



BARGE "CBC 1113"

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	00-3/4	- 00-3/4	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	00-7/8	- 00-7/8	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 15, 2021

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

<http://www.pmacorp.net>



BARGE "CBC 1113"

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	9,447	0	20,050	0	30,485	0	40,961	0	51,534	0	62,106	0	72,664	0	83,221	0	93,796
1/4	217	1/4	9,668	1/4	20,271	1/4	30,699	1/4	41,182	1/4	51,754	1/4	62,326	1/4	72,884	1/4	83,442	1/4	94,016
1/2	254	1/2	9,889	1/2	20,492	1/2	30,912	1/2	41,402	1/2	51,974	1/2	62,546	1/2	73,103	1/2	83,662	1/2	94,237
3/4	290	3/4	10,110	3/4	20,713	3/4	31,126	3/4	41,622	3/4	52,194	3/4	62,766	3/4	73,323	3/4	83,882	3/4	94,457
1	327	1	10,331	1	20,934	1	31,340	1	41,842	1	52,415	1	62,987	1	73,542	1	84,102	1	94,677
1/4	438	1/4	10,551	1/4	21,155	1/4	31,554	1/4	42,063	1/4	52,635	1/4	63,207	1/4	73,762	1/4	84,323	1/4	94,898
1/2	548	1/2	10,772	1/2	21,376	1/2	31,767	1/2	42,283	1/2	52,855	1/2	63,427	1/2	73,982	1/2	84,543	1/2	95,118
3/4	658	3/4	10,993	3/4	21,596	3/4	31,981	3/4	42,503	3/4	53,075	3/4	63,647	3/4	74,201	3/4	84,763	3/4	95,338
2	769	2	11,214	2	21,817	2	32,195	2	42,723	2	53,296	2	63,868	2	74,421	2	84,984	2	95,559
1/4	953	1/4	11,435	1/4	22,038	1/4	32,410	1/4	42,944	1/4	53,516	1/4	64,088	1/4	74,640	1/4	85,204	1/4	95,779
1/2	1,137	1/2	11,656	1/2	22,259	1/2	32,624	1/2	43,164	1/2	53,736	1/2	64,308	1/2	74,860	1/2	85,424	1/2	95,999
3/4	1,321	3/4	11,877	3/4	22,480	3/4	32,839	3/4	43,384	3/4	53,956	3/4	64,528	3/4	75,079	3/4	85,645	3/4	96,220
3	1,505	3	12,098	3	22,701	3	33,054	3	43,605	3	54,177	3	64,748	3	75,299	3	85,865	3	96,440
1/4	1,724	1/4	12,319	1/4	22,922	1/4	33,269	1/4	43,825	1/4	54,397	1/4	64,968	1/4	75,518	1/4	86,085	1/4	96,660
1/2	1,943	1/2	12,540	1/2	23,143	1/2	33,484	1/2	44,045	1/2	54,617	1/2	65,188	1/2	75,738	1/2	86,306	1/2	96,880
3/4	2,162	3/4	12,760	3/4	23,364	3/4	33,699	3/4	44,265	3/4	54,837	3/4	65,408	3/4	75,958	3/4	86,526	3/4	97,101
4	2,381	4	12,981	4	23,585	4	33,913	4	44,486	4	55,058	4	65,629	4	76,177	4	86,746	4	97,321
1/4	2,601	1/4	13,202	1/4	23,805	1/4	34,134	1/4	44,706	1/4	55,278	1/4	65,849	1/4	76,397	1/4	86,966	1/4	97,541
1/2	2,821	1/2	13,423	1/2	24,026	1/2	34,354	1/2	44,926	1/2	55,498	1/2	66,069	1/2	76,616	1/2	87,187	1/2	97,761
3/4	3,042	3/4	13,644	3/4	24,247	3/4	34,574	3/4	45,146	3/4	55,718	3/4	66,289	3/4	76,836	3/4	87,407	3/4	97,981
5	3,262	5	13,865	5	24,468	5	34,794	5	45,367	5	55,939	5	66,509	5	77,055	5	87,627	5	98,201
1/4	3,483	1/4	14,086	1/4	24,689	1/4	35,015	1/4	45,587	1/4	56,159	1/4	66,729	1/4	77,275	1/4	87,848	1/4	98,422
1/2	3,704	1/2	14,307	1/2	24,910	1/2	35,235	1/2	45,807	1/2	56,379	1/2	66,949	1/2	77,495	1/2	88,068	1/2	98,642
3/4	3,925	3/4	14,528	3/4	25,131	3/4	35,455	3/4	46,027	3/4	56,599	3/4	67,170	3/4	77,714	3/4	88,288	3/4	98,862
6	4,145	6	14,749	6	25,352	6	35,675	6	46,248	6	56,820	6	67,390	6	77,934	6	88,509	6	99,082
1/4	4,366	1/4	14,969	1/4	25,566	1/4	35,896	1/4	46,468	1/4	57,040	1/4	67,610	1/4	78,154	1/4	88,729	1/4	99,302
1/2	4,587	1/2	15,190	1/2	25,780	1/2	36,116	1/2	46,688	1/2	57,260	1/2	67,830	1/2	78,374	1/2	88,949	1/2	99,522
3/4	4,808	3/4	15,411	3/4	25,994	3/4	36,336	3/4	46,908	3/4	57,480	3/4	68,050	3/4	78,595	3/4	89,170	3/4	99,742
7	5,029	7	15,632	7	26,208	7	36,556	7	47,129	7	57,701	7	68,270	7	78,815	7	89,390	7	99,962
1/4	5,250	1/4	15,853	1/4	26,422	1/4	36,777	1/4	47,349	1/4	57,921	1/4	68,490	1/4	79,035	1/4	89,610	1/4	100,182
1/2	5,471	1/2	16,074	1/2	26,636	1/2	36,997	1/2	47,569	1/2	58,141	1/2	68,711	1/2	79,256	1/2	89,831	1/2	100,402
3/4	5,692	3/4	16,295	3/4	26,849	3/4	37,217	3/4	47,789	3/4	58,361	3/4	68,931	3/4	79,476	3/4	90,051	3/4	100,622
8	5,913	8	16,516	8	27,063	8	37,437	8	48,010	8	58,582	8	69,151	8	79,696	8	90,271	8	100,842
1/4	6,134	1/4	16,737	1/4	27,277	1/4	37,658	1/4	48,230	1/4	58,802	1/4	69,371	1/4	79,917	1/4	90,491	1/4	101,062
1/2	6,354	1/2	16,958	1/2	27,491	1/2	37,878	1/2	48,450	1/2	59,022	1/2	69,590	1/2	80,137	1/2	90,712	1/2	101,283
3/4	6,575	3/4	17,178	3/4	27,705	3/4	38,098	3/4	48,670	3/4	59,242	3/4	69,810	3/4	80,357	3/4	90,932	3/4	101,503
9	6,796	9	17,399	9	27,919	9	38,318	9	48,891	9	59,463	9	70,029	9	80,577	9	91,152	9	101,723
1/4	7,017	1/4	17,620	1/4	28,133	1/4	38,539	1/4	49,111	1/4	59,683	1/4	70,249	1/4	80,798	1/4	91,373	1/4	101,943
1/2	7,238	1/2	17,841	1/2	28,347	1/2	38,759	1/2	49,331	1/2	59,903	1/2	70,468	1/2	81,018	1/2	91,593	1/2	102,163
3/4	7,459	3/4	18,062	3/4	28,561	3/4	38,979	3/4	49,551	3/4	60,123	3/4	70,688	3/4	81,238	3/4	91,813	3/4	102,383
10	7,680	10	18,283	10	28,775	10	39,199	10	49,772	10	60,344	10	70,908	10	81,459	10	92,034	10	102,603
1/4	7,901	1/4	18,504	1/4	28,989	1/4	39,420	1/4	49,992	1/4	60,564	1/4	71,127	1/4	81,679	1/4	92,254	1/4	102,822
1/2	8,122	1/2	18,725	1/2	29,203	1/2	39,640	1/2	50,212	1/2	60,784	1/2	71,347	1/2	81,899	1/2	92,474	1/2	103,042
3/4	8,342	3/4	18,946	3/4	29,416	3/4	39,860	3/4	50,432	3/4	61,004	3/4	71,566	3/4	82,120	3/4	92,695	3/4	103,261
11	8,563	11	19,167	11	29,630	11	40,080	11	50,653	11	61,225	11	71,786	11	82,340	11	92,915	11	103,481
1/4	8,784	1/4	19,387	1/4	29,844	1/4	40,301	1/4	50,873	1/4	61,445	1/4	72,005	1/4	82,560	1/4	93,135	1/4	103,700
1/2	9,005	1/2	19,608	1/2	30,058	1/2	40,521	1/2	51,093	1/2	61,665	1/2	72,225	1/2	82,781	1/2	93,355	1/2	103,919
3/4	9,226	3/4	19,829	3/4	30,271	3/4	40,741	3/4	51,313	3/4	61,885	3/4	72,445	3/4	83,001	3/4	93,576	3/4	104,139

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
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BARGE "CBC 1113"

