



BARGE "CBC 1114"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 165'-09"

September 30, 2021

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

<http://www.pmacorp.net>



BARGE "CBC 1114"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	180	0	9,436	0	20,026	0	30,449	0	40,913	0	51,472	0	62,032	0	72,578	0	83,122	0	93,685
1/4	217	1/4	9,656	1/4	20,247	1/4	30,662	1/4	41,133	1/4	51,692	1/4	62,252	1/4	72,797	1/4	83,342	1/4	93,905
1/2	253	1/2	9,877	1/2	20,468	1/2	30,876	1/2	41,353	1/2	51,912	1/2	62,472	1/2	73,016	1/2	83,562	1/2	94,125
3/4	290	3/4	10,098	3/4	20,688	3/4	31,089	3/4	41,573	3/4	52,132	3/4	62,692	3/4	73,236	3/4	83,783	3/4	94,345
1	327	1	10,318	1	20,909	1	31,303	1	41,793	1	52,352	1	62,912	1	73,455	1	84,003	1	94,565
1/4	437	1/4	10,539	1/4	21,130	1/4	31,516	1/4	42,013	1/4	52,572	1/4	63,132	1/4	73,674	1/4	84,223	1/4	94,785
1/2	547	1/2	10,760	1/2	21,350	1/2	31,730	1/2	42,233	1/2	52,792	1/2	63,352	1/2	73,894	1/2	84,443	1/2	95,005
3/4	658	3/4	10,980	3/4	21,571	3/4	31,943	3/4	42,453	3/4	53,012	3/4	63,572	3/4	74,113	3/4	84,663	3/4	95,225
2	768	2	11,201	2	21,792	2	32,157	2	42,673	2	53,232	2	63,792	2	74,332	2	84,883	2	95,445
1/4	952	1/4	11,422	1/4	22,012	1/4	32,371	1/4	42,893	1/4	53,452	1/4	64,012	1/4	74,552	1/4	85,103	1/4	95,665
1/2	1,135	1/2	11,642	1/2	22,233	1/2	32,586	1/2	43,113	1/2	53,672	1/2	64,231	1/2	74,771	1/2	85,323	1/2	95,885
3/4	1,319	3/4	11,863	3/4	22,453	3/4	32,800	3/4	43,333	3/4	53,892	3/4	64,451	3/4	74,990	3/4	85,543	3/4	96,105
3	1,503	3	12,083	3	22,674	3	33,015	3	43,553	3	54,112	3	64,671	3	75,209	3	85,763	3	96,325
1/4	1,722	1/4	12,304	1/4	22,895	1/4	33,229	1/4	43,773	1/4	54,332	1/4	64,891	1/4	75,429	1/4	85,983	1/4	96,545
1/2	1,940	1/2	12,525	1/2	23,115	1/2	33,444	1/2	43,993	1/2	54,552	1/2	65,111	1/2	75,648	1/2	86,203	1/2	96,766
3/4	2,159	3/4	12,745	3/4	23,336	3/4	33,659	3/4	44,213	3/4	54,772	3/4	65,331	3/4	75,867	3/4	86,423	3/4	96,986
4	2,378	4	12,966	4	23,557	4	33,873	4	44,433	4	54,992	4	65,551	4	76,087	4	86,643	4	97,206
1/4	2,598	1/4	13,187	1/4	23,777	1/4	34,093	1/4	44,653	1/4	55,212	1/4	65,771	1/4	76,306	1/4	86,863	1/4	97,425
1/2	2,818	1/2	13,407	1/2	23,998	1/2	34,313	1/2	44,873	1/2	55,432	1/2	65,990	1/2	76,525	1/2	87,083	1/2	97,645
3/4	3,038	3/4	13,628	3/4	24,219	3/4	34,533	3/4	45,093	3/4	55,652	3/4	66,210	3/4	76,745	3/4	87,303	3/4	97,865
5	3,258	5	13,849	5	24,439	5	34,753	5	45,313	5	55,872	5	66,430	5	76,964	5	87,523	5	98,085
1/4	3,479	1/4	14,069	1/4	24,660	1/4	34,973	1/4	45,533	1/4	56,092	1/4	66,650	1/4	77,183	1/4	87,743	1/4	98,305
1/2	3,699	1/2	14,290	1/2	24,881	1/2	35,193	1/2	45,753	1/2	56,312	1/2	66,870	1/2	77,403	1/2	87,963	1/2	98,524
3/4	3,920	3/4	14,511	3/4	25,101	3/4	35,413	3/4	45,973	3/4	56,532	3/4	67,090	3/4	77,622	3/4	88,184	3/4	98,744
6	4,140	6	14,731	6	25,322	6	35,633	6	46,193	6	56,752	6	67,310	6	77,841	6	88,404	6	98,964
1/4	4,361	1/4	14,952	1/4	25,536	1/4	35,853	1/4	46,413	1/4	56,972	1/4	67,530	1/4	78,061	1/4	88,624	1/4	99,184
1/2	4,582	1/2	15,172	1/2	25,749	1/2	36,073	1/2	46,633	1/2	57,192	1/2	67,749	1/2	78,281	1/2	88,844	1/2	99,404
3/4	4,802	3/4	15,393	3/4	25,963	3/4	36,293	3/4	46,853	3/4	57,412	3/4	67,969	3/4	78,501	3/4	89,064	3/4	99,624
7	5,023	7	15,614	7	26,177	7	36,513	7	47,073	7	57,632	7	68,189	7	78,721	7	89,284	7	99,843
1/4	5,244	1/4	15,834	1/4	26,390	1/4	36,733	1/4	47,293	1/4	57,852	1/4	68,409	1/4	78,941	1/4	89,504	1/4	100,063
1/2	5,464	1/2	16,055	1/2	26,604	1/2	36,953	1/2	47,513	1/2	58,072	1/2	68,629	1/2	79,161	1/2	89,724	1/2	100,283
3/4	5,685	3/4	16,276	3/4	26,818	3/4	37,173	3/4	47,733	3/4	58,292	3/4	68,849	3/4	79,382	3/4	89,944	3/4	100,503
8	5,906	8	16,496	8	27,031	8	37,393	8	47,953	8	58,512	8	69,069	8	79,602	8	90,164	8	100,723
1/4	6,126	1/4	16,717	1/4	27,245	1/4	37,613	1/4	48,173	1/4	58,732	1/4	69,288	1/4	79,822	1/4	90,384	1/4	100,942
1/2	6,347	1/2	16,938	1/2	27,459	1/2	37,833	1/2	48,393	1/2	58,952	1/2	69,507	1/2	80,042	1/2	90,604	1/2	101,162
3/4	6,568	3/4	17,158	3/4	27,672	3/4	38,053	3/4	48,613	3/4	59,172	3/4	69,727	3/4	80,262	3/4	90,824	3/4	101,382
9	6,788	9	17,379	9	27,886	9	38,273	9	48,833	9	59,392	9	69,946	9	80,482	9	91,044	9	101,602
1/4	7,009	1/4	17,599	1/4	28,100	1/4	38,493	1/4	49,053	1/4	59,612	1/4	70,165	1/4	80,702	1/4	91,264	1/4	101,822
1/2	7,229	1/2	17,820	1/2	28,314	1/2	38,713	1/2	49,273	1/2	59,832	1/2	70,385	1/2	80,922	1/2	91,484	1/2	102,042
3/4	7,450	3/4	18,041	3/4	28,527	3/4	38,933	3/4	49,493	3/4	60,052	3/4	70,604	3/4	81,142	3/4	91,704	3/4	102,261
10	7,671	10	18,261	10	28,741	10	39,153	10	49,713	10	60,272	10	70,823	10	81,362	10	91,924	10	102,481
1/4	7,891	1/4	18,482	1/4	28,955	1/4	39,373	1/4	49,933	1/4	60,492	1/4	71,043	1/4	81,582	1/4	92,144	1/4	102,700
1/2	8,112	1/2	18,703	1/2	29,168	1/2	39,593	1/2	50,153	1/2	60,712	1/2	71,262	1/2	81,802	1/2	92,364	1/2	102,919
3/4	8,333	3/4	18,923	3/4	29,381	3/4	39,813	3/4	50,373	3/4	60,932	3/4	71,481	3/4	82,022	3/4	92,585	3/4	103,139
11	8,553	11	19,144	11	29,595	11	40,033	11	50,593	11	61,152	11	71,701	11	82,242	11	92,805	11	103,358
1/4	8,774	1/4	19,365	1/4	29,808	1/4	40,253	1/4	50,812	1/4	61,372	1/4	71,920	1/4	82,462	1/4	93,025	1/4	103,577
1/2	8,995	1/2	19,585	1/2	30,022	1/2	40,473	1/2	51,032	1/2	61,592	1/2	72,139	1/2	82,682	1/2	93,245	1/2	103,796
3/4	9,215	3/4	19,806	3/4	30,235	3/4	40,693	3/4	51,252	3/4	61,812	3/4	72,358	3/4	82,902	3/4	93,465	3/4	104,015

