93,916	3/4	109,513	3/4	125,109	3/4	140,705
2	1,070	2	16,264	2	31,854	2	47,452	2	63,049	2	78,645	2	94,241	2	109,838	2	125,434	2	141,030
1/4	1,309	1/4	16,590	1/4	32,180	1/4	47,777	1/4	63,374	1/4	78,970	1/4	94,566	1/4	110,163	1/4	125,759	1/4	141,355
1/2	1,548	1/2	16,917	1/2	32,505	1/2	48,102	1/2	63,699	1/2	79,295	1/2	94,891	1/2	110,488	1/2	126,084	1/2	141,680
3/4	1,786	3/4	17,243	3/4	32,831	3/4	48,427	3/4	64,023	3/4	79,620	3/4	95,216	3/4	110,812	3/4	126,409	3/4	142,005
3	2,025	3	17,569	3	33,156	3	48,752	3	64,348	3	79,945	3	95,541	3	111,137	3	126,734	3	142,330
1/4	2,325	1/4	17,892	1/4	33,481	1/4	49,077	1/4	64,673	1/4	80,270	1/4	95,866	1/4	111,462	1/4	127,059	1/4	142,655
1/2	2,625	1/2	18,216	1/2	33,806	1/2	49,402	1/2	64,998	1/2	80,595	1/2	96,191	1/2	111,787	1/2	127,384	1/2	142,980
3/4	2,924	3/4	18,539	3/4	34,131	3/4	49,727	3/4	65,323	3/4	80,919	3/4	96,516	3/4	112,112	3/4	127,708	3/4	143,305
4	3,224	4	18,862	4	34,456	4	50,052	4	65,648	4	81,244	4	96,841	4	112,437	4	128,033	4	143,630
1/4	3,547	1/4	19,182	1/4	34,781	1/4	50,377	1/4	65,973	1/4	81,569	1/4	97,166	1/4	112,762	1/4	128,358	1/4	143,955
1/2	3,871	1/2	19,503	1/2	35,106	1/2	50,702	1/2	66,298	1/2	81,894	1/2	97,491	1/2	113,087	1/2	128,683	1/2	144,280
3/4	4,194	3/4	19,823	3/4	35,430	3/4	51,026	3/4	66,623	3/4	82,219	3/4	97,815	3/4	113,412	3/4	129,008	3/4	144,604
5	4,517	5	20,143	5	35,755	5	51,351	5	66,948	5	82,544	5	98,140	5	113,737	5	129,333	5	144,929
1/4	4,843	1/4	20,463	1/4	36,080	1/4	51,676	1/4	67,273	1/4	82,869	1/4	98,465	1/4	114,062	1/4	129,658	1/4	145,254
1/2	5,170	1/2	20,784	1/2	36,405	1/2	52,001	1/2	67,598	1/2	83,194	1/2	98,790	1/2	114,387	1/2	129,983	1/2	145,579
3/4	5,496	3/4	21,104	3/4	36,730	3/4	52,326	3/4	67,922	3/4	83,519	3/4	99,115	3/4	114,711	3/4	130,308	3/4	145,904
6	5,822	6	21,424	6	37,055	6	52,651	6	68,247	6	83,844	6	99,440	6	115,036	6	130,633	6	146,229
1/4	6,149	1/4	21,747	1/4	37,380	1/4	52,976	1/4	68,572	1/4	84,169	1/4	99,765	1/4	115,361	1/4	130,958	1/4	146,554
1/2	6,475	1/2	22,071	1/2	37,705	1/2	53,301	1/2	68,897	1/2	84,494	1/2	100,090	1/2	115,686	1/2	131,283	1/2	146,879
3/4	6,802	3/4	22,394	3/4	38,030	3/4	53,626	3/4	69,222	3/4	84,818	3/4	100,415	3/4	116,011	3/4	131,607	3/4	147,204
7	7,128	7	22,717	7	38,355	7	53,951	7	69,547	7	85,143	7	100,740	7	116,336	7	131,932	7	147,529
1/4	7,454	1/4	23,044	1/4	38,680	1/4	54,276	1/4	69,872	1/4	85,468	1/4	101,065	1/4	116,661	1/4	132,257	1/4	147,854
1/2	7,781	1/2	23,370	1/2	39,005	1/2	54,601	1/2	70,197	1/2	85,793	1/2	101,390	1/2	116,986	1/2	132,582	1/2	148,179
3/4	8,107	3/4	23,697	3/4	39,329	3/4	54,925	3/4	70,522	3/4	86,118	3/4	101,714	3/4	117,311	3/4	132,907	3/4	148,503
8	8,433	8	24,023	8	39,654	8	55,250	8	70,847	8	86,443	8	102,039	8	117,636	8	133,232	8	148,828
1/4	8,759	1/4	24,349	1/4	39,979	1/4	55,575	1/4	71,172	1/4	86,768	1/4	102,364	1/4	117,961	1/4	133,557	1/4	149,153
1/2	9,086	1/2	24,676	1/2	40,304	1/2	55,900	1/2	71,497	1/2	87,093	1/2	102,689	1/2	118,286	1/2	133,882	1/2	149,478
3/4	9,412	3/4	25,002	3/4	40,629	3/4	56,225	3/4	71,821	3/4	87,418	3/4	103,014	3/4	118,610	3/4	134,207	3/4	149,803
9	9,738	9	25,328	9	40,954	9	56,550	9	72,146	9	87,743	9	103,339	9	118,935	9	134,532	9	150,128
1/4	10,064	1/4	25,654	1/4	41,279	1/4	56,875	1/4	72,471	1/4	88,068	1/4	103,664	1/4	119,260	1/4	134,857	1/4	150,453
1/2	10,391	1/2	25,981	1/2	41,604	1/2	57,200	1/2	72,796	1/2	88,393	1/2	103,989	1/2	119,585	1/2	135,182	1/2	150,778
3/4	10,717	3/4	26,307	3/4	41,929	3/4	57,525	3/4	73,121	3/4	88,717	3/4	104,314	3/4	119,910	3/4	135,506	3/4	151,103
10	11,043	10	26,633	10	42,254	10	57,850	10	73,446	10	89,042	10	104,639	10	120,235	10	135,831	10	151,428
1/4	11,369	1/4	26,959	1/4	42,579	1/4	58,175	1/4	73,771	1/4	89,367	1/4	104,964	1/4	120,560	1/4	136,156	1/4	151,753
1/2	11,696	1/2	27,286	1/2	42,904	1/2	58,500	1/2	74,096	1/2	89,692	1/2	105,289	1/2	120,885	1/2	136,481	1/2	152,078
3/4	12,022	3/4	27,612	3/4	43,228	3/4	58,825	3/4	74,421	3/4	90,017	3/4	105,613	3/4	121,210	3/4	136,806	3/4	152,402
11	12,348	11	27,938	11	43,553	11	59,150	11	74,746	11	90,342	11	105,938	11	121,535	11	137,131	11	152,727
1/4	12,675	1/4	28,264	1/4	43,878	1/4	59,475	1/4	75,071	1/4	90,667	1/4	106,263	1/4	121,860	1/4	137,456	1/4	153,043
1/2	13,001	1/2	28,591	1/2	44,203	1/2	59,800	1/2	75,396	1/2	90,992	1/2	106,588	1/2	122,185	1/2	137,781	1/2	153,359
3/4	13,328	3/4	28,917	3/4	44,528	3/4	60,124	3/4	75,721	3/4	91,317	3/4	106,913	3/4	122,509	3/4	138,106	3/4	153,674