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	104,358	0	114,406	0	123,459	0	132,511	0	141,564	0		0		0		0		0	
1/4	104,577	1/4	114,594	1/4	123,647	1/4	132,700	1/4	141,753	1/4		1/4		1/4		1/4		1/4	
1/2	104,797	1/2	114,783	1/2	123,836	1/2	132,889	1/2	141,941	1/2		1/2		1/2		1/2		1/2	
3/4	105,016	3/4	114,972	3/4	124,024	3/4	133,077	3/4	142,130	3/4		3/4		3/4		3/4		3/4	
1	105,235	1	115,160	1	124,213	1	133,266	1	142,319	1		1		1		1		1	
1/4	105,455	1/4	115,349	1/4	124,402	1/4	133,454	1/4	142,507	1/4		1/4		1/4		1/4		1/4	
1/2	105,674	1/2	115,537	1/2	124,590	1/2	133,643	1/2	142,696	1/2		1/2		1/2		1/2		1/2	
3/4	105,894	3/4	115,726	3/4	124,779	3/4	133,832	3/4	142,884	3/4		3/4		3/4		3/4		3/4	
2	106,113	2	115,915	2	124,967	2	134,020	2	143,073	2		2		2		2		2	
1/4	106,332	1/4	116,103	1/4	125,156	1/4	134,209	1/4	143,262	1/4		1/4		1/4		1/4		1/4	
1/2	106,552	1/2	116,292	1/2	125,345	1/2	134,397	1/2	143,450	1/2		1/2		1/2		1/2		1/2	
3/4	106,771	3/4	116,480	3/4	125,533	3/4	134,586	3/4	143,639	3/4		3/4		3/4		3/4		3/4	
3	106,990	3	116,669	3	125,722	3	134,775	3	143,828	3		3		3		3		3	
1/4	107,210	1/4	116,858	1/4	125,910	1/4	134,963	1/4	144,016	1/4		1/4		1/4		1/4		1/4	
1/2	107,429	1/2	117,046	1/2	126,099	1/2	135,152	1/2	144,204	1/2		1/2		1/2		1/2		1/2	
3/4	107,649	3/4	117,235	3/4	126,288	3/4	135,340	3/4	144,392	3/4		3/4		3/4		3/4		3/4	
4	107,868	4	117,423	4	126,476	4	135,529	4	144,581	4		4		4		4		4	
1/4	108,087	1/4	117,612	1/4	126,665	1/4	135,718	1/4	144,768	1/4		1/4		1/4		1/4		1/4	
1/2	108,307	1/2	117,801	1/2	126,853	1/2	135,906	1/2	144,955	1/2		1/2		1/2		1/2		1/2	
3/4	108,526	3/4	117,989	3/4	127,042	3/4	136,095	3/4	145,142	3/4		3/4		3/4		3/4		3/4	
5	108,745	5	118,178	5	127,231	5	136,283	5	145,329	5		5		5		5		5	
1/4	108,965	1/4	118,366	1/4	127,419	1/4	136,472	1/4	145,529	1/4		1/4		1/4		1/4		1/4	
1/2	109,186	1/2	118,555	1/2	127,608	1/2	136,661	1/2	145,728	1/2		1/2		1/2		1/2		1/2	
3/4	109,406	3/4	118,744	3/4	127,796	3/4	136,849	3/4	145,927	3/4		3/4		3/4		3/4		3/4	
6	109,626	6	118,932	6	127,985	6	137,038	6	146,127	6		6		6		6		6	
1/4	109,846	1/4	119,121	1/4	128,174	1/4	137,226	1/4	146,256	1/4		1/4		1/4		1/4		1/4	
1/2	110,066	1/2	119,309	1/2	128,362	1/2	137,415	1/2	146,384	1/2		1/2		1/2		1/2		1/2	
3/4	110,287	3/4	119,498	3/4	128,551	3/4	137,604	3/4	146,513	3/4		3/4		3/4		3/4		3/4	
7	110,507	7	119,687	7	128,739	7	137,792	7	146,642	7		7		7		7		7	
1/4	110,727	1/4	119,875	1/4	128,928	1/4	137,981	1/4	146,697	1/4		1/4		1/4		1/4		1/4	
1/2	110,948	1/2	120,064	1/2	129,117	1/2	138,169	1/2	146,753	1/2		1/2		1/2		1/2		1/2	
3/4	111,168	3/4	120,252	3/4	129,305	3/4	138,358	3/4	146,809	3/4		3/4		3/4		3/4		3/4	
8	111,388	8	120,441	8	129,494	8	138,547	8	146,865	8		8		8		8		8	
1/4	111,577	1/4	120,630	1/4	129,682	1/4	138,735	1/4	146,921	1/4		1/4		1/4		1/4		1/4	
1/2	111,765	1/2	120,818	1/2	129,871	1/2	138,924	1/2	147,000	1/2		1/2		1/2		1/2		1/2	
3/4	111,954	3/4	121,007	3/4	130,060	3/4	139,112	3/4	147,079	3/4		3/4		3/4		3/4		3/4	
9	112,143	9	121,195	9	130,248	9	139,301	9	147,135	9		9		9		9		9	
1/4	112,331	1/4	121,384	1/4	130,437	1/4	139,490	1/4	147,191	1/4		1/4		1/4		1/4		1/4	
1/2	112,520	1/2	121,573	1/2	130,625	1/2	139,678	1/2	147,247	1/2		1/2		1/2		1/2		1/2	
3/4	112,708	3/4	121,761	3/4	130,814	3/4	139,867	3/4	147,303	3/4		3/4		3/4		3/4		3/4	
10	112,897	10	121,950	10	131,003	10	140,055	10	147,359	10		10		10		10		10	
1/4	113,086	1/4	122,138	1/4	131,191	1/4	140,244	1/4	147,415	1/4		1/4		1/4		1/4		1/4	
1/2	113,274	1/2	122,327	1/2	131,380	1/2	140,433	1/2	147,471	1/2		1/2		1/2		1/2		1/2	
3/4	113,463	3/4	122,516	3/4	131,568	3/4	140,621	3/4	147,527	3/4		3/4		3/4		3/4		3/4	
11	113,651	11	122,704	11	131,757	11	140,810	11	147,583	11		11		11		11		11	
1/4	113,840	1/4	122,893	1/4	131,946	1/4	140,998	1/4	147,639	1/4		1/4		1/4		1/4		1/4	
1/2	114,029	1/2	123,081	1/2	132,134	1/2	141,187	1/2	147,695	1/2		1/2		1/2		1/2		1/2	
3/4	114,217	3/4	123,270	3/4	132,323	3/4	141,376	3/4	147,751	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/15/2021 CL
CALCULATED: 09/15/2021 CL
PRINTED: 09/15/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 1113"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	31	0	10,099	0	21,619	0	32,966	0	44,373	0	55,893	0	67,413	0	78,934	0	90,454	0	101,975
1/4	71	1/4	10,339	1/4	21,859	1/4	33,199	1/4	44,613	1/4	56,133	1/4	67,653	1/4	79,174	1/4	90,694	1/4	102,215
1/2	111	1/2	10,579	1/2	22,099	1/2	33,431	1/2	44,853	1/2	56,373	1/2	67,893	1/2	79,414	1/2	90,934	1/2	102,455
3/4	151	3/4	10,819	3/4	22,339	3/4	33,664	3/4	45,093	3/4	56,613	3/4	68,133	3/4	79,654	3/4	91,174	3/4	102,695
1	191	1	11,059	1	22,579	1	33,897	1	45,333	1	56,853	1	68,373	1	79,894	1	91,414	1	102,935
1/4	311	1/4	11,299	1/4	22,819	1/4	34,130	1/4	45,573	1/4	57,093	1/4	68,613	1/4	80,134	1/4	91,654	1/4	103,175
1/2	430	1/2	11,539	1/2	23,059	1/2	34,363	1/2	45,813	1/2	57,333	1/2	68,853	1/2	80,374	1/2	91,894	1/2	103,415
3/4	550	3/4	11,779	3/4	23,299	3/4	34,595	3/4	46,053	3/4	57,573	3/4	69,093	3/4	80,614	3/4	92,134	3/4	103,655
2	670	2	12,019	2	23,539	2	34,828	2	46,293	2	57,813	2	69,333	2	80,854	2	92,374	2	103,895
1/4	870	1/4	12,259	1/4	23,779	1/4	35,061	1/4	46,533	1/4	58,053	1/4	69,573	1/4	81,094	1/4	92,614	1/4	104,135
1/2	1,070	1/2	12,499	1/2	24,019	1/2	35,294	1/2	46,773	1/2	58,293	1/2	69,813	1/2	81,334	1/2	92,854	1/2	104,375
3/4	1,270	3/4	12,739	3/4	24,259	3/4	35,527	3/4	47,013	3/4	58,533	3/4	70,053	3/4	81,574	3/4	93,094	3/4	104,615
3	1,470	3	12,979	3	24,499	3	35,760	3	47,253	3	58,773	3	70,293	3	81,814	3	93,334	3	104,855
1/4	1,708	1/4	13,219	1/4	24,739	1/4	35,993	1/4	47,493	1/4	59,013	1/4	70,533	1/4	82,054	1/4	93,574	1/4	105,095
1/2	1,946	1/2	13,459	1/2	24,979	1/2	36,226	1/2	47,733	1/2	59,253	1/2	70,774	1/2	82,294	1/2	93,814	1/2	105,335
3/4	2,184	3/4	13,699	3/4	25,219	3/4	36,459	3/4	47,973	3/4	59,493	3/4	71,014	3/4	82,534	3/4	94,054	3/4	105,575
4	2,422	4	13,939	4	25,459	4	36,692	4	48,213	4	59,733	4	71,254	4	82,774	4	94,294	4	105,815
1/4	2,661	1/4	14,179	1/4	25,699	1/4	36,932	1/4	48,453	1/4	59,973	1/4	71,494	1/4	83,014	1/4	94,534	1/4	106,055
1/2	2,900	1/2	14,419	1/2	25,939	1/2	37,172	1/2	48,693	1/2	60,213	1/2	71,734	1/2	83,254	1/2	94,774	1/2	106,295
3/4	3,140	3/4	14,659	3/4	26,179	3/4	37,412	3/4	48,933	3/4	60,453	3/4	71,974	3/4	83,494	3/4	95,014	3/4	106,535
5	3,379	5	14,899	5	26,419	5	37,652	5	49,173	5	60,693	5	72,214	5	83,734	5	95,254	5	106,775
1/4	3,619	1/4	15,139	1/4	26,659	1/4	37,892	1/4	49,413	1/4	60,933	1/4	72,454	1/4	83,974	1/4	95,494	1/4	107,015
1/2	3,859	1/2	15,379	1/2	26,899	1/2	38,132	1/2	49,653	1/2	61,173	1/2	72,694	1/2	84,214	1/2	95,734	1/2	107,255
3/4	4,099	3/4	15,619	3/4	27,139	3/4	38,372	3/4	49,893	3/4	61,413	3/4	72,934	3/4	84,454	3/4	95,974	3/4	107,495
6	4,339	6	15,859	6	27,379	6	38,612	6	50,133	6	61,653	6	73,174	6	84,694	6	96,214	6	107,735
1/4	4,579	1/4	16,099	1/4	27,612	1/4	38,852	1/4	50,373	1/4	61,893	1/4	73,414	1/4	84,934	1/4	96,454	1/4	107,975
1/2	4,819	1/2	16,339	1/2	27,844	1/2	39,092	1/2	50,613	1/2	62,133	1/2	73,654	1/2	85,174	1/2	96,694	1/2	108,215
3/4	5,059	3/4	16,579	3/4	28,077	3/4	39,332	3/4	50,853	3/4	62,373	3/4	73,894	3/4	85,414	3/4	96,934	3/4	108,455
7	5,299	7	16,819	7	28,310	7	39,572	7	51,093	7	62,613	7	74,134	7	85,654	7	97,174	7	108,695
1/4	5,539	1/4	17,059	1/4	28,543	1/4	39,812	1/4	51,333	1/4	62,853	1/4	74,374	1/4	85,894	1/4	97,415	1/4	108,935
1/2	5,779	1/2	17,299	1/2	28,776	1/2	40,052	1/2	51,573	1/2	63,093	1/2	74,614	1/2	86,134	1/2	97,655	1/2	109,175
3/4	6,019	3/4	17,539	3/4	29,008	3/4	40,292	3/4	51,813	3/4	63,333	3/4	74,854	3/4	86,374	3/4	97,895	3/4	109,415
8	6,259	8	17,779	8	29,241	8	40,532	8	52,053	8	63,573	8	75,094	8	86,614	8	98,135	8	109,655
1/4	6,499	1/4	18,019	1/4	29,474	1/4	40,772	1/4	52,293	1/4	63,813	1/4	75,334	1/4	86,854	1/4	98,375	1/4	109,895
1/2	6,739	1/2	18,259	1/2	29,707	1/2	41,012	1/2	52,533	1/2	64,053	1/2	75,574	1/2	87,094	1/2	98,615	1/2	110,135
3/4	6,979	3/4	18,499	3/4	29,940	3/4	41,252	3/4	52,773	3/4	64,293	3/4	75,814	3/4	87,334	3/4	98,855	3/4	110,375
9	7,219	9	18,739	9	30,172	9	41,492	9	53,013	9	64,533	9	76,054	9	87,574	9	99,095	9	110,615
1/4	7,459	1/4	18,979	1/4	30,405	1/4	41,732	1/4	53,253	1/4	64,773	1/4	76,294	1/4	87,814	1/4	99,335	1/4	110,855
1/2	7,699	1/2	19,219	1/2	30,638	1/2	41,972	1/2	53,493	1/2	65,013	1/2	76,534	1/2	88,054	1/2	99,575	1/2	111,095
3/4	7,939	3/4	19,459	3/4	30,871	3/4	42,212	3/4	53,733	3/4	65,253	3/4	76,774	3/4	88,294	3/4	99,815	3/4	111,335
10	8,179	10	19,699	10	31,104	10	42,452	10	53,973	10	65,493	10	77,014	10	88,534	10	100,055	10	111,575
1/4	8,419	1/4	19,939	1/4	31,336	1/4	42,692	1/4	54,213	1/4	65,733	1/4	77,254	1/4	88,774	1/4	100,295	1/4	111,815
1/2	8,659	1/2	20,179	1/2	31,569	1/2	42,932	1/2	54,453	1/2	65,973	1/2	77,494	1/2	89,014	1/2	100,535	1/2	112,055
3/4	8,899	3/4	20,419	3/4	31,802	3/4	43,172	3/4	54,693	3/4	66,213	3/4	77,734	3/4	89,254	3/4	100,775	3/4	112,295
11	9,139	11	20,659	11	32,035	11	43,412	11	54,933	11	66,453	11	77,974	11	89,494	11	101,015	11	112,535
1/4	9,379	1/4	20,899	1/4	32,267	1/4	43,652	1/4	55,173	1/4	66,693	1/4	78,214	1/4	89,734	1/4	101,255	1/4	112,775
1/2	9,619	1/2	21,139	1/2	32,500	1/2	43,892	1/2	55,413	1/2	66,933	1/2	78,454	1/2	89,974	1/2	101,495	1/2	113,015
3/4	9,859	3/4	21,379	3/4	32,733	3/4	44,133	3/4	55,653	3/4	67,173	3/4	78,694	3/4	90,214	3/4	101,735	3/4	113,255