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 "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 25'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "CBC 1114"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,234	0	114,270	0	123,312	0	132,354	0	141,396	0		0		0		0		0	
1/4	104,453	1/4	114,458	1/4	123,500	1/4	132,542	1/4	141,584	1/4		1/4		1/4		1/4		1/4	
1/2	104,672	1/2	114,647	1/2	123,689	1/2	132,731	1/2	141,772	1/2		1/2		1/2		1/2		1/2	
3/4	104,891	3/4	114,835	3/4	123,877	3/4	132,919	3/4	141,961	3/4		3/4		3/4		3/4		3/4	
1	105,110	1	115,023	1	124,065	1	133,107	1	142,149	1		1		1		1		1	
1/4	105,330	1/4	115,212	1/4	124,254	1/4	133,296	1/4	142,338	1/4		1/4		1/4		1/4		1/4	
1/2	105,549	1/2	115,400	1/2	124,442	1/2	133,484	1/2	142,526	1/2		1/2		1/2		1/2		1/2	
3/4	105,768	3/4	115,588	3/4	124,630	3/4	133,672	3/4	142,714	3/4		3/4		3/4		3/4		3/4	
2	105,987	2	115,777	2	124,819	2	133,861	2	142,903	2		2		2		2		2	
1/4	106,206	1/4	115,965	1/4	125,007	1/4	134,049	1/4	143,091	1/4		1/4		1/4		1/4		1/4	
1/2	106,425	1/2	116,154	1/2	125,196	1/2	134,238	1/2	143,280	1/2		1/2		1/2		1/2		1/2	
3/4	106,644	3/4	116,342	3/4	125,384	3/4	134,426	3/4	143,468	3/4		3/4		3/4		3/4		3/4	
3	106,863	3	116,530	3	125,572	3	134,614	3	143,657	3		3		3		3		3	
1/4	107,082	1/4	116,719	1/4	125,761	1/4	134,803	1/4	143,845	1/4		1/4		1/4		1/4		1/4	
1/2	107,302	1/2	116,907	1/2	125,949	1/2	134,991	1/2	144,033	1/2		1/2		1/2		1/2		1/2	
3/4	107,521	3/4	117,095	3/4	126,137	3/4	135,179	3/4	144,221	3/4		3/4		3/4		3/4		3/4	
4	107,740	4	117,284	4	126,326	4	135,368	4	144,409	4		4		4		4		4	
1/4	107,959	1/4	117,472	1/4	126,514	1/4	135,556	1/4	144,596	1/4		1/4		1/4		1/4		1/4	
1/2	108,178	1/2	117,661	1/2	126,703	1/2	135,745	1/2	144,783	1/2		1/2		1/2		1/2		1/2	
3/4	108,397	3/4	117,849	3/4	126,891	3/4	135,933	3/4	144,970	3/4		3/4		3/4		3/4		3/4	
5	108,616	5	118,037	5	127,079	5	136,121	5	145,157	5		5		5		5		5	
1/4	108,836	1/4	118,226	1/4	127,268	1/4	136,310	1/4	145,356	1/4		1/4		1/4		1/4		1/4	
1/2	109,056	1/2	118,414	1/2	127,456	1/2	136,498	1/2	145,555	1/2		1/2		1/2		1/2		1/2	
3/4	109,276	3/4	118,602	3/4	127,644	3/4	136,686	3/4	145,754	3/4		3/4		3/4		3/4		3/4	
6	109,495	6	118,791	6	127,833	6	136,875	6	145,953	6		6		6		6		6	
1/4	109,715	1/4	118,979	1/4	128,021	1/4	137,063	1/4	146,082	1/4		1/4		1/4		1/4		1/4	
1/2	109,936	1/2	119,168	1/2	128,210	1/2	137,252	1/2	146,211	1/2		1/2		1/2		1/2		1/2	
3/4	110,156	3/4	119,356	3/4	128,398	3/4	137,440	3/4	146,339	3/4		3/4		3/4		3/4		3/4	
7	110,376	7	119,544	7	128,586	7	137,628	7	146,468	7		7		7		7		7	
1/4	110,596	1/4	119,733	1/4	128,775	1/4	137,817	1/4	146,523	1/4		1/4		1/4		1/4		1/4	
1/2	110,816	1/2	119,921	1/2	128,963	1/2	138,005	1/2	146,578	1/2		1/2		1/2		1/2		1/2	
3/4	111,036	3/4	120,109	3/4	129,151	3/4	138,193	3/4	146,633	3/4		3/4		3/4		3/4		3/4	
8	111,256	8	120,298	8	129,340	8	138,382	8	146,688	8		8		8		8		8	
1/4	111,444	1/4	120,486	1/4	129,528	1/4	138,570	1/4	146,698	1/4		1/4		1/4		1/4		1/4	
1/2	111,633	1/2	120,675	1/2	129,717	1/2	138,759	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,821	3/4	120,863	3/4	129,905	3/4	138,947	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,009	9	121,051	9	130,093	9	139,135	9		9		9		9		9		9	
1/4	112,198	1/4	121,240	1/4	130,282	1/4	139,324	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,386	1/2	121,428	1/2	130,470	1/2	139,512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,574	3/4	121,616	3/4	130,658	3/4	139,700	3/4		3/4		3/4		3/4		3/4		3/4	
10	112,763	10	121,805	10	130,847	10	139,889	10		10		10		10		10		10	
1/4	112,951	1/4	121,993	1/4	131,035	1/4	140,077	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,140	1/2	122,182	1/2	131,224	1/2	140,266	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,328	3/4	122,370	3/4	131,412	3/4	140,454	3/4		3/4		3/4		3/4		3/4		3/4	
11	113,516	11	122,558	11	131,600	11	140,642	11		11		11		11		11		11	
1/4	113,705	1/4	122,747	1/4	131,789	1/4	140,831	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,893	1/2	122,935	1/2	131,977	1/2	141,019	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,081	3/4	123,123	3/4	132,165	3/4	141,207	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2021 CL
CALCULATED: 09/30/2021 CL
PRINTED: 09/30/2021 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

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<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021



BARGE "CBC 1114"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	31	0	10,106	0	21,635	0	32,991	0	44,406	0	55,935	0	67,464	0	78,993	0	90,522	0	102,051
1/4	71	1/4	10,347	1/4	21,875	1/4	33,224	1/4	44,646	1/4	56,175	1/4	67,704	1/4	79,233	1/4	90,763	1/4	102,292
1/2	111	1/2	10,587	1/2	22,115	1/2	33,457	1/2	44,886	1/2	56,415	1/2	67,944	1/2	79,474	1/2	91,003	1/2	102,532
3/4	151	3/4	10,827	3/4	22,356	3/4	33,690	3/4	45,126	3/4	56,656	3/4	68,185	3/4	79,714	3/4	91,243	3/4	102,772
1	191	1	11,067	1	22,596	1	33,922	1	45,367	1	56,896	1	68,425	1	79,954	1	91,483	1	103,012
1/4	311	1/4	11,307	1/4	22,836	1/4	34,155	1/4	45,607	1/4	57,136	1/4	68,665	1/4	80,194	1/4	91,723	1/4	103,252
1/2	431	1/2	11,547	1/2	23,076	1/2	34,388	1/2	45,847	1/2	57,376	1/2	68,905	1/2	80,434	1/2	91,963	1/2	103,493
3/4	551	3/4	11,788	3/4	23,316	3/4	34,621	3/4	46,087	3/4	57,616	3/4	69,145	3/4	80,675	3/4	92,204	3/4	103,733
2	671	2	12,028	2	23,557	2	34,854	2	46,327	2	57,857	2	69,386	2	80,915	2	92,444	2	103,973
1/4	871	1/4	12,268	1/4	23,797	1/4	35,088	1/4	46,568	1/4	58,097	1/4	69,626	1/4	81,155	1/4	92,684	1/4	104,213
1/2	1,071	1/2	12,508	1/2	24,037	1/2	35,321	1/2	46,808	1/2	58,337	1/2	69,866	1/2	81,395	1/2	92,924	1/2	104,453
3/4	1,271	3/4	12,748	3/4	24,277	3/4	35,554	3/4	47,048	3/4	58,577	3/4	70,106	3/4	81,635	3/4	93,164	3/4	104,694
3	1,471	3	12,989	3	24,517	3	35,787	3	47,288	3	58,817	3	70,346	3	81,875	3	93,405	3	104,934
1/4	1,709	1/4	13,229	1/4	24,757	1/4	36,020	1/4	47,528	1/4	59,057	1/4	70,587	1/4	82,116	1/4	93,645	1/4	105,174
1/2	1,947	1/2	13,469	1/2	24,998	1/2	36,253	1/2	47,769	1/2	59,298	1/2	70,827	1/2	82,356	1/2	93,885	1/2	105,414
3/4	2,185	3/4	13,709	3/4	25,238	3/4	36,487	3/4	48,009	3/4	59,538	3/4	71,067	3/4	82,596	3/4	94,125	3/4	105,654
4	2,424	4	13,949	4	25,478	4	36,720	4	48,249	4	59,778	4	71,307	4	82,836	4	94,365	4	105,894
1/4	2,663	1/4	14,189	1/4	25,718	1/4	36,960	1/4	48,489	1/4	60,018	1/4	71,547	1/4	83,076	1/4	94,606	1/4	106,135
1/2	2,903	1/2	14,430	1/2	25,958	1/2	37,200	1/2	48,729	1/2	60,258	1/2	71,788	1/2	83,317	1/2	94,846	1/2	106,375
3/4	3,142	3/4	14,670	3/4	26,199	3/4	37,440	3/4	48,970	3/4	60,499	3/4	72,028	3/4	83,557	3/4	95,086	3/4	106,615
5	3,382	5	14,910	5	26,439	5	37,681	5	49,210	5	60,739	5	72,268	5	83,797	5	95,326	5	106,855
1/4	3,622	1/4	15,150	1/4	26,679	1/4	37,921	1/4	49,450	1/4	60,979	1/4	72,508	1/4	84,037	1/4	95,566	1/4	107,095
1/2	3,862	1/2	15,390	1/2	26,919	1/2	38,161	1/2	49,690	1/2	61,219	1/2	72,748	1/2	84,277	1/2	95,806	1/2	107,336
3/4	4,102	3/4	15,631	3/4	27,159	3/4	38,401	3/4	49,930	3/4	61,459	3/4	72,988	3/4	84,518	3/4	96,047	3/4	107,576
6	4,342	6	15,871	6	27,399	6	38,641	6	50,170	6	61,700	6	73,229	6	84,758	6	96,287	6	107,816
1/4	4,582	1/4	16,111	1/4	27,632	1/4	38,882	1/4	50,411	1/4	61,940	1/4	73,469	1/4	84,998	1/4	96,527	1/4	108,056
1/2	4,823	1/2	16,351	1/2	27,865	1/2	39,122	1/2	50,651	1/2	62,180	1/2	73,709	1/2	85,238	1/2	96,767	1/2	108,296
3/4	5,063	3/4	16,591	3/4	28,098	3/4	39,362	3/4	50,891	3/4	62,420	3/4	73,949	3/4	85,478	3/4	97,007	3/4	108,537
7	5,303	7	16,831	7	28,331	7	39,602	7	51,131	7	62,660	7	74,189	7	85,719	7	97,248	7	108,777
1/4	5,543	1/4	17,072	1/4	28,564	1/4	39,842	1/4	51,371	1/4	62,901	1/4	74,430	1/4	85,959	1/4	97,488	1/4	109,017
1/2	5,783	1/2	17,312	1/2	28,797	1/2	40,082	1/2	51,612	1/2	63,141	1/2	74,670	1/2	86,199	1/2	97,728	1/2	109,257
3/4	6,023	3/4	17,552	3/4	29,030	3/4	40,323	3/4	51,852	3/4	63,381	3/4	74,910	3/4	86,439	3/4	97,968	3/4	109,497
8	6,263	8	17,792	8	29,263	8	40,563	8	52,092	8	63,621	8	75,150	8	86,679	8	98,208	8	109,737
1/4	6,504	1/4	18,032	1/4	29,496	1/4	40,803	1/4	52,332	1/4	63,861	1/4	75,390	1/4	86,919	1/4	98,449	1/4	109,978
1/2	6,744	1/2	18,273	1/2	29,729	1/2	41,043	1/2	52,572	1/2	64,101	1/2	75,631	1/2	87,160	1/2	98,689	1/2	110,218
3/4	6,984	3/4	18,513	3/4	29,962	3/4	41,283	3/4	52,813	3/4	64,342	3/4	75,871	3/4	87,400	3/4	98,929	3/4	110,458
9	7,224	9	18,753	9	30,195	9	41,524	9	53,053	9	64,582	9	76,111	9	87,640	9	99,169	9	110,698
1/4	7,464	1/4	18,993	1/4	30,428	1/4	41,764	1/4	53,293	1/4	64,822	1/4	76,351	1/4	87,880	1/4	99,409	1/4	110,938
1/2	7,705	1/2	19,233	1/2	30,661	1/2	42,004	1/2	53,533	1/2	65,062	1/2	76,591	1/2	88,120	1/2	99,650	1/2	111,179
3/4	7,945	3/4	19,473	3/4	30,894	3/4	42,244	3/4	53,773	3/4	65,302	3/4	76,832	3/4	88,361	3/4	99,890	3/4	111,419
10	8,185	10	19,714	10	31,127	10	42,484	10	54,013	10	65,543	10	77,072	10	88,601	10	100,130	10	111,659
1/4	8,425	1/4	19,954	1/4	31,360	1/4	42,725	1/4	54,254	1/4	65,783	1/4	77,312	1/4	88,841	1/4	100,370	1/4	111,899
1/2	8,665	1/2	20,194	1/2	31,593	1/2	42,965	1/2	54,494	1/2	66,023	1/2	77,552	1/2	89,081	1/2	100,610	1/2	112,139
3/4	8,905	3/4	20,434	3/4	31,826	3/4	43,205	3/4	54,734	3/4	66,263	3/4	77,792	3/4	89,321	3/4	100,850	3/4	112,380
11	9,146	11	20,674	11	32,059	11	43,445	11	54,974	11	66,503	11	78,032	11	89,562	11	101,091	11	112,620
1/4	9,386	1/4	20,915	1/4	32,292	1/4	43,685	1/4	55,214	1/4	66,744	1/4	78,273	1/4	89,802	1/4	101,331	1/4	112,860
1/2	9,626	1/2	21,155	1/2	32,525	1/2	43,926	1/2	55,455	1/2	66,984	1/2	78,513	1/2	90,042	1/2	101,571	1/2	113,100
3/4	9,866	3/4	21,395	3/4	32,758	3/4	44,166	3/4	55,695	3/4	67,224	3/4	78,753	3/4	90,282	3/4	101,811	3/4	113,340

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 "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD.