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 AT THE EXPANSION DOME
CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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 7033"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	153,990	0	164,641	0	174,196	0		0		0		0		0		0		0	
1/4	154,285	1/4	164,841	1/4	174,363	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,580	1/2	165,041	1/2	174,530	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,874	3/4	165,241	3/4	174,696	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	155,169	1	165,441	1	174,863	1		1		1		1		1		1		1	
1/4	155,443	1/4	165,641	1/4	175,008	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,717	1/2	165,841	1/2	175,152	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,990	3/4	166,041	3/4	175,297	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	156,264	2	166,241	2	175,441	2		2		2		2		2		2		2	
1/4	156,517	1/4	166,441	1/4	175,564	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,769	1/2	166,641	1/2	175,686	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,022	3/4	166,841	3/4	175,809	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	157,274	3	167,041	3	175,931	3		3		3		3		3		3		3	
1/4	157,506	1/4	167,241	1/4	176,031	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,737	1/2	167,441	1/2	176,131	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,969	3/4	167,641	3/4	176,231	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	158,200	4	167,841	4	176,331	4		4		4		4		4		4		4	
1/4	158,411	1/4	168,041	1/4	176,409	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,621	1/2	168,241	1/2	176,487	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,832	3/4	168,440	3/4	176,564	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	159,042	5	168,640	5	176,642	5		5		5		5		5		5		5	
1/4	159,242	1/4	168,840	1/4	176,698	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,442	1/2	169,040	1/2	176,754	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,642	3/4	169,240	3/4	176,810	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	159,842	6	169,440	6	176,866	6		6		6		6		6		6		6	
1/4	160,042	1/4	169,640	1/4	176,899	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,242	1/2	169,840	1/2	176,933	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,442	3/4	170,040	3/4	176,966	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	160,642	7	170,240	7	176,999	7		7		7		7		7		7		7	
1/4	160,842	1/4	170,440	1/4	177,010	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,042	1/2	170,640	1/2	177,022	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,242	3/4	170,840	3/4	177,033	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	161,442	8	171,040	8	177,044	8		8		8		8		8		8		8	
1/4	161,642	1/4	171,240	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,842	1/2	171,440	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,042	3/4	171,640	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	162,242	9	171,840	9		9		9		9		9		9		9		9	
1/4	162,442	1/4	172,040	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,642	1/2	172,240	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,841	3/4	172,440	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	163,041	10	172,640	10		10		10		10		10		10		10		10	
1/4	163,241	1/4	172,840	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,441	1/2	173,040	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,641	3/4	173,239	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	163,841	11	173,439	11		11		11		11		11		11		11		11	
1/4	164,041	1/4	173,628	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,241	1/2	173,818	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,441	3/4	174,007	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: 09/08/2009 INSP
RECALCULATED: 08/17/2019 PMA
REPRINTED: 08/17/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 7033"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-05 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	191,087	0	178,670	0	162,923	0	147,176	0	131,429	0	115,682	0	99,935	0	84,188
1/4		1/4		1/4	190,996	1/4	178,342	1/4	162,595	1/4	146,848	1/4	131,101	1/4	115,354	1/4	99,607	1/4	83,860
1/2		1/2		1/2	190,904	1/2	178,014	1/2	162,267	1/2	146,520	1/2	130,773	1/2	115,026	1/2	99,279	1/2	83,532
3/4		3/4		3/4	190,813	3/4	177,686	3/4	161,939	3/4	146,192	3/4	130,445	3/4	114,698	3/4	98,951	3/4	83,204
1		1		1	190,686	1	177,358	1	161,611	1	145,864	1	130,117	1	114,370	1	98,623	1	82,876
1/4		1/4		1/4	190,558	1/4	177,030	1/4	161,283	1/4	145,536	1/4	129,789	1/4	114,042	1/4	98,295	1/4	82,548
1/2		1/2		1/2	190,431	1/2	176,702	1/2	160,955	1/2	145,208	1/2	129,461	1/2	113,714	1/2	97,967	1/2	82,220
3/4		3/4		3/4	190,303	3/4	176,374	3/4	160,627	3/4	144,880	3/4	129,133	3/4	113,386	3/4	97,639	3/4	81,892
2		2		2	190,139	2	176,046	2	160,299	2	144,552	2	128,805	2	113,058	2	97,311	2	81,564
1/4		1/4		1/4	189,975	1/4	175,718	1/4	159,971	1/4	144,224	1/4	128,477	1/4	112,730	1/4	96,983	1/4	81,236
1/2		1/2		1/2	189,810	1/2	175,389	1/2	159,642	1/2	143,895	1/2	128,148	1/2	112,401	1/2	96,654	1/2	80,907
3/4		3/4		3/4	189,646	3/4	175,061	3/4	159,314	3/4	143,567	3/4	127,820	3/4	112,073	3/4	96,326	3/4	80,579
3		3		3	189,445	3	174,733	3	158,986	3	143,239	3	127,492	3	111,745	3	95,998	3	80,251
1/4		1/4		1/4	189,245	1/4	174,405	1/4	158,658	1/4	142,911	1/4	127,164	1/4	111,417	1/4	95,670	1/4	79,923
1/2		1/2		1/2	189,044	1/2	174,077	1/2	158,330	1/2	142,583	1/2	126,836	1/2	111,089	1/2	95,342	1/2	79,595
3/4		3/4		3/4	188,843	3/4	173,749	3/4	158,002	3/4	142,255	3/4	126,508	3/4	110,761	3/4	95,014	3/4	79,267
4		4		4	188,606	4	173,421	4	157,674	4	141,927	4	126,180	4	110,433	4	94,686	4	78,939
1/4		1/4		1/4	188,369	1/4	173,093	1/4	157,346	1/4	141,599	1/4	125,852	1/4	110,105	1/4	94,358	1/4	78,611
1/2		1/2		1/2	188,132	1/2	172,765	1/2	157,018	1/2	141,271	1/2	125,524	1/2	109,777	1/2	94,030	1/2	78,283
3/4		3/4		3/4	187,895	3/4	172,437	3/4	156,690	3/4	140,943	3/4	125,196	3/4	109,449	3/4	93,702	3/4	77,955
5		5		5	187,621	5	172,109	5	156,362	5	140,615	5	124,868	5	109,121	5	93,374	5	77,627
1/4		1/4		1/4	187,348	1/4	171,781	1/4	156,034	1/4	140,287	1/4	124,540	1/4	108,793	1/4	93,046	1/4	77,299
1/2		1/2		1/2	187,074	1/2	171,453	1/2	155,706	1/2	139,959	1/2	124,212	1/2	108,465	1/2	92,718	1/2	76,971
3/4		3/4		3/4	186,800	3/4	171,125	3/4	155,378	3/4	139,631	3/4	123,884	3/4	108,137	3/4	92,390	3/4	76,643
6		6		6	186,490	6	170,797	6	155,050	6	139,303	6	123,556	6	107,809	6	92,062	6	76,315
1/4		1/4		1/4	186,180	1/4	170,469	1/4	154,722	1/4	138,975	1/4	123,228	1/4	107,481	1/4	91,734	1/4	75,987
1/2		1/2		1/2	185,869	1/2	170,140	1/2	154,393	1/2	138,646	1/2	122,899	1/2	107,152	1/2	91,405	1/2	75,658
3/4		3/4		3/4	185,559	3/4	169,812	3/4	154,065	3/4	138,318	3/4	122,571	3/4	106,824	3/4	91,077	3/4	75,330
7		7		7	185,231	7	169,484	7	153,737	7	137,990	7	122,243	7	106,496	7	90,749	7	75,002
1/4		1/4		1/4	184,903	1/4	169,156	1/4	153,409	1/4	137,662	1/4	121,915	1/4	106,168	1/4	90,421	1/4	74,674
1/2		1/2		1/2	184,575	1/2	168,828	1/2	153,081	1/2	137,334	1/2	121,587	1/2	105,840	1/2	90,093	1/2	74,346
3/4		3/4		3/4	184,247	3/4	168,500	3/4	152,753	3/4	137,006	3/4	121,259	3/4	105,512	3/4	89,765	3/4	74,018
8		8		8	183,919	8	168,172	8	152,425	8	136,678	8	120,931	8	105,184	8	89,437	8	73,690
1/4		1/4		1/4	183,591	1/4	167,844	1/4	152,097	1/4	136,350	1/4	120,603	1/4	104,856	1/4	89,109	1/4	73,362
1/2		1/2		1/2	183,263	1/2	167,516	1/2	151,769	1/2	136,022	1/2	120,275	1/2	104,528	1/2	88,781	1/2	73,034
3/4		3/4		3/4	182,935	3/4	167,188	3/4	151,441	3/4	135,694	3/4	119,947	3/4	104,200	3/4	88,453	3/4	72,706
9		9		9	182,607	9	166,860	9	151,113	9	135,366	9	119,619	9	103,872	9	88,125	9	72,378
1/4		1/4		1/4	182,279	1/4	166,532	1/4	150,785	1/4	135,038	1/4	119,291	1/4	103,544	1/4	87,797	1/4	72,050
1/2		1/2		1/2	181,951	1/2	166,204	1/2	150,457	1/2	134,710	1/2	118,963	1/2	103,216	1/2	87,469	1/2	71,722
3/4		3/4		3/4	191,470	3/4	181,623	3/4	165,876	3/4	150,129	3/4	118,635	3/4	102,888	3/4	87,141	3/4	71,394
10		10		10	191,452	10	181,295	10	165,548	10	149,801	10	118,307	10	102,560	10	86,813	10	71,066
1/4		1/4		1/4	191,434	1/4	180,967	1/4	165,220	1/4	149,473	1/4	117,979	1/4	102,232	1/4	86,485	1/4	70,738
1/2		1/2		1/2	191,415	1/2	180,638	1/2	164,891	1/2	149,144	1/2	117,650	1/2	101,903	1/2	86,156	1/2	70,409
3/4		3/4		3/4	191,397	3/4	180,310	3/4	164,563	3/4	148,816	3/4	117,322	3/4	101,575	3/4	85,828	3/4	70,081
11		11		11	191,342	11	179,982	11	164,235	11	148,488	11	116,994	11	101,247	11	85,500	11	69,753
1/4		1/4		1/4	191,288	1/4	179,654	1/4	163,907	1/4	148,160	1/4	116,666	1/4	100,919	1/4	85,172	1/4	69,425
1/2		1/2		1/2	191,233	1/2	179,326	1/2	163,579	1/2	147,832	1/2	116,338	1/2	100,591	1/2	84,844	1/2	69,097
3/4		3/4		3/4	191,178	3/4	178,998	3/4	163,251	3/4	147,504	3/4	116,010	3/4	100,263	3/4	84,516	3/4	68,769