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 "HERMETIC" VALVE.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1113"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	113,495	0	125,016	0	136,536	0	148,056	0	159,577	0		0		0		0		0	
1/4	113,735	1/4	125,256	1/4	136,776	1/4	148,296	1/4	159,817	1/4		1/4		1/4		1/4		1/4	
1/2	113,975	1/2	125,496	1/2	137,016	1/2	148,536	1/2	160,057	1/2		1/2		1/2		1/2		1/2	
3/4	114,215	3/4	125,736	3/4	137,256	3/4	148,776	3/4	160,297	3/4		3/4		3/4		3/4		3/4	
1	114,455	1	125,976	1	137,496	1	149,016	1	160,537	1	1	1	1	1	1	1	1	1	1
1/4	114,695	1/4	126,216	1/4	137,736	1/4	149,256	1/4	160,777	1/4		1/4		1/4		1/4		1/4	
1/2	114,935	1/2	126,456	1/2	137,976	1/2	149,496	1/2	161,017	1/2		1/2		1/2		1/2		1/2	
3/4	115,175	3/4	126,696	3/4	138,216	3/4	149,736	3/4	161,257	3/4		3/4		3/4		3/4		3/4	
2	115,415	2	126,936	2	138,456	2	149,976	2	161,497	2	2	2	2	2	2	2	2	2	2
1/4	115,655	1/4	127,176	1/4	138,696	1/4	150,216	1/4	161,737	1/4		1/4		1/4		1/4		1/4	
1/2	115,895	1/2	127,416	1/2	138,936	1/2	150,456	1/2	161,977	1/2		1/2		1/2		1/2		1/2	
3/4	116,135	3/4	127,656	3/4	139,176	3/4	150,697	3/4	162,217	3/4		3/4		3/4		3/4		3/4	
3	116,375	3	127,896	3	139,416	3	150,937	3	162,457	3	3	3	3	3	3	3	3	3	3
1/4	116,615	1/4	128,136	1/4	139,656	1/4	151,177	1/4	162,697	1/4		1/4		1/4		1/4		1/4	
1/2	116,855	1/2	128,376	1/2	139,896	1/2	151,417	1/2	162,936	1/2		1/2		1/2		1/2		1/2	
3/4	117,095	3/4	128,616	3/4	140,136	3/4	151,657	3/4	163,176	3/4		3/4		3/4		3/4		3/4	
4	117,335	4	128,856	4	140,376	4	151,897	4	163,416	4	4	4	4	4	4	4	4	4	4
1/4	117,575	1/4	129,096	1/4	140,616	1/4	152,137	1/4	163,654	1/4		1/4		1/4		1/4		1/4	
1/2	117,815	1/2	129,336	1/2	140,856	1/2	152,377	1/2	163,892	1/2		1/2		1/2		1/2		1/2	
3/4	118,055	3/4	129,576	3/4	141,096	3/4	152,617	3/4	164,131	3/4		3/4		3/4		3/4		3/4	
5	118,295	5	129,816	5	141,336	5	152,857	5	164,369	5	5	5	5	5	5	5	5	5	5
1/4	118,535	1/4	130,056	1/4	141,576	1/4	153,097	1/4	164,586	1/4		1/4		1/4		1/4		1/4	
1/2	118,775	1/2	130,296	1/2	141,816	1/2	153,337	1/2	164,803	1/2		1/2		1/2		1/2		1/2	
3/4	119,015	3/4	130,536	3/4	142,056	3/4	153,577	3/4	165,019	3/4		3/4		3/4		3/4		3/4	
6	119,255	6	130,776	6	142,296	6	153,817	6	165,236	6	6	6	6	6	6	6	6	6	6
1/4	119,495	1/4	131,016	1/4	142,536	1/4	154,057	1/4	165,376	1/4		1/4		1/4		1/4		1/4	
1/2	119,735	1/2	131,256	1/2	142,776	1/2	154,297	1/2	165,516	1/2		1/2		1/2		1/2		1/2	
3/4	119,975	3/4	131,496	3/4	143,016	3/4	154,537	3/4	165,656	3/4		3/4		3/4		3/4		3/4	
7	120,215	7	131,736	7	143,256	7	154,777	7	165,796	7	7	7	7	7	7	7	7	7	7
1/4	120,455	1/4	131,976	1/4	143,496	1/4	155,017	1/4	165,856	1/4		1/4		1/4		1/4		1/4	
1/2	120,695	1/2	132,216	1/2	143,736	1/2	155,257	1/2	165,916	1/2		1/2		1/2		1/2		1/2	
3/4	120,935	3/4	132,456	3/4	143,976	3/4	155,497	3/4	165,976	3/4		3/4		3/4		3/4		3/4	
8	121,175	8	132,696	8	144,216	8	155,737	8	165,976	8	8	8	8	8	8	8	8	8	8
1/4	121,415	1/4	132,936	1/4	144,456	1/4	155,977	1/4	165,976	1/4		1/4		1/4		1/4		1/4	
1/2	121,655	1/2	133,176	1/2	144,696	1/2	156,217	1/2	165,976	1/2		1/2		1/2		1/2		1/2	
3/4	121,895	3/4	133,416	3/4	144,936	3/4	156,457	3/4	165,976	3/4		3/4		3/4		3/4		3/4	
9	122,135	9	133,656	9	145,176	9	156,697	9	165,976	9	9	9	9	9	9	9	9	9	9
1/4	122,375	1/4	133,896	1/4	145,416	1/4	156,937	1/4	165,976	1/4		1/4		1/4		1/4		1/4	
1/2	122,615	1/2	134,136	1/2	145,656	1/2	157,177	1/2	165,976	1/2		1/2		1/2		1/2		1/2	
3/4	122,855	3/4	134,376	3/4	145,896	3/4	157,417	3/4	165,976	3/4		3/4		3/4		3/4		3/4	
10	123,095	10	134,616	10	146,136	10	157,657	10	165,976	10	10	10	10	10	10	10	10	10	10
1/4	123,335	1/4	134,856	1/4	146,376	1/4	157,897	1/4	165,976	1/4		1/4		1/4		1/4		1/4	
1/2	123,575	1/2	135,096	1/2	146,616	1/2	158,137	1/2	165,976	1/2		1/2		1/2		1/2		1/2	
3/4	123,815	3/4	135,336	3/4	146,856	3/4	158,377	3/4	165,976	3/4		3/4		3/4		3/4		3/4	
11	124,056	11	135,576	11	147,096	11	158,617	11	165,976	11	11	11	11	11	11	11	11	11	11
1/4	124,296	1/4	135,816	1/4	147,336	1/4	158,857	1/4	165,976	1/4		1/4		1/4		1/4		1/4	
1/2	124,536	1/2	136,056	1/2	147,576	1/2	159,097	1/2	165,976	1/2		1/2		1/2		1/2		1/2	
3/4	124,776	3/4	136,296	3/4	147,816	3/4	159,337	3/4	165,976	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/15/2021 CL
CALCULATED: 09/15/2021 CL
PRINTED: 09/15/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 1113"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	31	0	8,926	0	19,103	0	29,266	0	39,437	0	49,616	0	59,796	0	69,975	0	80,154	0	90,334
1/4	66	1/4	9,138	1/4	19,315	1/4	29,478	1/4	39,649	1/4	49,828	1/4	60,008	1/4	70,187	1/4	80,366	1/4	90,546
1/2	101	1/2	9,350	1/2	19,527	1/2	29,689	1/2	39,861	1/2	50,041	1/2	60,220	1/2	70,399	1/2	80,578	1/2	90,758
3/4	137	3/4	9,562	3/4	19,739	3/4	29,901	3/4	40,073	3/4	50,253	3/4	60,432	3/4	70,611	3/4	80,791	3/4	90,970
1	172	1	9,774	1	19,951	1	30,112	1	40,285	1	50,465	1	60,644	1	70,823	1	81,003	1	91,182
1/4	278	1/4	9,986	1/4	20,164	1/4	30,324	1/4	40,497	1/4	50,677	1/4	60,856	1/4	71,035	1/4	81,215	1/4	91,394
1/2	384	1/2	10,198	1/2	20,376	1/2	30,535	1/2	40,710	1/2	50,889	1/2	61,068	1/2	71,247	1/2	81,427	1/2	91,606
3/4	490	3/4	10,410	3/4	20,588	3/4	30,746	3/4	40,922	3/4	51,101	3/4	61,280	3/4	71,459	3/4	81,639	3/4	91,818
2	596	2	10,622	2	20,800	2	30,958	2	41,134	2	51,313	2	61,492	2	71,672	2	81,851	2	92,030
1/4	772	1/4	10,834	1/4	21,012	1/4	31,169	1/4	41,346	1/4	51,525	1/4	61,704	1/4	71,884	1/4	82,063	1/4	92,242
1/2	949	1/2	11,046	1/2	21,224	1/2	31,381	1/2	41,558	1/2	51,737	1/2	61,916	1/2	72,096	1/2	82,275	1/2	92,454
3/4	1,126	3/4	11,258	3/4	21,436	3/4	31,593	3/4	41,770	3/4	51,949	3/4	62,128	3/4	72,308	3/4	82,487	3/4	92,666
3	1,302	3	11,470	3	21,648	3	31,804	3	41,982	3	52,161	3	62,341	3	72,520	3	82,699	3	92,878
1/4	1,513	1/4	11,682	1/4	21,860	1/4	32,016	1/4	42,194	1/4	52,373	1/4	62,553	1/4	72,732	1/4	82,911	1/4	93,090
1/2	1,723	1/2	11,894	1/2	22,072	1/2	32,228	1/2	42,406	1/2	52,585	1/2	62,765	1/2	72,944	1/2	83,123	1/2	93,303
3/4	1,933	3/4	12,106	3/4	22,284	3/4	32,439	3/4	42,618	3/4	52,797	3/4	62,977	3/4	73,156	3/4	83,335	3/4	93,515
4	2,143	4	12,318	4	22,496	4	32,651	4	42,830	4	53,010	4	63,189	4	73,368	4	83,547	4	93,727
1/4	2,355	1/4	12,530	1/4	22,708	1/4	32,863	1/4	43,042	1/4	53,222	1/4	63,401	1/4	73,580	1/4	83,759	1/4	93,939
1/2	2,566	1/2	12,742	1/2	22,920	1/2	33,075	1/2	43,254	1/2	53,434	1/2	63,613	1/2	73,792	1/2	83,972	1/2	94,151
3/4	2,778	3/4	12,954	3/4	23,132	3/4	33,287	3/4	43,466	3/4	53,646	3/4	63,825	3/4	74,004	3/4	84,184	3/4	94,363
5	2,989	5	13,166	5	23,344	5	33,499	5	43,678	5	53,858	5	64,037	5	74,216	5	84,396	5	94,575
1/4	3,201	1/4	13,378	1/4	23,556	1/4	33,711	1/4	43,891	1/4	54,070	1/4	64,249	1/4	74,428	1/4	84,608	1/4	94,787
1/2	3,413	1/2	13,590	1/2	23,768	1/2	33,923	1/2	44,103	1/2	54,282	1/2	64,461	1/2	74,641	1/2	84,820	1/2	94,999
3/4	3,625	3/4	13,802	3/4	23,980	3/4	34,135	3/4	44,315	3/4	54,494	3/4	64,673	3/4	74,853	3/4	85,032	3/4	95,211
6	3,837	6	14,014	6	24,192	6	34,347	6	44,527	6	54,706	6	64,885	6	75,065	6	85,244	6	95,423
1/4	4,049	1/4	14,227	1/4	24,404	1/4	34,560	1/4	44,739	1/4	54,918	1/4	65,097	1/4	75,277	1/4	85,456	1/4	95,635
1/2	4,261	1/2	14,439	1/2	24,615	1/2	34,772	1/2	44,951	1/2	55,130	1/2	65,309	1/2	75,489	1/2	85,668	1/2	95,847
3/4	4,473	3/4	14,651	3/4	24,826	3/4	34,984	3/4	45,163	3/4	55,342	3/4	65,522	3/4	75,701	3/4	85,880	3/4	96,059
7	4,685	7	14,863	7	25,038	7	35,196	7	45,375	7	55,554	7	65,734	7	75,913	7	86,092	7	96,272
1/4	4,897	1/4	15,075	1/4	25,249	1/4	35,408	1/4	45,587	1/4	55,766	1/4	65,946	1/4	76,125	1/4	86,304	1/4	96,484
1/2	5,109	1/2	15,287	1/2	25,461	1/2	35,620	1/2	45,799	1/2	55,978	1/2	66,158	1/2	76,337	1/2	86,516	1/2	96,696
3/4	5,321	3/4	15,499	3/4	25,672	3/4	35,832	3/4	46,011	3/4	56,191	3/4	66,370	3/4	76,549	3/4	86,728	3/4	96,908
8	5,533	8	15,711	8	25,884	8	36,044	8	46,223	8	56,403	8	66,582	8	76,761	8	86,940	8	97,120
1/4	5,745	1/4	15,923	1/4	26,095	1/4	36,256	1/4	46,435	1/4	56,615	1/4	66,794	1/4	76,973	1/4	87,153	1/4	97,332
1/2	5,957	1/2	16,135	1/2	26,306	1/2	36,468	1/2	46,647	1/2	56,827	1/2	67,006	1/2	77,185	1/2	87,365	1/2	97,544
3/4	6,169	3/4	16,347	3/4	26,518	3/4	36,680	3/4	46,860	3/4	57,039	3/4	67,218	3/4	77,397	3/4	87,577	3/4	97,756
9	6,381	9	16,559	9	26,729	9	36,892	9	47,072	9	57,251	9	67,430	9	77,609	9	87,789	9	97,968
1/4	6,593	1/4	16,771	1/4	26,941	1/4	37,104	1/4	47,284	1/4	57,463	1/4	67,642	1/4	77,822	1/4	88,001	1/4	98,180
1/2	6,805	1/2	16,983	1/2	27,152	1/2	37,316	1/2	47,496	1/2	57,675	1/2	67,854	1/2	78,034	1/2	88,213	1/2	98,392
3/4	7,017	3/4	17,195	3/4	27,364	3/4	37,529	3/4	47,708	3/4	57,887	3/4	68,066	3/4	78,246	3/4	88,425	3/4	98,604
10	7,229	10	17,407	10	27,575	10	37,741	10	47,920	10	58,099	10	68,278	10	78,458	10	88,637	10	98,816
1/4	7,441	1/4	17,619	1/4	27,786	1/4	37,953	1/4	48,132	1/4	58,311	1/4	68,491	1/4	78,670	1/4	88,849	1/4	99,028
1/2	7,653	1/2	17,831	1/2	27,998	1/2	38,165	1/2	48,344	1/2	58,523	1/2	68,703	1/2	78,882	1/2	89,061	1/2	99,240
3/4	7,865	3/4	18,043	3/4	28,209	3/4	38,377	3/4	48,556	3/4	58,735	3/4	68,915	3/4	79,094	3/4	89,273	3/4	99,453
11	8,078	11	18,255	11	28,421	11	38,589	11	48,768	11	58,947	11	69,127	11	79,306	11	89,485	11	99,665
1/4	8,290	1/4	18,467	1/4	28,632	1/4	38,801	1/4	48,980	1/4	59,160	1/4	69,339	1/4	79,518	1/4	89,697	1/4	99,877
1/2	8,502	1/2	18,679	1/2	28,844	1/2	39,013	1/2	49,192	1/2	59,372	1/2	69,551	1/2	79,730	1/2	89,909	1/2	100,089
3/4	8,714	3/4	18,891	3/4	29,055	3/4	39,225	3/4	49,404	3/4	59,584	3/4	69,763	3/4	79,942	3/4	90,122	3/4	100,301

