



BARGE "CBC 1702"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 162'-09"

June 10, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**
 P.O. Box 2092
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BARGE "CBC 1702"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	15,706	0	34,516	0	53,167	0	71,861	0	90,642	0	109,423	0	128,180	0	146,966	0	165,753
1/4	88	1/4	16,098	1/4	34,908	1/4	53,553	1/4	72,253	1/4	91,033	1/4	109,813	1/4	128,571	1/4	147,358	1/4	166,144
1/2	137	1/2	16,490	1/2	35,299	1/2	53,938	1/2	72,644	1/2	91,425	1/2	110,204	1/2	128,963	1/2	147,749	1/2	166,535
3/4	186	3/4	16,882	3/4	35,691	3/4	54,324	3/4	73,035	3/4	91,816	3/4	110,595	3/4	129,354	3/4	148,141	3/4	166,927
1	235	1	17,274	1	36,082	1	54,710	1	73,426	1	92,207	1	110,986	1	129,746	1	148,532	1	167,318
1/4	382	1/4	17,666	1/4	36,474	1/4	55,095	1/4	73,818	1/4	92,598	1/4	111,376	1/4	130,137	1/4	148,923	1/4	167,709
1/2	529	1/2	18,057	1/2	36,865	1/2	55,481	1/2	74,209	1/2	92,990	1/2	111,767	1/2	130,528	1/2	149,315	1/2	168,100
3/4	676	3/4	18,449	3/4	37,256	3/4	55,867	3/4	74,600	3/4	93,381	3/4	112,157	3/4	130,920	3/4	149,706	3/4	168,491
2	823	2	18,841	2	37,648	2	56,252	2	74,991	2	93,772	2	112,548	2	131,311	2	150,097	2	168,882
1/4	1,068	1/4	19,233	1/4	38,039	1/4	56,638	1/4	75,383	1/4	94,163	1/4	112,939	1/4	131,702	1/4	150,489	1/4	169,273
1/2	1,313	1/2	19,625	1/2	38,431	1/2	57,024	1/2	75,774	1/2	94,555	1/2	113,329	1/2	132,094	1/2	150,880	1/2	169,663
3/4	1,558	3/4	20,017	3/4	38,822	3/4	57,410	3/4	76,165	3/4	94,946	3/4	113,720	3/4	132,485	3/4	151,272	3/4	170,054
3	1,803	3	20,409	3	39,214	3	57,797	3	76,557	3	95,337	3	114,111	3	132,877	3	151,663	3	170,445
1/4	2,146	1/4	20,801	1/4	39,605	1/4	58,183	1/4	76,948	1/4	95,728	1/4	114,501	1/4	133,268	1/4	152,054	1/4	170,836
1/2	2,489	1/2	21,193	1/2	39,997	1/2	58,569	1/2	77,339	1/2	96,120	1/2	114,892	1/2	133,659	1/2	152,446	1/2	171,227
3/4	2,831	3/4	21,585	3/4	40,388	3/4	58,955	3/4	77,730	3/4	96,511	3/4	115,283	3/4	134,051	3/4	152,837	3/4	171,618
4	3,174	4	21,977	4	40,779	4	59,341	4	78,122	4	96,902	4	115,673	4	134,442	4	153,229	4	172,009
1/4	3,564	1/4	22,369	1/4	41,171	1/4	59,732	1/4	78,513	1/4	97,293	1/4	116,064	1/4	134,834	1/4	153,620	1/4	172,400
1/2	3,954	1/2	22,761	1/2	41,562	1/2	60,123	1/2	78,904	1/2	97,685	1/2	116,455	1/2	135,225	1/2	154,011	1/2	172,790
3/4	4,344	3/4	23,152	3/4	41,954	3/4	60,515	3/4	79,295	3/4	98,076	3/4	116,845	3/4	135,616	3/4	154,403	3/4	173,181
5	4,734	5	23,544	5	42,345	5	60,906	5	79,687	5	98,467	5	117,236	5	136,008	5	154,794	5	173,572
1/4	5,126	1/4	23,936	1/4	42,737	1/4	61,297	1/4	80,078	1/4	98,858	1/4	117,627	1/4	136,399	1/4	155,185	1/4	173,963
1/2	5,517	1/2	24,328	1/2	43,128	1/2	61,689	1/2	80,469	1/2	99,250	1/2	118,017	1/2	136,790	1/2	155,577	1/2	174,354
3/4	5,909	3/4	24,720	3/4	43,519	3/4	62,080	3/4	80,860	3/4	99,641	3/4	118,408	3/4	137,182	3/4	155,968	3/4	174,745
6	6,300	6	25,112	6	43,911	6	62,471	6	81,252	6	100,032	6	118,798	6	137,573	6	156,360	6	175,136
1/4	6,692	1/4	25,504	1/4	44,297	1/4	62,862	1/4	81,643	1/4	100,424	1/4	119,189	1/4	137,965	1/4	156,751	1/4	175,527
1/2	7,084	1/2	25,896	1/2	44,682	1/2	63,254	1/2	82,034	1/2	100,815	1/2	119,580	1/2	138,356	1/2	157,142	1/2	175,918
3/4	7,475	3/4	26,288	3/4	45,068	3/4	63,645	3/4	82,425	3/4	101,206	3/4	119,970	3/4	138,747	3/4	157,534	3/4	176,308
7	7,867	7	26,680	7	45,454	7	64,036	7	82,817	7	101,597	7	120,361	7	139,139	7	157,925	7	176,699
1/4	8,259	1/4	27,072	1/4	45,839	1/4	64,427	1/4	83,208	1/4	101,989	1/4	120,752	1/4	139,530	1/4	158,317	1/4	177,043
1/2	8,651	1/2	27,464	1/2	46,225	1/2	64,819	1/2	83,599	1/2	102,380	1/2	121,142	1/2	139,922	1/2	158,708	1/2	177,386
3/4	9,043	3/4	27,856	3/4	46,611	3/4	65,210	3/4	83,991	3/4	102,771	3/4	121,533	3/4	140,313	3/4	159,099	3/4	177,729
8	9,435	8	28,248	8	46,996	8	65,601	8	84,382	8	103,162	8	121,924	8	140,704	8	159,491	8	178,073
1/4	9,827	1/4	28,639	1/4	47,382	1/4	65,992	1/4	84,773	1/4	103,554	1/4	122,314	1/4	141,096	1/4	159,882	1/4	178,416
1/2	10,219	1/2	29,031	1/2	47,768	1/2	66,384	1/2	85,164	1/2	103,945	1/2	122,705	1/2	141,487	1/2	160,273	1/2	178,760
3/4	10,611	3/4	29,423	3/4	48,153	3/4	66,775	3/4	85,556	3/4	104,336	3/4	123,096	3/4	141,878	3/4	160,665	3/4	179,103
9	11,003	9	29,815	9	48,539	9	67,166	9	85,947	9	104,727	9	123,486	9	142,270	9	161,056	9	179,446
1/4	11,395	1/4	30,207	1/4	48,925	1/4	67,557	1/4	86,338	1/4	105,119	1/4	123,877	1/4	142,661	1/4	161,448	1/4	179,790
1/2	11,787	1/2	30,599	1/2	49,310	1/2	67,949	1/2	86,729	1/2	105,510	1/2	124,268	1/2	143,053	1/2	161,839	1/2	180,133
3/4	12,179	3/4	30,991	3/4	49,696	3/4	68,340	3/4	87,121	3/4	105,901	3/4	124,658	3/4	143,444	3/4	162,230	3/4	180,476
10	12,570	10	31,383	10	50,082	10	68,731	10	87,512	10	106,292	10	125,049	10	143,835	10	162,622	10	180,820
1/4	12,962	1/4	31,775	1/4	50,467	1/4	69,123	1/4	87,903	1/4	106,684	1/4	125,440	1/4	144,227	1/4	163,013	1/4	181,163
1/2	13,354	1/2	32,167	1/2	50,853	1/2	69,514	1/2	88,294	1/2	107,075	1/2	125,832	1/2	144,618	1/2	163,404	1/2	181,506
3/4	13,746	3/4	32,559	3/4	51,239	3/4	69,905	3/4	88,686	3/4	107,466	3/4	126,223	3/4	145,009	3/4	163,796	3/4	181,850
11	14,138	11	32,951	11	51,624	11	70,296	11	89,077	11	107,858	11	126,614	11	145,401	11	164,187	11	182,193
1/4	14,530	1/4	33,342	1/4	52,010	1/4	70,688	1/4	89,468	1/4	108,249	1/4	127,006	1/4	145,792	1/4	164,579	1/4	182,536
1/2	14,922	1/2	33,734	1/2	52,396	1/2	71,079	1/2	89,859	1/2	108,640	1/2	127,397	1/2	146,184	1/2	164,970	1/2	182,880
3/4	15,314	3/4	34,125	3/4	52,781	3/4	71,470	3/4	90,251	3/4	109,031	3/4	127,789	3/4	146,575	3/4	165,361	3/4	183,223

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 1'-03" OFF CENTERLINE AND 22'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 1702"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	183,567	0	200,011	0	216,449	0	229,848	0		0		0		0		0		0	
1/4	183,910	1/4	200,354	1/4	216,791	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	184,253	1/2	200,696	1/2	217,134	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	184,597	3/4	201,039	3/4	217,476	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	184,940	1	201,381	1	217,819	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	185,283	1/4	201,724	1/4	218,161	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	185,627	1/2	202,066	1/2	218,504	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	185,970	3/4	202,408	3/4	218,846	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	186,313	2	202,751	2	219,188	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	186,656	1/4	203,093	1/4	219,531	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	186,998	1/2	203,436	1/2	219,873	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	187,341	3/4	203,778	3/4	220,216	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	187,683	3	204,121	3	220,558	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	188,026	1/4	204,463	1/4	220,901	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	188,368	1/2	204,806	1/2	221,243	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	188,711	3/4	205,148	3/4	221,586	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	189,053	4	205,491	4	221,928	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	189,395	1/4	205,833	1/4	222,270	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	189,738	1/2	206,175	1/2	222,613	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	190,080	3/4	206,518	3/4	222,955	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	190,423	5	206,860	5	223,298	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	190,765	1/4	207,203	1/4	223,640	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	191,108	1/2	207,545	1/2	223,982	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	191,450	3/4	207,888	3/4	224,325	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	191,793	6	208,230	6	224,667	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	192,135	1/4	208,573	1/4	224,998	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	192,478	1/2	208,915	1/2	225,328	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	192,820	3/4	209,257	3/4	225,659	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	193,162	7	209,600	7	225,990	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	193,505	1/4	209,942	1/4	226,313	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	193,847	1/2	210,285	1/2	226,637	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	194,190	3/4	210,627	3/4	226,960	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	194,532	8	210,970	8	227,284	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	194,875	1/4	211,312	1/4	227,542	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	195,217	1/2	211,655	1/2	227,800	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	195,560	3/4	211,997	3/4	228,059	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	195,902	9	212,339	9	228,317	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	196,244	1/4	212,682	1/4	228,510	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	196,587	1/2	213,024	1/2	228,703	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	196,929	3/4	213,367	3/4	228,895	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	197,272	10	213,709	10	229,088	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	197,614	1/4	214,052	1/4	229,216	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	197,957	1/2	214,394	1/2	229,343	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	198,299	3/4	214,737	3/4	229,471	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	198,642	11	215,079	11	229,599	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	198,984	1/4	215,422	1/4	229,661	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	199,326	1/2	215,764	1/2	229,723	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	199,669	3/4	216,106	3/4	229,785	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/10/2019 JS