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 AT THE EXPANSION DOME

CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 7033"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-05 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	68,441	0	52,694	0	36,974	0	21,246	0	5,535	0		0		0		0		0	
1/4	68,113	1/4	52,366	1/4	36,647	1/4	20,923	1/4	5,206	1/4		1/4		1/4		1/4		1/4	
1/2	67,785	1/2	52,038	1/2	36,320	1/2	20,601	1/2	4,878	1/2		1/2		1/2		1/2		1/2	
3/4	67,457	3/4	51,710	3/4	35,993	3/4	20,278	3/4	4,549	3/4		3/4		3/4		3/4		3/4	
1	67,129	1	51,382	1	35,666	1	19,956	1	4,224	1		1		1		1		1	
1/4	66,801	1/4	51,054	1/4	35,339	1/4	19,634	1/4	3,899	1/4		1/4		1/4		1/4		1/4	
1/2	66,473	1/2	50,726	1/2	35,012	1/2	19,311	1/2	3,573	1/2		1/2		1/2		1/2		1/2	
3/4	66,145	3/4	50,398	3/4	34,685	3/4	18,989	3/4	3,248	3/4		3/4		3/4		3/4		3/4	
2	65,817	2	50,070	2	34,358	2	18,664	2	2,946	2		2		2		2		2	
1/4	65,489	1/4	49,742	1/4	34,031	1/4	18,338	1/4	2,644	1/4		1/4		1/4		1/4		1/4	
1/2	65,160	1/2	49,413	1/2	33,704	1/2	18,013	1/2	2,342	1/2		1/2		1/2		1/2		1/2	
3/4	64,832	3/4	49,085	3/4	33,377	3/4	17,687	3/4	2,040	3/4		3/4		3/4		3/4		3/4	
3	64,504	3	48,757	3	33,049	3	17,359	3	1,800	3		3		3		3		3	
1/4	64,176	1/4	48,429	1/4	32,722	1/4	17,030	1/4	1,560	1/4		1/4		1/4		1/4		1/4	
1/2	63,848	1/2	48,101	1/2	32,394	1/2	16,702	1/2	1,319	1/2		1/2		1/2		1/2		1/2	
3/4	63,520	3/4	47,773	3/4	32,066	3/4	16,373	3/4	1,079	3/4		3/4		3/4		3/4		3/4	
4	63,192	4	47,445	4	31,738	4	16,045	4	918	4		4		4		4		4	
1/4	62,864	1/4	47,117	1/4	31,409	1/4	15,717	1/4	757	1/4		1/4		1/4		1/4		1/4	
1/2	62,536	1/2	46,789	1/2	31,081	1/2	15,388	1/2	596	1/2		1/2		1/2		1/2		1/2	
3/4	62,208	3/4	46,461	3/4	30,752	3/4	15,060	3/4	435	3/4		3/4		3/4		3/4		3/4	
5	61,880	5	46,134	5	30,424	5	14,732	5	353	5		5		5		5		5	
1/4	61,552	1/4	45,806	1/4	30,095	1/4	14,403	1/4	271	1/4		1/4		1/4		1/4		1/4	
1/2	61,224	1/2	45,479	1/2	29,767	1/2	14,075	1/2	188	1/2		1/2		1/2		1/2		1/2	
3/4	60,896	3/4	45,151	3/4	29,438	3/4	13,746	3/4	106	3/4		3/4		3/4		3/4		3/4	
6	60,568	6	44,824	6	29,110	6	13,418	6		6		6		6		6		6	
1/4	60,240	1/4	44,497	1/4	28,782	1/4	13,089	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59,911	1/2	44,170	1/2	28,453	1/2	12,761	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,583	3/4	43,843	3/4	28,125	3/4	12,432	3/4		3/4		3/4		3/4		3/4		3/4	
7	59,255	7	43,516	7	27,797	7	12,104	7		7		7		7		7		7	
1/4	58,927	1/4	43,189	1/4	27,468	1/4	11,775	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	58,599	1/2	42,861	1/2	27,140	1/2	11,447	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	58,271	3/4	42,534	3/4	26,811	3/4	11,118	3/4		3/4		3/4		3/4		3/4		3/4	
8	57,943	8	42,207	8	26,483	8	10,790	8		8		8		8		8		8	
1/4	57,615	1/4	41,880	1/4	26,154	1/4	10,461	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	57,287	1/2	41,553	1/2	25,826	1/2	10,133	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	56,959	3/4	41,226	3/4	25,497	3/4	9,804	3/4		3/4		3/4		3/4		3/4		3/4	
9	56,631	9	40,899	9	25,169	9	9,476	9		9		9		9		9		9	
1/4	56,303	1/4	40,572	1/4	24,840	1/4	9,148	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	55,975	1/2	40,245	1/2	24,512	1/2	8,819	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	55,647	3/4	39,918	3/4	24,183	3/4	8,491	3/4		3/4		3/4		3/4		3/4		3/4	
10	55,319	10	39,591	10	23,855	10	8,163	10		10		10		10		10		10	
1/4	54,991	1/4	39,264	1/4	23,527	1/4	7,834	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	54,662	1/2	38,937	1/2	23,198	1/2	7,506	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54,334	3/4	38,610	3/4	22,870	3/4	7,177	3/4		3/4		3/4		3/4		3/4		3/4	
11	54,006	11	38,283	11	22,545	11	6,849	11		11		11		11		11		11	
1/4	53,678	1/4	37,956	1/4	22,219	1/4	6,520	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	53,350	1/2	37,628	1/2	21,894	1/2	6,192	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53,022	3/4	37,301	3/4	21,568	3/4	5,863	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/08/2009 INSP
RECALCULATED: 08/08/2019 PMA
REPRINTED: 08/08/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 7033"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	191,288	0	179,654	0	163,907	0	148,160	0	132,413	0	116,666	0	100,919	0	85,172
1/4		1/4		1/4	191,233	1/4	179,326	1/4	163,579	1/4	147,832	1/4	132,085	1/4	116,338	1/4	100,591	1/4	84,844
1/2		1/2		1/2	191,178	1/2	178,998	1/2	163,251	1/2	147,504	1/2	131,757	1/2	116,010	1/2	100,263	1/2	84,516
3/4		3/4		3/4	191,087	3/4	178,670	3/4	162,923	3/4	147,176	3/4	131,429	3/4	115,682	3/4	99,935	3/4	84,188
1		1		1	190,996	1	178,342	1	162,595	1	146,848	1	131,101	1	115,354	1	99,607	1	83,860
1/4		1/4		1/4	190,904	1/4	178,014	1/4	162,267	1/4	146,520	1/4	130,773	1/4	115,026	1/4	99,279	1/4	83,532
1/2		1/2		1/2	190,813	1/2	177,686	1/2	161,939	1/2	146,192	1/2	130,445	1/2	114,698	1/2	98,951	1/2	83,204
3/4		3/4		3/4	190,686	3/4	177,358	3/4	161,611	3/4	145,864	3/4	130,117	3/4	114,370	3/4	98,623	3/4	82,876
2		2		2	190,558	2	177,030	2	161,283	2	145,536	2	129,789	2	114,042	2	98,295	2	82,548
1/4		1/4		1/4	190,431	1/4	176,702	1/4	160,955	1/4	145,208	1/4	129,461	1/4	113,714	1/4	97,967	1/4	82,220
1/2		1/2		1/2	190,303	1/2	176,374	1/2	160,627	1/2	144,880	1/2	129,133	1/2	113,386	1/2	97,639	1/2	81,892
3/4		3/4		3/4	190,139	3/4	176,046	3/4	160,299	3/4	144,552	3/4	128,805	3/4	113,058	3/4	97,311	3/4	81,564
3		3		3	189,975	3	175,718	3	159,971	3	144,224	3	128,477	3	112,730	3	96,983	3	81,236
1/4		1/4		1/4	189,810	1/4	175,389	1/4	159,642	1/4	143,895	1/4	128,148	1/4	112,401	1/4	96,654	1/4	80,907
1/2		1/2		1/2	189,646	1/2	175,061	1/2	159,314	1/2	143,567	1/2	127,820	1/2	112,073	1/2	96,326	1/2	80,579
3/4		3/4		3/4	189,445	3/4	174,733	3/4	158,986	3/4	143,239	3/4	127,492	3/4	111,745	3/4	95,998	3/4	80,251
4		4		4	189,245	4	174,405	4	158,658	4	142,911	4	127,164	4	111,417	4	95,670	4	79,923
1/4		1/4		1/4	189,044	1/4	174,077	1/4	158,330	1/4	142,583	1/4	126,836	1/4	111,089	1/4	95,342	1/4	79,595
1/2		1/2		1/2	188,843	1/2	173,749	1/2	158,002	1/2	142,255	1/2	126,508	1/2	110,761	1/2	95,014	1/2	79,267
3/4		3/4		3/4	188,606	3/4	173,421	3/4	157,674	3/4	141,927	3/4	126,180	3/4	110,433	3/4	94,686	3/4	78,939
5		5		5	188,369	5	173,093	5	157,346	5	141,599	5	125,852	5	110,105	5	94,358	5	78,611
1/4		1/4		1/4	188,132	1/4	172,765	1/4	157,018	1/4	141,271	1/4	125,524	1/4	109,777	1/4	94,030	1/4	78,283
1/2		1/2		1/2	187,895	1/2	172,437	1/2	156,690	1/2	140,943	1/2	125,196	1/2	109,449	1/2	93,702	1/2	77,955
3/4		3/4		3/4	187,621	3/4	172,109	3/4	156,362	3/4	140,615	3/4	124,868	3/4	109,121	3/4	93,374	3/4	77,627
6		6		6	187,348	6	171,781	6	156,034	6	140,287	6	124,540	6	108,793	6	93,046	6	77,299
1/4		1/4		1/4	187,074	1/4	171,453	1/4	155,706	1/4	139,959	1/4	124,212	1/4	108,465	1/4	92,718	1/4	76,971
1/2		1/2		1/2	186,800	1/2	171,125	1/2	155,378	1/2	139,631	1/2	123,884	1/2	108,137	1/2	92,390	1/2	76,643
3/4		3/4		3/4	186,490	3/4	170,797	3/4	155,050	3/4	139,303	3/4	123,556	3/4	107,809	3/4	92,062	3/4	76,315
7		7		7	186,180	7	170,469	7	154,722	7	138,975	7	123,228	7	107,481	7	91,734	7	75,987
1/4		1/4		1/4	185,869	1/4	170,140	1/4	154,393	1/4	138,646	1/4	122,899	1/4	107,152	1/4	91,405	1/4	75,658
1/2		1/2		1/2	185,559	1/2	169,812	1/2	154,065	1/2	138,318	1/2	122,571	1/2	106,824	1/2	91,077	1/2	75,330
3/4		3/4		3/4	185,231	3/4	169,484	3/4	153,737	3/4	137,990	3/4	122,243	3/4	106,496	3/4	90,749	3/4	75,002
8		8		8	184,903	8	169,156	8	153,409	8	137,662	8	121,915	8	106,168	8	90,421	8	74,674
1/4		1/4		1/4	184,575	1/4	168,828	1/4	153,081	1/4	137,334	1/4	121,587	1/4	105,840	1/4	90,093	1/4	74,346
1/2		1/2		1/2	184,247	1/2	168,500	1/2	152,753	1/2	137,006	1/2	121,259	1/2	105,512	1/2	89,765	1/2	74,018
3/4		3/4		3/4	183,919	3/4	168,172	3/4	152,425	3/4	136,678	3/4	120,931	3/4	105,184	3/4	89,437	3/4	73,690
9		9		9	183,591	9	167,844	9	152,097	9	136,350	9	120,603	9	104,856	9	89,109	9	73,362
1/4		1/4		1/4	183,263	1/4	167,516	1/4	151,769	1/4	136,022	1/4	120,275	1/4	104,528	1/4	88,781	1/4	73,034
1/2		1/2		1/2	182,935	1/2	167,188	1/2	151,441	1/2	135,694	1/2	119,947	1/2	104,200	1/2	88,453	1/2	72,706
3/4		3/4		3/4	182,607	3/4	166,860	3/4	151,113	3/4	135,366	3/4	119,619	3/4	103,872	3/4	88,125	3/4	72,378
10		10		10	182,279	10	166,532	10	150,785	10	135,038	10	119,291	10	103,544	10	87,797	10	72,050
1/4		1/4		1/4	181,951	1/4	166,204	1/4	150,457	1/4	134,710	1/4	118,963	1/4	103,216	1/4	87,469	1/4	71,722
1/2		1/2		1/2	191,470	1/2	181,623	1/2	165,876	1/2	150,129	1/2	134,382	1/2	118,635	1/2	102,888	1/2	87,141
3/4		3/4		3/4	191,452	3/4	181,295	3/4	165,548	3/4	149,801	3/4	134,054	3/4	118,307	3/4	102,560	3/4	86,813
11		11		11	191,434	11	180,967	11	165,220	11	149,473	11	133,726	11	117,979	11	102,232	11	86,485
1/4		1/4		1/4	191,415	1/4	180,638	1/4	164,891	1/4	149,144	1/4	133,397	1/4	117,650	1/4	101,903	1/4	86,156
1/2		1/2		1/2	191,397	1/2	180,310	1/2	164,563	1/2	148,816	1/2	133,069	1/2	117,322	1/2	101,575	1/2	85,828
3/4		3/4		3/4	191,342	3/4	179,982	3/4	164,235	3/4	148,488	3/4	132,741	3/4	116,994	3/4	101,247	3/4	85,500

