



BARGE "CBC 1011"

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	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/8	01-1/8
2 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4
3 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8

(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 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 166'-03"

May 26, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1011"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	35	0	8,102	0	18,912	0	29,598	0	40,251	0	51,031	0	61,811	0	72,573	0	83,291	0	94,074
1/4	54	1/4	8,327	1/4	19,137	1/4	29,816	1/4	40,475	1/4	51,255	1/4	62,036	1/4	72,795	1/4	83,515	1/4	94,299
1/2	72	1/2	8,552	1/2	19,362	1/2	30,035	1/2	40,700	1/2	51,480	1/2	62,260	1/2	73,017	1/2	83,740	1/2	94,523
3/4	91	3/4	8,778	3/4	19,587	3/4	30,253	3/4	40,924	3/4	51,705	3/4	62,485	3/4	73,239	3/4	83,965	3/4	94,748
1	110	1	9,003	1	19,812	1	30,472	1	41,149	1	51,929	1	62,710	1	73,461	1	84,189	1	94,973
1/4	166	1/4	9,228	1/4	20,038	1/4	30,690	1/4	41,374	1/4	52,154	1/4	62,934	1/4	73,683	1/4	84,414	1/4	95,197
1/2	223	1/2	9,453	1/2	20,263	1/2	30,909	1/2	41,598	1/2	52,378	1/2	63,159	1/2	73,905	1/2	84,639	1/2	95,422
3/4	279	3/4	9,678	3/4	20,488	3/4	31,128	3/4	41,823	3/4	52,603	3/4	63,383	3/4	74,127	3/4	84,864	3/4	95,646
2	335	2	9,904	2	20,713	2	31,346	2	42,047	2	52,828	2	63,608	2	74,349	2	85,088	2	95,871
1/4	429	1/4	10,129	1/4	20,938	1/4	31,565	1/4	42,272	1/4	53,052	1/4	63,832	1/4	74,572	1/4	85,313	1/4	96,095
1/2	523	1/2	10,354	1/2	21,163	1/2	31,783	1/2	42,496	1/2	53,277	1/2	64,057	1/2	74,794	1/2	85,538	1/2	96,320
3/4	617	3/4	10,579	3/4	21,389	3/4	32,002	3/4	42,721	3/4	53,501	3/4	64,282	3/4	75,016	3/4	85,762	3/4	96,545
3	710	3	10,804	3	21,614	3	32,220	3	42,946	3	53,726	3	64,506	3	75,238	3	85,987	3	96,769
1/4	842	1/4	11,030	1/4	21,839	1/4	32,439	1/4	43,170	1/4	53,950	1/4	64,731	1/4	75,460	1/4	86,212	1/4	96,994
1/2	973	1/2	11,255	1/2	22,064	1/2	32,658	1/2	43,395	1/2	54,175	1/2	64,955	1/2	75,682	1/2	86,437	1/2	97,219
3/4	1,105	3/4	11,480	3/4	22,289	3/4	32,876	3/4	43,619	3/4	54,400	3/4	65,180	3/4	75,904	3/4	86,661	3/4	97,444
4	1,236	4	11,705	4	22,515	4	33,095	4	43,844	4	54,624	4	65,405	4	76,126	4	86,886	4	97,668
1/4	1,405	1/4	11,930	1/4	22,740	1/4	33,313	1/4	44,068	1/4	54,849	1/4	65,629	1/4	76,348	1/4	87,111	1/4	97,893
1/2	1,574	1/2	12,156	1/2	22,965	1/2	33,532	1/2	44,293	1/2	55,073	1/2	65,854	1/2	76,571	1/2	87,335	1/2	98,118
3/4	1,743	3/4	12,381	3/4	23,190	3/4	33,750	3/4	44,518	3/4	55,298	3/4	66,078	3/4	76,793	3/4	87,560	3/4	98,342
5	1,911	5	12,606	5	23,415	5	33,969	5	44,742	5	55,523	5	66,303	5	77,015	5	87,785	5	98,567
1/4	2,117	1/4	12,831	1/4	23,641	1/4	34,193	1/4	44,967	1/4	55,747	1/4	66,528	1/4	77,237	1/4	88,009	1/4	98,792