CALCULATED: 06/10/2019 CL
PRINTED: 06/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

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



BARGE "CBC 1702"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-07 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	751	0	10,985	0	21,499	0	31,980	0	42,492	0	53,006	0	63,520	0	74,034	0	84,548	0	95,061
1/4	888	1/4	11,204	1/4	21,718	1/4	32,199	1/4	42,711	1/4	53,225	1/4	63,739	1/4	74,253	1/4	84,767	1/4	95,280
1/2	1,025	1/2	11,423	1/2	21,937	1/2	32,417	1/2	42,930	1/2	53,444	1/2	63,958	1/2	74,472	1/2	84,986	1/2	95,499
3/4	1,217	3/4	11,642	3/4	22,156	3/4	32,636	3/4	43,149	3/4	53,663	3/4	64,177	3/4	74,691	3/4	85,205	3/4	95,718
1	1,408	1	11,861	1	22,375	1	32,854	1	43,368	1	53,882	1	64,396	1	74,910	1	85,424	1	95,937
1/4	1,600	1/4	12,080	1/4	22,594	1/4	33,073	1/4	43,587	1/4	54,101	1/4	64,615	1/4	75,129	1/4	85,643	1/4	96,156
1/2	1,791	1/2	12,299	1/2	22,813	1/2	33,292	1/2	43,806	1/2	54,320	1/2	64,834	1/2	75,348	1/2	85,863	1/2	96,375
3/4	2,009	3/4	12,518	3/4	23,032	3/4	33,511	3/4	44,025	3/4	54,539	3/4	65,053	3/4	75,567	3/4	86,082	3/4	96,594
2	2,227	2	12,738	2	23,251	2	33,730	2	44,244	2	54,758	2	65,272	2	75,786	2	86,301	2	96,813
1/4	2,445	1/4	12,957	1/4	23,470	1/4	33,949	1/4	44,463	1/4	54,977	1/4	65,491	1/4	76,005	1/4	86,520	1/4	97,032
1/2	2,663	1/2	13,176	1/2	23,689	1/2	34,168	1/2	44,682	1/2	55,196	1/2	65,710	1/2	76,225	1/2	86,739	1/2	97,251
3/4	2,882	3/4	13,395	3/4	23,908	3/4	34,387	3/4	44,901	3/4	55,415	3/4	65,929	3/4	76,444	3/4	86,958	3/4	97,470
3	3,101	3	13,614	3	24,127	3	34,606	3	45,120	3	55,634	3	66,148	3	76,663	3	87,177	3	97,689
1/4	3,319	1/4	13,833	1/4	24,346	1/4	34,825	1/4	45,339	1/4	55,853	1/4	66,368	1/4	76,882	1/4	87,396	1/4	97,908
1/2	3,538	1/2	14,052	1/2	24,565	1/2	35,044	1/2	45,558	1/2	56,072	1/2	66,587	1/2	77,101	1/2	87,615	1/2	98,127
3/4	3,757	3/4	14,271	3/4	24,783	3/4	35,263	3/4	45,777	3/4	56,291	3/4	66,806	3/4	77,320	3/4	87,834	3/4	98,345
4	3,976	4	14,490	4	25,002	4	35,482	4	45,996	4	56,510	4	67,025	4	77,539	4	88,053	4	98,564
1/4	4,195	1/4	14,709	1/4	25,220	1/4	35,701	1/4	46,215	1/4	56,730	1/4	67,244	1/4	77,758	1/4	88,272	1/4	98,783
1/2	4,414	1/2	14,928	1/2	25,438	1/2	35,920	1/2	46,434	1/2	56,949	1/2	67,463	1/2	77,977	1/2	88,491	1/2	99,002
3/4	4,633	3/4	15,147	3/4	25,656	3/4	36,139	3/4	46,653	3/4	57,168	3/4	67,682	3/4	78,196	3/4	88,710	3/4	99,221
5	4,852	5	15,366	5	25,874	5	36,358	5	46,873	5	57,387	5	67,901	5	78,415	5	88,929	5	99,440
1/4	5,071	1/4	15,585	1/4	26,092	1/4	36,577	1/4	47,092	1/4	57,606	1/4	68,120	1/4	78,634	1/4	89,148	1/4	99,659
1/2	5,290	1/2	15,804	1/2	26,310	1/2	36,796	1/2	47,311	1/2	57,825	1/2	68,339	1/2	78,853	1/2	89,367	1/2	99,878
3/4	5,509	3/4	16,023	3/4	26,528	3/4	37,015	3/4	47,530	3/4	58,044	3/4	68,558	3/4	79,072	3/4	89,586	3/4	100,097
6	5,728	6	16,242	6	26,746	6	37,235	6	47,749	6	58,263	6	68,777	6	79,291	6	89,805	6	100,316
1/4	5,947	1/4	16,461	1/4	26,964	1/4	37,454	1/4	47,968	1/4	58,482	1/4	68,996	1/4	79,510	1/4	90,024	1/4	100,535
1/2	6,166	1/2	16,680	1/2	27,182	1/2	37,673	1/2	48,187	1/2	58,701	1/2	69,215	1/2	79,729	1/2	90,243	1/2	100,754
3/4	6,385	3/4	16,899	3/4	27,400	3/4	37,892	3/4	48,406	3/4	58,920	3/4	69,434	3/4	79,948	3/4	90,462	3/4	100,973
7	6,605	7	17,118	7	27,618	7	38,111	7	48,625	7	59,139	7	69,653	7	80,167	7	90,681	7	101,192
1/4	6,824	1/4	17,337	1/4	27,836	1/4	38,330	1/4	48,844	1/4	59,358	1/4	69,872	1/4	80,386	1/4	90,901	1/4	101,411
1/2	7,043	1/2	17,556	1/2	28,054	1/2	38,549	1/2	49,063	1/2	59,577	1/2	70,091	1/2	80,605	1/2	91,120	1/2	101,630
3/4	7,262	3/4	17,775	3/4	28,272	3/4	38,768	3/4	49,282	3/4	59,796	3/4	70,310	3/4	80,824	3/4	91,339	3/4	101,849
8	7,481	8	17,994	8	28,490	8	38,987	8	49,501	8	60,015	8	70,529	8	81,044	8	91,558	8	102,067
1/4	7,700	1/4	18,213	1/4	28,708	1/4	39,206	1/4	49,720	1/4	60,234	1/4	70,748	1/4	81,263	1/4	91,777	1/4	102,286
1/2	7,919	1/2	18,432	1/2	28,926	1/2	39,425	1/2	49,939	1/2	60,453	1/2	70,967	1/2	81,482	1/2	91,996	1/2	102,505
3/4	8,138	3/4	18,651	3/4	29,144	3/4	39,644	3/4	50,158	3/4	60,672	3/4	71,186	3/4	81,701	3/4	92,215	3/4	102,724
9	8,357	9	18,871	9	29,362	9	39,863	9	50,377	9	60,891	9	71,406	9	81,920	9	92,434	9	102,943
1/4	8,576	1/4	19,090	1/4	29,580	1/4	40,082	1/4	50,596	1/4	61,110	1/4	71,625	1/4	82,139	1/4	92,653	1/4	103,162
1/2	8,795	1/2	19,309	1/2	29,798	1/2	40,301	1/2	50,815	1/2	61,329	1/2	71,844	1/2	82,358	1/2	92,872	1/2	103,381
3/4	9,014	3/4	19,528	3/4	30,016	3/4	40,520	3/4	51,034	3/4	61,549	3/4	72,063	3/4	82,577	3/4	93,091	3/4	103,600
10	9,233	10	19,747	10	30,235	10	40,739	10	51,253	10	61,768	10	72,282	10	82,796	10	93,310	10	103,819
1/4	9,452	1/4	19,966	1/4	30,453	1/4	40,958	1/4	51,472	1/4	61,987	1/4	72,501	1/4	83,015	1/4	93,529	1/4	104,038
1/2	9,671	1/2	20,185	1/2	30,671	1/2	41,177	1/2	51,691	1/2	62,206	1/2	72,720	1/2	83,234	1/2	93,748	1/2	104,257
3/4	9,890	3/4	20,404	3/4	30,889	3/4	41,396	3/4	51,911	3/4	62,425	3/4	72,939	3/4	83,453	3/4	93,967	3/4	104,476
11	10,109	11	20,623	11	31,107	11	41,615	11	52,130	11	62,644	11	73,158	11	83,672	11	94,186	11	104,695
1/4	10,328	1/4	20,842	1/4	31,325	1/4	41,834	1/4	52,349	1/4	62,863	1/4	73,377	1/4	83,891	1/4	94,405	1/4	104,914
1/2	10,547	1/2	21,061	1/2	31,543	1/2	42,054	1/2	52,568	1/2	63,082	1/2	73,596	1/2	84,110	1/2	94,623	1/2	105,133
3/4	10,766	3/4	21,280	3/4	31,761	3/4	42,273	3/4	52,787	3/4	63,301	3/4	73,815	3/4	84,329	3/4	94,842	3/4	105,352

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 14'-09" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 1702"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-07 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	105,570	0	116,064	0	126,544	0		0		0		0		0		0		0	
1/4	105,789	1/4	116,282	1/4	126,762	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,008	1/2	116,500	1/2	126,980	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,227	3/4	116,719	3/4	127,199	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	106,446	1	116,937	1	127,417	1		1		1		1		1		1		1	
1/4	106,665	1/4	117,155	1/4	127,635	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,884	1/2	117,374	1/2	127,854	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,103	3/4	117,592	3/4	128,072	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	107,322	2	117,810	2	128,290	2		2		2		2		2		2		2	
1/4	107,541	1/4	118,029	1/4	128,509	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,760	1/2	118,247	1/2	128,727	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,979	3/4	118,465	3/4	128,945	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	108,198	3	118,684	3	129,164	3		3		3		3		3		3		3	
1/4	108,417	1/4	118,902	1/4	129,382	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,636	1/2	119,120	1/2	129,600	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,855	3/4	119,339	3/4	129,812	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	109,074	4	119,557	4	130,024	4		4		4		4		4		4		4	
1/4	109,292	1/4	119,775	1/4	130,235	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,511	1/2	119,994	1/2	130,447	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,730	3/4	120,212	3/4	130,627	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	109,949	5	120,430	5	130,807	5		5		5		5		5		5		5	
1/4	110,168	1/4	120,649	1/4	130,987	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,387	1/2	120,867	1/2	131,168	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,606	3/4	121,085	3/4	131,311	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	110,824	6	121,304	6	131,455	6		6		6		6		6		6		6	
1/4	111,042	1/4	121,522	1/4	131,598	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,261	1/2	121,740	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,479	3/4	121,959	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	111,697	7	122,177	7		7		7		7		7		7		7		7	
1/4	111,916	1/4	122,395	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,134	1/2	122,614	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,352	3/4	122,832	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	112,571	8	123,050	8		8		8		8		8		8		8		8	
1/4	112,789	1/4	123,269	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,007	1/2	123,487	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,226	3/4	123,705	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	113,444	9	123,924	9		9		9		9		9		9		9		9	
1/4	113,662	1/4	124,142	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,880	1/2	124,360	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,099	3/4	124,579	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	114,317	10	124,797	10		10		10		10		10		10		10		10	
1/4	114,535	1/4	125,015	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,754	1/2	125,234	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,972	3/4	125,452	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	115,190	11	125,670	11		11		11		11		11		11		11		11	
1/4	115,409	1/4	125,889	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,627	1/2	126,107	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,845	3/4	126,325	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: 06/10/2019 JS