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 AT THE EXPANSION DOME

CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 7033"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	69,425	0	53,678	0	37,956	0	22,219	0	6,520	0		0		0		0		0	
1/4	69,097	1/4	53,350	1/4	37,628	1/4	21,894	1/4	6,192	1/4		1/4		1/4		1/4		1/4	
1/2	68,769	1/2	53,022	1/2	37,301	1/2	21,568	1/2	5,863	1/2		1/2		1/2		1/2		1/2	
3/4	68,441	3/4	52,694	3/4	36,974	3/4	21,246	3/4	5,535	3/4		3/4		3/4		3/4		3/4	
1	68,113	1	52,366	1	36,647	1	20,923	1	5,206	1		1		1		1		1	
1/4	67,785	1/4	52,038	1/4	36,320	1/4	20,601	1/4	4,878	1/4		1/4		1/4		1/4		1/4	
1/2	67,457	1/2	51,710	1/2	35,993	1/2	20,278	1/2	4,549	1/2		1/2		1/2		1/2		1/2	
3/4	67,129	3/4	51,382	3/4	35,666	3/4	19,956	3/4	4,224	3/4		3/4		3/4		3/4		3/4	
2	66,801	2	51,054	2	35,339	2	19,634	2	3,899	2		2		2		2		2	
1/4	66,473	1/4	50,726	1/4	35,012	1/4	19,311	1/4	3,573	1/4		1/4		1/4		1/4		1/4	
1/2	66,145	1/2	50,398	1/2	34,685	1/2	18,989	1/2	3,248	1/2		1/2		1/2		1/2		1/2	
3/4	65,817	3/4	50,070	3/4	34,358	3/4	18,664	3/4	2,946	3/4		3/4		3/4		3/4		3/4	
3	65,489	3	49,742	3	34,031	3	18,338	3	2,644	3		3		3		3		3	
1/4	65,160	1/4	49,413	1/4	33,704	1/4	18,013	1/4	2,342	1/4		1/4		1/4		1/4		1/4	
1/2	64,832	1/2	49,085	1/2	33,377	1/2	17,687	1/2	2,040	1/2		1/2		1/2		1/2		1/2	
3/4	64,504	3/4	48,757	3/4	33,049	3/4	17,359	3/4	1,800	3/4		3/4		3/4		3/4		3/4	
4	64,176	4	48,429	4	32,722	4	17,030	4	1,560	4		4		4		4		4	
1/4	63,848	1/4	48,101	1/4	32,394	1/4	16,702	1/4	1,319	1/4		1/4		1/4		1/4		1/4	
1/2	63,520	1/2	47,773	1/2	32,066	1/2	16,373	1/2	1,079	1/2		1/2		1/2		1/2		1/2	
3/4	63,192	3/4	47,445	3/4	31,738	3/4	16,045	3/4	918	3/4		3/4		3/4		3/4		3/4	
5	62,864	5	47,117	5	31,409	5	15,717	5	757	5		5		5		5		5	
1/4	62,536	1/4	46,789	1/4	31,081	1/4	15,388	1/4	596	1/4		1/4		1/4		1/4		1/4	
1/2	62,208	1/2	46,461	1/2	30,752	1/2	15,060	1/2	435	1/2		1/2		1/2		1/2		1/2	
3/4	61,880	3/4	46,134	3/4	30,424	3/4	14,732	3/4	353	3/4		3/4		3/4		3/4		3/4	
6	61,552	6	45,806	6	30,095	6	14,403	6	271	6		6		6		6		6	
1/4	61,224	1/4	45,479	1/4	29,767	1/4	14,075	1/4	188	1/4		1/4		1/4		1/4		1/4	
1/2	60,896	1/2	45,151	1/2	29,438	1/2	13,746	1/2	106	1/2		1/2		1/2		1/2		1/2	
3/4	60,568	3/4	44,824	3/4	29,110	3/4	13,418	3/4		3/4		3/4		3/4		3/4		3/4	
7	60,240	7	44,497	7	28,782	7	13,089	7		7		7		7		7		7	
1/4	59,911	1/4	44,170	1/4	28,453	1/4	12,761	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59,583	1/2	43,843	1/2	28,125	1/2	12,432	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,255	3/4	43,516	3/4	27,797	3/4	12,104	3/4		3/4		3/4		3/4		3/4		3/4	
8	58,927	8	43,189	8	27,468	8	11,775	8		8		8		8		8		8	
1/4	58,599	1/4	42,861	1/4	27,140	1/4	11,447	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	58,271	1/2	42,534	1/2	26,811	1/2	11,118	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	57,943	3/4	42,207	3/4	26,483	3/4	10,790	3/4		3/4		3/4		3/4		3/4		3/4	
9	57,615	9	41,880	9	26,154	9	10,461	9		9		9		9		9		9	
1/4	57,287	1/4	41,553	1/4	25,826	1/4	10,133	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	56,959	1/2	41,226	1/2	25,497	1/2	9,804	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	56,631	3/4	40,899	3/4	25,169	3/4	9,476	3/4		3/4		3/4		3/4		3/4		3/4	
10	56,303	10	40,572	10	24,840	10	9,148	10		10		10		10		10		10	
1/4	55,975	1/4	40,245	1/4	24,512	1/4	8,819	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	55,647	1/2	39,918	1/2	24,183	1/2	8,491	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	55,319	3/4	39,591	3/4	23,855	3/4	8,163	3/4		3/4		3/4		3/4		3/4		3/4	
11	54,991	11	39,264	11	23,527	11	7,834	11		11		11		11		11		11	
1/4	54,662	1/4	38,937	1/4	23,198	1/4	7,506	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	54,334	1/2	38,610	1/2	22,870	1/2	7,177	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54,006	3/4	38,283	3/4	22,545	3/4	6,849	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/08/2009 INSP
RECALCULATED: 08/08/2019 PMA
REPRINTED: 08/08/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 7033"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	186,842	0	175,481	0	160,095	0	144,709	0	129,324	0	113,938	0	98,552	0	83,167
1/4		1/4		1/4	186,788	1/4	175,161	1/4	159,775	1/4	144,389	1/4	129,004	1/4	113,618	1/4	98,232	1/4	82,846
1/2		1/2		1/2	186,735	1/2	174,840	1/2	159,454	1/2	144,068	1/2	128,683	1/2	113,297	1/2	97,911	1/2	82,525
3/4		3/4		3/4	186,646	3/4	174,520	3/4	159,134	3/4	143,748	3/4	128,362	3/4	112,977	3/4	97,591	3/4	82,205
1		1		1	186,557	1	174,199	1	158,813	1	143,427	1	128,042	1	112,656	1	97,270	1	81,884
1/4		1/4		1/4	186,468	1/4	173,879	1/4	158,493	1/4	143,107	1/4	127,721	1/4	112,336	1/4	96,950	1/4	81,564
1/2		1/2		1/2	186,379	1/2	173,558	1/2	158,172	1/2	142,786	1/2	127,400	1/2	112,015	1/2	96,629	1/2	81,243
3/4		3/4		3/4	186,254	3/4	173,237	3/4	157,852	3/4	142,466	3/4	127,080	3/4	111,695	3/4	96,309	3/4	80,923
2		2		2	186,130	2	172,917	2	157,531	2	142,145	2	126,759	2	111,374	2	95,988	2	80,602
1/4		1/4		1/4	186,005	1/4	172,596	1/4	157,211	1/4	141,825	1/4	126,439	1/4	111,054	1/4	95,668	1/4	80,282
1/2		1/2		1/2	185,880	1/2	172,275	1/2	156,890	1/2	141,504	1/2	126,118	1/2	110,733	1/2	95,347	1/2	79,961
3/4		3/4		3/4	185,720	3/4	171,955	3/4	156,570	3/4	141,184	3/4	125,798	3/4	110,412	3/4	95,027	3/4	79,641
3		3		3	185,560	3	171,634	3	156,249	3	140,863	3	125,477	3	110,092	3	94,706	3	79,320
1/4		1/4		1/4	185,399	1/4	171,314	1/4	155,929	1/4	140,543	1/4	125,157	1/4	109,771	1/4	94,386	1/4	79,000
1/2		1/2		1/2	185,239	1/2	170,993	1/2	155,608	1/2	140,222	1/2	124,836	1/2	109,450	1/2	94,065	1/2	78,679
3/4		3/4		3/4	185,043	3/4	170,673	3/4	155,287	3/4	139,902	3/4	124,516	3/4	109,130	3/4	93,745	3/4	78,359
4		4		4	184,848	4	170,352	4	154,967	4	139,581	4	124,195	4	108,809	4	93,424	4	78,038
1/4		1/4		1/4	184,652	1/4	170,032	1/4	154,646	1/4	139,261	1/4	123,875	1/4	108,489	1/4	93,104	1/4	77,718
1/2		1/2		1/2	184,456	1/2	169,711	1/2	154,325	1/2	138,940	1/2	123,554	1/2	108,168	1/2	92,783	1/2	77,397
3/4		3/4		3/4	184,225	3/4	169,391	3/4	154,005	3/4	138,620	3/4	123,234	3/4	107,848	3/4	92,462	3/4	77,077
5		5		5	183,993	5	169,070	5	153,684	5	138,299	5	122,913	5	107,527	5	92,142	5	76,756
1/4		1/4		1/4	183,762	1/4	168,750	1/4	153,364	1/4	137,979	1/4	122,593	1/4	107,207	1/4	91,821	1/4	76,436
1/2		1/2		1/2	183,530	1/2	168,429	1/2	153,043	1/2	137,658	1/2	122,272	1/2	106,886	1/2	91,500	1/2	76,115
3/4		3/4		3/4	183,263	3/4	168,109	3/4	152,723	3/4	137,337	3/4	121,952	3/4	106,566	3/4	91,180	3/4	75,794
6		6		6	182,996	6	167,788	6	152,402	6	137,017	6	121,631	6	106,245	6	90,859	6	75,474
1/4		1/4		1/4	182,728	1/4	167,468	1/4	152,082	1/4	136,696	1/4	121,311	1/4	105,925	1/4	90,539	1/4	75,153
1/2		1/2		1/2	182,461	1/2	167,147	1/2	151,761	1/2	136,375	1/2	120,990	1/2	105,604	1/2	90,218	1/2	74,832
3/4		3/4		3/4	182,158	3/4	166,827	3/4	151,441	3/4	136,055	3/4	120,670	3/4	105,284	3/4	89,898	3/4	74,512
7		7		7	181,856	7	166,506	7	151,120	7	135,734	7	120,349	7	104,963	7	89,577	7	74,191
1/4		1/4		1/4	181,553	1/4	166,186	1/4	150,800	1/4	135,414	1/4	120,029	1/4	104,643	1/4	89,257	1/4	73,871
1/2		1/2		1/2	181,250	1/2	165,865	1/2	150,479	1/2	135,093	1/2	119,708	1/2	104,322	1/2	88,936	1/2	73,550
3/4		3/4		3/4	180,930	3/4	165,545	3/4	150,159	3/4	134,773	3/4	119,387	3/4	104,002	3/4	88,616	3/4	73,230
8		8		8	180,609	8	165,224	8	149,838	8	134,452	8	119,067	8	103,681	8	88,295	8	72,909
1/4		1/4		1/4	180,289	1/4	164,904	1/4	149,518	1/4	134,132	1/4	118,746	1/4	103,361	1/4	87,975	1/4	72,589
1/2		1/2		1/2	179,968	1/2	164,583	1/2	149,197	1/2	133,811	1/2	118,425	1/2	103,040	1/2	87,654	1/2	72,268
3/4		3/4		3/4	179,648	3/4	164,262	3/4	148,877	3/4	133,491	3/4	118,105	3/4	102,720	3/4	87,334	3/4	71,948
9		9		9	179,327	9	163,942	9	148,556	9	133,170	9	117,784	9	102,399	9	87,013	9	71,627
1/4		1/4		1/4	179,007	1/4	163,621	1/4	148,236	1/4	132,850	1/4	117,464	1/4	102,079	1/4	86,693	1/4	71,307
1/2		1/2		1/2	178,686	1/2	163,300	1/2	147,915	1/2	132,529	1/2	117,143	1/2	101,758	1/2	86,372	1/2	70,986
3/4		3/4		3/4	178,366	3/4	162,980	3/4	147,595	3/4	132,209	3/4	116,823	3/4	101,437	3/4	86,052	3/4	70,666
10		10		10	178,045	10	162,659	10	147,274	10	131,888	10	116,502	10	101,117	10	85,731	10	70,345
1/4		1/4		1/4	177,725	1/4	162,339	1/4	146,954	1/4	131,568	1/4	116,182	1/4	100,796	1/4	85,411	1/4	70,025
1/2		1/2		1/2	187,019	1/2	177,404	1/2	146,633	1/2	131,247	1/2	115,861	1/2	100,475	1/2	85,090	1/2	69,704
3/4		3/4		3/4	187,001	3/4	177,084	3/4	146,312	3/4	130,927	3/4	115,541	3/4	100,155	3/4	84,770	3/4	69,384
11		11		11	186,984	11	176,763	11	161,377	11	145,992	11	130,606	11	115,220	11	99,834	11	69,063
1/4		1/4		1/4	186,966	1/4	176,443	1/4	161,057	1/4	145,671	1/4	130,286	1/4	114,900	1/4	99,514	1/4	68,743
1/2		1/2		1/2	186,948	1/2	176,122	1/2	160,736	1/2	145,350	1/2	129,965	1/2	114,579	1/2	99,193	1/2	68,422
3/4		3/4		3/4	186,895	3/4	175,802	3/4	160,416	3/4	145,030	3/4	129,645	3/4	114,259	3/4	98,873	3/4	68,102