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 1114"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	113,581	0	125,110	0	136,639	0	148,168	0	159,697	0		0		0		0		0	
1/4	113,821	1/4	125,350	1/4	136,879	1/4	148,408	1/4	159,937	1/4		1/4		1/4		1/4		1/4	
1/2	114,061	1/2	125,590	1/2	137,119	1/2	148,648	1/2	160,177	1/2		1/2		1/2		1/2		1/2	
3/4	114,301	3/4	125,830	3/4	137,359	3/4	148,888	3/4	160,417	3/4		3/4		3/4		3/4		3/4	
1	114,541	1	126,070	1	137,599	1	149,129	1	160,658	1		1		1		1		1	
1/4	114,781	1/4	126,311	1/4	137,840	1/4	149,369	1/4	160,898	1/4		1/4		1/4		1/4		1/4	
1/2	115,022	1/2	126,551	1/2	138,080	1/2	149,609	1/2	161,138	1/2		1/2		1/2		1/2		1/2	
3/4	115,262	3/4	126,791	3/4	138,320	3/4	149,849	3/4	161,378	3/4		3/4		3/4		3/4		3/4	
2	115,502	2	127,031	2	138,560	2	150,089	2	161,618	2		2		2		2		2	
1/4	115,742	1/4	127,271	1/4	138,800	1/4	150,330	1/4	161,859	1/4		1/4		1/4		1/4		1/4	
1/2	115,982	1/2	127,512	1/2	139,041	1/2	150,570	1/2	162,099	1/2		1/2		1/2		1/2		1/2	
3/4	116,223	3/4	127,752	3/4	139,281	3/4	150,810	3/4	162,339	3/4		3/4		3/4		3/4		3/4	
3	116,463	3	127,992	3	139,521	3	151,050	3	162,579	3		3		3		3		3	
1/4	116,703	1/4	128,232	1/4	139,761	1/4	151,290	1/4	162,819	1/4		1/4		1/4		1/4		1/4	
1/2	116,943	1/2	128,472	1/2	140,001	1/2	151,530	1/2	163,059	1/2		1/2		1/2		1/2		1/2	
3/4	117,183	3/4	128,712	3/4	140,242	3/4	151,771	3/4	163,299	3/4		3/4		3/4		3/4		3/4	
4	117,424	4	128,953	4	140,482	4	152,011	4	163,539	4		4		4		4		4	
1/4	117,664	1/4	129,193	1/4	140,722	1/4	152,251	1/4	163,777	1/4		1/4		1/4		1/4		1/4	
1/2	117,904	1/2	129,433	1/2	140,962	1/2	152,491	1/2	164,016	1/2		1/2		1/2		1/2		1/2	
3/4	118,144	3/4	129,673	3/4	141,202	3/4	152,731	3/4	164,254	3/4		3/4		3/4		3/4		3/4	
5	118,384	5	129,913	5	141,443	5	152,972	5	164,493	5		5		5		5		5	
1/4	118,624	1/4	130,154	1/4	141,683	1/4	153,212	1/4	164,710	1/4		1/4		1/4		1/4		1/4	
1/2	118,865	1/2	130,394	1/2	141,923	1/2	153,452	1/2	164,927	1/2		1/2		1/2		1/2		1/2	
3/4	119,105	3/4	130,634	3/4	142,163	3/4	153,692	3/4	165,143	3/4		3/4		3/4		3/4		3/4	
6	119,345	6	130,874	6	142,403	6	153,932	6	165,360	6		6		6		6		6	
1/4	119,585	1/4	131,114	1/4	142,643	1/4	154,173	1/4	165,500	1/4		1/4		1/4		1/4		1/4	
1/2	119,825	1/2	131,355	1/2	142,884	1/2	154,413	1/2	165,640	1/2		1/2		1/2		1/2		1/2	
3/4	120,066	3/4	131,595	3/4	143,124	3/4	154,653	3/4	165,781	3/4		3/4		3/4		3/4		3/4	
7	120,306	7	131,835	7	143,364	7	154,893	7	165,921	7		7		7		7		7	
1/4	120,546	1/4	132,075	1/4	143,604	1/4	155,133	1/4	165,981	1/4		1/4		1/4		1/4		1/4	
1/2	120,786	1/2	132,315	1/2	143,844	1/2	155,374	1/2	166,041	1/2		1/2		1/2		1/2		1/2	
3/4	121,026	3/4	132,555	3/4	144,085	3/4	155,614	3/4	166,101	3/4		3/4		3/4		3/4		3/4	
8	121,267	8	132,796	8	144,325	8	155,854	8	166,161	8		8		8		8		8	
1/4	121,507	1/4	133,036	1/4	144,565	1/4	156,094	1/4	166,171	1/4		1/4		1/4		1/4		1/4	
1/2	121,747	1/2	133,276	1/2	144,805	1/2	156,334	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,987	3/4	133,516	3/4	145,045	3/4	156,574	3/4		3/4		3/4		3/4		3/4		3/4	
9	122,227	9	133,756	9	145,286	9	156,815	9		9		9		9		9		9	
1/4	122,468	1/4	133,997	1/4	145,526	1/4	157,055	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,708	1/2	134,237	1/2	145,766	1/2	157,295	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,948	3/4	134,477	3/4	146,006	3/4	157,535	3/4		3/4		3/4		3/4		3/4		3/4	
10	123,188	10	134,717	10	146,246	10	157,775	10		10		10		10		10		10	
1/4	123,428	1/4	134,957	1/4	146,486	1/4	158,016	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,668	1/2	135,198	1/2	146,727	1/2	158,256	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,909	3/4	135,438	3/4	146,967	3/4	158,496	3/4		3/4		3/4		3/4		3/4		3/4	
11	124,149	11	135,678	11	147,207	11	158,736	11		11		11		11		11		11	
1/4	124,389	1/4	135,918	1/4	147,447	1/4	158,976	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,629	1/2	136,158	1/2	147,687	1/2	159,217	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,869	3/4	136,399	3/4	147,928	3/4	159,457	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2021 CL
CALCULATED: 09/30/2021 CL
PRINTED: 09/30/2021 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021



BARGE "CBC 1114"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	31	0	8,910	0	19,069	0	29,214	0	39,367	0	49,528	0	59,689	0	69,851	0	80,012	0	90,173
1/4	66	1/4	9,121	1/4	19,281	1/4	29,425	1/4	39,579	1/4	49,740	1/4	59,901	1/4	70,062	1/4	80,224	1/4	90,385
1/2	101	1/2	9,333	1/2	19,493	1/2	29,636	1/2	39,790	1/2	49,952	1/2	60,113	1/2	70,274	1/2	80,435	1/2	90,597
3/4	136	3/4	9,545	3/4	19,704	3/4	29,847	3/4	40,002	3/4	50,163	3/4	60,324	3/4	70,486	3/4	80,647	3/4	90,808
1	172	1	9,756	1	19,916	1	30,059	1	40,214	1	50,375	1	60,536	1	70,697	1	80,859	1	91,020
1/4	277	1/4	9,968	1/4	20,128	1/4	30,270	1/4	40,425	1/4	50,587	1/4	60,748	1/4	70,909	1/4	81,070	1/4	91,232
1/2	383	1/2	10,180	1/2	20,339	1/2	30,481	1/2	40,637	1/2	50,798	1/2	60,960	1/2	71,121	1/2	81,282	1/2	91,443
3/4	489	3/4	10,391	3/4	20,551	3/4	30,692	3/4	40,849	3/4	51,010	3/4	61,171	3/4	71,332	3/4	81,494	3/4	91,655
2	595	2	10,603	2	20,763	2	30,903	2	41,060	2	51,222	2	61,383	2	71,544	2	81,705	2	91,867
1/4	771	1/4	10,815	1/4	20,974	1/4	31,114	1/4	41,272	1/4	51,433	1/4	61,595	1/4	71,756	1/4	81,917	1/4	92,078
1/2	947	1/2	11,026	1/2	21,186	1/2	31,325	1/2	41,484	1/2	51,645	1/2	61,806	1/2	71,968	1/2	82,129	1/2	92,290
3/4	1,124	3/4	11,238	3/4	21,398	3/4	31,536	3/4	41,696	3/4	51,857	3/4	62,018	3/4	72,179	3/4	82,341	3/4	92,502
3	1,300	3	11,450	3	21,609	3	31,748	3	41,907	3	52,068	3	62,230	3	72,391	3	82,552	3	92,713
1/4	1,510	1/4	11,661	1/4	21,821	1/4	31,959	1/4	42,119	1/4	52,280	1/4	62,441	1/4	72,603	1/4	82,764	1/4	92,925
1/2	1,720	1/2	11,873	1/2	22,033	1/2	32,170	1/2	42,331	1/2	52,492	1/2	62,653	1/2	72,814	1/2	82,976	1/2	93,137
3/4	1,929	3/4	12,085	3/4	22,244	3/4	32,381	3/4	42,542	3/4	52,704	3/4	62,865	3/4	73,026	3/4	83,187	3/4	93,349
4	2,139	4	12,296	4	22,456	4	32,593	4	42,754	4	52,915	4	63,076	4	73,238	4	83,399	4	93,560
1/4	2,350	1/4	12,508	1/4	22,668	1/4	32,804	1/4	42,966	1/4	53,127	1/4	63,288	1/4	73,449	1/4	83,611	1/4	93,772
1/2	2,562	1/2	12,720	1/2	22,879	1/2	33,016	1/2	43,177	1/2	53,339	1/2	63,500	1/2	73,661	1/2	83,822	1/2	93,984
3/4	2,773	3/4	12,931	3/4	23,091	3/4	33,228	3/4	43,389	3/4	53,550	3/4	63,712	3/4	73,873	3/4	84,034	3/4	94,195
5	2,984	5	13,143	5	23,303	5	33,440	5	43,601	5	53,762	5	63,923	5	74,084	5	84,246	5	94,407
1/4	3,195	1/4	13,355	1/4	23,514	1/4	33,651	1/4	43,812	1/4	53,974	1/4	64,135	1/4	74,296	1/4	84,457	1/4	94,619
1/2	3,407	1/2	13,566	1/2	23,726	1/2	33,863	1/2	44,024	1/2	54,185	1/2	64,347	1/2	74,508	1/2	84,669	1/2	94,830
3/4	3,619	3/4	13,778	3/4	23,938	3/4	34,075	3/4	44,236	3/4	54,397	3/4	64,558	3/4	74,720	3/4	84,881	3/4	95,042
6	3,830	6	13,990	6	24,149	6	34,286	6	44,448	6	54,609	6	64,770	6	74,931	6	85,093	6	95,254
1/4	4,042	1/4	14,201	1/4	24,360	1/4	34,498	1/4	44,659	1/4	54,820	1/4	64,982	1/4	75,143	1/4	85,304	1/4	95,465
1/2	4,253	1/2	14,413	1/2	24,571	1/2	34,710	1/2	44,871	1/2	55,032	1/2	65,193	1/2	75,355	1/2	85,516	1/2	95,677
3/4	4,465	3/4	14,625	3/4	24,782	3/4	34,921	3/4	45,083	3/4	55,244	3/4	65,405	3/4	75,566	3/4	85,728	3/4	95,889
7	4,677	7	14,836	7	24,993	7	35,133	7	45,294	7	55,456	7	65,617	7	75,778	7	85,939	7	96,101
1/4	4,888	1/4	15,048	1/4	25,204	1/4	35,345	1/4	45,506	1/4	55,667	1/4	65,828	1/4	75,990	1/4	86,151	1/4	96,312
1/2	5,100	1/2	15,260	1/2	25,416	1/2	35,556	1/2	45,718	1/2	55,879	1/2	66,040	1/2	76,201	1/2	86,363	1/2	96,524
3/4	5,312	3/4	15,471	3/4	25,627	3/4	35,768	3/4	45,929	3/4	56,091	3/4	66,252	3/4	76,413	3/4	86,574	3/4	96,736
8	5,523	8	15,683	8	25,838	8	35,980	8	46,141	8	56,302	8	66,464	8	76,625	8	86,786	8	96,947
1/4	5,735	1/4	15,895	1/4	26,049	1/4	36,192	1/4	46,353	1/4	56,514	1/4	66,675	1/4	76,836	1/4	86,998	1/4	97,159
1/2	5,947	1/2	16,106	1/2	26,260	1/2	36,403	1/2	46,564	1/2	56,726	1/2	66,887	1/2	77,048	1/2	87,209	1/2	97,371
3/4	6,158	3/4	16,318	3/4	26,471	3/4	36,615	3/4	46,776	3/4	56,937	3/4	67,099	3/4	77,260	3/4	87,421	3/4	97,582
9	6,370	9	16,530	9	26,682	9	36,827	9	46,988	9	57,149	9	67,310	9	77,472	9	87,633	9	97,794
1/4	6,582	1/4	16,741	1/4	26,893	1/4	37,038	1/4	47,200	1/4	57,361	1/4	67,522	1/4	77,683	1/4	87,845	1/4	98,006
1/2	6,793	1/2	16,953	1/2	27,104	1/2	37,250	1/2	47,411	1/2	57,572	1/2	67,734	1/2	77,895	1/2	88,056	1/2	98,217
3/4	7,005	3/4	17,164	3/4	27,315	3/4	37,462	3/4	47,623	3/4	57,784	3/4	67,945	3/4	78,107	3/4	88,268	3/4	98,429
10	7,217	10	17,376	10	27,526	10	37,673	10	47,835	10	57,996	10	68,157	10	78,318	10	88,480	10	98,641
1/4	7,428	1/4	17,588	1/4	27,737	1/4	37,885	1/4	48,046	1/4	58,208	1/4	68,369	1/4	78,530	1/4	88,691	1/4	98,853
1/2	7,640	1/2	17,799	1/2	27,948	1/2	38,097	1/2	48,258	1/2	58,419	1/2	68,580	1/2	78,742	1/2	88,903	1/2	99,064
3/4	7,851	3/4	18,011	3/4	28,159	3/4	38,308	3/4	48,470	3/4	58,631	3/4	68,792	3/4	78,953	3/4	89,115	3/4	99,276
11	8,063	11	18,223	11	28,370	11	38,520	11	48,681	11	58,843	11	69,004	11	79,165	11	89,326	11	99,488
1/4	8,275	1/4	18,434	1/4	28,581	1/4	38,732	1/4	48,893	1/4	59,054	1/4	69,216	1/4	79,377	1/4	89,538	1/4	99,699
1/2	8,486	1/2	18,646	1/2	28,792	1/2	38,944	1/2	49,105	1/2	59,266	1/2	69,427	1/2	79,589	1/2	89,750	1/2	99,911
3/4	8,698	3/4	18,858	3/4	29,003	3/4	39,155	3/4	49,316	3/4	59,478	3/4	69,639	3/4	79,800	3/4	89,961	3/4	100,123