CALCULATED: 06/10/2019 CL
PRINTED: 06/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 1702"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	750	0	10,974	0	21,478	0	31,695	0	42,152	0	52,655	0	63,159	0	73,663	0	84,167	0	94,669
1/4	887	1/4	11,193	1/4	21,697	1/4	31,906	1/4	42,370	1/4	52,874	1/4	63,378	1/4	73,882	1/4	84,386	1/4	94,888
1/2	1,024	1/2	11,412	1/2	21,915	1/2	32,117	1/2	42,589	1/2	53,093	1/2	63,597	1/2	74,101	1/2	84,604	1/2	95,107
3/4	1,215	3/4	11,631	3/4	22,134	3/4	32,328	3/4	42,808	3/4	53,312	3/4	63,816	3/4	74,319	3/4	84,823	3/4	95,326
1	1,407	1	11,850	1	22,353	1	32,539	1	43,027	1	53,531	1	64,034	1	74,538	1	85,042	1	95,544
1/4	1,598	1/4	12,069	1/4	22,572	1/4	32,750	1/4	43,246	1/4	53,749	1/4	64,253	1/4	74,757	1/4	85,261	1/4	95,763
1/2	1,790	1/2	12,287	1/2	22,791	1/2	32,961	1/2	43,465	1/2	53,968	1/2	64,472	1/2	74,976	1/2	85,480	1/2	95,982
3/4	2,007	3/4	12,506	3/4	23,010	3/4	33,180	3/4	43,683	3/4	54,187	3/4	64,691	3/4	75,195	3/4	85,699	3/4	96,201
2	2,225	2	12,725	2	23,228	2	33,398	2	43,902	2	54,406	2	64,910	2	75,414	2	85,917	2	96,419
1/4	2,443	1/4	12,944	1/4	23,447	1/4	33,617	1/4	44,121	1/4	54,625	1/4	65,129	1/4	75,632	1/4	86,136	1/4	96,638
1/2	2,661	1/2	13,163	1/2	23,666	1/2	33,836	1/2	44,340	1/2	54,844	1/2	65,347	1/2	75,851	1/2	86,355	1/2	96,857
3/4	2,879	3/4	13,381	3/4	23,885	3/4	34,055	3/4	44,559	3/4	55,062	3/4	65,566	3/4	76,070	3/4	86,574	3/4	97,075
3	3,098	3	13,600	3	24,104	3	34,274	3	44,777	3	55,281	3	65,785	3	76,289	3	86,793	3	97,294
1/4	3,316	1/4	13,819	1/4	24,322	1/4	34,493	1/4	44,996	1/4	55,500	1/4	66,004	1/4	76,508	1/4	87,012	1/4	97,513
1/2	3,535	1/2	14,038	1/2	24,541	1/2	34,711	1/2	45,215	1/2	55,719	1/2	66,223	1/2	76,727	1/2	87,230	1/2	97,732
3/4	3,753	3/4	14,257	3/4	24,752	3/4	34,930	3/4	45,434	3/4	55,938	3/4	66,442	3/4	76,945	3/4	87,449	3/4	97,950
4	3,972	4	14,476	4	24,962	4	35,149	4	45,653	4	56,157	4	66,660	4	77,164	4	87,668	4	98,169
1/4	4,191	1/4	14,694	1/4	25,172	1/4	35,368	1/4	45,872	1/4	56,375	1/4	66,879	1/4	77,383	1/4	87,887	1/4	98,388
1/2	4,410	1/2	14,913	1/2	25,383	1/2	35,587	1/2	46,090	1/2	56,594	1/2	67,098	1/2	77,602	1/2	88,106	1/2	98,607
3/4	4,629	3/4	15,132	3/4	25,593	3/4	35,806	3/4	46,309	3/4	56,813	3/4	67,317	3/4	77,821	3/4	88,324	3/4	98,825
5	4,847	5	15,351	5	25,803	5	36,024	5	46,528	5	57,032	5	67,536	5	78,040	5	88,543	5	99,044
1/4	5,066	1/4	15,570	1/4	26,014	1/4	36,243	1/4	46,747	1/4	57,251	1/4	67,755	1/4	78,258	1/4	88,762	1/4	99,263
1/2	5,285	1/2	15,788	1/2	26,224	1/2	36,462	1/2	46,966	1/2	57,470	1/2	67,973	1/2	78,477	1/2	88,981	1/2	99,481
3/4	5,504	3/4	16,007	3/4	26,435	3/4	36,681	3/4	47,185	3/4	57,688	3/4	68,192	3/4	78,696	3/4	89,200	3/4	99,700
6	5,723	6	16,226	6	26,645	6	36,900	6	47,403	6	57,907	6	68,411	6	78,915	6	89,419	6	99,919
1/4	5,942	1/4	16,445	1/4	26,855	1/4	37,118	1/4	47,622	1/4	58,126	1/4	68,630	1/4	79,134	1/4	89,637	1/4	100,138
1/2	6,160	1/2	16,664	1/2	27,066	1/2	37,337	1/2	47,841	1/2	58,345	1/2	68,849	1/2	79,352	1/2	89,856	1/2	100,356
3/4	6,379	3/4	16,883	3/4	27,276	3/4	37,556	3/4	48,060	3/4	58,564	3/4	69,068	3/4	79,571	3/4	90,075	3/4	100,575
7	6,598	7	17,101	7	27,486	7	37,775	7	48,279	7	58,783	7	69,286	7	79,790	7	90,294	7	100,794
1/4	6,817	1/4	17,320	1/4	27,697	1/4	37,994	1/4	48,498	1/4	59,001	1/4	69,505	1/4	80,009	1/4	90,513	1/4	101,013
1/2	7,036	1/2	17,539	1/2	27,907	1/2	38,213	1/2	48,716	1/2	59,220	1/2	69,724	1/2	80,228	1/2	90,732	1/2	101,231
3/4	7,254	3/4	17,758	3/4	28,118	3/4	38,431	3/4	48,935	3/4	59,439	3/4	69,943	3/4	80,447	3/4	90,950	3/4	101,450
8	7,473	8	17,977	8	28,328	8	38,650	8	49,154	8	59,658	8	70,162	8	80,665	8	91,169	8	101,669
1/4	7,692	1/4	18,195	1/4	28,538	1/4	38,869	1/4	49,373	1/4	59,877	1/4	70,380	1/4	80,884	1/4	91,388	1/4	101,887
1/2	7,911	1/2	18,414	1/2	28,749	1/2	39,088	1/2	49,592	1/2	60,096	1/2	70,599	1/2	81,103	1/2	91,607	1/2	102,106
3/4	8,130	3/4	18,633	3/4	28,959	3/4	39,307	3/4	49,811	3/4	60,314	3/4	70,818	3/4	81,322	3/4	91,826	3/4	102,325
9	8,349	9	18,852	9	29,169	9	39,526	9	50,029	9	60,533	9	71,037	9	81,541	9	92,045	9	102,544
1/4	8,567	1/4	19,071	1/4	29,380	1/4	39,744	1/4	50,248	1/4	60,752	1/4	71,256	1/4	81,760	1/4	92,263	1/4	102,762
1/2	8,786	1/2	19,290	1/2	29,590	1/2	39,963	1/2	50,467	1/2	60,971	1/2	71,475	1/2	81,978	1/2	92,482	1/2	102,981
3/4	9,005	3/4	19,508	3/4	29,801	3/4	40,182	3/4	50,686	3/4	61,190	3/4	71,693	3/4	82,197	3/4	92,701	3/4	103,200
10	9,224	10	19,727	10	30,011	10	40,401	10	50,905	10	61,409	10	71,912	10	82,416	10	92,920	10	103,418
1/4	9,443	1/4	19,946	1/4	30,221	1/4	40,620	1/4	51,124	1/4	61,627	1/4	72,131	1/4	82,635	1/4	93,138	1/4	103,637
1/2	9,662	1/2	20,165	1/2	30,432	1/2	40,839	1/2	51,342	1/2	61,846	1/2	72,350	1/2	82,854	1/2	93,357	1/2	103,856
3/4	9,880	3/4	20,384	3/4	30,642	3/4	41,057	3/4	51,561	3/4	62,065	3/4	72,569	3/4	83,073	3/4	93,576	3/4	104,075
11	10,099	11	20,603	11	30,852	11	41,276	11	51,780	11	62,284	11	72,788	11	83,291	11	93,795	11	104,293
1/4	10,318	1/4	20,821	1/4	31,063	1/4	41,495	1/4	51,999	1/4	62,503	1/4	73,006	1/4	83,510	1/4	94,013	1/4	104,512
1/2	10,537	1/2	21,040	1/2	31,273	1/2	41,714	1/2	52,218	1/2	62,721	1/2	73,225	1/2	83,729	1/2	94,232	1/2	104,731
3/4	10,756	3/4	21,259	3/4	31,484	3/4	41,933	3/4	52,437	3/4	62,940	3/4	73,444	3/4	83,948	3/4	94,451	3/4	104,950

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 14'-09" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1702"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	105,168	0	115,651	0	126,121	0		0		0		0		0		0		0	
1/4	105,387	1/4	115,869	1/4	126,339	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	105,606	1/2	116,088	1/2	126,557	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105,824	3/4	116,306	3/4	126,775	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	106,043	1	116,524	1	126,993	1		1		1		1		1		1		1	
1/4	106,262	1/4	116,742	1/4	127,211	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,481	1/2	116,960	1/2	127,430	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,699	3/4	117,178	3/4	127,648	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	106,918	2	117,396	2	127,866	2		2		2		2		2		2		2	
1/4	107,137	1/4	117,614	1/4	128,084	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,356	1/2	117,832	1/2	128,302	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,574	3/4	118,051	3/4	128,520	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	107,793	3	118,269	3	128,738	3		3		3		3		3		3		3	
1/4	108,012	1/4	118,487	1/4	128,956	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,230	1/2	118,705	1/2	129,174	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,449	3/4	118,923	3/4	129,386	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	108,668	4	119,141	4	129,597	4		4		4		4		4		4		4	
1/4	108,887	1/4	119,359	1/4	129,809	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,105	1/2	119,577	1/2	130,020	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,324	3/4	119,795	3/4	130,200	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	109,543	5	120,014	5	130,380	5		5		5		5		5		5		5	
1/4	109,762	1/4	120,232	1/4	130,560	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,980	1/2	120,450	1/2	130,740	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,198	3/4	120,668	3/4	130,884	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	110,416	6	120,886	6	131,027	6		6		6		6		6		6		6	
1/4	110,635	1/4	121,104	1/4	131,170	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,853	1/2	121,322	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,071	3/4	121,540	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	111,289	7	121,759	7		7		7		7		7		7		7		7	
1/4	111,507	1/4	121,977	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,725	1/2	122,195	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,943	3/4	122,413	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	112,161	8	122,631	8		8		8		8		8		8		8		8	
1/4	112,380	1/4	122,849	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,598	1/2	123,067	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,816	3/4	123,285	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	113,034	9	123,503	9		9		9		9		9		9		9		9	
1/4	113,252	1/4	123,722	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,470	1/2	123,940	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,688	3/4	124,158	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	113,906	10	124,376	10		10		10		10		10		10		10		10	
1/4	114,124	1/4	124,594	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,343	1/2	124,812	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,561	3/4	125,030	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	114,779	11	125,248	11		11		11		11		11		11		11		11	
1/4	114,997	1/4	125,467	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,215	1/2	125,685	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,433	3/4	125,903	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: 06/10/2019 JS
CALCULATED: 06/10/2019 CL
PRINTED: 06/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1702"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	15,584	0	34,250	0	52,897	0	71,555	0	90,221	0	108,888	0	127,555	0	146,220	0	164,886
1/4	88	1/4	15,973	1/4	34,639	1/4	53,286	1/4	71,943	1/4	90,610	1/4	109,277	1/4	127,943	1/4	146,609	1/4	165,275
1/2	136	1/2	16,362	1/2	35,028	1/2	53,674	1/2	72,332	1/2	90,999	1/2	109,666	1/2	128,332	1/2	146,998	1/2	165,663