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 "HERMETIC" VALVE.

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

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



BARGE "CBC 1113"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	100,513	0	110,692	0	120,871	0	131,051	0	141,230	0		0		0		0		0	
1/4	100,725	1/4	110,904	1/4	121,084	1/4	131,263	1/4	141,442	1/4		1/4		1/4		1/4		1/4	
1/2	100,937	1/2	111,116	1/2	121,296	1/2	131,475	1/2	141,654	1/2		1/2		1/2		1/2		1/2	
3/4	101,149	3/4	111,328	3/4	121,508	3/4	131,687	3/4	141,866	3/4		3/4		3/4		3/4		3/4	
1	101,361	1	111,540	1	121,720	1	131,899	1	142,078	1		1		1		1		1	
1/4	101,573	1/4	111,753	1/4	121,932	1/4	132,111	1/4	142,290	1/4		1/4		1/4		1/4		1/4	
1/2	101,785	1/2	111,965	1/2	122,144	1/2	132,323	1/2	142,502	1/2		1/2		1/2		1/2		1/2	
3/4	101,997	3/4	112,177	3/4	122,356	3/4	132,535	3/4	142,715	3/4		3/4		3/4		3/4		3/4	
2	102,209	2	112,389	2	122,568	2	132,747	2	142,927	2		2		2		2		2	
1/4	102,421	1/4	112,601	1/4	122,780	1/4	132,959	1/4	143,139	1/4		1/4		1/4		1/4		1/4	
1/2	102,634	1/2	112,813	1/2	122,992	1/2	133,171	1/2	143,351	1/2		1/2		1/2		1/2		1/2	
3/4	102,846	3/4	113,025	3/4	123,204	3/4	133,384	3/4	143,564	3/4		3/4		3/4		3/4		3/4	
3	103,058	3	113,237	3	123,416	3	133,596	3	143,776	3		3		3		3		3	
1/4	103,270	1/4	113,449	1/4	123,628	1/4	133,808	1/4	143,988	1/4		1/4		1/4		1/4		1/4	
1/2	103,482	1/2	113,661	1/2	123,840	1/2	134,020	1/2	144,200	1/2		1/2		1/2		1/2		1/2	
3/4	103,694	3/4	113,873	3/4	124,052	3/4	134,232	3/4	144,411	3/4		3/4		3/4		3/4		3/4	
4	103,906	4	114,085	4	124,265	4	134,444	4	144,623	4		4		4		4		4	
1/4	104,118	1/4	114,297	1/4	124,477	1/4	134,656	1/4	144,834	1/4		1/4		1/4		1/4		1/4	
1/2	104,330	1/2	114,509	1/2	124,689	1/2	134,868	1/2	145,045	1/2		1/2		1/2		1/2		1/2	
3/4	104,542	3/4	114,721	3/4	124,901	3/4	135,080	3/4	145,255	3/4		3/4		3/4		3/4		3/4	
5	104,754	5	114,934	5	125,113	5	135,292	5	145,466	5		5		5		5		5	
1/4	104,966	1/4	115,146	1/4	125,325	1/4	135,504	1/4	145,657	1/4		1/4		1/4		1/4		1/4	
1/2	105,178	1/2	115,358	1/2	125,537	1/2	135,716	1/2	145,849	1/2		1/2		1/2		1/2		1/2	
3/4	105,390	3/4	115,570	3/4	125,749	3/4	135,928	3/4	146,040	3/4		3/4		3/4		3/4		3/4	
6	105,603	6	115,782	6	125,961	6	136,140	6	146,232	6		6		6		6		6	
1/4	105,815	1/4	115,994	1/4	126,173	1/4	136,352	1/4	146,355	1/4		1/4		1/4		1/4		1/4	
1/2	106,027	1/2	116,206	1/2	126,385	1/2	136,565	1/2	146,479	1/2		1/2		1/2		1/2		1/2	
3/4	106,239	3/4	116,418	3/4	126,597	3/4	136,777	3/4	146,603	3/4		3/4		3/4		3/4		3/4	
7	106,451	7	116,630	7	126,809	7	136,989	7	146,726	7		7		7		7		7	
1/4	106,663	1/4	116,842	1/4	127,021	1/4	137,201	1/4	146,779	1/4		1/4		1/4		1/4		1/4	
1/2	106,875	1/2	117,054	1/2	127,234	1/2	137,413	1/2	146,832	1/2		1/2		1/2		1/2		1/2	
3/4	107,087	3/4	117,266	3/4	127,446	3/4	137,625	3/4	146,885	3/4		3/4		3/4		3/4		3/4	
8	107,299	8	117,478	8	127,658	8	137,837	8	146,938	8		8		8		8		8	
1/4	107,511	1/4	117,690	1/4	127,870	1/4	138,049	1/4	146,991	1/4		1/4		1/4		1/4		1/4	
1/2	107,723	1/2	117,903	1/2	128,082	1/2	138,261	1/2	147,044	1/2		1/2		1/2		1/2		1/2	
3/4	107,935	3/4	118,115	3/4	128,294	3/4	138,473	3/4	147,097	3/4		3/4		3/4		3/4		3/4	
9	108,147	9	118,327	9	128,506	9	138,685	9	147,150	9		9		9		9		9	
1/4	108,359	1/4	118,539	1/4	128,718	1/4	138,897	1/4	147,203	1/4		1/4		1/4		1/4		1/4	
1/2	108,571	1/2	118,751	1/2	128,930	1/2	139,109	1/2	147,256	1/2		1/2		1/2		1/2		1/2	
3/4	108,784	3/4	118,963	3/4	129,142	3/4	139,321	3/4	147,309	3/4		3/4		3/4		3/4		3/4	
10	108,996	10	119,175	10	129,354	10	139,534	10	147,362	10		10		10		10		10	
1/4	109,208	1/4	119,387	1/4	129,566	1/4	139,746	1/4	147,415	1/4		1/4		1/4		1/4		1/4	
1/2	109,420	1/2	119,599	1/2	129,778	1/2	139,958	1/2	147,468	1/2		1/2		1/2		1/2		1/2	
3/4	109,632	3/4	119,811	3/4	129,990	3/4	140,170	3/4	147,521	3/4		3/4		3/4		3/4		3/4	
11	109,844	11	120,023	11	130,202	11	140,382	11	147,574	11		11		11		11		11	
1/4	110,056	1/4	120,235	1/4	130,415	1/4	140,594	1/4	147,627	1/4		1/4		1/4		1/4		1/4	
1/2	110,268	1/2	120,447	1/2	130,627	1/2	140,806	1/2	147,680	1/2		1/2		1/2		1/2		1/2	
3/4	110,480	3/4	120,659	3/4	130,839	3/4	141,018	3/4	147,733	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/15/2021 CL
CALCULATED: 09/15/2021 CL
PRINTED: 09/15/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1113"