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 AT THE EXPANSION DOME

CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 7033"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	67,781	0	52,395	0	37,042	0	21,683	0	6,363	0		0		0		0		0	
1/4	67,461	1/4	52,075	1/4	36,722	1/4	21,366	1/4	6,043	1/4		1/4		1/4		1/4		1/4	
1/2	67,140	1/2	51,754	1/2	36,403	1/2	21,048	1/2	5,722	1/2		1/2		1/2		1/2		1/2	
3/4	66,819	3/4	51,434	3/4	36,084	3/4	20,733	3/4	5,401	3/4		3/4		3/4		3/4		3/4	
1	66,499	1	51,113	1	35,765	1	20,419	1	5,081	1		1		1		1		1	
1/4	66,178	1/4	50,793	1/4	35,445	1/4	20,104	1/4	4,760	1/4		1/4		1/4		1/4		1/4	
1/2	65,857	1/2	50,472	1/2	35,126	1/2	19,789	1/2	4,439	1/2		1/2		1/2		1/2		1/2	
3/4	65,537	3/4	50,152	3/4	34,807	3/4	19,475	3/4	4,122	3/4		3/4		3/4		3/4		3/4	
2	65,216	2	49,831	2	34,488	2	19,160	2	3,804	2		2		2		2		2	
1/4	64,896	1/4	49,511	1/4	34,168	1/4	18,846	1/4	3,487	1/4		1/4		1/4		1/4		1/4	
1/2	64,575	1/2	49,190	1/2	33,849	1/2	18,531	1/2	3,169	1/2		1/2		1/2		1/2		1/2	
3/4	64,255	3/4	48,869	3/4	33,530	3/4	18,214	3/4	2,875	3/4		3/4		3/4		3/4		3/4	
3	63,934	3	48,549	3	33,211	3	17,896	3	2,580	3		3		3		3		3	
1/4	63,614	1/4	48,228	1/4	32,892	1/4	17,579	1/4	2,286	1/4		1/4		1/4		1/4		1/4	
1/2	63,293	1/2	47,907	1/2	32,573	1/2	17,261	1/2	1,991	1/2		1/2		1/2		1/2		1/2	
3/4	62,973	3/4	47,587	3/4	32,253	3/4	16,941	3/4	1,757	3/4		3/4		3/4		3/4		3/4	
4	62,652	4	47,266	4	31,933	4	16,620	4	1,523	4		4		4		4		4	
1/4	62,332	1/4	46,946	1/4	31,613	1/4	16,300	1/4	1,288	1/4		1/4		1/4		1/4		1/4	
1/2	62,011	1/2	46,625	1/2	31,293	1/2	15,979	1/2	1,054	1/2		1/2		1/2		1/2		1/2	
3/4	61,691	3/4	46,305	3/4	30,973	3/4	15,659	3/4	897	3/4		3/4		3/4		3/4		3/4	
5	61,370	5	45,984	5	30,652	5	15,338	5	740	5		5		5		5		5	
1/4	61,050	1/4	45,664	1/4	30,332	1/4	15,018	1/4	582	1/4		1/4		1/4		1/4		1/4	
1/2	60,729	1/2	45,343	1/2	30,011	1/2	14,697	1/2	425	1/2		1/2		1/2		1/2		1/2	
3/4	60,409	3/4	45,023	3/4	29,691	3/4	14,377	3/4	345	3/4		3/4		3/4		3/4		3/4	
6	60,088	6	44,704	6	29,370	6	14,056	6	265	6		6		6		6		6	
1/4	59,768	1/4	44,384	1/4	29,050	1/4	13,736	1/4	184	1/4		1/4		1/4		1/4		1/4	
1/2	59,447	1/2	44,064	1/2	28,729	1/2	13,415	1/2	104	1/2		1/2		1/2		1/2		1/2	
3/4	59,127	3/4	43,745	3/4	28,408	3/4	13,094	3/4		3/4		3/4		3/4		3/4		3/4	
7	58,806	7	43,426	7	28,088	7	12,774	7		7		7		7		7		7	
1/4	58,486	1/4	43,106	1/4	27,767	1/4	12,453	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	58,165	1/2	42,787	1/2	27,446	1/2	12,132	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	57,844	3/4	42,468	3/4	27,126	3/4	11,812	3/4		3/4		3/4		3/4		3/4		3/4	
8	57,524	8	42,149	8	26,805	8	11,491	8		8		8		8		8		8	
1/4	57,203	1/4	41,829	1/4	26,485	1/4	11,171	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	56,882	1/2	41,510	1/2	26,164	1/2	10,850	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	56,562	3/4	41,191	3/4	25,844	3/4	10,530	3/4		3/4		3/4		3/4		3/4		3/4	
9	56,241	9	40,872	9	25,523	9	10,209	9		9		9		9		9		9	
1/4	55,921	1/4	40,552	1/4	25,203	1/4	9,889	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	55,600	1/2	40,233	1/2	24,882	1/2	9,568	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	55,280	3/4	39,914	3/4	24,562	3/4	9,248	3/4		3/4		3/4		3/4		3/4		3/4	
10	54,959	10	39,595	10	24,241	10	8,927	10		10		10		10		10		10	
1/4	54,639	1/4	39,276	1/4	23,921	1/4	8,607	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	54,318	1/2	38,957	1/2	23,600	1/2	8,286	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53,998	3/4	38,638	3/4	23,280	3/4	7,966	3/4		3/4		3/4		3/4		3/4		3/4	
11	53,677	11	38,319	11	22,959	11	7,645	11		11		11		11		11		11	
1/4	53,357	1/4	37,999	1/4	22,639	1/4	7,325	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	53,036	1/2	37,680	1/2	22,318	1/2	7,004	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	52,716	3/4	37,361	3/4	22,001	3/4	6,684	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/08/2009 INSP
RECALCULATED: 08/08/2019 PMA
REPRINTED: 08/08/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
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BARGE "CBC 7033"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-05"

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	186,379	0	173,558	0	158,172	0	142,786	0	127,400	0	112,015	0	96,629	0	81,243
1/4		1/4		1/4	186,254	1/4	173,237	1/4	157,852	1/4	142,466	1/4	127,080	1/4	111,695	1/4	96,309	1/4	80,923
1/2		1/2		1/2	186,130	1/2	172,917	1/2	157,531	1/2	142,145	1/2	126,759	1/2	111,374	1/2	95,988	1/2	80,602
3/4		3/4		3/4	186,005	3/4	172,596	3/4	157,211	3/4	141,825	3/4	126,439	3/4	111,054	3/4	95,668	3/4	80,282
1		1		1	185,880	1	172,275	1	156,890	1	141,504	1	126,118	1	110,733	1	95,347	1	79,961
1/4		1/4		1/4	185,720	1/4	171,955	1/4	156,570	1/4	141,184	1/4	125,798	1/4	110,412	1/4	95,027	1/4	79,641
1/2		1/2		1/2	185,560	1/2	171,634	1/2	156,249	1/2	140,863	1/2	125,477	1/2	110,092	1/2	94,706	1/2	79,320
3/4		3/4		3/4	185,399	3/4	171,314	3/4	155,929	3/4	140,543	3/4	125,157	3/4	109,771	3/4	94,386	3/4	79,000
2		2		2	185,239	2	170,993	2	155,608	2	140,222	2	124,836	2	109,450	2	94,065	2	78,679
1/4		1/4		1/4	185,043	1/4	170,673	1/4	155,287	1/4	139,902	1/4	124,516	1/4	109,130	1/4	93,745	1/4	78,359
1/2		1/2		1/2	184,848	1/2	170,352	1/2	154,967	1/2	139,581	1/2	124,195	1/2	108,809	1/2	93,424	1/2	78,038
3/4		3/4		3/4	184,652	3/4	170,032	3/4	154,646	3/4	139,261	3/4	123,875	3/4	108,489	3/4	93,104	3/4	77,718
3		3		3	184,456	3	169,711	3	154,325	3	138,940	3	123,554	3	108,168	3	92,783	3	77,397
1/4		1/4		1/4	184,225	1/4	169,391	1/4	154,005	1/4	138,620	1/4	123,234	1/4	107,848	1/4	92,462	1/4	77,077
1/2		1/2		1/2	183,993	1/2	169,070	1/2	153,684	1/2	138,299	1/2	122,913	1/2	107,527	1/2	92,142	1/2	76,756
3/4		3/4		3/4	183,762	3/4	168,750	3/4	153,364	3/4	137,979	3/4	122,593	3/4	107,207	3/4	91,821	3/4	76,436
4		4		4	183,530	4	168,429	4	153,043	4	137,658	4	122,272	4	106,886	4	91,500	4	76,115
1/4		1/4		1/4	183,263	1/4	168,109	1/4	152,723	1/4	137,337	1/4	121,952	1/4	106,566	1/4	91,180	1/4	75,794
1/2		1/2		1/2	182,996	1/2	167,788	1/2	152,402	1/2	137,017	1/2	121,631	1/2	106,245	1/2	90,859	1/2	75,474
3/4		3/4		3/4	182,728	3/4	167,468	3/4	152,082	3/4	136,696	3/4	121,311	3/4	105,925	3/4	90,539	3/4	75,153
5		5		5	182,461	5	167,147	5	151,761	5	136,375	5	120,990	5	105,604	5	90,218	5	74,832
1/4		1/4		1/4	182,158	1/4	166,827	1/4	151,441	1/4	136,055	1/4	120,670	1/4	105,284	1/4	89,898	1/4	74,512
1/2		1/2		1/2	181,856	1/2	166,506	1/2	151,120	1/2	135,734	1/2	120,349	1/2	104,963	1/2	89,577	1/2	74,191
3/4		3/4		3/4	181,553	3/4	166,186	3/4	150,800	3/4	135,414	3/4	120,029	3/4	104,643	3/4	89,257	3/4	73,871
6		6		6	181,250	6	165,865	6	150,479	6	135,093	6	119,708	6	104,322	6	88,936	6	73,550
1/4		1/4		1/4	180,930	1/4	165,545	1/4	150,159	1/4	134,773	1/4	119,387	1/4	104,002	1/4	88,616	1/4	73,230
1/2		1/2		1/2	180,609	1/2	165,224	1/2	149,838	1/2	134,452	1/2	119,067	1/2	103,681	1/2	88,295	1/2	72,909
3/4		3/4		3/4	180,289	3/4	164,904	3/4	149,518	3/4	134,132	3/4	118,746	3/4	103,361	3/4	87,975	3/4	72,589
7		7		7	179,968	7	164,583	7	149,197	7	133,811	7	118,425	7	103,040	7	87,654	7	72,268
1/4		1/4		1/4	179,648	1/4	164,262	1/4	148,877	1/4	133,491	1/4	118,105	1/4	102,720	1/4	87,334	1/4	71,948
1/2		1/2		1/2	179,327	1/2	163,942	1/2	148,556	1/2	133,170	1/2	117,784	1/2	102,399	1/2	87,013	1/2	71,627
3/4		3/4		3/4	179,007	3/4	163,621	3/4	148,236	3/4	132,850	3/4	117,464	3/4	102,079	3/4	86,693	3/4	71,307
8		8		8	178,686	8	163,300	8	147,915	8	132,529	8	117,143	8	101,758	8	86,372	8	70,986
1/4		1/4		1/4	178,366	1/4	162,980	1/4	147,595	1/4	132,209	1/4	116,823	1/4	101,437	1/4	86,052	1/4	70,666
1/2		1/2		1/2	178,045	1/2	162,659	1/2	147,274	1/2	131,888	1/2	116,502	1/2	101,117	1/2	85,731	1/2	70,345
3/4		3/4		3/4	177,725	3/4	162,339	3/4	146,954	3/4	131,568	3/4	116,182	3/4	100,796	3/4	85,411	3/4	70,025
9		9		9	187,019	9	177,404	9	162,018	9	146,633	9	131,247	9	115,861	9	100,475	9	85,090
1/4		1/4		1/4	187,001	1/4	177,084	1/4	161,698	1/4	146,312	1/4	130,927	1/4	115,541	1/4	100,155	1/4	84,770
1/2		1/2		1/2	186,984	1/2	176,763	1/2	161,377	1/2	145,992	1/2	130,606	1/2	115,220	1/2	99,834	1/2	84,449
3/4		3/4		3/4	186,966	3/4	176,443	3/4	161,057	3/4	145,671	3/4	130,286	3/4	114,900	3/4	99,514	3/4	84,129
10		10		10	186,948	10	176,122	10	160,736	10	145,350	10	129,965	10	114,579	10	99,193	10	83,808
1/4		1/4		1/4	186,895	1/4	175,802	1/4	160,416	1/4	145,030	1/4	129,645	1/4	114,259	1/4	98,873	1/4	83,487
1/2		1/2		1/2	186,842	1/2	175,481	1/2	160,095	1/2	144,709	1/2	129,324	1/2	113,938	1/2	98,552	1/2	83,167
3/4		3/4		3/4	186,788	3/4	175,161	3/4	159,775	3/4	144,389	3/4	129,004	3/4	113,618	3/4	98,232	3/4	82,846
11		11		11	186,735	11	174,840	11	159,454	11	144,068	11	128,683	11	113,297	11	97,911	11	82,525
1/4		1/4		1/4	186,646	1/4	174,520	1/4	159,134	1/4	143,748	1/4	128,362	1/4	112,977	1/4	97,591	1/4	82,205
1/2		1/2		1/2	186,557	1/2	174,199	1/2	158,813	1/2	143,427	1/2	128,042	1/2	112,656	1/2	97,270	1/2	81,884
3/4		3/4		3/4	186,468	3/4	173,879	3/4	158,493	3/4	143,107	3/4	127,721	3/4	112,336	3/4	96,950	3/4	81,564