3/4	185	3/4	16,751	3/4	35,417	3/4	54,062	3/4	72,721	3/4	91,388	3/4	110,055	3/4	128,721	3/4	147,387	3/4	166,052
1	234	1	17,140	1	35,806	1	54,450	1	73,110	1	91,777	1	110,443	1	129,110	1	147,776	1	166,441
1/4	380	1/4	17,529	1/4	36,195	1/4	54,838	1/4	73,499	1/4	92,166	1/4	110,832	1/4	129,499	1/4	148,165	1/4	166,829
1/2	525	1/2	17,917	1/2	36,584	1/2	55,226	1/2	73,888	1/2	92,555	1/2	111,221	1/2	129,888	1/2	148,554	1/2	167,218
3/4	671	3/4	18,306	3/4	36,973	3/4	55,614	3/4	74,277	3/4	92,943	3/4	111,610	3/4	130,277	3/4	148,942	3/4	167,607
2	817	2	18,695	2	37,361	2	56,002	2	74,666	2	93,332	2	111,999	2	130,666	2	149,331	2	167,996
1/4	1,060	1/4	19,084	1/4	37,750	1/4	56,391	1/4	75,055	1/4	93,721	1/4	112,388	1/4	131,054	1/4	149,720	1/4	168,384
1/2	1,303	1/2	19,473	1/2	38,139	1/2	56,779	1/2	75,443	1/2	94,110	1/2	112,777	1/2	131,443	1/2	150,109	1/2	168,773
3/4	1,546	3/4	19,862	3/4	38,528	3/4	57,168	3/4	75,832	3/4	94,499	3/4	113,166	3/4	131,832	3/4	150,498	3/4	169,162
3	1,789	3	20,251	3	38,917	3	57,556	3	76,221	3	94,888	3	113,555	3	132,221	3	150,887	3	169,550
1/4	2,129	1/4	20,640	1/4	39,306	1/4	57,945	1/4	76,610	1/4	95,277	1/4	113,943	1/4	132,610	1/4	151,276	1/4	169,939
1/2	2,470	1/2	21,028	1/2	39,695	1/2	58,333	1/2	76,999	1/2	95,666	1/2	114,332	1/2	132,999	1/2	151,664	1/2	170,328
3/4	2,810	3/4	21,417	3/4	40,084	3/4	58,722	3/4	77,388	3/4	96,055	3/4	114,721	3/4	133,388	3/4	152,053	3/4	170,716
4	3,150	4	21,806	4	40,472	4	59,110	4	77,777	4	96,443	4	115,110	4	133,776	4	152,442	4	171,105
1/4	3,537	1/4	22,195	1/4	40,861	1/4	59,499	1/4	78,166	1/4	96,832	1/4	115,499	1/4	134,165	1/4	152,831	1/4	171,494
1/2	3,924	1/2	22,584	1/2	41,250	1/2	59,888	1/2	78,555	1/2	97,221	1/2	115,888	1/2	134,554	1/2	153,220	1/2	171,882
3/4	4,311	3/4	22,973	3/4	41,639	3/4	60,277	3/4	78,943	3/4	97,610	3/4	116,277	3/4	134,943	3/4	153,609	3/4	172,271
5	4,698	5	23,362	5	42,028	5	60,666	5	79,332	5	97,999	5	116,666	5	135,332	5	153,998	5	172,660
1/4	5,086	1/4	23,751	1/4	42,417	1/4	61,055	1/4	79,721	1/4	98,388	1/4	117,055	1/4	135,721	1/4	154,387	1/4	173,048
1/2	5,475	1/2	24,139	1/2	42,806	1/2	61,443	1/2	80,110	1/2	98,777	1/2	117,443	1/2	136,110	1/2	154,775	1/2	173,437
3/4	5,863	3/4	24,528	3/4	43,195	3/4	61,832	3/4	80,499	3/4	99,166	3/4	117,832	3/4	136,499	3/4	155,164	3/4	173,826
6	6,251	6	24,917	6	43,583	6	62,221	6	80,888	6	99,555	6	118,221	6	136,887	6	155,553	6	174,215
1/4	6,640	1/4	25,306	1/4	43,972	1/4	62,610	1/4	81,277	1/4	99,943	1/4	118,610	1/4	137,276	1/4	155,942	1/4	174,603
1/2	7,029	1/2	25,695	1/2	44,360	1/2	62,999	1/2	81,666	1/2	100,332	1/2	118,999	1/2	137,665	1/2	156,331	1/2	174,992
3/4	7,418	3/4	26,084	3/4	44,748	3/4	63,388	3/4	82,055	3/4	100,721	3/4	119,388	3/4	138,054	3/4	156,720	3/4	175,381
7	7,807	7	26,473	7	45,136	7	63,777	7	82,443	7	101,110	7	119,777	7	138,443	7	157,109	7	175,769
1/4	8,195	1/4	26,862	1/4	45,524	1/4	64,166	1/4	82,832	1/4	101,499	1/4	120,166	1/4	138,832	1/4	157,498	1/4	176,158
1/2	8,584	1/2	27,251	1/2	45,912	1/2	64,555	1/2	83,221	1/2	101,888	1/2	120,555	1/2	139,221	1/2	157,886	1/2	176,547
3/4	8,973	3/4	27,639	3/4	46,300	3/4	64,943	3/4	83,610	3/4	102,277	3/4	120,943	3/4	139,610	3/4	158,275	3/4	176,935
8	9,362	8	28,028	8	46,688	8	65,332	8	83,999	8	102,666	8	121,332	8	139,998	8	158,664	8	177,324
1/4	9,751	1/4	28,417	1/4	47,076	1/4	65,721	1/4	84,388	1/4	103,055	1/4	121,721	1/4	140,387	1/4	159,053	1/4	177,713
1/2	10,140	1/2	28,806	1/2	47,464	1/2	66,110	1/2	84,777	1/2	103,443	1/2	122,110	1/2	140,776	1/2	159,442	1/2	178,101
3/4	10,529	3/4	29,195	3/4	47,852	3/4	66,499	3/4	85,166	3/4	103,832	3/4	122,499	3/4	141,165	3/4	159,831	3/4	178,490
9	10,918	9	29,584	9	48,240	9	66,888	9	85,555	9	104,221	9	122,888	9	141,554	9	160,220	9	178,879
1/4	11,306	1/4	29,973	1/4	48,629	1/4	67,277	1/4	85,943	1/4	104,610	1/4	123,277	1/4	141,943	1/4	160,608	1/4	179,267
1/2	11,695	1/2	30,362	1/2	49,017	1/2	67,666	1/2	86,332	1/2	104,999	1/2	123,666	1/2	142,332	1/2	160,997	1/2	179,656
3/4	12,084	3/4	30,750	3/4	49,405	3/4	68,055	3/4	86,721	3/4	105,388	3/4	124,055	3/4	142,720	3/4	161,386	3/4	180,045
10	12,473	10	31,139	10	49,793	10	68,443	10	87,110	10	105,777	10	124,443	10	143,109	10	161,775	10	180,434
1/4	12,862	1/4	31,528	1/4	50,181	1/4	68,832	1/4	87,499	1/4	106,166	1/4	124,832	1/4	143,498	1/4	162,164	1/4	180,822
1/2	13,251	1/2	31,917	1/2	50,569	1/2	69,221	1/2	87,888	1/2	106,555	1/2	125,221	1/2	143,887	1/2	162,553	1/2	181,211
3/4	13,640	3/4	32,306	3/4	50,957	3/4	69,610	3/4	88,277	3/4	106,943	3/4	125,610	3/4	144,276	3/4	162,942	3/4	181,600
11	14,029	11	32,695	11	51,345	11	69,999	11	88,666	11	107,332	11	125,999	11	144,665	11	163,331	11	181,988
1/4	14,417	1/4	33,084	1/4	51,733	1/4	70,388	1/4	89,055	1/4	107,721	1/4	126,388	1/4	145,054	1/4	163,719	1/4	182,377
1/2	14,806	1/2	33,473	1/2	52,121	1/2	70,777	1/2	89,443	1/2	108,110	1/2	126,777	1/2	145,443	1/2	164,108	1/2	182,766
3/4	15,195	3/4	33,861	3/4	52,509	3/4	71,166	3/4	89,832	3/4	108,499	3/4	127,166	3/4	145,831	3/4	164,497	3/4	183,154

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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 Pearland, Texas 77588
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BARGE "CBC 1702"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	183,543	0	202,192	0	220,823	0	235,531	0		0		0		0		0		0	
1/4	183,932	1/4	202,580	1/4	221,211	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	184,320	1/2	202,968	1/2	221,599	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	184,709	3/4	203,356	3/4	221,987	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	185,098	1	203,744	1	222,376	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	185,486	1/4	204,132	1/4	222,764	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	185,875	1/2	204,520	1/2	223,152	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	186,264	3/4	204,909	3/4	223,540	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	186,653	2	205,297	2	223,928	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	187,041	1/4	205,685	1/4	224,316	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	187,430	1/2	206,073	1/2	224,704	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	187,819	3/4	206,461	3/4	225,093	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	188,207	3	206,849	3	225,481	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	188,596	1/4	207,238	1/4	225,869	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	188,985	1/2	207,626	1/2	226,257	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	189,373	3/4	208,014	3/4	226,645	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	189,762	4	208,402	4	227,033	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	190,151	1/4	208,790	1/4	227,422	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	190,539	1/2	209,178	1/2	227,810	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	190,928	3/4	209,566	3/4	228,198	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	191,317	5	209,955	5	228,586	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	191,705	1/4	210,343	1/4	228,974	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	192,094	1/2	210,731	1/2	229,362	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	192,483	3/4	211,119	3/4	229,750	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	192,872	6	211,507	6	230,138	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	193,260	1/4	211,895	1/4	230,518	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	193,649	1/2	212,284	1/2	230,897	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	194,038	3/4	212,672	3/4	231,277	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	194,426	7	213,060	7	231,656	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	194,815	1/4	213,448	1/4	231,980	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	195,204	1/2	213,836	1/2	232,303	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	195,592	3/4	214,224	3/4	232,626	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	195,981	8	214,612	8	232,950	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	196,369	1/4	215,001	1/4	233,280	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	196,757	1/2	215,389	1/2	233,467	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	197,145	3/4	215,777	3/4	233,725	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	197,534	9	216,165	9	233,984	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	197,922	1/4	216,553	1/4	234,178	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	198,310	1/2	216,941	1/2	234,371	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	198,698	3/4	217,330	3/4	234,565	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	199,086	10	217,718	10	234,759	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	199,474	1/4	218,106	1/4	234,888	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	199,863	1/2	218,494	1/2	235,016	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	200,251	3/4	218,882	3/4	235,145	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	200,639	11	219,270	11	235,274	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	201,027	1/4	219,658	1/4	235,338	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	201,415	1/2	220,047	1/2	235,402	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	201,803	3/4	220,435	3/4	235,466	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/10/2019 JS
CALCULATED: 06/10/2019 CL