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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	3/4	3/4	3/4	3/4	3/4	3/4
3	11	3	115	3	242	3	340	3	3	3	3	3	3	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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: 09/15/2021 CL
CALCULATED: 09/15/2021 CL
PRINTED: 09/15/2021 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 1113"

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	- 00-3/4	00-3/4	- 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	- 00-7/8	00-7/8	- 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 15, 2021

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

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BARGE "CBC 1113"

1 CENTER ULLAGE 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		0		0	139,301	0	130,248	0	121,195	0	112,143	0	101,723	0	91,152	0	80,577	0	70,029
1/4		1/4		1/4	139,112	1/4	130,060	1/4	121,007	1/4	111,954	1/4	101,503	1/4	90,932	1/4	80,357	1/4	69,810
1/2		1/2		1/2	138,924	1/2	129,871	1/2	120,818	1/2	111,765	1/2	101,283	1/2	90,712	1/2	80,137	1/2	69,590
3/4		3/4		3/4	138,735	3/4	129,682	3/4	120,630	3/4	111,577	3/4	101,062	3/4	90,491	3/4	79,917	3/4	69,371
1		1		1	138,547	1	129,494	1	120,441	1	111,388	1	100,842	1	90,271	1	79,696	1	69,151
1/4		1/4		1/4	138,358	1/4	129,305	1/4	120,252	1/4	111,168	1/4	100,622	1/4	90,051	1/4	79,476	1/4	68,931
1/2		1/2	146,753	1/2	138,169	1/2	129,117	1/2	120,064	1/2	110,948	1/2	100,402	1/2	89,831	1/2	79,256	1/2	68,711
3/4		3/4	146,697	3/4	137,981	3/4	128,928	3/4	119,875	3/4	110,727	3/4	100,182	3/4	89,610	3/4	79,035	3/4	68,490
2		2	146,642	2	137,792	2	128,739	2	119,687	2	110,507	2	99,962	2	89,390	2	78,815	2	68,270
1/4		1/4	146,513	1/4	137,604	1/4	128,551	1/4	119,498	1/4	110,287	1/4	99,742	1/4	89,170	1/4	78,595	1/4	68,050
1/2		1/2	146,384	1/2	137,415	1/2	128,362	1/2	119,309	1/2	110,066	1/2	99,522	1/2	88,949	1/2	78,374	1/2	67,830
3/4		3/4	146,256	3/4	137,226	3/4	128,174	3/4	119,121	3/4	109,846	3/4	99,302	3/4	88,729	3/4	78,154	3/4	67,610
3		3	146,127	3	137,038	3	127,985	3	118,932	3	109,626	3	99,082	3	88,509	3	77,934	3	67,390
1/4		1/4	145,927	1/4	136,849	1/4	127,796	1/4	118,744	1/4	109,406	1/4	98,862	1/4	88,288	1/4	77,714	1/4	67,170
1/2		1/2	145,728	1/2	136,661	1/2	127,608	1/2	118,555	1/2	109,186	1/2	98,642	1/2	88,068	1/2	77,495	1/2	66,949
3/4		3/4	145,529	3/4	136,472	3/4	127,419	3/4	118,366	3/4	108,965	3/4	98,422	3/4	87,848	3/4	77,275	3/4	66,729
4		4	145,329	4	136,283	4	127,231	4	118,178	4	108,745	4	98,201	4	87,627	4	77,055	4	66,509
1/4		1/4	145,142	1/4	136,095	1/4	127,042	1/4	117,989	1/4	108,526	1/4	97,981	1/4	87,407	1/4	76,836	1/4	66,289
1/2		1/2	144,955	1/2	135,906	1/2	126,853	1/2	117,801	1/2	108,307	1/2	97,761	1/2	87,187	1/2	76,616	1/2	66,069
3/4		3/4	144,768	3/4	135,718	3/4	126,665	3/4	117,612	3/4	108,087	3/4	97,541	3/4	86,966	3/4	76,397	3/4	65,849
5		5	144,581	5	135,529	5	126,476	5	117,423	5	107,868	5	97,321	5	86,746	5	76,177	5	65,629
1/4		1/4	144,392	1/4	135,340	1/4	126,288	1/4	117,235	1/4	107,649	1/4	97,101	1/4	86,526	1/4	75,958	1/4	65,408
1/2		1/2	144,204	1/2	135,152	1/2	126,099	1/2	117,046	1/2	107,429	1/2	96,880	1/2	86,306	1/2	75,738	1/2	65,188
3/4		3/4	144,016	3/4	134,963	3/4	125,910	3/4	116,858	3/4	107,210	3/4	96,660	3/4	86,085	3/4	75,518	3/4	64,968
6		6	143,828	6	134,775	6	125,722	6	116,669	6	106,990	6	96,440	6	85,865	6	75,299	6	64,748
1/4		1/4	143,639	1/4	134,586	1/4	125,533	1/4	116,480	1/4	106,771	1/4	96,220	1/4	85,645	1/4	75,079	1/4	64,528
1/2		1/2	143,450	1/2	134,397	1/2	125,345	1/2	116,292	1/2	106,552	1/2	95,999	1/2	85,424	1/2	74,860	1/2	64,308
3/4		3/4	143,262	3/4	134,209	3/4	125,156	3/4	116,103	3/4	106,332	3/4	95,779	3/4	85,204	3/4	74,640	3/4	64,088
7		7	143,073	7	134,020	7	124,967	7	115,915	7	106,113	7	95,559	7	84,984	7	74,421	7	63,868
1/4		1/4	142,884	1/4	133,832	1/4	124,779	1/4	115,726	1/4	105,894	1/4	95,338	1/4	84,763	1/4	74,201	1/4	63,647
1/2		1/2	142,696	1/2	133,643	1/2	124,590	1/2	115,537	1/2	105,674	1/2	95,118	1/2	84,543	1/2	73,982	1/2	63,427
3/4		3/4	142,507	3/4	133,454	3/4	124,402	3/4	115,349	3/4	105,455	3/4	94,898	3/4	84,323	3/4	73,762	3/4	63,207
8		8	142,319	8	133,266	8	124,213	8	115,160	8	105,235	8	94,677	8	84,102	8	73,542	8	62,987
1/4		1/4	142,130	1/4	133,077	1/4	124,024	1/4	114,972	1/4	105,016	1/4	94,457	1/4	83,882	1/4	73,323	1/4	62,766
1/2		1/2	141,941	1/2	132,889	1/2	123,836	1/2	114,783	1/2	104,797	1/2	94,237	1/2	83,662	1/2	73,103	1/2	62,546
3/4		3/4	141,753	3/4	132,700	3/4	123,647	3/4	114,594	3/4	104,577	3/4	94,016	3/4	83,442	3/4	72,884	3/4	62,326
9		9	141,564	9	132,511	9	123,459	9	114,406	9	104,358	9	93,796	9	83,221	9	72,664	9	62,106
1/4		1/4	141,376	1/4	132,323	1/4	123,270	1/4	114,217	1/4	104,139	1/4	93,576	1/4	83,001	1/4	72,445	1/4	61,885
1/2		1/2	141,187	1/2	132,134	1/2	123,081	1/2	114,029	1/2	103,919	1/2	93,355	1/2	82,781	1/2	72,225	1/2	61,665
3/4		3/4	140,998	3/4	131,946	3/4	122,893	3/4	113,840	3/4	103,700	3/4	93,135	3/4	82,560	3/4	72,005	3/4	61,445
10		10	140,810	10	131,757	10	122,704	10	113,651	10	103,481	10	92,915	10	82,340	10	71,786	10	61,225
1/4		1/4	140,621	1/4	131,568	1/4	122,516	1/4	113,463	1/4	103,261	1/4	92,695	1/4	82,120	1/4	71,566	1/4	61,004
1/2		1/2	140,433	1/2	131,380	1/2	122,327	1/2	113,274	1/2	103,042	1/2	92,474	1/2	81,899	1/2	71,347	1/2	60,784
3/4		3/4	140,244	3/4	131,191	3/4	122,138	3/4	113,086	3/4	102,822	3/4	92,254	3/4	81,679	3/4	71,127	3/4	60,564
11		11	140,055	11	131,003	11	121,950	11	112,897	11	102,603	11	92,034	11	81,459	11	70,908	11	60,344
1/4		1/4	139,867	1/4	130,814	1/4	121,761	1/4	112,708	1/4	102,383	1/4	91,813	1/4	81,238	1/4	70,688	1/4	60,123
1/2		1/2	139,678	1/2	130,625	1/2	121,573	1/2	112,520	1/2	102,163	1/2	91,593	1/2	81,018	1/2	70,468	1/2	59,903
3/4		3/4	139,490	3/4	130,437	3/4	121,384	3/4	112,331	3/4	101,943	3/4	91,373	3/4	80,798	3/4	70,249	3/4	59,683

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

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BARGE "CBC 1113"