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 AT THE EXPANSION DOME

CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

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 7033"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-05"

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	65,857	0	50,472	0	35,126	0	19,789	0	4,439	0		0		0		0		0	
1/4	65,537	1/4	50,152	1/4	34,807	1/4	19,475	1/4	4,122	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,216	1/2	49,831	1/2	34,488	1/2	19,160	1/2	3,804	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,896	3/4	49,511	3/4	34,168	3/4	18,846	3/4	3,487	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	64,575	1	49,190	1	33,849	1	18,531	1	3,169	1		1	1	1	1	1	1	1	1
1/4	64,255	1/4	48,869	1/4	33,530	1/4	18,214	1/4	2,875	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,934	1/2	48,549	1/2	33,211	1/2	17,896	1/2	2,580	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,614	3/4	48,228	3/4	32,892	3/4	17,579	3/4	2,286	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	63,293	2	47,907	2	32,573	2	17,261	2	1,991	2		2	2	2	2	2	2	2	2
1/4	62,973	1/4	47,587	1/4	32,253	1/4	16,941	1/4	1,757	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,652	1/2	47,266	1/2	31,933	1/2	16,620	1/2	1,523	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,332	3/4	46,946	3/4	31,613	3/4	16,300	3/4	1,288	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	62,011	3	46,625	3	31,293	3	15,979	3	1,054	3		3	3	3	3	3	3	3	3
1/4	61,691	1/4	46,305	1/4	30,973	1/4	15,659	1/4	897	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,370	1/2	45,984	1/2	30,652	1/2	15,338	1/2	740	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,050	3/4	45,664	3/4	30,332	3/4	15,018	3/4	582	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	60,729	4	45,343	4	30,011	4	14,697	4	425	4		4	4	4	4	4	4	4	4
1/4	60,409	1/4	45,023	1/4	29,691	1/4	14,377	1/4	345	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,088	1/2	44,704	1/2	29,370	1/2	14,056	1/2	265	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,768	3/4	44,384	3/4	29,050	3/4	13,736	3/4	184	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	59,447	5	44,064	5	28,729	5	13,415	5	104	5		5	5	5	5	5	5	5	5
1/4	59,127	1/4	43,745	1/4	28,408	1/4	13,094	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,806	1/2	43,426	1/2	28,088	1/2	12,774	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,486	3/4	43,106	3/4	27,767	3/4	12,453	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	58,165	6	42,787	6	27,446	6	12,132	6		6		6	6	6	6	6	6	6	6
1/4	57,844	1/4	42,468	1/4	27,126	1/4	11,812	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,524	1/2	42,149	1/2	26,805	1/2	11,491	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,203	3/4	41,829	3/4	26,485	3/4	11,171	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	56,882	7	41,510	7	26,164	7	10,850	7		7		7	7	7	7	7	7	7	7
1/4	56,562	1/4	41,191	1/4	25,844	1/4	10,530	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,241	1/2	40,872	1/2	25,523	1/2	10,209	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,921	3/4	40,552	3/4	25,203	3/4	9,889	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	55,600	8	40,233	8	24,882	8	9,568	8		8		8	8	8	8	8	8	8	8
1/4	55,280	1/4	39,914	1/4	24,562	1/4	9,248	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,959	1/2	39,595	1/2	24,241	1/2	8,927	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,639	3/4	39,276	3/4	23,921	3/4	8,607	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	54,318	9	38,957	9	23,600	9	8,286	9		9		9	9	9	9	9	9	9	9
1/4	53,998	1/4	38,638	1/4	23,280	1/4	7,966	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,677	1/2	38,319	1/2	22,959	1/2	7,645	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,357	3/4	37,999	3/4	22,639	3/4	7,325	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	53,036	10	37,680	10	22,318	10	7,004	10		10		10	10	10	10	10	10	10	10
1/4	52,716	1/4	37,361	1/4	22,001	1/4	6,684	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,395	1/2	37,042	1/2	21,683	1/2	6,363	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,075	3/4	36,722	3/4	21,366	3/4	6,043	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	51,754	11	36,403	11	21,048	11	5,722	11		11		11	11	11	11	11	11	11	11
1/4	51,434	1/4	36,084	1/4	20,733	1/4	5,401	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,113	1/2	35,765	1/2	20,419	1/2	5,081	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,793	3/4	35,445	3/4	20,104	3/4	4,760	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: 09/08/2009 INSP
RECALCULATED: 08/08/2019 PMA
REPRINTED: 08/08/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
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BARGE "CBC 7033"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06"