PRINTED: 06/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1702"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 162'-09"

June 10, 2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1702"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	217,819	0	201,381	0	184,940	0	167,318	0	148,532	0	129,746	0	110,986
1/4		1/4	1/4	1/4	1/4	1/4	217,476	1/4	201,039	1/4	184,597	1/4	166,927	1/4	148,141	1/4	129,354	1/4	110,595
1/2		1/2	1/2	1/2	1/2	1/2	217,134	1/2	200,696	1/2	184,253	1/2	166,535	1/2	147,749	1/2	128,963	1/2	110,204
3/4		3/4	3/4	3/4	3/4	3/4	216,791	3/4	200,354	3/4	183,910	3/4	166,144	3/4	147,358	3/4	128,571	3/4	109,813
1		1		1	229,848	1	216,449	1	200,011	1	183,567	1	165,753	1	146,966	1	128,180	1	109,423
1/4		1/4	1/4	1/4	229,785	1/4	216,106	1/4	199,669	1/4	183,223	1/4	165,361	1/4	146,575	1/4	127,789	1/4	109,031
1/2		1/2	1/2	1/2	229,723	1/2	215,764	1/2	199,326	1/2	182,880	1/2	164,970	1/2	146,184	1/2	127,397	1/2	108,640
3/4		3/4	3/4	3/4	229,661	3/4	215,422	3/4	198,984	3/4	182,536	3/4	164,579	3/4	145,792	3/4	127,006	3/4	108,249
2		2		2	229,599	2	215,079	2	198,642	2	182,193	2	164,187	2	145,401	2	126,614	2	107,858
1/4		1/4	1/4	1/4	229,471	1/4	214,737	1/4	198,299	1/4	181,850	1/4	163,796	1/4	145,009	1/4	126,223	1/4	107,466
1/2		1/2	1/2	1/2	229,343	1/2	214,394	1/2	197,957	1/2	181,506	1/2	163,404	1/2	144,618	1/2	125,832	1/2	107,075
3/4		3/4	3/4	3/4	229,216	3/4	214,052	3/4	197,614	3/4	181,163	3/4	163,013	3/4	144,227	3/4	125,440	3/4	106,684
3		3		3	229,088	3	213,709	3	197,272	3	180,820	3	162,622	3	143,835	3	125,049	3	106,292
1/4		1/4	1/4	1/4	228,895	1/4	213,367	1/4	196,929	1/4	180,476	1/4	162,230	1/4	143,444	1/4	124,658	1/4	105,901
1/2		1/2	1/2	1/2	228,703	1/2	213,024	1/2	196,587	1/2	180,133	1/2	161,839	1/2	143,053	1/2	124,268	1/2	105,510
3/4		3/4	3/4	3/4	228,510	3/4	212,682	3/4	196,244	3/4	179,790	3/4	161,448	3/4	142,661	3/4	123,877	3/4	105,119
4		4		4	228,317	4	212,339	4	195,902	4	179,446	4	161,056	4	142,270	4	123,486	4	104,727
1/4		1/4	1/4	1/4	228,059	1/4	211,997	1/4	195,560	1/4	179,103	1/4	160,665	1/4	141,878	1/4	123,096	1/4	104,336
1/2		1/2	1/2	1/2	227,800	1/2	211,655	1/2	195,217	1/2	178,760	1/2	160,273	1/2	141,487	1/2	122,705	1/2	103,945
3/4		3/4	3/4	3/4	227,542	3/4	211,312	3/4	194,875	3/4	178,416	3/4	159,882	3/4	141,096	3/4	122,314	3/4	103,554
5		5		5	227,284	5	210,970	5	194,532	5	178,073	5	159,491	5	140,704	5	121,924	5	103,162
1/4		1/4	1/4	1/4	226,960	1/4	210,627	1/4	194,190	1/4	177,729	1/4	159,099	1/4	140,313	1/4	121,533	1/4	102,771
1/2		1/2	1/2	1/2	226,637	1/2	210,285	1/2	193,847	1/2	177,386	1/2	158,708	1/2	139,922	1/2	121,142	1/2	102,380
3/4		3/4	3/4	3/4	226,313	3/4	209,942	3/4	193,505	3/4	177,043	3/4	158,317	3/4	139,530	3/4	120,752	3/4	101,989
6		6		6	225,990	6	209,600	6	193,162	6	176,699	6	157,925	6	139,139	6	120,361	6	101,597
1/4		1/4	1/4	1/4	225,659	1/4	209,257	1/4	192,820	1/4	176,308	1/4	157,534	1/4	138,747	1/4	119,970	1/4	101,206
1/2		1/2	1/2	1/2	225,328	1/2	208,915	1/2	192,478	1/2	175,918	1/2	157,142	1/2	138,356	1/2	119,580	1/2	100,815
3/4		3/4	3/4	3/4	224,998	3/4	208,573	3/4	192,135	3/4	175,527	3/4	156,751	3/4	137,965	3/4	119,189	3/4	100,424
7		7		7	224,667	7	208,230	7	191,793	7	175,136	7	156,360	7	137,573	7	118,798	7	100,032
1/4		1/4	1/4	1/4	224,325	1/4	207,888	1/4	191,450	1/4	174,745	1/4	155,968	1/4	137,182	1/4	118,408	1/4	99,641
1/2		1/2	1/2	1/2	223,982	1/2	207,545	1/2	191,108	1/2	174,354	1/2	155,577	1/2	136,790	1/2	118,017	1/2	99,250
3/4		3/4	3/4	3/4	223,640	3/4	207,203	3/4	190,765	3/4	173,963	3/4	155,185	3/4	136,399	3/4	117,627	3/4	98,858
8		8		8	223,298	8	206,860	8	190,423	8	173,572	8	154,794	8	136,008	8	117,236	8	98,467
1/4		1/4	1/4	1/4	222,955	1/4	206,518	1/4	190,080	1/4	173,181	1/4	154,403	1/4	135,616	1/4	116,845	1/4	98,076
1/2		1/2	1/2	1/2	222,613	1/2	206,175	1/2	189,738	1/2	172,790	1/2	154,011	1/2	135,225	1/2	116,455	1/2	97,685
3/4		3/4	3/4	3/4	222,270	3/4	205,833	3/4	189,395	3/4	172,400	3/4	153,620	3/4	134,834	3/4	116,064	3/4	97,293
9		9		9	221,928	9	205,491	9	189,053	9	172,009	9	153,229	9	134,442	9	115,673	9	96,902
1/4		1/4	1/4	1/4	221,586	1/4	205,148	1/4	188,711	1/4	171,618	1/4	152,837	1/4	134,051	1/4	115,283	1/4	96,511
1/2		1/2	1/2	1/2	221,243	1/2	204,806	1/2	188,368	1/2	171,227	1/2	152,446	1/2	133,659	1/2	114,892	1/2	96,120
3/4		3/4	3/4	3/4	220,901	3/4	204,463	3/4	188,026	3/4	170,836	3/4	152,054	3/4	133,268	3/4	114,501	3/4	95,728
10		10		10	220,558	10	204,121	10	187,683	10	170,445	10	151,663	10	132,877	10	114,111	10	95,337
1/4		1/4	1/4	1/4	220,216	1/4	203,778	1/4	187,341	1/4	170,054	1/4	151,272	1/4	132,485	1/4	113,720	1/4	94,946
1/2		1/2	1/2	1/2	219,873	1/2	203,436	1/2	186,998	1/2	169,663	1/2	150,880	1/2	132,094	1/2	113,329	1/2	94,555
3/4		3/4	3/4	3/4	219,531	3/4	203,093	3/4	186,656	3/4	169,273	3/4	150,489	3/4	131,702	3/4	112,939	3/4	94,163
11		11		11	219,188	11	202,751	11	186,313	11	168,882	11	150,097	11	131,311	11	112,548	11	93,772
1/4		1/4	1/4	1/4	218,846	1/4	202,408	1/4	185,970	1/4	168,491	1/4	149,706	1/4	130,920	1/4	112,157	1/4	93,381
1/2		1/2	1/2	1/2	218,504	1/2	202,066	1/2	185,627	1/2	168,100	1/2	149,315	1/2	130,528	1/2	111,767	1/2	92,990
3/4		3/4	3/4	3/4	218,161	3/4	201,724	3/4	185,283	3/4	167,709	3/4	148,923	3/4	130,137	3/4	111,376	3/4	92,598

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 1'-03" OFF CENTERLINE AND 22'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1702"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	92,207	0	73,426	0	54,710	0	36,082	0	17,274	0	235	0		0		0		0	
1/4	91,816	1/4	73,035	1/4	54,324	1/4	35,691	1/4	16,882	1/4	186	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,425	1/2	72,644	1/2	53,938	1/2	35,299	1/2	16,490	1/2	137	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,033	3/4	72,253	3/4	53,553	3/4	34,908	3/4	16,098	3/4	88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	90,642	1	71,861	1	53,167	1	34,516	1	15,706	1	39	1	1	1	1	1	1	1	1
1/4	90,251	1/4	71,470	1/4	52,781	1/4	34,125	1/4	15,314	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,859	1/2	71,079	1/2	52,396	1/2	33,734	1/2	14,922	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,468	3/4	70,688	3/4	52,010	3/4	33,342	3/4	14,530	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	89,077	2	70,296	2	51,624	2	32,951	2	14,138	2	2	2	2	2	2	2	2	2	2
1/4	88,686	1/4	69,905	1/4	51,239	1/4	32,559	1/4	13,746	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,294	1/2	69,514	1/2	50,853	1/2	32,167	1/2	13,354	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,903	3/4	69,123	3/4	50,467	3/4	31,775	3/4	12,962	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	87,512	3	68,731	3	50,082	3	31,383	3	12,570	3	3	3	3	3	3	3	3	3	3
1/4	87,121	1/4	68,340	1/4	49,696	1/4	30,991	1/4	12,179	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,729	1/2	67,949	1/2	49,310	1/2	30,599	1/2	11,787	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,338	3/4	67,557	3/4	48,925	3/4	30,207	3/4	11,395	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	85,947	4	67,166	4	48,539	4	29,815	4	11,003	4	4	4	4	4	4	4	4	4	4
1/4	85,556	1/4	66,775	1/4	48,153	1/4	29,423	1/4	10,611	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,164	1/2	66,384	1/2	47,768	1/2	29,031	1/2	10,219	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,773	3/4	65,992	3/4	47,382	3/4	28,639	3/4	9,827	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	84,382	5	65,601	5	46,996	5	28,248	5	9,435	5	5	5	5	5	5	5	5	5	5
1/4	83,991	1/4	65,210	1/4	46,611	1/4	27,856	1/4	9,043	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,599	1/2	64,819	1/2	46,225	1/2	27,464	1/2	8,651	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,208	3/4	64,427	3/4	45,839	3/4	27,072	3/4	8,259	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	82,817	6	64,036	6	45,454	6	26,680	6	7,867	6	6	6	6	6	6	6	6	6	6
1/4	82,425	1/4	63,645	1/4	45,068	1/4	26,288	1/4	7,475	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,034	1/2	63,254	1/2	44,682	1/2	25,896	1/2	7,084	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,643	3/4	62,862	3/4	44,297	3/4	25,504	3/4	6,692	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	81,252	7	62,471	7	43,911	7	25,112	7	6,300	7	7	7	7	7	7	7	7	7	7
1/4	80,860	1/4	62,080	1/4	43,519	1/4	24,720	1/4	5,909	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,469	1/2	61,689	1/2	43,128	1/2	24,328	1/2	5,517	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,078	3/4	61,297	3/4	42,737	3/4	23,936	3/4	5,126	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	79,687	8	60,906	8	42,345	8	23,544	8	4,734	8	8	8	8	8	8	8	8	8	8
1/4	79,295	1/4	60,515	1/4	41,954	1/4	23,152	1/4	4,344	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,904	1/2	60,123	1/2	41,562	1/2	22,761	1/2	3,954	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,513	3/4	59,732	3/4	41,171	3/4	22,369	3/4	3,564	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	78,122	9	59,341	9	40,779	9	21,977	9	3,174	9	9	9	9	9	9	9	9	9	9
1/4	77,730	1/4	58,955	1/4	40,388	1/4	21,585	1/4	2,831	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,339	1/2	58,569	1/2	39,997	1/2	21,193	1/2	2,489	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,948	3/4	58,183	3/4	39,605	3/4	20,801	3/4	2,146	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	76,557	10	57,797	10	39,214	10	20,409	10	1,803	10	10	10	10	10	10	10	10	10	10