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	59,463	0	48,891	0	38,318	0	27,919	0	17,399	0	6,796	0		0		0		0	
1/4	59,242	1/4	48,670	1/4	38,098	1/4	27,705	1/4	17,178	1/4	6,575	1/4		1/4		1/4		1/4	
1/2	59,022	1/2	48,450	1/2	37,878	1/2	27,491	1/2	16,958	1/2	6,354	1/2		1/2		1/2		1/2	
3/4	58,802	3/4	48,230	3/4	37,658	3/4	27,277	3/4	16,737	3/4	6,134	3/4		3/4		3/4		3/4	
1	58,582	1	48,010	1	37,437	1	27,063	1	16,516	1	5,913	1		1		1		1	
1/4	58,361	1/4	47,789	1/4	37,217	1/4	26,849	1/4	16,295	1/4	5,692	1/4		1/4		1/4		1/4	
1/2	58,141	1/2	47,569	1/2	36,997	1/2	26,636	1/2	16,074	1/2	5,471	1/2		1/2		1/2		1/2	
3/4	57,921	3/4	47,349	3/4	36,777	3/4	26,422	3/4	15,853	3/4	5,250	3/4		3/4		3/4		3/4	
2	57,701	2	47,129	2	36,556	2	26,208	2	15,632	2	5,029	2		2		2		2	
1/4	57,480	1/4	46,908	1/4	36,336	1/4	25,994	1/4	15,411	1/4	4,808	1/4		1/4		1/4		1/4	
1/2	57,260	1/2	46,688	1/2	36,116	1/2	25,780	1/2	15,190	1/2	4,587	1/2		1/2		1/2		1/2	
3/4	57,040	3/4	46,468	3/4	35,896	3/4	25,566	3/4	14,969	3/4	4,366	3/4		3/4		3/4		3/4	
3	56,820	3	46,248	3	35,675	3	25,352	3	14,749	3	4,145	3		3		3		3	
1/4	56,599	1/4	46,027	1/4	35,455	1/4	25,131	1/4	14,528	1/4	3,925	1/4		1/4		1/4		1/4	
1/2	56,379	1/2	45,807	1/2	35,235	1/2	24,910	1/2	14,307	1/2	3,704	1/2		1/2		1/2		1/2	
3/4	56,159	3/4	45,587	3/4	35,015	3/4	24,689	3/4	14,086	3/4	3,483	3/4		3/4		3/4		3/4	
4	55,939	4	45,367	4	34,794	4	24,468	4	13,865	4	3,262	4		4		4		4	
1/4	55,718	1/4	45,146	1/4	34,574	1/4	24,247	1/4	13,644	1/4	3,042	1/4		1/4		1/4		1/4	
1/2	55,498	1/2	44,926	1/2	34,354	1/2	24,026	1/2	13,423	1/2	2,821	1/2		1/2		1/2		1/2	
3/4	55,278	3/4	44,706	3/4	34,134	3/4	23,805	3/4	13,202	3/4	2,601	3/4		3/4		3/4		3/4	
5	55,058	5	44,486	5	33,913	5	23,585	5	12,981	5	2,381	5		5		5		5	
1/4	54,837	1/4	44,265	1/4	33,699	1/4	23,364	1/4	12,760	1/4	2,162	1/4		1/4		1/4		1/4	
1/2	54,617	1/2	44,045	1/2	33,484	1/2	23,143	1/2	12,540	1/2	1,943	1/2		1/2		1/2		1/2	
3/4	54,397	3/4	43,825	3/4	33,269	3/4	22,922	3/4	12,319	3/4	1,724	3/4		3/4		3/4		3/4	
6	54,177	6	43,605	6	33,054	6	22,701	6	12,098	6	1,505	6		6		6		6	
1/4	53,956	1/4	43,384	1/4	32,839	1/4	22,480	1/4	11,877	1/4	1,321	1/4		1/4		1/4		1/4	
1/2	53,736	1/2	43,164	1/2	32,624	1/2	22,259	1/2	11,656	1/2	1,137	1/2		1/2		1/2		1/2	
3/4	53,516	3/4	42,944	3/4	32,410	3/4	22,038	3/4	11,435	3/4	953	3/4		3/4		3/4		3/4	
7	53,296	7	42,723	7	32,195	7	21,817	7	11,214	7	769	7		7		7		7	
1/4	53,075	1/4	42,503	1/4	31,981	1/4	21,596	1/4	10,993	1/4	658	1/4		1/4		1/4		1/4	
1/2	52,855	1/2	42,283	1/2	31,767	1/2	21,376	1/2	10,772	1/2	548	1/2		1/2		1/2		1/2	
3/4	52,635	3/4	42,063	3/4	31,554	3/4	21,155	3/4	10,551	3/4	438	3/4		3/4		3/4		3/4	
8	52,415	8	41,842	8	31,340	8	20,934	8	10,331	8	327	8		8		8		8	
1/4	52,194	1/4	41,622	1/4	31,126	1/4	20,713	1/4	10,110	1/4	290	1/4		1/4		1/4		1/4	
1/2	51,974	1/2	41,402	1/2	30,912	1/2	20,492	1/2	9,889	1/2	254	1/2		1/2		1/2		1/2	
3/4	51,754	3/4	41,182	3/4	30,699	3/4	20,271	3/4	9,668	3/4	217	3/4		3/4		3/4		3/4	
9	51,534	9	40,961	9	30,485	9	20,050	9	9,447	9	180	9		9		9		9	
1/4	51,313	1/4	40,741	1/4	30,271	1/4	19,829	1/4	9,226	1/4		1/4		1/4		1/4		1/4	
1/2	51,093	1/2	40,521	1/2	30,058	1/2	19,608	1/2	9,005	1/2		1/2		1/2		1/2		1/2	
3/4	50,873	3/4	40,301	3/4	29,844	3/4	19,387	3/4	8,784	3/4		3/4		3/4		3/4		3/4	
10	50,653	10	40,080	10	29,630	10	19,167	10	8,563	10		10		10		10		10	
1/4	50,432	1/4	39,860	1/4	29,416	1/4	18,946	1/4	8,342	1/4		1/4		1/4		1/4		1/4	
1/2	50,212	1/2	39,640	1/2	29,203	1/2	18,725	1/2	8,122	1/2		1/2		1/2		1/2		1/2	
3/4	49,992	3/4	39,420	3/4	28,989	3/4	18,504	3/4	7,901	3/4		3/4		3/4		3/4		3/4	
11	49,772	11	39,199	11	28,775	11	18,283	11	7,680	11		11		11		11		11	
1/4	49,551	1/4	38,979	1/4	28,561	1/4	18,062	1/4	7,459	1/4		1/4		1/4		1/4		1/4	
1/2	49,331	1/2	38,759	1/2	28,347	1/2	17,841	1/2	7,238	1/2		1/2		1/2		1/2		1/2	
3/4	49,111	3/4	38,539	3/4	28,133	3/4	17,620	3/4	7,017	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/15/2021 CL
CALCULATED: 09/15/2021 CL
PRINTED: 09/15/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021

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



BARGE "CBC 1113"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	156,457	0	144,936	0	133,416	0	121,895	0	110,375	0	98,855	0	87,334	0	75,814
1/4		1/4		1/4	156,217	1/4	144,696	1/4	133,176	1/4	121,655	1/4	110,135	1/4	98,615	1/4	87,094	1/4	75,574
1/2		1/2		1/2	155,977	1/2	144,456	1/2	132,936	1/2	121,415	1/2	109,895	1/2	98,375	1/2	86,854	1/2	75,334
3/4		3/4		3/4	155,737	3/4	144,216	3/4	132,696	3/4	121,175	3/4	109,655	3/4	98,135	3/4	86,614	3/4	75,094
1		1		1	155,497	1	143,976	1	132,456	1	120,935	1	109,415	1	97,895	1	86,374	1	74,854
1/4		1/4	165,916	1/4	155,257	1/4	143,736	1/4	132,216	1/4	120,695	1/4	109,175	1/4	97,655	1/4	86,134	1/4	74,614
1/2		1/2	165,856	1/2	155,017	1/2	143,496	1/2	131,976	1/2	120,455	1/2	108,935	1/2	97,415	1/2	85,894	1/2	74,374
3/4		3/4	165,796	3/4	154,777	3/4	143,256	3/4	131,736	3/4	120,215	3/4	108,695	3/4	97,174	3/4	85,654	3/4	74,134
2		2	165,656	2	154,537	2	143,016	2	131,496	2	119,975	2	108,455	2	96,934	2	85,414	2	73,894
1/4		1/4	165,516	1/4	154,297	1/4	142,776	1/4	131,256	1/4	119,735	1/4	108,215	1/4	96,694	1/4	85,174	1/4	73,654
1/2		1/2	165,376	1/2	154,057	1/2	142,536	1/2	131,016	1/2	119,495	1/2	107,975	1/2	96,454	1/2	84,934	1/2	73,414
3/4		3/4	165,236	3/4	153,817	3/4	142,296	3/4	130,776	3/4	119,255	3/4	107,735	3/4	96,214	3/4	84,694	3/4	73,174
3		3	165,019	3	153,577	3	142,056	3	130,536	3	119,015	3	107,495	3	95,974	3	84,454	3	72,934
1/4		1/4	164,803	1/4	153,337	1/4	141,816	1/4	130,296	1/4	118,775	1/4	107,255	1/4	95,734	1/4	84,214	1/4	72,694
1/2		1/2	164,586	1/2	153,097	1/2	141,576	1/2	130,056	1/2	118,535	1/2	107,015	1/2	95,494	1/2	83,974	1/2	72,454
3/4		3/4	164,369	3/4	152,857	3/4	141,336	3/4	129,816	3/4	118,295	3/4	106,775	3/4	95,254	3/4	83,734	3/4	72,214
4		4	164,131	4	152,617	4	141,096	4	129,576	4	118,055	4	106,535	4	95,014	4	83,494	4	71,974
1/4		1/4	163,892	1/4	152,377	1/4	140,856	1/4	129,336	1/4	117,815	1/4	106,295	1/4	94,774	1/4	83,254	1/4	71,734
1/2		1/2	163,654	1/2	152,137	1/2	140,616	1/2	129,096	1/2	117,575	1/2	106,055	1/2	94,534	1/2	83,014	1/2	71,494
3/4		3/4	163,416	3/4	151,897	3/4	140,376	3/4	128,856	3/4	117,335	3/4	105,815	3/4	94,294	3/4	82,774	3/4	71,254
5		5	163,176	5	151,657	5	140,136	5	128,616	5	117,095	5	105,575	5	94,054	5	82,534	5	71,014
1/4		1/4	162,936	1/4	151,417	1/4	139,896	1/4	128,376	1/4	116,855	1/4	105,335	1/4	93,814	1/4	82,294	1/4	70,774
1/2		1/2	162,697	1/2	151,177	1/2	139,656	1/2	128,136	1/2	116,615	1/2	105,095	1/2	93,574	1/2	82,054	1/2	70,533
3/4		3/4	162,457	3/4	150,937	3/4	139,416	3/4	127,896	3/4	116,375	3/4	104,855	3/4	93,334	3/4	81,814	3/4	70,293
6		6	162,217	6	150,697	6	139,176	6	127,656	6	116,135	6	104,615	6	93,094	6	81,574	6	70,053
1/4		1/4	161,977	1/4	150,456	1/4	138,936	1/4	127,416	1/4	115,895	1/4	104,375	1/4	92,854	1/4	81,334	1/4	69,813
1/2		1/2	161,737	1/2	150,216	1/2	138,696	1/2	127,176	1/2	115,655	1/2	104,135	1/2	92,614	1/2	81,094	1/2	69,573
3/4		3/4	161,497	3/4	149,976	3/4	138,456	3/4	126,936	3/4	115,415	3/4	103,895	3/4	92,374	3/4	80,854	3/4	69,333
7		7	161,257	7	149,736	7	138,216	7	126,696	7	115,175	7	103,655	7	92,134	7	80,614	7	69,093
1/4		1/4	161,017	1/4	149,496	1/4	137,976	1/4	126,456	1/4	114,935	1/4	103,415	1/4	91,894	1/4	80,374	1/4	68,853
1/2		1/2	160,777	1/2	149,256	1/2	137,736	1/2	126,216	1/2	114,695	1/2	103,175	1/2	91,654	1/2	80,134	1/2	68,613
3/4		3/4	160,537	3/4	149,016	3/4	137,496	3/4	125,976	3/4	114,455	3/4	102,935	3/4	91,414	3/4	79,894	3/4	68,373
8		8	160,297	8	148,776	8	137,256	8	125,736	8	114,215	8	102,695	8	91,174	8	79,654	8	68,133
1/4		1/4	160,057	1/4	148,536	1/4	137,016	1/4	125,496	1/4	113,975	1/4	102,455	1/4	90,934	1/4	79,414	1/4	67,893
1/2		1/2	159,817	1/2	148,296	1/2	136,776	1/2	125,256	1/2	113,735	1/2	102,215	1/2	90,694	1/2	79,174	1/2	67,653
3/4		3/4	159,577	3/4	148,056	3/4	136,536	3/4	125,016	3/4	113,495	3/4	101,975	3/4	90,454	3/4	78,934	3/4	67,413
9		9	159,337	9	147,816	9	136,296	9	124,776	9	113,255	9	101,735	9	90,214	9	78,694	9	67,173
1/4		1/4	159,097	1/4	147,576	1/4	136,056	1/4	124,536	1/4	113,015	1/4	101,495	1/4	89,974	1/4	78,454	1/4	66,933
1/2		1/2	158,857	1/2	147,336	1/2	135,816	1/2	124,296	1/2	112,775	1/2	101,255	1/2	89,734	1/2	78,214	1/2	66,693
3/4		3/4	158,617	3/4	147,096	3/4	135,576	3/4	124,056	3/4	112,535	3/4	101,015	3/4	89,494	3/4	77,974	3/4	66,453
10		10	158,377	10	146,856	10	135,336	10	123,815	10	112,295	10	100,775	10	89,254	10	77,734	10	66,213
1/4		1/4	158,137	1/4	146,616	1/4	135,096	1/4	123,575	1/4	112,055	1/4	100,535	1/4	89,014	1/4	77,494	1/4	65,973
1/2		1/2	157,897	1/2	146,376	1/2	134,856	1/2	123,335	1/2	111,815	1/2	100,295	1/2	88,774	1/2	77,254	1/2	65,733
3/4		3/4	157,657	3/4	146,136	3/4	134,616	3/4	123,095	3/4	111,575	3/4	100,055	3/4	88,534	3/4	77,014	3/4	65,493
11		11	157,417	11	145,896	11	134,376	11	122,855	11	111,335	11	99,815	11	88,294	11	76,774	11	65,253
1/4		1/4	157,177	1/4	145,656	1/4	134,136	1/4	122,615	1/4	111,095	1/4	99,575	1/4	88,054	1/4	76,534	1/4	65,013
1/2		1/2	156,937	1/2	145,416	1/2	133,896	1/2	122,375	1/2	110,855	1/2	99,335	1/2	87,814	1/2	76,294	1/2	64,773
3/4		3/4	156,697	3/4	145,176	3/4	133,656	3/4	122,135	3/4	110,615	3/4	99,095	3/4	87,574	3/4	76,054	3/4	64,533