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	176,866	0	169,440	0	159,842	0	146,229	0	130,633	0	115,036	0	99,440	0	83,844
1/4		1/4		1/4	176,810	1/4	169,240	1/4	159,642	1/4	145,904	1/4	130,308	1/4	114,711	1/4	99,115	1/4	83,519
1/2		1/2		1/2	176,754	1/2	169,040	1/2	159,442	1/2	145,579	1/2	129,983	1/2	114,387	1/2	98,790	1/2	83,194
3/4		3/4		3/4	176,698	3/4	168,840	3/4	159,242	3/4	145,254	3/4	129,658	3/4	114,062	3/4	98,465	3/4	82,869
1		1		1	176,642	1	168,640	1	159,042	1	144,929	1	129,333	1	113,737	1	98,140	1	82,544
1/4		1/4		1/4	176,564	1/4	168,440	1/4	158,832	1/4	144,604	1/4	129,008	1/4	113,412	1/4	97,815	1/4	82,219
1/2		1/2		1/2	176,487	1/2	168,241	1/2	158,621	1/2	144,280	1/2	128,683	1/2	113,087	1/2	97,491	1/2	81,894
3/4		3/4		3/4	176,409	3/4	168,041	3/4	158,411	3/4	143,955	3/4	128,358	3/4	112,762	3/4	97,166	3/4	81,569
2		2		2	176,331	2	167,841	2	158,200	2	143,630	2	128,033	2	112,437	2	96,841	2	81,244
1/4		1/4		1/4	176,231	1/4	167,641	1/4	157,969	1/4	143,305	1/4	127,708	1/4	112,112	1/4	96,516	1/4	80,919
1/2		1/2		1/2	176,131	1/2	167,441	1/2	157,737	1/2	142,980	1/2	127,384	1/2	111,787	1/2	96,191	1/2	80,595
3/4		3/4		3/4	176,031	3/4	167,241	3/4	157,506	3/4	142,655	3/4	127,059	3/4	111,462	3/4	95,866	3/4	80,270
3		3		3	175,931	3	167,041	3	157,274	3	142,330	3	126,734	3	111,137	3	95,541	3	79,945
1/4		1/4		1/4	175,809	1/4	166,841	1/4	157,022	1/4	142,005	1/4	126,409	1/4	110,812	1/4	95,216	1/4	79,620
1/2		1/2		1/2	175,686	1/2	166,641	1/2	156,769	1/2	141,680	1/2	126,084	1/2	110,488	1/2	94,891	1/2	79,295
3/4		3/4		3/4	175,564	3/4	166,441	3/4	156,517	3/4	141,355	3/4	125,759	3/4	110,163	3/4	94,566	3/4	78,970
4		4		4	175,441	4	166,241	4	156,264	4	141,030	4	125,434	4	109,838	4	94,241	4	78,645
1/4		1/4		1/4	175,297	1/4	166,041	1/4	155,990	1/4	140,705	1/4	125,109	1/4	109,513	1/4	93,916	1/4	78,320
1/2		1/2		1/2	175,152	1/2	165,841	1/2	155,717	1/2	140,380	1/2	124,784	1/2	109,188	1/2	93,592	1/2	77,995
3/4		3/4		3/4	175,008	3/4	165,641	3/4	155,443	3/4	140,055	3/4	124,459	3/4	108,863	3/4	93,267	3/4	77,670
5		5		5	174,863	5	165,441	5	155,169	5	139,730	5	124,134	5	108,538	5	92,942	5	77,345
1/4		1/4		1/4	174,696	1/4	165,241	1/4	154,874	1/4	139,405	1/4	123,809	1/4	108,213	1/4	92,617	1/4	77,020
1/2		1/2		1/2	174,530	1/2	165,041	1/2	154,580	1/2	139,081	1/2	123,484	1/2	107,888	1/2	92,292	1/2	76,696
3/4		3/4		3/4	174,363	3/4	164,841	3/4	154,285	3/4	138,756	3/4	123,159	3/4	107,563	3/4	91,967	3/4	76,371
6		6		6	174,196	6	164,641	6	153,990	6	138,431	6	122,834	6	107,238	6	91,642	6	76,046
1/4		1/4		1/4	174,007	1/4	164,441	1/4	153,674	1/4	138,106	1/4	122,509	1/4	106,913	1/4	91,317	1/4	75,721
1/2		1/2		1/2	173,818	1/2	164,241	1/2	153,359	1/2	137,781	1/2	122,185	1/2	106,588	1/2	90,992	1/2	75,396
3/4		3/4		3/4	173,628	3/4	164,041	3/4	153,043	3/4	137,456	3/4	121,860	3/4	106,263	3/4	90,667	3/4	75,071
7		7		7	173,439	7	163,841	7	152,727	7	137,131	7	121,535	7	105,938	7	90,342	7	74,746
1/4		1/4		1/4	173,239	1/4	163,641	1/4	152,402	1/4	136,806	1/4	121,210	1/4	105,613	1/4	90,017	1/4	74,421
1/2		1/2		1/2	173,040	1/2	163,441	1/2	152,078	1/2	136,481	1/2	120,885	1/2	105,289	1/2	89,692	1/2	74,096
3/4		3/4		3/4	172,840	3/4	163,241	3/4	151,753	3/4	136,156	3/4	120,560	3/4	104,964	3/4	89,367	3/4	73,771
8		8		8	172,640	8	163,041	8	151,428	8	135,831	8	120,235	8	104,639	8	89,042	8	73,446
1/4		1/4		1/4	172,440	1/4	162,841	1/4	151,103	1/4	135,506	1/4	119,910	1/4	104,314	1/4	88,717	1/4	73,121
1/2		1/2		1/2	172,240	1/2	162,642	1/2	150,778	1/2	135,182	1/2	119,585	1/2	103,989	1/2	88,393	1/2	72,796
3/4		3/4		3/4	172,040	3/4	162,442	3/4	150,453	3/4	134,857	3/4	119,260	3/4	103,664	3/4	88,068	3/4	72,471
9		9		9	171,840	9	162,242	9	150,128	9	134,532	9	118,935	9	103,339	9	87,743	9	72,146
1/4		1/4		1/4	171,640	1/4	162,042	1/4	149,803	1/4	134,207	1/4	118,610	1/4	103,014	1/4	87,418	1/4	71,821
1/2		1/2		1/2	171,440	1/2	161,842	1/2	149,478	1/2	133,882	1/2	118,286	1/2	102,689	1/2	87,093	1/2	71,497
3/4		3/4		3/4	171,240	3/4	161,642	3/4	149,153	3/4	133,557	3/4	117,961	3/4	102,364	3/4	86,768	3/4	71,172
10		10	177,044	10	171,040	10	161,442	10	148,828	10	133,232	10	117,636	10	102,039	10	86,443	10	70,847
1/4		1/4	177,033	1/4	170,840	1/4	161,242	1/4	148,503	1/4	132,907	1/4	117,311	1/4	101,714	1/4	86,118	1/4	70,522
1/2		1/2	177,022	1/2	170,640	1/2	161,042	1/2	148,179	1/2	132,582	1/2	116,986	1/2	101,390	1/2	85,793	1/2	70,197
3/4		3/4	177,010	3/4	170,440	3/4	160,842	3/4	147,854	3/4	132,257	3/4	116,661	3/4	101,065	3/4	85,468	3/4	69,872
11		11	176,999	11	170,240	11	160,642	11	147,529	11	131,932	11	116,336	11	100,740	11	85,143	11	69,547
1/4		1/4	176,966	1/4	170,040	1/4	160,442	1/4	147,204	1/4	131,607	1/4	116,011	1/4	100,415	1/4	84,818	1/4	69,222
1/2		1/2	176,933	1/2	169,840	1/2	160,242	1/2	146,879	1/2	131,283	1/2	115,686	1/2	100,090	1/2	84,494	1/2	68,897
3/4		3/4	176,899	3/4	169,640	3/4	160,042	3/4	146,554	3/4	130,958	3/4	115,361	3/4	99,765	3/4	84,169	3/4	68,572

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

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Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 7033"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06"

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	68,247	0	52,651	0	37,055	0	21,424	0	5,822	0		0		0		0		0	
1/4	67,922	1/4	52,326	1/4	36,730	1/4	21,104	1/4	5,496	1/4		1/4		1/4		1/4		1/4	
1/2	67,598	1/2	52,001	1/2	36,405	1/2	20,784	1/2	5,170	1/2		1/2		1/2		1/2		1/2	
3/4	67,273	3/4	51,676	3/4	36,080	3/4	20,463	3/4	4,843	3/4		3/4		3/4		3/4		3/4	
1	66,948	1	51,351	1	35,755	1	20,143	1	4,517	1		1		1		1		1	
1/4	66,623	1/4	51,026	1/4	35,430	1/4	19,823	1/4	4,194	1/4		1/4		1/4		1/4		1/4	
1/2	66,298	1/2	50,702	1/2	35,106	1/2	19,503	1/2	3,871	1/2		1/2		1/2		1/2		1/2	
3/4	65,973	3/4	50,377	3/4	34,781	3/4	19,182	3/4	3,547	3/4		3/4		3/4		3/4		3/4	
2	65,648	2	50,052	2	34,456	2	18,862	2	3,224	2		2		2		2		2	
1/4	65,323	1/4	49,727	1/4	34,131	1/4	18,539	1/4	2,924	1/4		1/4		1/4		1/4		1/4	
1/2	64,998	1/2	49,402	1/2	33,806	1/2	18,216	1/2	2,625	1/2		1/2		1/2		1/2		1/2	
3/4	64,673	3/4	49,077	3/4	33,481	3/4	17,892	3/4	2,325	3/4		3/4		3/4		3/4		3/4	
3	64,348	3	48,752	3	33,156	3	17,569	3	2,025	3		3		3		3		3	
1/4	64,023	1/4	48,427	1/4	32,831	1/4	17,243	1/4	1,786	1/4		1/4		1/4		1/4		1/4	
1/2	63,699	1/2	48,102	1/2	32,505	1/2	16,917	1/2	1,548	1/2		1/2		1/2		1/2		1/2	
3/4	63,374	3/4	47,777	3/4	32,180	3/4	16,590	3/4	1,309	3/4		3/4		3/4		3/4		3/4	
4	63,049	4	47,452	4	31,854	4	16,264	4	1,070	4		4		4		4		4	
1/4	62,724	1/4	47,127	1/4	31,528	1/4	15,938	1/4	910	1/4		1/4		1/4		1/4		1/4	
1/2	62,399	1/2	46,803	1/2	31,202	1/2	15,612	1/2	751	1/2		1/2		1/2		1/2		1/2	
3/4	62,074	3/4	46,478	3/4	30,875	3/4	15,285	3/4	591	3/4		3/4		3/4		3/4		3/4	
5	61,749	5	46,153	5	30,549	5	14,959	5	431	5		5		5		5		5	
1/4	61,424	1/4	45,828	1/4	30,223	1/4	14,633	1/4	350	1/4		1/4		1/4		1/4		1/4	
1/2	61,099	1/2	45,503	1/2	29,896	1/2	14,307	1/2	268	1/2		1/2		1/2		1/2		1/2	
3/4	60,774	3/4	45,178	3/4	29,570	3/4	13,980	3/4	187	3/4		3/4		3/4		3/4		3/4	
6	60,449	6	44,853	6	29,243	6	13,654	6	105	6		6		6		6		6	
1/4	60,124	1/4	44,528	1/4	28,917	1/4	13,328	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59,800	1/2	44,203	1/2	28,591	1/2	13,001	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,475	3/4	43,878	3/4	28,264	3/4	12,675	3/4		3/4		3/4		3/4		3/4		3/4	
7	59,150	7	43,553	7	27,938	7	12,348	7		7		7		7		7		7	
1/4	58,825	1/4	43,228	1/4	27,612	1/4	12,022	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	58,500	1/2	42,904	1/2	27,286	1/2	11,696	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	58,175	3/4	42,579	3/4	26,959	3/4	11,369	3/4		3/4		3/4		3/4		3/4		3/4	
8	57,850	8	42,254	8	26,633	8	11,043	8		8		8		8		8		8	
1/4	57,525	1/4	41,929	1/4	26,307	1/4	10,717	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	57,200	1/2	41,604	1/2	25,981	1/2	10,391	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	56,875	3/4	41,279	3/4	25,654	3/4	10,064	3/4		3/4		3/4		3/4		3/4		3/4	
9	56,550	9	40,954	9	25,328	9	9,738	9		9		9		9		9		9	
1/4	56,225	1/4	40,629	1/4	25,002	1/4	9,412	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	55,900	1/2	40,304	1/2	24,676	1/2	9,086	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	55,575	3/4	39,979	3/4	24,349	3/4	8,759	3/4		3/4		3/4		3/4		3/4		3/4	
10	55,250	10	39,654	10	24,023	10	8,433	10		10		10		10		10		10	
1/4	54,925	1/4	39,329	1/4	23,697	1/4	8,107	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	54,601	1/2	39,005	1/2	23,370	1/2	7,781	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54,276	3/4	38,680	3/4	23,044	3/4	7,454	3/4		3/4		3/4		3/4		3/4		3/4	
11	53,951	11	38,355	11	22,717	11	7,128	11		11		11		11		11		11	
1/4	53,626	1/4	38,030	1/4	22,394	1/4	6,802	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	53,301	1/2	37,705	1/2	22,071	1/2	6,475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	52,976	3/4	37,380	3/4	21,747	3/4	6,149	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/08/2009 INSP
RECALCULATED: 08/08/2019 PMA
REPRINTED: 08/08/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 7033"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	176,933	0	169,840	0	160,242	0	146,879	0	131,283	0	115,686	0	100,090	0	84,494
1/4		1/4		1/4	176,899	1/4	169,640	1/4	160,042	1/4	146,554	1/4	130,958	1/4	115,361	1/4	99,765	1/4	84,169
1/2		1/2		1/2	176,866	1/2	169,440	1/2	159,842	1/2	146,229	1/2	130,633	1/2	115,036	1/2	99,440	1/2	83,844
3/4		3/4		3/4	176,810	3/4	169,240	3/4	159,642	3/4	145,904	3/4	130,308	3/4	114,711	3/4	99,115	3/4	83,519
1		1		1	176,754	1	169,040	1	159,442	1	145,579	1	129,983	1	114,387	1	98,790	1	83,194
1/4		1/4		1/4	176,698	1/4	168,840	1/4	159,242	1/4	145,254	1/4	129,658	1/4	114,062	1/4	98,465	1/4	82,869
1/2		1/2		1/2	176,642	1/2	168,640	1/2	159,042	1/2	144,929	1/2	129,333	1/2	113,737	1/2	98,140	1/2	82,544
3/4		3/4		3/4	176,564	3/4	168,440	3/4	158,832	3/4	144,604	3/4	129,008	3/4	113,412	3/4	97,815	3/4	82,219
2		2		2	176,487	2	168,241	2	158,621	2	144,280	2	128,683	2	113,087	2	97,491	2	81,894
1/4		1/4		1/4	176,409	1/4	168,041	1/4	158,411	1/4	143,955	1/4	128,358	1/4	112,762	1/4	97,166	1/4	81,569
1/2		1/2		1/2	176,331	1/2	167,841	1/2	158,200	1/2	143,630	1/2	128,033	1/2	112,437	1/2	96,841	1/2	81,244
3/4		3/4		3/4	176,231	3/4	167,641	3/4	157,969	3/4	143,305	3/4	127,708	3/4	112,112	3/4	96,516	3/4	80,919
3		3		3	176,131	3	167,441	3	157,737	3	142,980	3	127,384	3	111,787	3	96,191	3	80,595
1/4		1/4		1/4	176,031	1/4	167,241	1/4	157,506	1/4	142,655	1/4	127,059	1/4	111,462	1/4	95,866	1/4	80,270
1/2		1/2		1/2	175,931	1/2	167,041	1/2	157,274	1/2	142,330	1/2	126,734	1/2	111,137	1/2	95,541	1/2	79,945
3/4		3/4		3/4	175,809	3/4	166,841	3/4	157,022	3/4	142,005	3/4	126,409	3/4	110,812	3/4	95,216	3/4	79,620
4		4		4	175,686	4	166,641	4	156,769	4	141,680	4	126,084	4	110,488	4	94,891	4	79,295
1/4		1/4		1/4	175,564	1/4	166,441	1/4	156,517	1/4	141,355	1/4	125,759	1/4	110,163	1/4	94,566	1/4	78,970
1/2		1/2		1/2	175,441	1/2	166,241	1/2	156,264	1/2	141,030	1/2	125,434	1/2	109,838	1/2	94,241	1/2	78,645
3/4		3/4		3/4	175,297	3/4	166,041	3/4	155,990	3/4	140,705	3/4	125,109	3/4	109,513	3/4	93,916	3/4	78,320
5		5		5	175,152	5	165,841	5	155,717	5	140,380	5	124,784	5	109,188	5	93,592	5	77,995
1/4		1/4		1/4	175,008	1/4	165,641	1/4	155,443	1/4	140,055	1/4	124,459	1/4	108,863	1/4	93,267	1/4	77,670
1/2		1/2		1/2	174,863	1/2	165,441	1/2	155,169	1/2	139,730	1/2	124,134	1/2	108,538	1/2	92,942	1/2	77,345
3/4		3/4		3/4	174,696	3/4	165,241	3/4	154,874	3/4	139,405	3/4	123,809	3/4	108,213	3/4	92,617	3/4	77,020
6		6		6	174,530	6	165,041	6	154,580	6	139,081	6	123,484	6	107,888	6	92,292	6	76,696
1/4		1/4		1/4	174,363	1/4	164,841	1/4	154,285	1/4	138,756	1/4	123,159	1/4	107,563	1/4	91,967	1/4	76,371
1/2		1/2		1/2	174,196	1/2	164,641	1/2	153,990	1/2	138,431	1/2	122,834	1/2	107,238	1/2	91,642	1/2	76,046
3/4		3/4		3/4	174,007	3/4	164,441	3/4	153,674	3/4	138,106	3/4	122,509	3/4	106,913	3/4	91,317	3/4	75,721
7		7		7	173,818	7	164,241	7	153,359	7	137,781	7	122,185	7	106,588	7	90,992	7	75,396
1/4		1/4		1/4	173,628	1/4	164,041	1/4	153,043	1/4	137,456	1/4	121,860	1/4	106,263	1/4	90,667	1/4	75,071
1/2		1/2		1/2	173,439	1/2	163,841	1/2	152,727	1/2	137,131	1/2	121,535	1/2	105,938	1/2	90,342	1/2	74,746
3/4		3/4		3/4	173,239	3/4	163,641	3/4	152,402	3/4	136,806	3/4	121,210	3/4	105,613	3/4	90,017	3/4	74,421
8		8		8	173,040	8	163,441	8	152,078	8	136,481	8	120,885	8	105,289	8	89,692	8	74,096
1/4		1/4		1/4	172,840	1/4	163,241	1/4	151,753	1/4	136,156	1/4	120,560	1/4	104,964	1/4	89,367	1/4	73,771
1/2		1/2		1/2	172,640	1/2	163,041	1/2	151,428	1/2	135,831	1/2	120,235	1/2	104,639	1/2	89,042	1/2	73,446
3/4		3/4		3/4	172,440	3/4	162,841	3/4	151,103	3/4	135,506	3/4	119,910	3/4	104,314	3/4	88,717	3/4	73,121
9		9		9	172,240	9	162,642	9	150,778	9	135,182	9	119,585	9	103,989	9	88,393	9	72,796
1/4		1/4		1/4	172,040	1/4	162,442	1/4	150,453	1/4	134,857	1/4	119,260	1/4	103,664	1/4	88,068	1/4	72,471
1/2		1/2		1/2	171,840	1/2	162,242	1/2	150,128	1/2	134,532	1/2	118,935	1/2	103,339	1/2	87,743	1/2	72,146
3/4		3/4		3/4	171,640	3/4	162,042	3/4	149,803	3/4	134,207	3/4	118,610	3/4	103,014	3/4	87,418	3/4	71,821
10		10		10	171,440	10	161,842	10	149,478	10	133,882	10	118,286	10	102,689	10	87,093	10	71,497
1/4		1/4		1/4	171,240	1/4	161,642	1/4	149,153	1/4	133,557	1/4	117,961	1/4	102,364	1/4	86,768	1/4	71,172
1/2		1/2		1/2	177,044	1/2	171,040	1/2	148,828	1/2	133,232	1/2	117,636	1/2	102,039	1/2	86,443	1/2	70,847
3/4		3/4		3/4	177,033	3/4	170,840	3/4	148,503	3/4	132,907	3/4	117,311	3/4	101,714	3/4	86,118	3/4	70,522
11		11		11	177,022	11	170,640	11	148,179	11	132,582	11	116,986	11	101,390	11	85,793	11	70,197
1/4		1/4		1/4	177,010	1/4	170,440	1/4	147,854	1/4	132,257	1/4	116,661	1/4	101,065	1/4	85,468	1/4	69,872
1/2		1/2		1/2	176,999	1/2	170,240	1/2	147,529	1/2	131,932	1/2	116,336	1/2	100,740	1/2	85,143	1/2	69,547
3/4		3/4		3/4	176,966	3/4	170,040	3/4	147,204	3/4	131,607	3/4	116,011	3/4	100,415	3/4	84,818	3/4	69,222