1/4	76,165	1/4	57,410	1/4	38,822	1/4	20,017	1/4	1,558	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,774	1/2	57,024	1/2	38,431	1/2	19,625	1/2	1,313	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,383	3/4	56,638	3/4	38,039	3/4	19,233	3/4	1,068	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	74,991	11	56,252	11	37,648	11	18,841	11	823	11	11	11	11	11	11	11	11	11	11
1/4	74,600	1/4	55,867	1/4	37,256	1/4	18,449	1/4	676	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,209	1/2	55,481	1/2	36,865	1/2	18,057	1/2	529	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,818	3/4	55,095	3/4	36,474	3/4	17,666	3/4	382	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: 06/10/2019 JS
CALCULATED: 06/10/2019 CL
PRINTED: 06/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1702"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	122,395	0	111,916	0	101,411	0	90,901	0	80,386	0	69,872	0	59,358		
1/4		1/4		1/4	122,177	1/4	111,697	1/4	101,192	1/4	90,681	1/4	80,167	1/4	69,653	1/4	59,139		
1/2		1/2		1/2	121,959	1/2	111,479	1/2	100,973	1/2	90,462	1/2	79,948	1/2	69,434	1/2	58,920		
3/4		3/4		3/4	121,740	3/4	111,261	3/4	100,754	3/4	90,243	3/4	79,729	3/4	69,215	3/4	58,701		
1	1	1	1	131,598	1	121,522	1	111,042	1	100,535	1	90,024	1	79,510	1	68,996	1	58,482	
1/4		1/4		131,455	1/4	121,304	1/4	110,824	1/4	100,316	1/4	89,805	1/4	79,291	1/4	68,777	1/4	58,263	
1/2		1/2		131,311	1/2	121,085	1/2	110,606	1/2	100,097	1/2	89,586	1/2	79,072	1/2	68,558	1/2	58,044	
3/4		3/4		131,168	3/4	120,867	3/4	110,387	3/4	99,878	3/4	89,367	3/4	78,853	3/4	68,339	3/4	57,825	
2	2	2	2	130,987	2	120,649	2	110,168	2	99,659	2	89,148	2	78,634	2	68,120	2	57,606	
1/4		1/4		130,807	1/4	120,430	1/4	109,949	1/4	99,440	1/4	88,929	1/4	78,415	1/4	67,901	1/4	57,387	
1/2		1/2		130,627	1/2	120,212	1/2	109,730	1/2	99,221	1/2	88,710	1/2	78,196	1/2	67,682	1/2	57,168	
3/4		3/4		130,447	3/4	119,994	3/4	109,511	3/4	99,002	3/4	88,491	3/4	77,977	3/4	67,463	3/4	56,949	
3	3	3	3	130,235	3	119,775	3	109,292	3	98,783	3	88,272	3	77,758	3	67,244	3	56,730	
1/4		1/4		130,024	1/4	119,557	1/4	109,074	1/4	98,564	1/4	88,053	1/4	77,539	1/4	67,025	1/4	56,510	
1/2		1/2		129,812	1/2	119,339	1/2	108,855	1/2	98,345	1/2	87,834	1/2	77,320	1/2	66,806	1/2	56,291	
3/4		3/4		129,600	3/4	119,120	3/4	108,636	3/4	98,127	3/4	87,615	3/4	77,101	3/4	66,587	3/4	56,072	
4	4	4	4	129,382	4	118,902	4	108,417	4	97,908	4	87,396	4	76,882	4	66,368	4	55,853	
1/4		1/4		129,164	1/4	118,684	1/4	108,198	1/4	97,689	1/4	87,177	1/4	76,663	1/4	66,148	1/4	55,634	
1/2		1/2		128,945	1/2	118,465	1/2	107,979	1/2	97,470	1/2	86,958	1/2	76,444	1/2	65,929	1/2	55,415	
3/4		3/4		128,727	3/4	118,247	3/4	107,760	3/4	97,251	3/4	86,739	3/4	76,225	3/4	65,710	3/4	55,196	
5	5	5	5	128,509	5	118,029	5	107,541	5	97,032	5	86,520	5	76,005	5	65,491	5	54,977	
1/4		1/4		128,290	1/4	117,810	1/4	107,322	1/4	96,813	1/4	86,301	1/4	75,786	1/4	65,272	1/4	54,758	
1/2		1/2		128,072	1/2	117,592	1/2	107,103	1/2	96,594	1/2	86,082	1/2	75,567	1/2	65,053	1/2	54,539	
3/4		3/4		127,854	3/4	117,374	3/4	106,884	3/4	96,375	3/4	85,863	3/4	75,348	3/4	64,834	3/4	54,320	
6	6	6	6	127,635	6	117,155	6	106,665	6	96,156	6	85,643	6	75,129	6	64,615	6	54,101	
1/4		1/4		127,417	1/4	116,937	1/4	106,446	1/4	95,937	1/4	85,424	1/4	74,910	1/4	64,396	1/4	53,882	
1/2		1/2		127,199	1/2	116,719	1/2	106,227	1/2	95,718	1/2	85,205	1/2	74,691	1/2	64,177	1/2	53,663	
3/4		3/4		126,980	3/4	116,500	3/4	106,008	3/4	95,499	3/4	84,986	3/4	74,472	3/4	63,958	3/4	53,444	
7	7	7	7	126,762	7	116,282	7	105,789	7	95,280	7	84,767	7	74,253	7	63,739	7	53,225	
1/4		1/4		126,544	1/4	116,064	1/4	105,570	1/4	95,061	1/4	84,548	1/4	74,034	1/4	63,520	1/4	53,006	
1/2		1/2		126,325	1/2	115,845	1/2	105,352	1/2	94,842	1/2	84,329	1/2	73,815	1/2	63,301	1/2	52,787	
3/4		3/4		126,107	3/4	115,627	3/4	105,133	3/4	94,623	3/4	84,110	3/4	73,596	3/4	63,082	3/4	52,568	
8	8	8	8	125,889	8	115,409	8	104,914	8	94,405	8	83,891	8	73,377	8	62,863	8	52,349	
1/4		1/4		125,670	1/4	115,190	1/4	104,695	1/4	94,186	1/4	83,672	1/4	73,158	1/4	62,644	1/4	52,130	
1/2		1/2		125,452	1/2	114,972	1/2	104,476	1/2	93,967	1/2	83,453	1/2	72,939	1/2	62,425	1/2	51,911	
3/4		3/4		125,234	3/4	114,754	3/4	104,257	3/4	93,748	3/4	83,234	3/4	72,720	3/4	62,206	3/4	51,691	
9	9	9	9	125,015	9	114,535	9	104,038	9	93,529	9	83,015	9	72,501	9	61,987	9	51,472	
1/4		1/4		124,797	1/4	114,317	1/4	103,819	1/4	93,310	1/4	82,796	1/4	72,282	1/4	61,768	1/4	51,253	
1/2		1/2		124,579	1/2	114,099	1/2	103,600	1/2	93,091	1/2	82,577	1/2	72,063	1/2	61,549	1/2	51,034	
3/4		3/4		124,360	3/4	113,880	3/4	103,381	3/4	92,872	3/4	82,358	3/4	71,844	3/4	61,329	3/4	50,815	
10	10	10	10	124,142	10	113,662	10	103,162	10	92,653	10	82,139	10	71,625	10	61,110	10	50,596	
1/4		1/4		123,924	1/4	113,444	1/4	102,943	1/4	92,434	1/4	81,920	1/4	71,406	1/4	60,891	1/4	50,377	
1/2		1/2		123,705	1/2	113,226	1/2	102,724	1/2	92,215	1/2	81,701	1/2	71,186	1/2	60,672	1/2	50,158	
3/4		3/4		123,487	3/4	113,007	3/4	102,505	3/4	91,996	3/4	81,482	3/4	70,967	3/4	60,453	3/4	49,939	
11	11	11	11	123,269	11	112,789	11	102,286	11	91,777	11	81,263	11	70,748	11	60,234	11	49,720	
1/4		1/4		123,050	1/4	112,571	1/4	102,067	1/4	91,558	1/4	81,044	1/4	70,529	1/4	60,015	1/4	49,501	
1/2		1/2		122,832	1/2	112,352	1/2	101,849	1/2	91,339	1/2	80,824	1/2	70,310	1/2	59,796	1/2	49,282	
3/4		3/4		122,614	3/4	112,134	3/4	101,630	3/4	91,120	3/4	80,605	3/4	70,091	3/4	59,577	3/4	49,063	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 14'-09" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1702"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-07 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	48,844	0	38,330	0	27,836	0	17,337	0	6,824	0		0		0		0		0	
1/4	48,625	1/4	38,111	1/4	27,618	1/4	17,118	1/4	6,605	1/4		1/4		1/4		1/4		1/4	
1/2	48,406	1/2	37,892	1/2	27,400	1/2	16,899	1/2	6,385	1/2		1/2		1/2		1/2		1/2	
3/4	48,187	3/4	37,673	3/4	27,182	3/4	16,680	3/4	6,166	3/4		3/4		3/4		3/4		3/4	
1	47,968	1	37,454	1	26,964	1	16,461	1	5,947	1		1		1		1		1	
1/4	47,749	1/4	37,235	1/4	26,746	1/4	16,242	1/4	5,728	1/4		1/4		1/4		1/4		1/4	
1/2	47,530	1/2	37,015	1/2	26,528	1/2	16,023	1/2	5,509	1/2		1/2		1/2		1/2		1/2	
3/4	47,311	3/4	36,796	3/4	26,310	3/4	15,804	3/4	5,290	3/4		3/4		3/4		3/4		3/4	
2	47,092	2	36,577	2	26,092	2	15,585	2	5,071	2		2		2		2		2	
1/4	46,873	1/4	36,358	1/4	25,874	1/4	15,366	1/4	4,852	1/4		1/4		1/4		1/4		1/4	
1/2	46,653	1/2	36,139	1/2	25,656	1/2	15,147	1/2	4,633	1/2		1/2		1/2		1/2		1/2	
3/4	46,434	3/4	35,920	3/4	25,438	3/4	14,928	3/4	4,414	3/4		3/4		3/4		3/4		3/4	
3	46,215	3	35,701	3	25,220	3	14,709	3	4,195	3		3		3		3		3	
1/4	45,996	1/4	35,482	1/4	25,002	1/4	14,490	1/4	3,976	1/4		1/4		1/4		1/4		1/4	
1/2	45,777	1/2	35,263	1/2	24,783	1/2	14,271	1/2	3,757	1/2		1/2		1/2		1/2		1/2	
3/4	45,558	3/4	35,044	3/4	24,565	3/4	14,052	3/4	3,538	3/4		3/4		3/4		3/4		3/4	
4	45,339	4	34,825	4	24,346	4	13,833	4	3,319	4		4		4		4		4	
1/4	45,120	1/4	34,606	1/4	24,127	1/4	13,614	1/4	3,101	1/4		1/4		1/4		1/4		1/4	
1/2	44,901	1/2	34,387	1/2	23,908	1/2	13,395	1/2	2,882	1/2		1/2		1/2		1/2		1/2	
3/4	44,682	3/4	34,168	3/4	23,689	3/4	13,176	3/4	2,663	3/4		3/4		3/4		3/4		3/4	
5	44,463	5	33,949	5	23,470	5	12,957	5	2,445	5		5		5		5		5	
1/4	44,244	1/4	33,730	1/4	23,251	1/4	12,738	1/4	2,227	1/4		1/4		1/4		1/4		1/4	
1/2	44,025	1/2	33,511	1/2	23,032	1/2	12,518	1/2	2,009	1/2		1/2		1/2		1/2		1/2	
3/4	43,806	3/4	33,292	3/4	22,813	3/4	12,299	3/4	1,791	3/4		3/4		3/4		3/4		3/4	
6	43,587	6	33,073	6	22,594	6	12,080	6	1,600	6		6		6		6		6	
1/4	43,368	1/4	32,854	1/4	22,375	1/4	11,861	1/4	1,408	1/4		1/4		1/4		1/4		1/4	
1/2	43,149	1/2	32,636	1/2	22,156	1/2	11,642	1/2	1,217	1/2		1/2		1/2		1/2		1/2	
3/4	42,930	3/4	32,417	3/4	21,937	3/4	11,423	3/4	1,025	3/4		3/4		3/4		3/4		3/4	
7	42,711	7	32,199	7	21,718	7	11,204	7	888	7		7		7		7		7	
1/4	42,492	1/4	31,980	1/4	21,499	1/4	10,985	1/4	751	1/4		1/4		1/4		1/4		1/4	
1/2	42,273	1/2	31,761	1/2	21,280	1/2	10,766	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	42,054	3/4	31,543	3/4	21,061	3/4	10,547	3/4		3/4		3/4		3/4		3/4		3/4	
8	41,834	8	31,325	8	20,842	8	10,328	8		8		8		8		8		8	
1/4	41,615	1/4	31,107	1/4	20,623	1/4	10,109	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41,396	1/2	30,889	1/2	20,404	1/2	9,890	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41,177	3/4	30,671	3/4	20,185	3/4	9,671	3/4		3/4		3/4		3/4		3/4		3/4	
9	40,958	9	30,453	9	19,966	9	9,452	9		9		9		9		9		9	
1/4	40,739	1/4	30,235	1/4	19,747	1/4	9,233	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,520	1/2	30,016	1/2	19,528	1/2	9,014	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40,301	3/4	29,798	3/4	19,309	3/4	8,795	3/4		3/4		3/4		3/4		3/4		3/4	
10	40,082	10	29,580	10	19,090	10	8,576	10		10		10		10		10		10	
1/4	39,863	1/4	29,362	1/4	18,871	1/4	8,357	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,644	1/2	29,144	1/2	18,651	1/2	8,138	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,425	3/4	28,926	3/4	18,432	3/4	7,919	3/4		3/4		3/4		3/4		3/4		3/4	
11	39,206	11	28,708	11	18,213	11	7,700	11		11		11		11		11		11	
1/4	38,987	1/4	28,490	1/4	17,994	1/4	7,481	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,768	1/2	28,272	1/2	17,775	1/2	7,262	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,549	3/4	28,054	3/4	17,556	3/4	7,043	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/10/2019 JS
CALCULATED: 06/10/2019 CL
PRINTED: 06/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1702"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	121,540	0	111,071	0	100,575	0	90,075	0	79,571	0	69,068	0	58,564	0	58,564