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
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BARGE "CBC 1113"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	64,293	0	52,773	0	41,252	0	29,940	0	18,499	0	6,979	0		0		0		0	
1/4	64,053	1/4	52,533	1/4	41,012	1/4	29,707	1/4	18,259	1/4	6,739	1/4		1/4		1/4		1/4	
1/2	63,813	1/2	52,293	1/2	40,772	1/2	29,474	1/2	18,019	1/2	6,499	1/2		1/2		1/2		1/2	
3/4	63,573	3/4	52,053	3/4	40,532	3/4	29,241	3/4	17,779	3/4	6,259	3/4		3/4		3/4		3/4	
1	63,333	1	51,813	1	40,292	1	29,008	1	17,539	1	6,019	1		1		1		1	
1/4	63,093	1/4	51,573	1/4	40,052	1/4	28,776	1/4	17,299	1/4	5,779	1/4		1/4		1/4		1/4	
1/2	62,853	1/2	51,333	1/2	39,812	1/2	28,543	1/2	17,059	1/2	5,539	1/2		1/2		1/2		1/2	
3/4	62,613	3/4	51,093	3/4	39,572	3/4	28,310	3/4	16,819	3/4	5,299	3/4		3/4		3/4		3/4	
2	62,373	2	50,853	2	39,332	2	28,077	2	16,579	2	5,059	2		2		2		2	
1/4	62,133	1/4	50,613	1/4	39,092	1/4	27,844	1/4	16,339	1/4	4,819	1/4		1/4		1/4		1/4	
1/2	61,893	1/2	50,373	1/2	38,852	1/2	27,612	1/2	16,099	1/2	4,579	1/2		1/2		1/2		1/2	
3/4	61,653	3/4	50,133	3/4	38,612	3/4	27,379	3/4	15,859	3/4	4,339	3/4		3/4		3/4		3/4	
3	61,413	3	49,893	3	38,372	3	27,139	3	15,619	3	4,099	3		3		3		3	
1/4	61,173	1/4	49,653	1/4	38,132	1/4	26,899	1/4	15,379	1/4	3,859	1/4		1/4		1/4		1/4	
1/2	60,933	1/2	49,413	1/2	37,892	1/2	26,659	1/2	15,139	1/2	3,619	1/2		1/2		1/2		1/2	
3/4	60,693	3/4	49,173	3/4	37,652	3/4	26,419	3/4	14,899	3/4	3,379	3/4		3/4		3/4		3/4	
4	60,453	4	48,933	4	37,412	4	26,179	4	14,659	4	3,140	4		4		4		4	
1/4	60,213	1/4	48,693	1/4	37,172	1/4	25,939	1/4	14,419	1/4	2,900	1/4		1/4		1/4		1/4	
1/2	59,973	1/2	48,453	1/2	36,932	1/2	25,699	1/2	14,179	1/2	2,661	1/2		1/2		1/2		1/2	
3/4	59,733	3/4	48,213	3/4	36,692	3/4	25,459	3/4	13,939	3/4	2,422	3/4		3/4		3/4		3/4	
5	59,493	5	47,973	5	36,459	5	25,219	5	13,699	5	2,184	5		5		5		5	
1/4	59,253	1/4	47,733	1/4	36,226	1/4	24,979	1/4	13,459	1/4	1,946	1/4		1/4		1/4		1/4	
1/2	59,013	1/2	47,493	1/2	35,993	1/2	24,739	1/2	13,219	1/2	1,708	1/2		1/2		1/2		1/2	
3/4	58,773	3/4	47,253	3/4	35,760	3/4	24,499	3/4	12,979	3/4	1,470	3/4		3/4		3/4		3/4	
6	58,533	6	47,013	6	35,527	6	24,259	6	12,739	6	1,270	6		6		6		6	
1/4	58,293	1/4	46,773	1/4	35,294	1/4	24,019	1/4	12,499	1/4	1,070	1/4		1/4		1/4		1/4	
1/2	58,053	1/2	46,533	1/2	35,061	1/2	23,779	1/2	12,259	1/2	870	1/2		1/2		1/2		1/2	
3/4	57,813	3/4	46,293	3/4	34,828	3/4	23,539	3/4	12,019	3/4	670	3/4		3/4		3/4		3/4	
7	57,573	7	46,053	7	34,595	7	23,299	7	11,779	7	550	7		7		7		7	
1/4	57,333	1/4	45,813	1/4	34,363	1/4	23,059	1/4	11,539	1/4	430	1/4		1/4		1/4		1/4	
1/2	57,093	1/2	45,573	1/2	34,130	1/2	22,819	1/2	11,299	1/2	311	1/2		1/2		1/2		1/2	
3/4	56,853	3/4	45,333	3/4	33,897	3/4	22,579	3/4	11,059	3/4	191	3/4		3/4		3/4		3/4	
8	56,613	8	45,093	8	33,664	8	22,339	8	10,819	8	151	8		8		8		8	
1/4	56,373	1/4	44,853	1/4	33,431	1/4	22,099	1/4	10,579	1/4	111	1/4		1/4		1/4		1/4	
1/2	56,133	1/2	44,613	1/2	33,199	1/2	21,859	1/2	10,339	1/2	71	1/2		1/2		1/2		1/2	
3/4	55,893	3/4	44,373	3/4	32,966	3/4	21,619	3/4	10,099	3/4	31	3/4		3/4		3/4		3/4	
9	55,653	9	44,133	9	32,733	9	21,379	9	9,859	9		9		9		9		9	
1/4	55,413	1/4	43,892	1/4	32,500	1/4	21,139	1/4	9,619	1/4		1/4		1/4		1/4		1/4	
1/2	55,173	1/2	43,652	1/2	32,267	1/2	20,899	1/2	9,379	1/2		1/2		1/2		1/2		1/2	
3/4	54,933	3/4	43,412	3/4	32,035	3/4	20,659	3/4	9,139	3/4		3/4		3/4		3/4		3/4	
10	54,693	10	43,172	10	31,802	10	20,419	10	8,899	10		10		10		10		10	
1/4	54,453	1/4	42,932	1/4	31,569	1/4	20,179	1/4	8,659	1/4		1/4		1/4		1/4		1/4	
1/2	54,213	1/2	42,692	1/2	31,336	1/2	19,939	1/2	8,419	1/2		1/2		1/2		1/2		1/2	
3/4	53,973	3/4	42,452	3/4	31,104	3/4	19,699	3/4	8,179	3/4		3/4		3/4		3/4		3/4	
11	53,733	11	42,212	11	30,871	11	19,459	11	7,939	11		11		11		11		11	
1/4	53,493	1/4	41,972	1/4	30,638	1/4	19,219	1/4	7,699	1/4		1/4		1/4		1/4		1/4	
1/2	53,253	1/2	41,732	1/2	30,405	1/2	18,979	1/2	7,459	1/2		1/2		1/2		1/2		1/2	
3/4	53,013	3/4	41,492	3/4	30,172	3/4	18,739	3/4	7,219	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/15/2021 CL
CALCULATED: 09/15/2021 CL
PRINTED: 09/15/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021