1/2	2,323	1/2	13,056	1/2	23,866	1/2	34,417	1/2	45,191	1/2	55,972	1/2	66,752	1/2	77,459	1/2	88,234	1/2	99,016
3/4	2,529	3/4	13,282	3/4	24,091	3/4	34,641	3/4	45,416	3/4	56,196	3/4	66,977	3/4	77,681	3/4	88,459	3/4	99,241
6	2,735	6	13,507	6	24,316	6	34,865	6	45,641	6	56,421	6	67,201	6	77,903	6	88,684	6	99,466
1/4	2,956	1/4	13,732	1/4	24,541	1/4	35,089	1/4	45,865	1/4	56,646	1/4	67,426	1/4	78,126	1/4	88,908	1/4	99,690
1/2	3,176	1/2	13,957	1/2	24,767	1/2	35,312	1/2	46,090	1/2	56,870	1/2	67,651	1/2	78,350	1/2	89,133	1/2	99,915
3/4	3,397	3/4	14,182	3/4	24,992	3/4	35,536	3/4	46,314	3/4	57,095	3/4	67,875	3/4	78,573	3/4	89,358	3/4	100,140
7	3,618	7	14,408	7	25,217	7	35,760	7	46,539	7	57,319	7	68,100	7	78,796	7	89,582	7	100,364
1/4	3,840	1/4	14,633	1/4	25,436	1/4	35,985	1/4	46,764	1/4	57,544	1/4	68,324	1/4	79,021	1/4	89,807	1/4	100,589
1/2	4,063	1/2	14,858	1/2	25,655	1/2	36,209	1/2	46,988	1/2	57,769	1/2	68,549	1/2	79,246	1/2	90,032	1/2	100,814
3/4	4,286	3/4	15,083	3/4	25,874	3/4	36,433	3/4	47,213	3/4	57,993	3/4	68,773	3/4	79,470	3/4	90,257	3/4	101,038
8	4,508	8	15,308	8	26,094	8	36,658	8	47,437	8	58,218	8	68,998	8	79,695	8	90,481	8	101,263
1/4	4,732	1/4	15,534	1/4	26,313	1/4	36,882	1/4	47,662	1/4	58,442	1/4	69,222	1/4	79,920	1/4	90,706	1/4	101,488
1/2	4,956	1/2	15,759	1/2	26,532	1/2	37,107	1/2	47,887	1/2	58,667	1/2	69,446	1/2	80,145	1/2	90,930	1/2	101,712
3/4	5,180	3/4	15,984	3/4	26,751	3/4	37,331	3/4	48,111	3/4	58,891	3/4	69,670	3/4	80,369	3/4	91,155	3/4	101,937
9	5,403	9	16,209	9	26,970	9	37,556	9	48,336	9	59,116	9	69,894	9	80,594	9	91,380	9	102,162
1/4	5,628	1/4	16,434	1/4	27,189	1/4	37,780	1/4	48,560	1/4	59,341	1/4	70,118	1/4	80,819	1/4	91,604	1/4	102,386
1/2	5,852	1/2	16,660	1/2	27,408	1/2	38,005	1/2	48,785	1/2	59,565	1/2	70,342	1/2	81,043	1/2	91,829	1/2	102,611
3/4	6,077	3/4	16,885	3/4	27,627	3/4	38,230	3/4	49,009	3/4	59,790	3/4	70,566	3/4	81,268	3/4	92,053	3/4	102,836
10	6,301	10	17,110	10	27,846	10	38,454	10	49,234	10	60,014	10	70,790	10	81,493	10	92,278	10	103,060
1/4	6,526	1/4	17,335	1/4	28,065	1/4	38,679	1/4	49,459	1/4	60,239	1/4	71,014	1/4	81,718	1/4	92,502	1/4	103,285
1/2	6,751	1/2	17,560	1/2	28,284	1/2	38,903	1/2	49,683	1/2	60,464	1/2	71,237	1/2	81,942	1/2	92,727	1/2	103,510
3/4	6,976	3/4	17,786	3/4	28,503	3/4	39,128	3/4	49,908	3/4	60,688	3/4	71,461	3/4	82,167	3/4	92,951	3/4	103,734
11	7,201	11	18,011	11	28,722	11	39,352	11	50,132	11	60,913	11	71,684	11	82,392	11	93,176	11	103,959
1/4	7,427	1/4	18,236	1/4	28,941	1/4	39,577	1/4	50,357	1/4	61,137	1/4	71,906	1/4	82,616	1/4	93,401	1/4	104,184
1/2	7,652	1/2	18,461	1/2	29,160	1/2	39,802	1/2	50,582	1/2	61,362	1/2	72,128	1/2	82,841	1/2	93,625	1/2	104,408
3/4	7,877	3/4	18,686	3/4	29,379	3/4	40,026	3/4	50,806	3/4	61,587	3/4	72,351	3/4	83,066	3/4	93,850	3/4	104,633