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 "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1114"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	100,334	0	110,496	0	120,657	0	130,818	0	140,979	0		0		0		0		0	
1/4	100,546	1/4	110,707	1/4	120,869	1/4	131,030	1/4	141,191	1/4		1/4		1/4		1/4		1/4	
1/2	100,758	1/2	110,919	1/2	121,080	1/2	131,241	1/2	141,403	1/2		1/2		1/2		1/2		1/2	
3/4	100,969	3/4	111,131	3/4	121,292	3/4	131,453	3/4	141,614	3/4		3/4		3/4		3/4		3/4	
1	101,181	1	111,342	1	121,504	1	131,665	1	141,826	1		1		1		1		1	
1/4	101,393	1/4	111,554	1/4	121,715	1/4	131,877	1/4	142,038	1/4		1/4		1/4		1/4		1/4	
1/2	101,605	1/2	111,766	1/2	121,927	1/2	132,088	1/2	142,250	1/2		1/2		1/2		1/2		1/2	
3/4	101,816	3/4	111,977	3/4	122,139	3/4	132,300	3/4	142,461	3/4		3/4		3/4		3/4		3/4	
2	102,028	2	112,189	2	122,350	2	132,512	2	142,673	2		2		2		2		2	
1/4	102,240	1/4	112,401	1/4	122,562	1/4	132,723	1/4	142,885	1/4		1/4		1/4		1/4		1/4	
1/2	102,451	1/2	112,613	1/2	122,774	1/2	132,935	1/2	143,096	1/2		1/2		1/2		1/2		1/2	
3/4	102,663	3/4	112,824	3/4	122,985	3/4	133,147	3/4	143,308	3/4		3/4		3/4		3/4		3/4	
3	102,875	3	113,036	3	123,197	3	133,358	3	143,520	3		3		3		3		3	
1/4	103,086	1/4	113,248	1/4	123,409	1/4	133,570	1/4	143,731	1/4		1/4		1/4		1/4		1/4	
1/2	103,298	1/2	113,459	1/2	123,621	1/2	133,782	1/2	143,943	1/2		1/2		1/2		1/2		1/2	
3/4	103,510	3/4	113,671	3/4	123,832	3/4	133,993	3/4	144,154	3/4		3/4		3/4		3/4		3/4	
4	103,721	4	113,883	4	124,044	4	134,205	4	144,365	4		4		4		4		4	
1/4	103,933	1/4	114,094	1/4	124,256	1/4	134,417	1/4	144,576	1/4		1/4		1/4		1/4		1/4	
1/2	104,145	1/2	114,306	1/2	124,467	1/2	134,629	1/2	144,786	1/2		1/2		1/2		1/2		1/2	
3/4	104,357	3/4	114,518	3/4	124,679	3/4	134,840	3/4	144,996	3/4		3/4		3/4		3/4		3/4	
5	104,568	5	114,729	5	124,891	5	135,052	5	145,207	5		5		5		5		5	
1/4	104,780	1/4	114,941	1/4	125,102	1/4	135,264	1/4	145,398	1/4		1/4		1/4		1/4		1/4	
1/2	104,992	1/2	115,153	1/2	125,314	1/2	135,475	1/2	145,589	1/2		1/2		1/2		1/2		1/2	
3/4	105,203	3/4	115,365	3/4	125,526	3/4	135,687	3/4	145,780	3/4		3/4		3/4		3/4		3/4	
6	105,415	6	115,576	6	125,737	6	135,899	6	145,971	6		6		6		6		6	
1/4	105,627	1/4	115,788	1/4	125,949	1/4	136,110	1/4	146,095	1/4		1/4		1/4		1/4		1/4	
1/2	105,838	1/2	116,000	1/2	126,161	1/2	136,322	1/2	146,218	1/2		1/2		1/2		1/2		1/2	
3/4	106,050	3/4	116,211	3/4	126,373	3/4	136,534	3/4	146,341	3/4		3/4		3/4		3/4		3/4	
7	106,262	7	116,423	7	126,584	7	136,746	7	146,465	7		7		7		7		7	
1/4	106,473	1/4	116,635	1/4	126,796	1/4	136,957	1/4	146,518	1/4		1/4		1/4		1/4		1/4	
1/2	106,685	1/2	116,846	1/2	127,008	1/2	137,169	1/2	146,571	1/2		1/2		1/2		1/2		1/2	
3/4	106,897	3/4	117,058	3/4	127,219	3/4	137,381	3/4	146,624	3/4		3/4		3/4		3/4		3/4	
8	107,109	8	117,270	8	127,431	8	137,592	8	146,676	8		8		8		8		8	
1/4	107,320	1/4	117,481	1/4	127,643	1/4	137,804	1/4	146,685	1/4		1/4		1/4		1/4		1/4	
1/2	107,532	1/2	117,693	1/2	127,854	1/2	138,016	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,744	3/4	117,905	3/4	128,066	3/4	138,227	3/4		3/4		3/4		3/4		3/4		3/4	
9	107,955	9	118,117	9	128,278	9	138,439	9		9		9		9		9		9	
1/4	108,167	1/4	118,328	1/4	128,489	1/4	138,651	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,379	1/2	118,540	1/2	128,701	1/2	138,862	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,590	3/4	118,752	3/4	128,913	3/4	139,074	3/4		3/4		3/4		3/4		3/4		3/4	
10	108,802	10	118,963	10	129,125	10	139,286	10		10		10		10		10		10	
1/4	109,014	1/4	119,175	1/4	129,336	1/4	139,498	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,225	1/2	119,387	1/2	129,548	1/2	139,709	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,437	3/4	119,598	3/4	129,760	3/4	139,921	3/4		3/4		3/4		3/4		3/4		3/4	
11	109,649	11	119,810	11	129,971	11	140,133	11		11		11		11		11		11	
1/4	109,861	1/4	120,022	1/4	130,183	1/4	140,344	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,072	1/2	120,233	1/2	130,395	1/2	140,556	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,284	3/4	120,445	3/4	130,606	3/4	140,768	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2021 CL
CALCULATED: 09/30/2021 CL
PRINTED: 09/30/2021 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021