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



BARGE "CBC 1113"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	137,837	0	127,658	0	117,478	0	107,299	0	97,120	0	86,940	0	76,761	0	66,582
1/4		1/4		1/4	137,625	1/4	127,446	1/4	117,266	1/4	107,087	1/4	96,908	1/4	86,728	1/4	76,549	1/4	66,370
1/2		1/2	146,832	1/2	137,413	1/2	127,234	1/2	117,054	1/2	106,875	1/2	96,696	1/2	86,516	1/2	76,337	1/2	66,158
3/4		3/4	146,779	3/4	137,201	3/4	127,021	3/4	116,842	3/4	106,663	3/4	96,484	3/4	86,304	3/4	76,125	3/4	65,946
1		1	146,726	1	136,989	1	126,809	1	116,630	1	106,451	1	96,272	1	86,092	1	75,913	1	65,734
1/4		1/4	146,603	1/4	136,777	1/4	126,597	1/4	116,418	1/4	106,239	1/4	96,059	1/4	85,880	1/4	75,701	1/4	65,522
1/2		1/2	146,479	1/2	136,565	1/2	126,385	1/2	116,206	1/2	106,027	1/2	95,847	1/2	85,668	1/2	75,489	1/2	65,309
3/4		3/4	146,355	3/4	136,352	3/4	126,173	3/4	115,994	3/4	105,815	3/4	95,635	3/4	85,456	3/4	75,277	3/4	65,097
2		2	146,232	2	136,140	2	125,961	2	115,782	2	105,603	2	95,423	2	85,244	2	75,065	2	64,885
1/4		1/4	146,040	1/4	135,928	1/4	125,749	1/4	115,570	1/4	105,390	1/4	95,211	1/4	85,032	1/4	74,853	1/4	64,673
1/2		1/2	145,849	1/2	135,716	1/2	125,537	1/2	115,358	1/2	105,178	1/2	94,999	1/2	84,820	1/2	74,641	1/2	64,461
3/4		3/4	145,657	3/4	135,504	3/4	125,325	3/4	115,146	3/4	104,966	3/4	94,787	3/4	84,608	3/4	74,428	3/4	64,249
3		3	145,466	3	135,292	3	125,113	3	114,934	3	104,754	3	94,575	3	84,396	3	74,216	3	64,037
1/4		1/4	145,255	1/4	135,080	1/4	124,901	1/4	114,721	1/4	104,542	1/4	94,363	1/4	84,184	1/4	74,004	1/4	63,825
1/2		1/2	145,045	1/2	134,868	1/2	124,689	1/2	114,509	1/2	104,330	1/2	94,151	1/2	83,972	1/2	73,792	1/2	63,613
3/4		3/4	144,834	3/4	134,656	3/4	124,477	3/4	114,297	3/4	104,118	3/4	93,939	3/4	83,759	3/4	73,580	3/4	63,401
4		4	144,623	4	134,444	4	124,265	4	114,085	4	103,906	4	93,727	4	83,547	4	73,368	4	63,189
1/4		1/4	144,411	1/4	134,232	1/4	124,052	1/4	113,873	1/4	103,694	1/4	93,515	1/4	83,335	1/4	73,156	1/4	62,977
1/2		1/2	144,200	1/2	134,020	1/2	123,840	1/2	113,661	1/2	103,482	1/2	93,303	1/2	83,123	1/2	72,944	1/2	62,765
3/4		3/4	143,988	3/4	133,808	3/4	123,628	3/4	113,449	3/4	103,270	3/4	93,090	3/4	82,911	3/4	72,732	3/4	62,553
5		5	143,776	5	133,596	5	123,416	5	113,237	5	103,058	5	92,878	5	82,699	5	72,520	5	62,341
1/4		1/4	143,564	1/4	133,384	1/4	123,204	1/4	113,025	1/4	102,846	1/4	92,666	1/4	82,487	1/4	72,308	1/4	62,128
1/2		1/2	143,351	1/2	133,171	1/2	122,992	1/2	112,813	1/2	102,634	1/2	92,454	1/2	82,275	1/2	72,096	1/2	61,916
3/4		3/4	143,139	3/4	132,959	3/4	122,780	3/4	112,601	3/4	102,421	3/4	92,242	3/4	82,063	3/4	71,884	3/4	61,704
6		6	142,927	6	132,747	6	122,568	6	112,389	6	102,209	6	92,030	6	81,851	6	71,672	6	61,492
1/4		1/4	142,715	1/4	132,535	1/4	122,356	1/4	112,177	1/4	101,997	1/4	91,818	1/4	81,639	1/4	71,459	1/4	61,280
1/2		1/2	142,502	1/2	132,323	1/2	122,144	1/2	111,965	1/2	101,785	1/2	91,606	1/2	81,427	1/2	71,247	1/2	61,068
3/4		3/4	142,290	3/4	132,111	3/4	121,932	3/4	111,753	3/4	101,573	3/4	91,394	3/4	81,215	3/4	71,035	3/4	60,856
7		7	142,078	7	131,899	7	121,720	7	111,540	7	101,361	7	91,182	7	81,003	7	70,823	7	60,644
1/4		1/4	141,866	1/4	131,687	1/4	121,508	1/4	111,328	1/4	101,149	1/4	90,970	1/4	80,791	1/4	70,611	1/4	60,432
1/2		1/2	141,654	1/2	131,475	1/2	121,296	1/2	111,116	1/2	100,937	1/2	90,758	1/2	80,578	1/2	70,399	1/2	60,220
3/4		3/4	141,442	3/4	131,263	3/4	121,084	3/4	110,904	3/4	100,725	3/4	90,546	3/4	80,366	3/4	70,187	3/4	60,008
8		8	141,230	8	131,051	8	120,871	8	110,692	8	100,513	8	90,334	8	80,154	8	69,975	8	59,796
1/4		1/4	141,018	1/4	130,839	1/4	120,659	1/4	110,480	1/4	100,301	1/4	90,122	1/4	79,942	1/4	69,763	1/4	59,584
1/2		1/2	140,806	1/2	130,627	1/2	120,447	1/2	110,268	1/2	100,089	1/2	89,909	1/2	79,730	1/2	69,551	1/2	59,372
3/4		3/4	140,594	3/4	130,415	3/4	120,235	3/4	110,056	3/4	99,877	3/4	89,697	3/4	79,518	3/4	69,339	3/4	59,160
9		9	140,382	9	130,202	9	120,023	9	109,844	9	99,665	9	89,485	9	79,306	9	69,127	9	58,947
1/4		1/4	140,170	1/4	129,990	1/4	119,811	1/4	109,632	1/4	99,453	1/4	89,273	1/4	79,094	1/4	68,915	1/4	58,735
1/2		1/2	139,958	1/2	129,778	1/2	119,599	1/2	109,420	1/2	99,240	1/2	89,061	1/2	78,882	1/2	68,703	1/2	58,523
3/4		3/4	139,746	3/4	129,566	3/4	119,387	3/4	109,208	3/4	99,028	3/4	88,849	3/4	78,670	3/4	68,491	3/4	58,311
10		10	139,534	10	129,354	10	119,175	10	108,996	10	98,816	10	88,637	10	78,458	10	68,278	10	58,099
1/4		1/4	139,321	1/4	129,142	1/4	118,963	1/4	108,784	1/4	98,604	1/4	88,425	1/4	78,246	1/4	68,066	1/4	57,887
1/2		1/2	139,109	1/2	128,930	1/2	118,751	1/2	108,571	1/2	98,392	1/2	88,213	1/2	78,034	1/2	67,854	1/2	57,675
3/4		3/4	138,897	3/4	128,718	3/4	118,539	3/4	108,359	3/4	98,180	3/4	88,001	3/4	77,822	3/4	67,642	3/4	57,463
11		11	138,685	11	128,506	11	118,327	11	108,147	11	97,968	11	87,789	11	77,609	11	67,430	11	57,251
1/4		1/4	138,473	1/4	128,294	1/4	118,115	1/4	107,935	1/4	97,756	1/4	87,577	1/4	77,397	1/4	67,218	1/4	57,039
1/2		1/2	138,261	1/2	128,082	1/2	117,903	1/2	107,723	1/2	97,544	1/2	87,365	1/2	77,185	1/2	67,006	1/2	56,827
3/4		3/4	138,049	3/4	127,870	3/4	117,690	3/4	107,511	3/4	97,332	3/4	87,153	3/4	76,973	3/4	66,794	3/4	56,615

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

PRECISION MEASUREMENT
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BARGE "CBC 1113"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	56,403	0	46,223	0	36,044	0	25,884	0	15,711	0	5,533	0		0		0		0	
1/4	56,191	1/4	46,011	1/4	35,832	1/4	25,672	1/4	15,499	1/4	5,321	1/4		1/4		1/4		1/4	
1/2	55,978	1/2	45,799	1/2	35,620	1/2	25,461	1/2	15,287	1/2	5,109	1/2		1/2		1/2		1/2	
3/4	55,766	3/4	45,587	3/4	35,408	3/4	25,249	3/4	15,075	3/4	4,897	3/4		3/4		3/4		3/4	
1	55,554	1	45,375	1	35,196	1	25,038	1	14,863	1	4,685	1		1		1		1	
1/4	55,342	1/4	45,163	1/4	34,984	1/4	24,826	1/4	14,651	1/4	4,473	1/4		1/4		1/4		1/4	
1/2	55,130	1/2	44,951	1/2	34,772	1/2	24,615	1/2	14,439	1/2	4,261	1/2		1/2		1/2		1/2	
3/4	54,918	3/4	44,739	3/4	34,560	3/4	24,404	3/4	14,227	3/4	4,049	3/4		3/4		3/4		3/4	
2	54,706	2	44,527	2	34,347	2	24,192	2	14,014	2	3,837	2		2		2		2	
1/4	54,494	1/4	44,315	1/4	34,135	1/4	23,980	1/4	13,802	1/4	3,625	1/4		1/4		1/4		1/4	
1/2	54,282	1/2	44,103	1/2	33,923	1/2	23,768	1/2	13,590	1/2	3,413	1/2		1/2		1/2		1/2	
3/4	54,070	3/4	43,891	3/4	33,711	3/4	23,556	3/4	13,378	3/4	3,201	3/4		3/4		3/4		3/4	
3	53,858	3	43,678	3	33,499	3	23,344	3	13,166	3	2,989	3		3		3		3	
1/4	53,646	1/4	43,466	1/4	33,287	1/4	23,132	1/4	12,954	1/4	2,778	1/4		1/4		1/4		1/4	
1/2	53,434	1/2	43,254	1/2	33,075	1/2	22,920	1/2	12,742	1/2	2,566	1/2		1/2		1/2		1/2	
3/4	53,222	3/4	43,042	3/4	32,863	3/4	22,708	3/4	12,530	3/4	2,355	3/4		3/4		3/4		3/4	
4	53,010	4	42,830	4	32,651	4	22,496	4	12,318	4	2,143	4		4		4		4	
1/4	52,797	1/4	42,618	1/4	32,439	1/4	22,284	1/4	12,106	1/4	1,933	1/4		1/4		1/4		1/4	
1/2	52,585	1/2	42,406	1/2	32,228	1/2	22,072	1/2	11,894	1/2	1,723	1/2		1/2		1/2		1/2	
3/4	52,373	3/4	42,194	3/4	32,016	3/4	21,860	3/4	11,682	3/4	1,513	3/4		3/4		3/4		3/4	
5	52,161	5	41,982	5	31,804	5	21,648	5	11,470	5	1,302	5		5		5		5	
1/4	51,949	1/4	41,770	1/4	31,593	1/4	21,436	1/4	11,258	1/4	1,126	1/4		1/4		1/4		1/4	
1/2	51,737	1/2	41,558	1/2	31,381	1/2	21,224	1/2	11,046	1/2	949	1/2		1/2		1/2		1/2	
3/4	51,525	3/4	41,346	3/4	31,169	3/4	21,012	3/4	10,834	3/4	772	3/4		3/4		3/4		3/4	
6	51,313	6	41,134	6	30,958	6	20,800	6	10,622	6	596	6		6		6		6	
1/4	51,101	1/4	40,922	1/4	30,746	1/4	20,588	1/4	10,410	1/4	490	1/4		1/4		1/4		1/4	
1/2	50,889	1/2	40,710	1/2	30,535	1/2	20,376	1/2	10,198	1/2	384	1/2		1/2		1/2		1/2	
3/4	50,677	3/4	40,497	3/4	30,324	3/4	20,164	3/4	9,986	3/4	278	3/4		3/4		3/4		3/4	
7	50,465	7	40,285	7	30,112	7	19,951	7	9,774	7	172	7		7		7		7	
1/4	50,253	1/4	40,073	1/4	29,901	1/4	19,739	1/4	9,562	1/4	137	1/4		1/4		1/4		1/4	
1/2	50,041	1/2	39,861	1/2	29,689	1/2	19,527	1/2	9,350	1/2	101	1/2		1/2		1/2		1/2	
3/4	49,828	3/4	39,649	3/4	29,478	3/4	19,315	3/4	9,138	3/4	66	3/4		3/4		3/4		3/4	
8	49,616	8	39,437	8	29,266	8	19,103	8	8,926	8	31	8		8		8		8	
1/4	49,404	1/4	39,225	1/4	29,055	1/4	18,891	1/4	8,714	1/4		1/4		1/4		1/4		1/4	
1/2	49,192	1/2	39,013	1/2	28,844	1/2	18,679	1/2	8,502	1/2		1/2		1/2		1/2		1/2	
3/4	48,980	3/4	38,801	3/4	28,632	3/4	18,467	3/4	8,290	3/4		3/4		3/4		3/4		3/4	
9	48,768	9	38,589	9	28,421	9	18,255	9	8,078	9		9		9		9		9	
1/4	48,556	1/4	38,377	1/4	28,209	1/4	18,043	1/4	7,865	1/4		1/4		1/4		1/4		1/4	
1/2	48,344	1/2	38,165	1/2	27,998	1/2	17,831	1/2	7,653	1/2		1/2		1/2		1/2		1/2	
3/4	48,132	3/4	37,953	3/4	27,786	3/4	17,619	3/4	7,441	3/4		3/4		3/4		3/4		3/4	
10	47,920	10	37,741	10	27,575	10	17,407	10	7,229	10		10		10		10		10	
1/4	47,708	1/4	37,529	1/4	27,364	1/4	17,195	1/4	7,017	1/4		1/4		1/4		1/4		1/4	
1/2	47,496	1/2	37,316	1/2	27,152	1/2	16,983	1/2	6,805	1/2		1/2		1/2		1/2		1/2	
3/4	47,284	3/4	37,104	3/4	26,941	3/4	16,771	3/4	6,593	3/4		3/4		3/4		3/4		3/4	
11	47,072	11	36,892	11	26,729	11	16,559	11	6,381	11		11		11		11		11	
1/4	46,860	1/4	36,680	1/4	26,518	1/4	16,347	1/4	6,169	1/4		1/4		1/4		1/4		1/4	
1/2	46,647	1/2	36,468	1/2	26,306	1/2	16,135	1/2	5,957	1/2		1/2		1/2		1/2		1/2	
3/4	46,435	3/4	36,256	3/4	26,095	3/4	15,923	3/4	5,745	3/4		3/4		3/4		3/4		3/4	

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ALL PRIOR TO 09/2021

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