1/4	1/4	1/4	1/4	1/4	121,322	1/4	110,853	1/4	100,356	1/4	89,856	1/4	79,352	1/4	68,849	1/4	58,345	1/4	58,345
1/2	1/2	1/2	1/2	131,170	121,104	1/2	110,635	1/2	100,138	1/2	89,637	1/2	79,134	1/2	68,630	1/2	58,126	1/2	58,126
3/4	3/4	3/4	3/4	131,027	120,886	3/4	110,416	3/4	99,919	3/4	89,419	3/4	78,915	3/4	68,411	3/4	57,907	3/4	57,907
1	1	1	1	130,884	120,668	1	110,198	1	99,700	1	89,200	1	78,696	1	68,192	1	57,688	1	57,688
1/4	1/4	1/4	1/4	130,740	120,450	1/4	109,980	1/4	99,481	1/4	88,981	1/4	78,477	1/4	67,973	1/4	57,470	1/4	57,470
1/2	1/2	1/2	1/2	130,560	120,232	1/2	109,762	1/2	99,263	1/2	88,762	1/2	78,258	1/2	67,755	1/2	57,251	1/2	57,251
3/4	3/4	3/4	3/4	130,380	120,014	3/4	109,543	3/4	99,044	3/4	88,543	3/4	78,040	3/4	67,536	3/4	57,032	3/4	57,032
2	2	2	2	130,200	119,795	2	109,324	2	98,825	2	88,324	2	77,821	2	67,317	2	56,813	2	56,813
1/4	1/4	1/4	1/4	130,020	119,577	1/4	109,105	1/4	98,607	1/4	88,106	1/4	77,602	1/4	67,098	1/4	56,594	1/4	56,594
1/2	1/2	1/2	1/2	129,809	119,359	1/2	108,887	1/2	98,388	1/2	87,887	1/2	77,383	1/2	66,879	1/2	56,375	1/2	56,375
3/4	3/4	3/4	3/4	129,597	119,141	3/4	108,668	3/4	98,169	3/4	87,668	3/4	77,164	3/4	66,660	3/4	56,157	3/4	56,157
3	3	3	3	129,386	118,923	3	108,449	3	97,950	3	87,449	3	76,945	3	66,442	3	55,938	3	55,938
1/4	1/4	1/4	1/4	129,174	118,705	1/4	108,230	1/4	97,732	1/4	87,230	1/4	76,727	1/4	66,223	1/4	55,719	1/4	55,719
1/2	1/2	1/2	1/2	128,956	118,487	1/2	108,012	1/2	97,513	1/2	87,012	1/2	76,508	1/2	66,004	1/2	55,500	1/2	55,500
3/4	3/4	3/4	3/4	128,738	118,269	3/4	107,793	3/4	97,294	3/4	86,793	3/4	76,289	3/4	65,785	3/4	55,281	3/4	55,281
4	4	4	4	128,520	118,051	4	107,574	4	97,075	4	86,574	4	76,070	4	65,566	4	55,062	4	55,062
1/4	1/4	1/4	1/4	128,302	117,832	1/4	107,356	1/4	96,857	1/4	86,355	1/4	75,851	1/4	65,347	1/4	54,844	1/4	54,844
1/2	1/2	1/2	1/2	128,084	117,614	1/2	107,137	1/2	96,638	1/2	86,136	1/2	75,632	1/2	65,129	1/2	54,625	1/2	54,625
3/4	3/4	3/4	3/4	127,866	117,396	3/4	106,918	3/4	96,419	3/4	85,917	3/4	75,414	3/4	64,910	3/4	54,406	3/4	54,406
5	5	5	5	127,648	117,178	5	106,699	5	96,201	5	85,699	5	75,195	5	64,691	5	54,187	5	54,187
1/4	1/4	1/4	1/4	127,430	116,960	1/4	106,481	1/4	95,982	1/4	85,480	1/4	74,976	1/4	64,472	1/4	53,968	1/4	53,968
1/2	1/2	1/2	1/2	127,211	116,742	1/2	106,262	1/2	95,763	1/2	85,261	1/2	74,757	1/2	64,253	1/2	53,749	1/2	53,749
3/4	3/4	3/4	3/4	126,993	116,524	3/4	106,043	3/4	95,544	3/4	85,042	3/4	74,538	3/4	64,034	3/4	53,531	3/4	53,531
6	6	6	6	126,775	116,306	6	105,824	6	95,326	6	84,823	6	74,319	6	63,816	6	53,312	6	53,312
1/4	1/4	1/4	1/4	126,557	116,088	1/4	105,606	1/4	95,107	1/4	84,604	1/4	74,101	1/4	63,597	1/4	53,093	1/4	53,093
1/2	1/2	1/2	1/2	126,339	115,869	1/2	105,387	1/2	94,888	1/2	84,386	1/2	73,882	1/2	63,378	1/2	52,874	1/2	52,874
3/4	3/4	3/4	3/4	126,121	115,651	3/4	105,168	3/4	94,669	3/4	84,167	3/4	73,663	3/4	63,159	3/4	52,655	3/4	52,655
7	7	7	7	125,903	115,433	7	104,950	7	94,451	7	83,948	7	73,444	7	62,940	7	52,437	7	52,437
1/4	1/4	1/4	1/4	125,685	115,215	1/4	104,731	1/4	94,232	1/4	83,729	1/4	73,225	1/4	62,721	1/4	52,218	1/4	52,218
1/2	1/2	1/2	1/2	125,467	114,997	1/2	104,512	1/2	94,013	1/2	83,510	1/2	73,006	1/2	62,503	1/2	51,999	1/2	51,999
3/4	3/4	3/4	3/4	125,248	114,779	3/4	104,293	3/4	93,795	3/4	83,291	3/4	72,788	3/4	62,284	3/4	51,780	3/4	51,780
8	8	8	8	125,030	114,561	8	104,075	8	93,576	8	83,073	8	72,569	8	62,065	8	51,561	8	51,561
1/4	1/4	1/4	1/4	124,812	114,343	1/4	103,856	1/4	93,357	1/4	82,854	1/4	72,350	1/4	61,846	1/4	51,342	1/4	51,342
1/2	1/2	1/2	1/2	124,594	114,124	1/2	103,637	1/2	93,138	1/2	82,635	1/2	72,131	1/2	61,627	1/2	51,124	1/2	51,124
3/4	3/4	3/4	3/4	124,376	113,906	3/4	103,418	3/4	92,920	3/4	82,416	3/4	71,912	3/4	61,409	3/4	50,905	3/4	50,905
9	9	9	9	124,158	113,688	9	103,200	9	92,701	9	82,197	9	71,693	9	61,190	9	50,686	9	50,686
1/4	1/4	1/4	1/4	123,940	113,470	1/4	102,981	1/4	92,482	1/4	81,978	1/4	71,475	1/4	60,971	1/4	50,467	1/4	50,467
1/2	1/2	1/2	1/2	123,722	113,252	1/2	102,762	1/2	92,263	1/2	81,760	1/2	71,256	1/2	60,752	1/2	50,248	1/2	50,248
3/4	3/4	3/4	3/4	123,503	113,034	3/4	102,544	3/4	92,045	3/4	81,541	3/4	71,037	3/4	60,533	3/4	50,029	3/4	50,029
10	10	10	10	123,285	112,816	10	102,325	10	91,826	10	81,322	10	70,818	10	60,314	10	49,811	10	49,811
1/4	1/4	1/4	1/4	123,067	112,598	1/4	102,106	1/4	91,607	1/4	81,103	1/4	70,599	1/4	60,096	1/4	49,592	1/4	49,592
1/2	1/2	1/2	1/2	122,849	112,380	1/2	101,887	1/2	91,388	1/2	80,884	1/2	70,380	1/2	59,877	1/2	49,373	1/2	49,373
3/4	3/4	3/4	3/4	122,631	112,161	3/4	101,669	3/4	91,169	3/4	80,665	3/4	70,162	3/4	59,658	3/4	49,154	3/4	49,154
11	11	11	11	122,413	111,943	11	101,450	11	90,950	11	80,447	11	69,943	11	59,439	11	48,935	11	48,935
1/4	1/4	1/4	1/4	122,195	111,725	1/4	101,231	1/4	90,732	1/4	80,228	1/4	69,724	1/4	59,220	1/4	48,716	1/4	48,716
1/2	1/2	1/2	1/2	121,977	111,507	1/2	101,013	1/2	90,513	1/2	80,009	1/2	69,505	1/2	59,001	1/2	48,498	1/2	48,498
3/4	3/4	3/4	3/4	121,759	111,289	3/4	100,794	3/4	90,294	3/4	79,790	3/4	69,286	3/4	58,783	3/4	48,279	3/4	48,279

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 14'-09" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1702"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	48,060	0	37,556	0	27,276	0	16,883	0	6,379	0		0		0		0		0	
1/4	47,841	1/4	37,337	1/4	27,066	1/4	16,664	1/4	6,160	1/4		1/4		1/4		1/4		1/4	
1/2	47,622	1/2	37,118	1/2	26,855	1/2	16,445	1/2	5,942	1/2		1/2		1/2		1/2		1/2	
3/4	47,403	3/4	36,900	3/4	26,645	3/4	16,226	3/4	5,723	3/4		3/4		3/4		3/4		3/4	
1	47,185	1	36,681	1	26,435	1	16,007	1	5,504	1	1	1	1	1	1	1	1	1	1
1/4	46,966	1/4	36,462	1/4	26,224	1/4	15,788	1/4	5,285	1/4		1/4		1/4		1/4		1/4	
1/2	46,747	1/2	36,243	1/2	26,014	1/2	15,570	1/2	5,066	1/2		1/2		1/2		1/2		1/2	
3/4	46,528	3/4	36,024	3/4	25,803	3/4	15,351	3/4	4,847	3/4		3/4		3/4		3/4		3/4	
2	46,309	2	35,806	2	25,593	2	15,132	2	4,629	2	2	2	2	2	2	2	2	2	2
1/4	46,090	1/4	35,587	1/4	25,383	1/4	14,913	1/4	4,410	1/4		1/4		1/4		1/4		1/4	
1/2	45,872	1/2	35,368	1/2	25,172	1/2	14,694	1/2	4,191	1/2		1/2		1/2		1/2		1/2	
3/4	45,653	3/4	35,149	3/4	24,962	3/4	14,476	3/4	3,972	3/4		3/4		3/4		3/4		3/4	
3	45,434	3	34,930	3	24,752	3	14,257	3	3,753	3	3	3	3	3	3	3	3	3	3
1/4	45,215	1/4	34,711	1/4	24,541	1/4	14,038	1/4	3,535	1/4		1/4		1/4		1/4		1/4	
1/2	44,996	1/2	34,493	1/2	24,322	1/2	13,819	1/2	3,316	1/2		1/2		1/2		1/2		1/2	
3/4	44,777	3/4	34,274	3/4	24,104	3/4	13,600	3/4	3,098	3/4		3/4		3/4		3/4		3/4	
4	44,559	4	34,055	4	23,885	4	13,381	4	2,879	4	4	4	4	4	4	4	4	4	4
1/4	44,340	1/4	33,836	1/4	23,666	1/4	13,163	1/4	2,661	1/4		1/4		1/4		1/4		1/4	
1/2	44,121	1/2	33,617	1/2	23,447	1/2	12,944	1/2	2,443	1/2		1/2		1/2		1/2		1/2	
3/4	43,902	3/4	33,398	3/4	23,228	3/4	12,725	3/4	2,225	3/4		3/4		3/4		3/4		3/4	
5	43,683	5	33,180	5	23,010	5	12,506	5	2,007	5	5	5	5	5	5	5	5	5	5
1/4	43,465	1/4	32,961	1/4	22,791	1/4	12,287	1/4	1,790	1/4		1/4		1/4		1/4		1/4	
1/2	43,246	1/2	32,750	1/2	22,572	1/2	12,069	1/2	1,598	1/2		1/2		1/2		1/2		1/2	
3/4	43,027	3/4	32,539	3/4	22,353	3/4	11,850	3/4	1,407	3/4		3/4		3/4		3/4		3/4	
6	42,808	6	32,328	6	22,134	6	11,631	6	1,215	6	6	6	6	6	6	6	6	6	6
1/4	42,589	1/4	32,117	1/4	21,915	1/4	11,412	1/4	1,024	1/4		1/4		1/4		1/4		1/4	
1/2	42,370	1/2	31,906	1/2	21,697	1/2	11,193	1/2	887	1/2		1/2		1/2		1/2		1/2	
3/4	42,152	3/4	31,695	3/4	21,478	3/4	10,974	3/4	750	3/4		3/4		3/4		3/4		3/4	
7	41,933	7	31,484	7	21,259	7	10,756	7		7	7	7	7	7	7	7	7	7	7
1/4	41,714	1/4	31,273	1/4	21,040	1/4	10,537	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41,495	1/2	31,063	1/2	20,821	1/2	10,318	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41,276	3/4	30,852	3/4	20,603	3/4	10,099	3/4		3/4		3/4		3/4		3/4		3/4	
8	41,057	8	30,642	8	20,384	8	9,880	8		8	8	8	8	8	8	8	8	8	8
1/4	40,839	1/4	30,432	1/4	20,165	1/4	9,662	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,620	1/2	30,221	1/2	19,946	1/2	9,443	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40,401	3/4	30,011	3/4	19,727	3/4	9,224	3/4		3/4		3/4		3/4		3/4		3/4	
9	40,182	9	29,801	9	19,508	9	9,005	9		9	9	9	9	9	9	9	9	9	9
1/4	39,963	1/4	29,590	1/4	19,290	1/4	8,786	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,744	1/2	29,380	1/2	19,071	1/2	8,567	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,526	3/4	29,169	3/4	18,852	3/4	8,349	3/4		3/4		3/4		3/4		3/4		3/4	
10	39,307	10	28,959	10	18,633	10	8,130	10		10	10	10	10	10	10	10	10	10	10
1/4	39,088	1/4	28,749	1/4	18,414	1/4	7,911	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,869	1/2	28,538	1/2	18,195	1/2	7,692	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,650	3/4	28,328	3/4	17,977	3/4	7,473	3/4		3/4		3/4		3/4		3/4		3/4	
11	38,431	11	28,118	11	17,758	11	7,254	11		11	11	11	11	11	11	11	11	11	11
1/4	38,213	1/4	27,907	1/4	17,539	1/4	7,036	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	37,994	1/2	27,697	1/2	17,320	1/2	6,817	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37,775	3/4	27,486	3/4	17,101	3/4	6,598	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/10/2019 JS
CALCULATED: 06/10/2019 CL
PRINTED: 06/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "CBC 1702"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	235,531	0	220,823	0	202,192	0	183,543	0	164,886	0	146,220	0	127,555	0	108,888		
1/4	1/4	1/4	235,466	1/4	220,435	1/4	201,803	1/4	183,154	1/4	164,497	1/4	145,831	1/4	127,166	1/4	108,499		
1/2	1/2	1/2	235,402	1/2	220,047	1/2	201,415	1/2	182,766	1/2	164,108	1/2	145,443	1/2	126,777	1/2	108,110		