BARGE "CBC 1114"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 4'-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	0	0	84	0	211	0	322	0		0		0		0		0		0	
1/4	1	1/4	87	1/4	213	1/4	324	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	89	1/2	216	1/2	326	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	92	3/4	219	3/4	327	3/4		3/4		3/4		3/4		3/4		3/4	
1	2	1	94	1	221	1	329	1		1		1		1		1		1	
1/4	3	1/4	97	1/4	224	1/4	331	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4	1/2	99	1/2	226	1/2	332	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5	3/4	102	3/4	229	3/4	334	3/4		3/4		3/4		3/4		3/4		3/4	
2	6	2	104	2	232	2	335	2		2		2		2		2		2	
1/4	8	1/4	107	1/4	234	1/4	336	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	9	1/2	110	1/2	237	1/2	338	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	10	3/4	112	3/4	239	3/4	339	3/4		3/4		3/4		3/4		3/4		3/4	
3	11	3	115	3	242	3	340	3		3		3		3		3		3	
1/4	13	1/4	117	1/4	245	1/4	341	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	14	1/2	120	1/2	247	1/2	342	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	16	3/4	123	3/4	250	3/4	343	3/4		3/4		3/4		3/4		3/4		3/4	
4	17	4	125	4	252	4	344	4		4		4		4		4		4	
1/4	19	1/4	128	1/4	255	1/4	345	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	21	1/2	130	1/2	257	1/2	345	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	22	3/4	133	3/4	260	3/4	346	3/4		3/4		3/4		3/4		3/4		3/4	
5	24	5	136	5	262	5	346	5		5		5		5		5		5	
1/4	26	1/4	138	1/4	264	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	28	1/2	141	1/2	267	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	30	3/4	144	3/4	269	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	31	6	146	6	272	6		6		6		6		6		6		6	
1/4	33	1/4	149	1/4	274	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	152	1/2	276	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37	3/4	154	3/4	279	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	39	7	157	7	281	7		7		7		7		7		7		7	
1/4	41	1/4	160	1/4	283	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	43	1/2	162	1/2	286	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	46	3/4	165	3/4	288	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	48	8	168	8	290	8		8		8		8		8		8		8	
1/4	50	1/4	171	1/4	292	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	173	1/2	295	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	176	3/4	297	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	56	9	179	9	299	9		9		9		9		9		9		9	
1/4	59	1/4	181	1/4	301	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	184	1/2	303	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	63	3/4	187	3/4	305	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	65	10	189	10	307	10		10		10		10		10		10		10	
1/4	68	1/4	192	1/4	309	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	70	1/2	195	1/2	311	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72	3/4	197	3/4	313	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	75	11	200	11	315	11		11		11		11		11		11		11	
1/4	77	1/4	203	1/4	317	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	80	1/2	205	1/2	319	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	82	3/4	208	3/4	321	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 09/29/2021 CL
CALCULATED: 09/30/2021 CL
PRINTED: 09/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1114"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 165'-09"

September 30, 2021

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

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BARGE "CBC 1114"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	139,135	0	130,093	0	121,051	0	112,009	0	101,602	0	91,044	0	80,482	0	69,946		
1/4	1/4	1/4	1/4	1/4	138,947	1/4	129,905	1/4	120,863	1/4	111,821	1/4	101,382	1/4	90,824	1/4	80,262	1/4	69,727		
1/2	1/2	1/2	1/2	1/2	138,759	1/2	129,717	1/2	120,675	1/2	111,633	1/2	101,162	1/2	90,604	1/2	80,042	1/2	69,507		
3/4	3/4	3/4	3/4	3/4	146,698	3/4	138,570	3/4	129,528	3/4	120,486	3/4	111,444	3/4	100,942	3/4	90,384	3/4	79,822	3/4	69,288
1	1	1	1	1	146,688	1	138,382	1	129,340	1	120,298	1	111,256	1	100,723	1	90,164	1	79,602	1	69,069
1/4	1/4	1/4	1/4	1/4	146,633	1/4	138,193	1/4	129,151	1/4	120,109	1/4	111,036	1/4	100,503	1/4	89,944	1/4	79,382	1/4	68,849
1/2	1/2	1/2	1/2	1/2	146,578	1/2	138,005	1/2	128,963	1/2	119,921	1/2	110,816	1/2	100,283	1/2	89,724	1/2	79,161	1/2	68,629
3/4	3/4	3/4	3/4	3/4	146,523	3/4	137,817	3/4	128,775	3/4	119,733	3/4	110,596	3/4	100,063	3/4	89,504	3/4	78,941	3/4	68,409
2	2	2	2	2	146,468	2	137,628	2	128,586	2	119,544	2	110,376	2	99,843	2	89,284	2	78,721	2	68,189
1/4	1/4	1/4	1/4	1/4	146,339	1/4	137,440	1/4	128,398	1/4	119,356	1/4	110,156	1/4	99,624	1/4	89,064	1/4	78,501	1/4	67,969
1/2	1/2	1/2	1/2	1/2	146,211	1/2	137,252	1/2	128,210	1/2	119,168	1/2	109,936	1/2	99,404	1/2	88,844	1/2	78,281	1/2	67,749
3/4	3/4	3/4	3/4	3/4	146,082	3/4	137,063	3/4	128,021	3/4	118,979	3/4	109,715	3/4	99,184	3/4	88,624	3/4	78,061	3/4	67,530
3	3	3	3	3	145,953	3	136,875	3	127,833	3	118,791	3	109,495	3	98,964	3	88,404	3	77,841	3	67,310
1/4	1/4	1/4	1/4	1/4	145,754	1/4	136,686	1/4	127,644	1/4	118,602	1/4	109,276	1/4	98,744	1/4	88,184	1/4	77,622	1/4	67,090
1/2	1/2	1/2	1/2	1/2	145,555	1/2	136,498	1/2	127,456	1/2	118,414	1/2	109,056	1/2	98,524	1/2	87,963	1/2	77,403	1/2	66,870
3/4	3/4	3/4	3/4	3/4	145,356	3/4	136,310	3/4	127,268	3/4	118,226	3/4	108,836	3/4	98,305	3/4	87,743	3/4	77,183	3/4	66,650
4	4	4	4	4	145,157	4	136,121	4	127,079	4	118,037	4	108,616	4	98,085	4	87,523	4	76,964	4	66,430
1/4	1/4	1/4	1/4	1/4	144,970	1/4	135,933	1/4	126,891	1/4	117,849	1/4	108,397	1/4	97,865	1/4	87,303	1/4	76,745	1/4	66,210
1/2	1/2	1/2	1/2	1/2	144,783	1/2	135,745	1/2	126,703	1/2	117,661	1/2	108,178	1/2	97,645	1/2	87,083	1/2	76,525	1/2	65,990
3/4	3/4	3/4	3/4	3/4	144,596	3/4	135,556	3/4	126,514	3/4	117,472	3/4	107,959	3/4	97,425	3/4	86,863	3/4	76,306	3/4	65,771
5	5	5	5	5	144,409	5	135,368	5	126,326	5	117,284	5	107,740	5	97,206	5	86,643	5	76,087	5	65,551
1/4	1/4	1/4	1/4	1/4	144,221	1/4	135,179	1/4	126,137	1/4	117,095	1/4	107,521	1/4	96,986	1/4	86,423	1/4	75,867	1/4	65,331
1/2	1/2	1/2	1/2	1/2	144,033	1/2	134,991	1/2	125,949	1/2	116,907	1/2	107,302	1/2	96,766	1/2	86,203	1/2	75,648	1/2	65,111
3/4	3/4	3/4	3/4	3/4	143,845	3/4	134,803	3/4	125,761	3/4	116,719	3/4	107,082	3/4	96,545	3/4	85,983	3/4	75,429	3/4	64,891
6	6	6	6	6	143,657	6	134,614	6	125,572	6	116,530	6	106,863	6	96,325	6	85,763	6	75,209	6	64,671
1/4	1/4	1/4	1/4	1/4	143,468	1/4	134,426	1/4	125,384	1/4	116,342	1/4	106,644	1/4	96,105	1/4	85,543	1/4	74,990	1/4	64,451
1/2	1/2	1/2	1/2	1/2	143,280	1/2	134,238	1/2	125,196	1/2	116,154	1/2	106,425	1/2	95,885	1/2	85,323	1/2	74,771	1/2	64,231
3/4	3/4	3/4	3/4	3/4	143,091	3/4	134,049	3/4	125,007	3/4	115,965	3/4	106,206	3/4	95,665	3/4	85,103	3/4	74,552	3/4	64,012
7	7	7	7	7	142,903	7	133,861	7	124,819	7	115,777	7	105,987	7	95,445	7	84,883	7	74,332	7	63,792
1/4	1/4	1/4	1/4	1/4	142,714	1/4	133,672	1/4	124,630	1/4	115,588	1/4	105,768	1/4	95,225	1/4	84,663	1/4	74,113	1/4	63,572
1/2	1/2	1/2	1/2	1/2	142,526	1/2	133,484	1/2	124,442	1/2	115,400	1/2	105,549	1/2	95,005	1/2	84,443	1/2	73,894	1/2	63,352
3/4	3/4	3/4	3/4	3/4	142,338	3/4	133,296	3/4	124,254	3/4	115,212	3/4	105,330	3/4	94,785	3/4	84,223	3/4	73,674	3/4	63,132
8	8	8	8	8	142,149	8	133,107	8	124,065	8	115,023	8	105,110	8	94,565	8	84,003	8	73,455	8	62,912
1/4	1/4	1/4	1/4	1/4	141,961	1/4	132,919	1/4	123,877	1/4	114,835	1/4	104,891	1/4	94,345	1/4	83,783	1/4	73,236	1/4	62,692
1/2	1/2	1/2	1/2	1/2	141,772	1/2	132,731	1/2	123,689	1/2	114,647	1/2	104,672	1/2	94,125	1/2	83,562	1/2	73,016	1/2	62,472
3/4	3/4	3/4	3/4	3/4	141,584	3/4	132,542	3/4	123,500	3/4	114,458	3/4	104,453	3/4	93,905	3/4	83,342	3/4	72,797	3/4	62,252
9	9	9	9	9	141,396	9	132,354	9	123,312	9	114,270	9	104,234	9	93,685	9	83,122	9	72,578	9	62,032
1/4	1/4	1/4	1/4	1/4	141,207	1/4	132,165	1/4	123,123	1/4	114,081	1/4	104,015	1/4	93,465	1/4	82,902	1/4	72,358	1/4	61,812
1/2	1/2	1/2	1/2	1/2	141,019	1/2	131,977	1/2	122,935	1/2	113,893	1/2	103,796	1/2	93,245	1/2	82,682	1/2	72,139	1/2	61,592
3/4	3/4	3/4	3/4	3/4	140,831	3/4	131,789	3/4	122,747	3/4	113,705	3/4	103,577	3/4	93,025	3/4	82,462	3/4	71,920	3/4	61,372
10	10	10	10	10	140,642	10	131,600	10	122,558	10	113,516	10	103,358	10	92,805	10	82,242	10	71,701	10	61,152
1/4	1/4	1/4	1/4	1/4	140,454	1/4	131,412	1/4	122,370	1/4	113,328	1/4	103,139	1/4	92,585	1/4	82,022	1/4	71,481	1/4	60,932
1/2	1/2	1/2	1/2	1/2	140,266	1/2	131,224	1/2	122,182	1/2	113,140	1/2	102,919	1/2	92,364	1/2	81,802	1/2	71,262	1/2	60,712
3/4	3/4	3/4	3/4	3/4	140,077	3/4	131,035	3/4	121,993	3/4	112,951	3/4	102,700	3/4	92,144	3/4	81,582	3/4	71,043	3/4	60,492
11	11	11	11	11	139,889	11	130,847	11	121,805	11	112,763	11	102,481	11	91,924	11	81,362	11	70,823	11	60,272
1/4	1/4	1/4	1/4	1/4	139,700	1/4	130,658	1/4	121,616	1/4	112,574	1/4	102,261	1/4	91,704	1/4	81,142	1/4	70,604	1/4	60,052
1/2	1/2	1/2	1/2	1/2	139,512	1/2	130,470	1/2	121,428	1/2	112,386	1/2	102,042	1/2	91,484	1/2	80,922	1/2	70,385	1/2	59,832
3/4	3/4	3/4	3/4	3/4	139,324	3/4	130,282	3/4	121,240	3/4	112,198	3/4	101,822	3/4	91,264	3/4	80,702	3/4	70,165	3/4	59,612