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 AT THE EXPANSION DOME

CAPACITY TABLE BASED ON SUBMITTED DATA FROM CANAL BARGE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 7033"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,897	0	53,301	0	37,705	0	22,071	0	6,475	0		0		0		0		0	
1/4	68,572	1/4	52,976	1/4	37,380	1/4	21,747	1/4	6,149	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,247	1/2	52,651	1/2	37,055	1/2	21,424	1/2	5,822	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,922	3/4	52,326	3/4	36,730	3/4	21,104	3/4	5,496	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	67,598	1	52,001	1	36,405	1	20,784	1	5,170	1		1		1		1		1	
1/4	67,273	1/4	51,676	1/4	36,080	1/4	20,463	1/4	4,843	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,948	1/2	51,351	1/2	35,755	1/2	20,143	1/2	4,517	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,623	3/4	51,026	3/4	35,430	3/4	19,823	3/4	4,194	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	66,298	2	50,702	2	35,106	2	19,503	2	3,871	2		2		2		2		2	
1/4	65,973	1/4	50,377	1/4	34,781	1/4	19,182	1/4	3,547	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,648	1/2	50,052	1/2	34,456	1/2	18,862	1/2	3,224	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,323	3/4	49,727	3/4	34,131	3/4	18,539	3/4	2,924	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	64,998	3	49,402	3	33,806	3	18,216	3	2,625	3		3		3		3		3	
1/4	64,673	1/4	49,077	1/4	33,481	1/4	17,892	1/4	2,325	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,348	1/2	48,752	1/2	33,156	1/2	17,569	1/2	2,025	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,023	3/4	48,427	3/4	32,831	3/4	17,243	3/4	1,786	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	63,699	4	48,102	4	32,505	4	16,917	4	1,548	4		4		4		4		4	
1/4	63,374	1/4	47,777	1/4	32,180	1/4	16,590	1/4	1,309	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,049	1/2	47,452	1/2	31,854	1/2	16,264	1/2	1,070	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,724	3/4	47,127	3/4	31,528	3/4	15,938	3/4	910	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	62,399	5	46,803	5	31,202	5	15,612	5	751	5		5		5		5		5	
1/4	62,074	1/4	46,478	1/4	30,875	1/4	15,285	1/4	591	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,749	1/2	46,153	1/2	30,549	1/2	14,959	1/2	431	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,424	3/4	45,828	3/4	30,223	3/4	14,633	3/4	350	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	61,099	6	45,503	6	29,896	6	14,307	6	268	6		6		6		6		6	
1/4	60,774	1/4	45,178	1/4	29,570	1/4	13,980	1/4	187	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,449	1/2	44,853	1/2	29,243	1/2	13,654	1/2	105	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,124	3/4	44,528	3/4	28,917	3/4	13,328	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	59,800	7	44,203	7	28,591	7	13,001	7		7		7		7		7		7	
1/4	59,475	1/4	43,878	1/4	28,264	1/4	12,675	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,150	1/2	43,553	1/2	27,938	1/2	12,348	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,825	3/4	43,228	3/4	27,612	3/4	12,022	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	58,500	8	42,904	8	27,286	8	11,696	8		8		8		8		8		8	
1/4	58,175	1/4	42,579	1/4	26,959	1/4	11,369	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,850	1/2	42,254	1/2	26,633	1/2	11,043	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,525	3/4	41,929	3/4	26,307	3/4	10,717	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	57,200	9	41,604	9	25,981	9	10,391	9		9		9		9		9		9	
1/4	56,875	1/4	41,279	1/4	25,654	1/4	10,064	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,550	1/2	40,954	1/2	25,328	1/2	9,738	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,225	3/4	40,629	3/4	25,002	3/4	9,412	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	55,900	10	40,304	10	24,676	10	9,086	10		10		10		10		10		10	
1/4	55,575	1/4	39,979	1/4	24,349	1/4	8,759	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,250	1/2	39,654	1/2	24,023	1/2	8,433	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,925	3/4	39,329	3/4	23,697	3/4	8,107	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	54,601	11	39,005	11	23,370	11	7,781	11		11		11		11		11		11	
1/4	54,276	1/4	38,680	1/4	23,044	1/4	7,454	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,951	1/2	38,355	1/2	22,717	1/2	7,128	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,626	3/4	38,030	3/4	22,394	3/4	6,802	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: 09/08/2009 INSP
RECALCULATED: 08/08/2019 PMA
REPRINTED: 08/08/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

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

OUTAGE TABLE

FUEL OIL TANK

HULL NO. 2180-1

[illegible]

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 9/8/09

REFERENCE GAUGE HEIGHT: 4'-1" (RIM OF 2" DIAMETER STAND PIPE
NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
IN ACCORDANCE WITH APPLICABLE API STANDARDS AND
ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

S. Crumault
INSPECTORATE AMERICA CORPORATION