3/4	3/4	3/4	235,338	3/4	219,658	3/4	201,027	3/4	182,377	3/4	163,719	3/4	145,054	3/4	126,388	3/4	107,721		
1	1	1	235,274	1	219,270	1	200,639	1	181,988	1	163,331	1	144,665	1	125,999	1	107,332		
1/4	1/4	1/4	235,145	1/4	218,882	1/4	200,251	1/4	181,600	1/4	162,942	1/4	144,276	1/4	125,610	1/4	106,943		
1/2	1/2	1/2	235,016	1/2	218,494	1/2	199,863	1/2	181,211	1/2	162,553	1/2	143,887	1/2	125,221	1/2	106,555		
3/4	3/4	3/4	234,888	3/4	218,106	3/4	199,474	3/4	180,822	3/4	162,164	3/4	143,498	3/4	124,832	3/4	106,166		
2	2	2	234,759	2	217,718	2	199,086	2	180,434	2	161,775	2	143,109	2	124,443	2	105,777		
1/4	1/4	1/4	234,565	1/4	217,330	1/4	198,698	1/4	180,045	1/4	161,386	1/4	142,720	1/4	124,055	1/4	105,388		
1/2	1/2	1/2	234,371	1/2	216,941	1/2	198,310	1/2	179,656	1/2	160,997	1/2	142,332	1/2	123,666	1/2	104,999		
3/4	3/4	3/4	234,178	3/4	216,553	3/4	197,922	3/4	179,267	3/4	160,608	3/4	141,943	3/4	123,277	3/4	104,610		
3	3	3	233,984	3	216,165	3	197,534	3	178,879	3	160,220	3	141,554	3	122,888	3	104,221		
1/4	1/4	1/4	233,725	1/4	215,777	1/4	197,145	1/4	178,490	1/4	159,831	1/4	141,165	1/4	122,499	1/4	103,832		
1/2	1/2	1/2	233,467	1/2	215,389	1/2	196,757	1/2	178,101	1/2	159,442	1/2	140,776	1/2	122,110	1/2	103,443		
3/4	3/4	3/4	233,208	3/4	215,001	3/4	196,369	3/4	177,713	3/4	159,053	3/4	140,387	3/4	121,721	3/4	103,055		
4	4	4	232,950	4	214,612	4	195,981	4	177,324	4	158,664	4	139,998	4	121,332	4	102,666		
1/4	1/4	1/4	232,626	1/4	214,224	1/4	195,592	1/4	176,935	1/4	158,275	1/4	139,610	1/4	120,943	1/4	102,277		
1/2	1/2	1/2	232,303	1/2	213,836	1/2	195,204	1/2	176,547	1/2	157,886	1/2	139,221	1/2	120,555	1/2	101,888		
3/4	3/4	3/4	231,980	3/4	213,448	3/4	194,815	3/4	176,158	3/4	157,498	3/4	138,832	3/4	120,166	3/4	101,499		
5	5	5	231,656	5	213,060	5	194,426	5	175,769	5	157,109	5	138,443	5	119,777	5	101,110		
1/4	1/4	1/4	231,277	1/4	212,672	1/4	194,038	1/4	175,381	1/4	156,720	1/4	138,054	1/4	119,388	1/4	100,721		
1/2	1/2	1/2	230,897	1/2	212,284	1/2	193,649	1/2	174,992	1/2	156,331	1/2	137,665	1/2	118,999	1/2	100,332		
3/4	3/4	3/4	230,518	3/4	211,895	3/4	193,260	3/4	174,603	3/4	155,942	3/4	137,276	3/4	118,610	3/4	99,943		
6	6	6	230,138	6	211,507	6	192,872	6	174,215	6	155,553	6	136,887	6	118,221	6	99,555		
1/4	1/4	1/4	229,750	1/4	211,119	1/4	192,483	1/4	173,826	1/4	155,164	1/4	136,499	1/4	117,832	1/4	99,166		
1/2	1/2	1/2	229,362	1/2	210,731	1/2	192,094	1/2	173,437	1/2	154,775	1/2	136,110	1/2	117,443	1/2	98,777		
3/4	3/4	3/4	228,974	3/4	210,343	3/4	191,705	3/4	173,048	3/4	154,387	3/4	135,721	3/4	117,055	3/4	98,388		
7	7	7	228,586	7	209,955	7	191,317	7	172,660	7	153,998	7	135,332	7	116,666	7	97,999		
1/4	1/4	1/4	228,198	1/4	209,566	1/4	190,928	1/4	172,271	1/4	153,609	1/4	134,943	1/4	116,277	1/4	97,610		
1/2	1/2	1/2	227,810	1/2	209,178	1/2	190,539	1/2	171,882	1/2	153,220	1/2	134,554	1/2	115,888	1/2	97,221		
3/4	3/4	3/4	227,422	3/4	208,790	3/4	190,151	3/4	171,494	3/4	152,831	3/4	134,165	3/4	115,499	3/4	96,832		
8	8	8	227,033	8	208,402	8	189,762	8	171,105	8	152,442	8	133,776	8	115,110	8	96,443		
1/4	1/4	1/4	226,645	1/4	208,014	1/4	189,373	1/4	170,716	1/4	152,053	1/4	133,388	1/4	114,721	1/4	96,055		
1/2	1/2	1/2	226,257	1/2	207,626	1/2	188,985	1/2	170,328	1/2	151,664	1/2	132,999	1/2	114,332	1/2	95,666		
3/4	3/4	3/4	225,869	3/4	207,238	3/4	188,596	3/4	169,939	3/4	151,276	3/4	132,610	3/4	113,943	3/4	95,277		
9	9	9	225,481	9	206,849	9	188,207	9	169,550	9	150,887	9	132,221	9	113,555	9	94,888		
1/4	1/4	1/4	225,093	1/4	206,461	1/4	187,819	1/4	169,162	1/4	150,498	1/4	131,832	1/4	113,166	1/4	94,499		
1/2	1/2	1/2	224,704	1/2	206,073	1/2	187,430	1/2	168,773	1/2	150,109	1/2	131,443	1/2	112,777	1/2	94,110		
3/4	3/4	3/4	224,316	3/4	205,685	3/4	187,041	3/4	168,384	3/4	149,720	3/4	131,054	3/4	112,388	3/4	93,721		
10	10	10	223,928	10	205,297	10	186,653	10	167,996	10	149,331	10	130,666	10	111,999	10	93,332		
1/4	1/4	1/4	223,540	1/4	204,909	1/4	186,264	1/4	167,607	1/4	148,942	1/4	130,277	1/4	111,610	1/4	92,943		
1/2	1/2	1/2	223,152	1/2	204,520	1/2	185,875	1/2	167,218	1/2	148,554	1/2	129,888	1/2	111,221	1/2	92,555		
3/4	3/4	3/4	222,764	3/4	204,132	3/4	185,486	3/4	166,829	3/4	148,165	3/4	129,499	3/4	110,832	3/4	92,166		
11	11	11	222,376	11	203,744	11	185,098	11	166,441	11	147,776	11	129,110	11	110,443	11	91,777		
1/4	1/4	1/4	221,987	1/4	203,356	1/4	184,709	1/4	166,052	1/4	147,387	1/4	128,721	1/4	110,055	1/4	91,388		
1/2	1/2	1/2	221,599	1/2	202,968	1/2	184,320	1/2	165,663	1/2	146,998	1/2	128,332	1/2	109,666	1/2	90,999		
3/4	3/4	3/4	221,211	3/4	202,580	3/4	183,932	3/4	165,275	3/4	146,609	3/4	127,943	3/4	109,277	3/4	90,610		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 1702"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	90,221	0	71,555	0	52,897	0	34,250	0	15,584	0	39	0	0	0	0	0	0	0	0
1/4	89,832	1/4	71,166	1/4	52,509	1/4	33,861	1/4	15,195	1/4	≡	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,443	1/2	70,777	1/2	52,121	1/2	33,473	1/2	14,806	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,055	3/4	70,388	3/4	51,733	3/4	33,084	3/4	14,417	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	88,666	1	69,999	1	51,345	1	32,695	1	14,029	1	1	1	1	1	1	1	1	1	1
1/4	88,277	1/4	69,610	1/4	50,957	1/4	32,306	1/4	13,640	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,888	1/2	69,221	1/2	50,569	1/2	31,917	1/2	13,251	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,499	3/4	68,832	3/4	50,181	3/4	31,528	3/4	12,862	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	87,110	2	68,443	2	49,793	2	31,139	2	12,473	2	2	2	2	2	2	2	2	2	2
1/4	86,721	1/4	68,055	1/4	49,405	1/4	30,750	1/4	12,084	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,332	1/2	67,666	1/2	49,017	1/2	30,362	1/2	11,695	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,943	3/4	67,277	3/4	48,629	3/4	29,973	3/4	11,306	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	85,555	3	66,888	3	48,240	3	29,584	3	10,918	3	3	3	3	3	3	3	3	3	3
1/4	85,166	1/4	66,499	1/4	47,852	1/4	29,195	1/4	10,529	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,777	1/2	66,110	1/2	47,464	1/2	28,806	1/2	10,140	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,388	3/4	65,721	3/4	47,076	3/4	28,417	3/4	9,751	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	83,999	4	65,332	4	46,688	4	28,028	4	9,362	4	4	4	4	4	4	4	4	4	4
1/4	83,610	1/4	64,943	1/4	46,300	1/4	27,639	1/4	8,973	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,221	1/2	64,555	1/2	45,912	1/2	27,251	1/2	8,584	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,832	3/4	64,166	3/4	45,524	3/4	26,862	3/4	8,195	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	82,443	5	63,777	5	45,136	5	26,473	5	7,807	5	5	5	5	5	5	5	5	5	5
1/4	82,055	1/4	63,388	1/4	44,748	1/4	26,084	1/4	7,418	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,666	1/2	62,999	1/2	44,360	1/2	25,695	1/2	7,029	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,277	3/4	62,610	3/4	43,972	3/4	25,306	3/4	6,640	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	80,888	6	62,221	6	43,583	6	24,917	6	6,251	6	6	6	6	6	6	6	6	6	6
1/4	80,499	1/4	61,832	1/4	43,195	1/4	24,528	1/4	5,863	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,110	1/2	61,443	1/2	42,806	1/2	24,139	1/2	5,475	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,721	3/4	61,055	3/4	42,417	3/4	23,751	3/4	5,086	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	79,332	7	60,666	7	42,028	7	23,362	7	4,698	7	7	7	7	7	7	7	7	7	7
1/4	78,943	1/4	60,277	1/4	41,639	1/4	22,973	1/4	4,311	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,555	1/2	59,888	1/2	41,250	1/2	22,584	1/2	3,924	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,166	3/4	59,499	3/4	40,861	3/4	22,195	3/4	3,537	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	77,777	8	59,110	8	40,472	8	21,806	8	3,150	8	8	8	8	8	8	8	8	8	8
1/4	77,388	1/4	58,722	1/4	40,084	1/4	21,417	1/4	2,810	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,999	1/2	58,333	1/2	39,695	1/2	21,028	1/2	2,470	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,610	3/4	57,945	3/4	39,306	3/4	20,640	3/4	2,129	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	76,221	9	57,556	9	38,917	9	20,251	9	1,789	9	9	9	9	9	9	9	9	9	9
1/4	75,832	1/4	57,168	1/4	38,528	1/4	19,862	1/4	1,546	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,443	1/2	56,779	1/2	38,139	1/2	19,473	1/2	1,303	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,055	3/4	56,391	3/4	37,750	3/4	19,084	3/4	1,060	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	74,666	10	56,002	10	37,361	10	18,695	10	817	10	10	10	10	10	10	10	10	10	10
1/4	74,277	1/4	55,614	1/4	36,973	1/4	18,306	1/4	671	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,888	1/2	55,226	1/2	36,584	1/2	17,917	1/2	525	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,499	3/4	54,838	3/4	36,195	3/4	17,529	3/4	380	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	73,110	11	54,450	11	35,806	11	17,140	11	234	11	11	11	11	11	11	11	11	11	11
1/4	72,721	1/4	54,062	1/4	35,417	1/4	16,751	1/4	185	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,332	1/2	53,674	1/2	35,028	1/2	16,362	1/2	136	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,943	3/4	53,286	3/4	34,639	3/4	15,973	3/4	88	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: 06/10/2019 JS
CALCULATED: 06/10/2019 CL
PRINTED: 06/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

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