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 "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 25'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "CBC 1114"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	59,392	0	48,833	0	38,273	0	27,886	0	17,379	0	6,788	0		0		0		0	
1/4	59,172	1/4	48,613	1/4	38,053	1/4	27,672	1/4	17,158	1/4	6,568	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,952	1/2	48,393	1/2	37,833	1/2	27,459	1/2	16,938	1/2	6,347	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,732	3/4	48,173	3/4	37,613	3/4	27,245	3/4	16,717	3/4	6,126	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	58,512	1	47,953	1	37,393	1	27,031	1	16,496	1	5,906	1	1	1	1	1	1	1	1
1/4	58,292	1/4	47,733	1/4	37,173	1/4	26,818	1/4	16,276	1/4	5,685	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,072	1/2	47,513	1/2	36,953	1/2	26,604	1/2	16,055	1/2	5,464	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,852	3/4	47,293	3/4	36,733	3/4	26,390	3/4	15,834	3/4	5,244	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	57,632	2	47,073	2	36,513	2	26,177	2	15,614	2	5,023	2	2	2	2	2	2	2	2
1/4	57,412	1/4	46,853	1/4	36,293	1/4	25,963	1/4	15,393	1/4	4,802	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,192	1/2	46,633	1/2	36,073	1/2	25,749	1/2	15,172	1/2	4,582	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,972	3/4	46,413	3/4	35,853	3/4	25,536	3/4	14,952	3/4	4,361	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	56,752	3	46,193	3	35,633	3	25,322	3	14,731	3	4,140	3	3	3	3	3	3	3	3
1/4	56,532	1/4	45,973	1/4	35,413	1/4	25,101	1/4	14,511	1/4	3,920	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,312	1/2	45,753	1/2	35,193	1/2	24,881	1/2	14,290	1/2	3,699	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,092	3/4	45,533	3/4	34,973	3/4	24,660	3/4	14,069	3/4	3,479	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	55,872	4	45,313	4	34,753	4	24,439	4	13,849	4	3,258	4	4	4	4	4	4	4	4
1/4	55,652	1/4	45,093	1/4	34,533	1/4	24,219	1/4	13,628	1/4	3,038	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,432	1/2	44,873	1/2	34,313	1/2	23,998	1/2	13,407	1/2	2,818	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,212	3/4	44,653	3/4	34,093	3/4	23,777	3/4	13,187	3/4	2,598	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	54,992	5	44,433	5	33,873	5	23,557	5	12,966	5	2,378	5	5	5	5	5	5	5	5
1/4	54,772	1/4	44,213	1/4	33,653	1/4	23,336	1/4	12,745	1/4	2,159	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,552	1/2	43,993	1/2	33,444	1/2	23,115	1/2	12,525	1/2	1,940	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,332	3/4	43,773	3/4	33,229	3/4	22,895	3/4	12,304	3/4	1,722	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	54,112	6	43,553	6	33,015	6	22,674	6	12,083	6	1,503	6	6	6	6	6	6	6	6
1/4	53,892	1/4	43,333	1/4	32,800	1/4	22,453	1/4	11,863	1/4	1,319	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,672	1/2	43,113	1/2	32,586	1/2	22,233	1/2	11,642	1/2	1,135	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,452	3/4	42,893	3/4	32,371	3/4	22,012	3/4	11,422	3/4	952	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	53,232	7	42,673	7	32,157	7	21,792	7	11,201	7	768	7	7	7	7	7	7	7	7
1/4	53,012	1/4	42,453	1/4	31,943	1/4	21,571	1/4	10,980	1/4	658	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,792	1/2	42,233	1/2	31,730	1/2	21,350	1/2	10,760	1/2	547	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,572	3/4	42,013	3/4	31,516	3/4	21,130	3/4	10,539	3/4	437	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	52,352	8	41,793	8	31,303	8	20,909	8	10,318	8	327	8	8	8	8	8	8	8	8
1/4	52,132	1/4	41,573	1/4	31,089	1/4	20,688	1/4	10,098	1/4	290	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,912	1/2	41,353	1/2	30,876	1/2	20,468	1/2	9,877	1/2	253	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,692	3/4	41,133	3/4	30,662	3/4	20,247	3/4	9,656	3/4	217	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	51,472	9	40,913	9	30,449	9	20,026	9	9,436	9	180	9	9	9	9	9	9	9	9
1/4	51,252	1/4	40,693	1/4	30,235	1/4	19,806	1/4	9,215	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,032	1/2	40,473	1/2	30,022	1/2	19,585	1/2	8,995	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,812	3/4	40,253	3/4	29,808	3/4	19,365	3/4	8,774	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	50,593	10	40,033	10	29,595	10	19,144	10	8,553	10	10	10	10	10	10	10	10	10	10
1/4	50,373	1/4	39,813	1/4	29,381	1/4	18,923	1/4	8,333	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,153	1/2	39,593	1/2	29,168	1/2	18,703	1/2	8,112	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,933	3/4	39,373	3/4	28,955	3/4	18,482	3/4	7,891	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	49,713	11	39,153	11	28,741	11	18,261	11	7,671	11	11	11	11	11	11	11	11	11	11
1/4	49,493	1/4	38,933	1/4	28,527	1/4	18,041	1/4	7,450	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,273	1/2	38,713	1/2	28,314	1/2	17,820	1/2	7,229	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,053	3/4	38,493	3/4	28,100	3/4	17,599	3/4	7,009	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: 09/29/2021 CL
CALCULATED: 09/30/2021 CL
PRINTED: 09/30/2021 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021



BARGE "CBC 1114"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	166,171	0	156,094	0	144,565	0	133,036	0	121,507	0	109,978	0	98,449	0	86,919	0	75,390
1/4	1/4	1/4	166,161	1/4	155,854	1/4	144,325	1/4	132,796	1/4	121,267	1/4	109,737	1/4	98,208	1/4	86,679	1/4	75,150
1/2	1/2	1/2	166,101	1/2	155,614	1/2	144,085	1/2	132,555	1/2	121,026	1/2	109,497	1/2	97,968	1/2	86,439	1/2	74,910
3/4	3/4	3/4	166,041	3/4	155,374	3/4	143,844	3/4	132,315	3/4	120,786	3/4	109,257	3/4	97,728	3/4	86,199	3/4	74,670
1	1	1	165,981	1	155,133	1	143,604	1	132,075	1	120,546	1	109,017	1	97,488	1	85,959	1	74,430
1/4	1/4	1/4	165,921	1/4	154,893	1/4	143,364	1/4	131,835	1/4	120,306	1/4	108,777	1/4	97,248	1/4	85,719	1/4	74,189
1/2	1/2	1/2	165,781	1/2	154,653	1/2	143,124	1/2	131,595	1/2	120,066	1/2	108,537	1/2	97,007	1/2	85,478	1/2	73,949
3/4	3/4	3/4	165,640	3/4	154,413	3/4	142,884	3/4	131,355	3/4	119,825	3/4	108,296	3/4	96,767	3/4	85,238	3/4	73,709
2	2	2	165,500	2	154,173	2	142,643	2	131,114	2	119,585	2	108,056	2	96,527	2	84,998	2	73,469
1/4	1/4	1/4	165,360	1/4	153,932	1/4	142,403	1/4	130,874	1/4	119,345	1/4	107,816	1/4	96,287	1/4	84,758	1/4	73,229
1/2	1/2	1/2	165,143	1/2	153,692	1/2	142,163	1/2	130,634	1/2	119,105	1/2	107,576	1/2	96,047	1/2	84,518	1/2	72,988
3/4	3/4	3/4	164,927	3/4	153,452	3/4	141,923	3/4	130,394	3/4	118,865	3/4	107,336	3/4	95,806	3/4	84,277	3/4	72,748
3	3	3	164,710	3	153,212	3	141,683	3	130,154	3	118,624	3	107,095	3	95,566	3	84,037	3	72,508
1/4	1/4	1/4	164,493	1/4	152,972	1/4	141,443	1/4	129,913	1/4	118,384	1/4	106,855	1/4	95,326	1/4	83,797	1/4	72,268
1/2	1/2	1/2	164,254	1/2	152,731	1/2	141,202	1/2	129,673	1/2	118,144	1/2	106,615	1/2	95,086	1/2	83,557	1/2	72,028
3/4	3/4	3/4	164,016	3/4	152,491	3/4	140,962	3/4	129,433	3/4	117,904	3/4	106,375	3/4	94,846	3/4	83,317	3/4	71,788
4	4	4	163,777	4	152,251	4	140,722	4	129,193	4	117,664	4	106,135	4	94,606	4	83,076	4	71,547
1/4	1/4	1/4	163,539	1/4	152,011	1/4	140,482	1/4	128,953	1/4	117,424	1/4	105,894	1/4	94,365	1/4	82,836	1/4	71,307
1/2	1/2	1/2	163,299	1/2	151,771	1/2	140,242	1/2	128,712	1/2	117,183	1/2	105,654	1/2	94,125	1/2	82,596	1/2	71,067
3/4	3/4	3/4	163,059	3/4	151,530	3/4	140,001	3/4	128,472	3/4	116,943	3/4	105,414	3/4	93,885	3/4	82,356	3/4	70,827
5	5	5	162,819	5	151,290	5	139,761	5	128,232	5	116,703	5	105,174	5	93,645	5	82,116	5	70,587
1/4	1/4	1/4	162,579	1/4	151,050	1/4	139,521	1/4	127,992	1/4	116,463	1/4	104,934	1/4	93,405	1/4	81,875	1/4	70,346
1/2	1/2	1/2	162,339	1/2	150,810	1/2	139,281	1/2	127,752	1/2	116,223	1/2	104,694	1/2	93,164	1/2	81,635	1/2	70,106
3/4	3/4	3/4	162,099	3/4	150,570	3/4	139,041	3/4	127,512	3/4	115,982	3/4	104,453	3/4	92,924	3/4	81,395	3/4	69,866
6	6	6	161,859	6	150,330	6	138,800	6	127,271	6	115,742	6	104,213	6	92,684	6	81,155	6	69,626
1/4	1/4	1/4	161,618	1/4	150,089	1/4	138,560	1/4	127,031	1/4	115,502	1/4	103,973	1/4	92,444	1/4	80,915	1/4	69,386
1/2	1/2	1/2	161,378	1/2	149,849	1/2	138,320	1/2	126,791	1/2	115,262	1/2	103,733	1/2	92,204	1/2	80,675	1/2	69,145
3/4	3/4	3/4	161,138	3/4	149,609	3/4	138,080	3/4	126,551	3/4	115,022	3/4	103,493	3/4	91,963	3/4	80,434	3/4	68,905
7	7	7	160,898	7	149,369	7	137,840	7	126,311	7	114,781	7	103,252	7	91,723	7	80,194	7	68,665
1/4	1/4	1/4	160,658	1/4	149,129	1/4	137,599	1/4	126,070	1/4	114,541	1/4	103,012	1/4	91,483	1/4	79,954	1/4	68,425
1/2	1/2	1/2	160,417	1/2	148,888	1/2	137,359	1/2	125,830	1/2	114,301	1/2	102,772	1/2	91,243	1/2	79,714	1/2	68,185
3/4	3/4	3/4	160,177	3/4	148,648	3/4	137,119	3/4	125,590	3/4	114,061	3/4	102,532	3/4	91,003	3/4	79,474	3/4	67,944
8	8	8	159,937	8	148,408	8	136,879	8	125,350	8	113,821	8	102,292	8	90,763	8	79,233	8	67,704
1/4	1/4	1/4	159,697	1/4	148,168	1/4	136,639	1/4	125,110	1/4	113,581	1/4	102,051	1/4	90,522	1/4	78,993	1/4	67,464
1/2	1/2	1/2	159,457	1/2	147,928	1/2	136,399	1/2	124,869	1/2	113,340	1/2	101,811	1/2	90,282	1/2	78,753	1/2	67,224
3/4	3/4	3/4	159,217	3/4	147,687	3/4	136,158	3/4	124,629	3/4	113,100	3/4	101,571	3/4	90,042	3/4	78,513	3/4	66,984
9	9	9	158,976	9	147,447	9	135,918	9	124,389	9	112,860	9	101,331	9	89,802	9	78,273	9	66,744
1/4	1/4	1/4	158,736	1/4	147,207	1/4	135,678	1/4	124,149	1/4	112,620	1/4	101,091	1/4	89,562	1/4	78,032	1/4	66,503
1/2	1/2	1/2	158,496	1/2	146,967	1/2	135,438	1/2	123,909	1/2	112,380	1/2	100,850	1/2	89,321	1/2	77,792	1/2	66,263
3/4	3/4	3/4	158,256	3/4	146,727	3/4	135,198	3/4	123,668	3/4	112,139	3/4	100,610	3/4	89,081	3/4	77,552	3/4	66,023
10	10	10	158,016	10	146,486	10	134,957	10	123,428	10	111,899	10	100,370	10	88,841	10	77,312	10	65,783
1/4	1/4	1/4	157,775	1/4	146,246	1/4	134,717	1/4	123,188	1/4	111,659	1/4	100,130	1/4	88,601	1/4	77,072	1/4	65,543
1/2	1/2	1/2	157,535	1/2	146,006	1/2	134,477	1/2	122,948	1/2	111,419	1/2	99,890	1/2	88,361	1/2	76,832	1/2	65,302
3/4	3/4	3/4	157,295	3/4	145,766	3/4	134,237	3/4	122,708	3/4	111,179	3/4	99,650	3/4	88,120	3/4	76,591	3/4	65,062
11	11	11	157,055	11	145,526	11	133,997	11	122,468	11	110,938	11	99,409	11	87,880	11	76,351	11	64,822
1/4	1/4	1/4	156,815	1/4	145,286	1/4	133,756	1/4	122,227	1/4	110,698	1/4	99,169	1/4	87,640	1/4	76,111	1/4	64,582
1/2	1/2	1/2	156,574	1/2	145,045	1/2	133,516	1/2	121,987	1/2	110,458	1/2	98,929	1/2	87,400	1/2	75,871	1/2	64,342
3/4	3/4	3/4	156,334	3/4	144,805	3/4	133,276	3/4	121,747	3/4	110,218	3/4	98,689	3/4	87,160	3/4	75,631	3/4	64,101

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 "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD.

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 1114"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	63,861	0	52,332	0	40,803	0	29,496	0	18,032	0	6,504	0		0		0		0	
1/4	63,621	1/4	52,092	1/4	40,563	1/4	29,263	1/4	17,792	1/4	6,263	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,381	1/2	51,852	1/2	40,323	1/2	29,030	1/2	17,552	1/2	6,023	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,141	3/4	51,612	3/4	40,082	3/4	28,797	3/4	17,312	3/4	5,783	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	62,901	1	51,371	1	39,842	1	28,564	1	17,072	1	5,543	1	1	1	1	1	1	1	1
1/4	62,660	1/4	51,131	1/4	39,602	1/4	28,331	1/4	16,831	1/4	5,303	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,420	1/2	50,891	1/2	39,362	1/2	28,098	1/2	16,591	1/2	5,063	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,180	3/4	50,651	3/4	39,122	3/4	27,865	3/4	16,351	3/4	4,823	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	61,940	2	50,411	2	38,882	2	27,632	2	16,111	2	4,582	2	2	2	2	2	2	2	2
1/4	61,700	1/4	50,170	1/4	38,641	1/4	27,399	1/4	15,871	1/4	4,342	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,459	1/2	49,930	1/2	38,401	1/2	27,159	1/2	15,631	1/2	4,102	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,219	3/4	49,690	3/4	38,161	3/4	26,919	3/4	15,390	3/4	3,862	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	60,979	3	49,450	3	37,921	3	26,679	3	15,150	3	3,622	3	3	3	3	3	3	3	3
1/4	60,739	1/4	49,210	1/4	37,681	1/4	26,439	1/4	14,910	1/4	3,382	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,499	1/2	48,970	1/2	37,440	1/2	26,199	1/2	14,670	1/2	3,142	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,258	3/4	48,729	3/4	37,200	3/4	25,958	3/4	14,430	3/4	2,903	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	60,018	4	48,489	4	36,960	4	25,718	4	14,189	4	2,663	4	4	4	4	4	4	4	4
1/4	59,778	1/4	48,249	1/4	36,720	1/4	25,478	1/4	13,949	1/4	2,424	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,538	1/2	48,009	1/2	36,487	1/2	25,238	1/2	13,709	1/2	2,185	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,298	3/4	47,769	3/4	36,253	3/4	24,998	3/4	13,469	3/4	1,947	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	59,057	5	47,528	5	36,020	5	24,757	5	13,229	5	1,709	5	5	5	5	5	5	5	5
1/4	58,817	1/4	47,288	1/4	35,787	1/4	24,517	1/4	12,989	1/4	1,471	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,577	1/2	47,048	1/2	35,554	1/2	24,277	1/2	12,748	1/2	1,271	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,337	3/4	46,808	3/4	35,321	3/4	24,037	3/4	12,508	3/4	1,071	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	58,097	6	46,568	6	35,088	6	23,797	6	12,268	6	871	6	6	6	6	6	6	6	6
1/4	57,857	1/4	46,327	1/4	34,854	1/4	23,557	1/4	12,028	1/4	671	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,616	1/2	46,087	1/2	34,621	1/2	23,316	1/2	11,788	1/2	551	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,376	3/4	45,847	3/4	34,388	3/4	23,076	3/4	11,547	3/4	431	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	57,136	7	45,607	7	34,155	7	22,836	7	11,307	7	311	7	7	7	7	7	7	7	7
1/4	56,896	1/4	45,367	1/4	33,922	1/4	22,596	1/4	11,067	1/4	191	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,656	1/2	45,126	1/2	33,690	1/2	22,356	1/2	10,827	1/2	151	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,415	3/4	44,886	3/4	33,457	3/4	22,115	3/4	10,587	3/4	111	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	56,175	8	44,646	8	33,224	8	21,875	8	10,347	8	71	8	8	8	8	8	8	8	8
1/4	55,935	1/4	44,406	1/4	32,991	1/4	21,635	1/4	10,106	1/4	31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,695	1/2	44,166	1/2	32,758	1/2	21,395	1/2	9,866	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,455	3/4	43,926	3/4	32,525	3/4	21,155	3/4	9,626	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	55,214	9	43,685	9	32,292	9	20,915	9	9,386	9		9	9	9	9	9	9	9	9
1/4	54,974	1/4	43,445	1/4	32,059	1/4	20,674	1/4	9,146	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,734	1/2	43,205	1/2	31,826	1/2	20,434	1/2	8,905	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,494	3/4	42,965	3/4	31,593	3/4	20,194	3/4	8,665	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	54,254	10	42,725	10	31,360	10	19,954	10	8,425	10		10	10	10	10	10	10	10	10
1/4	54,013	1/4	42,484	1/4	31,127	1/4	19,714	1/4	8,185	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,773	1/2	42,244	1/2	30,894	1/2	19,473	1/2	7,945	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,533	3/4	42,004	3/4	30,661	3/4	19,233	3/4	7,705	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	53,293	11	41,764	11	30,428	11	18,993	11	7,464	11		11	11	11	11	11	11	11	11
1/4	53,053	1/4	41,524	1/4	30,195	1/4	18,753	1/4	7,224	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,813	1/2	41,283	1/2	29,962	1/2	18,513	1/2	6,984	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,572	3/4	41,043	3/4	29,729	3/4	18,273	3/4	6,744	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: 09/29/2021 CL
CALCULATED: 09/30/2021 CL
PRINTED: 09/30/2021 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021



BARGE "CBC 1114"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	138,439	0	128,278	0	118,117	0	107,955	0	97,794	0	87,633	0	77,472	0	67,310		
1/4	1/4	1/4	1/4	1/4	138,227	1/4	128,066	1/4	117,905	1/4	107,744	1/4	97,582	1/4	87,421	1/4	77,260	1/4	67,099		
1/2	1/2	1/2	1/2	1/2	138,016	1/2	127,854	1/2	117,693	1/2	107,532	1/2	97,371	1/2	87,209	1/2	77,048	1/2	66,887		
3/4	3/4	3/4	3/4	3/4	146,685	3/4	137,804	3/4	127,643	3/4	117,481	3/4	107,320	3/4	97,159	3/4	86,998	3/4	76,836	3/4	66,675
1	1	1	1	1	146,676	1	137,592	1	127,431	1	117,270	1	107,109	1	96,947	1	86,786	1	76,625	1	66,464
1/4	1/4	1/4	1/4	1/4	146,624	1/4	137,381	1/4	127,219	1/4	117,058	1/4	106,897	1/4	96,736	1/4	86,574	1/4	76,413	1/4	66,252
1/2	1/2	1/2	1/2	1/2	146,571	1/2	137,169	1/2	127,008	1/2	116,846	1/2	106,685	1/2	96,524	1/2	86,363	1/2	76,201	1/2	66,040
3/4	3/4	3/4	3/4	3/4	146,518	3/4	136,957	3/4	126,796	3/4	116,635	3/4	106,473	3/4	96,312	3/4	86,151	3/4	75,990	3/4	65,828
2	2	2	2	2	146,465	2	136,746	2	126,584	2	116,423	2	106,262	2	96,101	2	85,939	2	75,778	2	65,617
1/4	1/4	1/4	1/4	1/4	146,341	1/4	136,534	1/4	126,373	1/4	116,211	1/4	106,050	1/4	95,889	1/4	85,728	1/4	75,566	1/4	65,405
1/2	1/2	1/2	1/2	1/2	146,218	1/2	136,322	1/2	126,161	1/2	116,000	1/2	105,838	1/2	95,677	1/2	85,516	1/2	75,355	1/2	65,193
3/4	3/4	3/4	3/4	3/4	146,095	3/4	136,110	3/4	125,949	3/4	115,788	3/4	105,627	3/4	95,465	3/4	85,304	3/4	75,143	3/4	64,982
3	3	3	3	3	145,971	3	135,899	3	125,737	3	115,576	3	105,415	3	95,254	3	85,093	3	74,931	3	64,770
1/4	1/4	1/4	1/4	1/4	145,780	1/4	135,687	1/4	125,526	1/4	115,365	1/4	105,203	1/4	95,042	1/4	84,881	1/4	74,720	1/4	64,558
1/2	1/2	1/2	1/2	1/2	145,589	1/2	135,475	1/2	125,314	1/2	115,153	1/2	104,992	1/2	94,830	1/2	84,669	1/2	74,508	1/2	64,347
3/4	3/4	3/4	3/4	3/4	145,398	3/4	135,264	3/4	125,102	3/4	114,941	3/4	104,780	3/4	94,619	3/4	84,457	3/4	74,296	3/4	64,135
4	4	4	4	4	145,207	4	135,052	4	124,891	4	114,729	4	104,568	4	94,407	4	84,246	4	74,084	4	63,923
1/4	1/4	1/4	1/4	1/4	144,996	1/4	134,840	1/4	124,679	1/4	114,518	1/4	104,357	1/4	94,195	1/4	84,034	1/4	73,873	1/4	63,712
1/2	1/2	1/2	1/2	1/2	144,786	1/2	134,629	1/2	124,467	1/2	114,306	1/2	104,145	1/2	93,984	1/2	83,822	1/2	73,661	1/2	63,500
3/4	3/4	3/4	3/4	3/4	144,576	3/4	134,417	3/4	124,256	3/4	114,094	3/4	103,933	3/4	93,772	3/4	83,611	3/4	73,449	3/4	63,288
5	5	5	5	5	144,365	5	134,205	5	124,044	5	113,883	5	103,721	5	93,560	5	83,399	5	73,238	5	63,076
1/4	1/4	1/4	1/4	1/4	144,154	1/4	133,993	1/4	123,832	1/4	113,671	1/4	103,510	1/4	93,349	1/4	83,187	1/4	73,026	1/4	62,865
1/2	1/2	1/2	1/2	1/2	143,943	1/2	133,782	1/2	123,621	1/2	113,459	1/2	103,298	1/2	93,137	1/2	82,976	1/2	72,814	1/2	62,653
3/4	3/4	3/4	3/4	3/4	143,731	3/4	133,570	3/4	123,409	3/4	113,248	3/4	103,086	3/4	92,925	3/4	82,764	3/4	72,603	3/4	62,441
6	6	6	6	6	143,520	6	133,358	6	123,197	6	113,036	6	102,875	6	92,713	6	82,552	6	72,391	6	62,230
1/4	1/4	1/4	1/4	1/4	143,308	1/4	133,147	1/4	122,985	1/4	112,824	1/4	102,663	1/4	92,502	1/4	82,341	1/4	72,179	1/4	62,018
1/2	1/2	1/2	1/2	1/2	143,096	1/2	132,935	1/2	122,774	1/2	112,613	1/2	102,451	1/2	92,290	1/2	82,129	1/2	71,968	1/2	61,806
3/4	3/4	3/4	3/4	3/4	142,885	3/4	132,723	3/4	122,562	3/4	112,401	3/4	102,240	3/4	92,078	3/4	81,917	3/4	71,756	3/4	61,595
7	7	7	7	7	142,673	7	132,512	7	122,350	7	112,189	7	102,028	7	91,867	7	81,705	7	71,544	7	61,383
1/4	1/4	1/4	1/4	1/4	142,461	1/4	132,300	1/4	122,139	1/4	111,977	1/4	101,816	1/4	91,655	1/4	81,494	1/4	71,332	1/4	61,171
1/2	1/2	1/2	1/2	1/2	142,250	1/2	132,088	1/2	121,927	1/2	111,766	1/2	101,605	1/2	91,443	1/2	81,282	1/2	71,121	1/2	60,960
3/4	3/4	3/4	3/4	3/4	142,038	3/4	131,877	3/4	121,715	3/4	111,554	3/4	101,393	3/4	91,232	3/4	81,070	3/4	70,909	3/4	60,748
8	8	8	8	8	141,826	8	131,665	8	121,504	8	111,342	8	101,181	8	91,020	8	80,859	8	70,697	8	60,536
1/4	1/4	1/4	1/4	1/4	141,614	1/4	131,453	1/4	121,292	1/4	111,131	1/4	100,969	1/4	90,808	1/4	80,647	1/4	70,486	1/4	60,324
1/2	1/2	1/2	1/2	1/2	141,403	1/2	131,241	1/2	121,080	1/2	110,919	1/2	100,758	1/2	90,597	1/2	80,435	1/2	70,274	1/2	60,113
3/4	3/4	3/4	3/4	3/4	141,191	3/4	131,030	3/4	120,869	3/4	110,707	3/4	100,546	3/4	90,385	3/4	80,224	3/4	70,062	3/4	59,901
9	9	9	9	9	140,979	9	130,818	9	120,657	9	110,496	9	100,334	9	90,173	9	80,012	9	69,851	9	59,689
1/4	1/4	1/4	1/4	1/4	140,768	1/4	130,606	1/4	120,445	1/4	110,284	1/4	100,123	1/4	89,911	1/4	79,800	1/4	69,639	1/4	59,478
1/2	1/2	1/2	1/2	1/2	140,556	1/2	130,395	1/2	120,233	1/2	110,072	1/2	99,911	1/2	89,750	1/2	79,589	1/2	69,427	1/2	59,266
3/4	3/4	3/4	3/4	3/4	140,344	3/4	130,183	3/4	120,022	3/4	109,861	3/4	99,699	3/4	89,538	3/4	79,377	3/4	69,216	3/4	59,054
10	10	10	10	10	140,133	10	129,971	10	119,810	10	109,649	10	99,488	10	89,326	10	79,165	10	69,004	10	58,843
1/4	1/4	1/4	1/4	1/4	139,921	1/4	129,760	1/4	119,598	1/4	109,437	1/4	99,276	1/4	89,115	1/4	78,953	1/4	68,792	1/4	58,631
1/2	1/2	1/2	1/2	1/2	139,709	1/2	129,548	1/2	119,387	1/2	109,225	1/2	99,064	1/2	88,903	1/2	78,742	1/2	68,580	1/2	58,419
3/4	3/4	3/4	3/4	3/4	139,498	3/4	129,336	3/4	119,175	3/4	109,014	3/4	98,853	3/4	88,691	3/4	78,530	3/4	68,369	3/4	58,208
11	11	11	11	11	139,286	11	129,125	11	118,963	11	108,802	11	98,641	11	88,480	11	78,318	11	68,157	11	57,996
1/4	1/4	1/4	1/4	1/4	139,074	1/4	128,913	1/4	118,752	1/4	108,590	1/4	98,429	1/4	88,268	1/4	78,107	1/4	67,945	1/4	57,784
1/2	1/2	1/2	1/2	1/2	138,862	1/2	128,701	1/2	118,540	1/2	108,379	1/2	98,217	1/2	88,056	1/2	77,895	1/2	67,734	1/2	57,572
3/4	3/4	3/4	3/4	3/4	138,651	3/4	128,489	3/4	118,328	3/4	108,167	3/4	98,006	3/4	87,845	3/4	77,683	3/4	67,522	3/4	57,361

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 "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD.

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 1114"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	57,149	0	46,988	0	36,827	0	26,682	0	16,530	0	6,370	0		0		0		0	
1/4	56,937	1/4	46,776	1/4	36,615	1/4	26,471	1/4	16,318	1/4	6,158	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,726	1/2	46,564	1/2	36,403	1/2	26,260	1/2	16,106	1/2	5,947	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,514	3/4	46,353	3/4	36,192	3/4	26,049	3/4	15,895	3/4	5,735	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	56,302	1	46,141	1	35,980	1	25,838	1	15,683	1	5,523	1	1	1	1	1	1	1	1
1/4	56,091	1/4	45,929	1/4	35,768	1/4	25,627	1/4	15,471	1/4	5,312	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,879	1/2	45,718	1/2	35,556	1/2	25,416	1/2	15,260	1/2	5,100	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,667	3/4	45,506	3/4	35,345	3/4	25,204	3/4	15,048	3/4	4,888	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	55,456	2	45,294	2	35,133	2	24,993	2	14,836	2	4,677	2	2	2	2	2	2	2	2
1/4	55,244	1/4	45,083	1/4	34,921	1/4	24,782	1/4	14,625	1/4	4,465	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,032	1/2	44,871	1/2	34,710	1/2	24,571	1/2	14,413	1/2	4,253	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,820	3/4	44,659	3/4	34,498	3/4	24,360	3/4	14,201	3/4	4,042	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	54,609	3	44,448	3	34,286	3	24,149	3	13,990	3	3,830	3	3	3	3	3	3	3	3
1/4	54,397	1/4	44,236	1/4	34,075	1/4	23,938	1/4	13,778	1/4	3,619	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,185	1/2	44,024	1/2	33,863	1/2	23,726	1/2	13,566	1/2	3,407	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,974	3/4	43,812	3/4	33,651	3/4	23,514	3/4	13,355	3/4	3,195	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	53,762	4	43,601	4	33,440	4	23,303	4	13,143	4	2,984	4	4	4	4	4	4	4	4
1/4	53,550	1/4	43,389	1/4	33,228	1/4	23,091	1/4	12,931	1/4	2,773	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,339	1/2	43,177	1/2	33,016	1/2	22,879	1/2	12,720	1/2	2,562	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,127	3/4	42,966	3/4	32,804	3/4	22,668	3/4	12,508	3/4	2,350	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	52,915	5	42,754	5	32,593	5	22,456	5	12,296	5	2,139	5	5	5	5	5	5	5	5
1/4	52,704	1/4	42,542	1/4	32,381	1/4	22,244	1/4	12,085	1/4	1,929	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,492	1/2	42,331	1/2	32,170	1/2	22,033	1/2	11,873	1/2	1,720	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,280	3/4	42,119	3/4	31,959	3/4	21,821	3/4	11,661	3/4	1,510	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	52,068	6	41,907	6	31,748	6	21,609	6	11,450	6	1,300	6	6	6	6	6	6	6	6
1/4	51,857	1/4	41,696	1/4	31,536	1/4	21,398	1/4	11,238	1/4	1,124	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,645	1/2	41,484	1/2	31,325	1/2	21,186	1/2	11,026	1/2	947	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,433	3/4	41,272	3/4	31,114	3/4	20,974	3/4	10,815	3/4	771	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	51,222	7	41,060	7	30,903	7	20,763	7	10,603	7	595	7	7	7	7	7	7	7	7
1/4	51,010	1/4	40,849	1/4	30,692	1/4	20,551	1/4	10,391	1/4	489	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,798	1/2	40,637	1/2	30,481	1/2	20,339	1/2	10,180	1/2	383	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,587	3/4	40,425	3/4	30,270	3/4	20,128	3/4	9,968	3/4	277	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	50,375	8	40,214	8	30,059	8	19,916	8	9,756	8	172	8	8	8	8	8	8	8	8
1/4	50,163	1/4	40,002	1/4	29,847	1/4	19,704	1/4	9,545	1/4	136	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,952	1/2	39,790	1/2	29,636	1/2	19,493	1/2	9,333	1/2	101	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,740	3/4	39,579	3/4	29,425	3/4	19,281	3/4	9,121	3/4	66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	49,528	9	39,367	9	29,214	9	19,069	9	8,910	9	31	9	9	9	9	9	9	9	9
1/4	49,316	1/4	39,155	1/4	29,003	1/4	18,858	1/4	8,698	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,105	1/2	38,944	1/2	28,792	1/2	18,646	1/2	8,486	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,893	3/4	38,732	3/4	28,581	3/4	18,434	3/4	8,275	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	48,681	10	38,520	10	28,370	10	18,223	10	8,063	10	10	10	10	10	10	10	10	10	10
1/4	48,470	1/4	38,308	1/4	28,159	1/4	18,011	1/4	7,851	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,258	1/2	38,097	1/2	27,948	1/2	17,799	1/2	7,640	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,046	3/4	37,885	3/4	27,737	3/4	17,588	3/4	7,428	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
11	47,835	11	37,673	11	27,526	11	17,376	11	7,217	11	11	11	11	11	11	11	11	11	11
1/4	47,623	1/4	37,462	1/4	27,315	1/4	17,164	1/4	7,005	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,411	1/2	37,250	1/2	27,104	1/2	16,953	1/2	6,793	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,200	3/4	37,038	3/4	26,893	3/4	16,741	3/4	6,582	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2021 CL
CALCULATED: 09/30/2021 CL
PRINTED: 09/30/2021 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021