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1011"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	104,858	0	114,974	0	124,456	0	133,938	0	143,420	0		0		0		0		0	
1/4	105,082	1/4	115,172	1/4	124,654	1/4	134,135	1/4	143,617	1/4		1/4		1/4		1/4		1/4	
1/2	105,307	1/2	115,369	1/2	124,851	1/2	134,333	1/2	143,815	1/2		1/2		1/2		1/2		1/2	
3/4	105,532	3/4	115,567	3/4	125,049	3/4	134,531	3/4	144,012	3/4		3/4		3/4		3/4		3/4	
1	105,756	1	115,765	1	125,246	1	134,728	1	144,210	1		1		1		1		1	
1/4	105,981	1/4	115,962	1/4	125,444	1/4	134,926	1/4	144,407	1/4		1/4		1/4		1/4		1/4	
1/2	106,206	1/2	116,160	1/2	125,641	1/2	135,123	1/2	144,605	1/2		1/2		1/2		1/2		1/2	
3/4	106,430	3/4	116,357	3/4	125,839	3/4	135,321	3/4	144,802	3/4		3/4		3/4		3/4		3/4	
2	106,655	2	116,555	2	126,036	2	135,518	2	145,000	2		2		2		2		2	
1/4	106,880	1/4	116,752	1/4	126,234	1/4	135,716	1/4	145,179	1/4		1/4		1/4		1/4		1/4	
1/2	107,104	1/2	116,950	1/2	126,432	1/2	135,913	1/2	145,358	1/2		1/2		1/2		1/2		1/2	
3/4	107,329	3/4	117,147	3/4	126,629	3/4	136,111	3/4	145,536	3/4		3/4		3/4		3/4		3/4	
3	107,554	3	117,345	3	126,827	3	136,308	3	145,715	3		3		3		3		3	
1/4	107,779	1/4	117,542	1/4	127,024	1/4	136,506	1/4	145,884	1/4		1/4		1/4		1/4		1/4	
1/2	108,003	1/2	117,740	1/2	127,222	1/2	136,703	1/2	146,053	1/2		1/2		1/2		1/2		1/2	
3/4	108,228	3/4	117,937	3/4	127,419	3/4	136,901	3/4	146,222	3/4		3/4		3/4		3/4		3/4	
4	108,453	4	118,135	4	127,617	4	137,099	4	146,391	4		4		4		4		4	
1/4	108,677	1/4	118,333	1/4	127,814	1/4	137,296	1/4	146,522	1/4		1/4		1/4		1/4		1/4	
1/2	108,901	1/2	118,530	1/2	128,012	1/2	137,494	1/2	146,653	1/2		1/2		1/2		1/2		1/2	
3/4	109,125	3/4	118,728	3/4	128,209	3/4	137,691	3/4	146,785	3/4		3/4		3/4		3/4		3/4	
5	109,349	5	118,925	5	128,407	5	137,889	5	146,916	5		5		5		5		5	
1/4	109,573	1/4	119,123	1/4	128,604	1/4	138,086	1/4	147,010	1/4		1/4		1/4		1/4		1/4	
1/2	109,798	1/2	119,320	1/2	128,802	1/2	138,284	1/2	147,104	1/2		1/2		1/2		1/2		1/2	
3/4	110,022	3/4	119,518	3/4	129,000	3/4	138,481	3/4	147,198	3/4		3/4		3/4		3/4		3/4	
6	110,246	6	119,715	6	129,197	6	138,679	6	147,291	6		6		6		6		6	
1/4	110,443	1/4	119,913	1/4	129,395	1/4	138,876	1/4	147,348	1/4		1/4		1/4		1/4		1/4	
1/2	110,640	1/2	120,110	1/2	129,592	1/2	139,074	1/2	147,404	1/2		1/2		1/2		1/2		1/2	
3/4	110,837	3/4	120,308	3/4	129,790	3/4	139,271	3/4	147,460	3/4		3/4		3/4		3/4		3/4	
7	111,034	7	120,505	7	129,987	7	139,469	7	147,517	7		7		7		7		7	
1/4	111,231	1/4	120,703	1/4	130,185	1/4	139,666	1/4	147,535	1/4		1/4		1/4		1/4		1/4	
1/2	111,428	1/2	120,901	1/2	130,382	1/2	139,864	1/2	147,554	1/2		1/2		1/2		1/2		1/2	
3/4	111,625	3/4	121,098	3/4	130,580	3/4	140,062	3/4	147,573	3/4		3/4		3/4		3/4		3/4	
8	111,822	8	121,296	8	130,777	8	140,259	8	147,592	8		8		8		8		8	
1/4	112,019	1/4	121,493	1/4	130,975	1/4	140,457	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,216	1/2	121,691	1/2	131,172	1/2	140,654	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,413	3/4	121,888	3/4	131,370	3/4	140,852	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,610	9	122,086	9	131,567	9	141,049	9		9		9		9		9		9	
1/4	112,807	1/4	122,283	1/4	131,765	1/4	141,247	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,004	1/2	122,481	1/2	131,963	1/2	141,444	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,201	3/4	122,678	3/4	132,160	3/4	141,642	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,398	10	122,876	10	132,358	10	141,839	10		10		10		10		10		10	
1/4	113,595	1/4	123,073	1/4	132,555	1/4	142,037	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,792	1/2	123,271	1/2	132,753	1/2	142,234	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,989	3/4	123,468	3/4	132,950	3/4	142,432	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,186	11	123,666	11	133,148	11	142,630	11		11		11		11		11		11	
1/4	114,383	1/4	123,864	1/4	133,345	1/4	142,827	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,580	1/2	124,061	1/2	133,543	1/2	143,025	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,777	3/4	124,259	3/4	133,740	3/4	143,222	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
PRINTED: 05/27/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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<http://www.dmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020



BARGE "CBC 1011"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	35	0	9,064	0	21,162	0	33,114	0	45,063	0	57,162	0	69,260	0	81,359	0	93,457	0	105,556
1/4	56	1/4	9,316	1/4	21,415	1/4	33,359	1/4	45,315	1/4	57,414	1/4	69,512	1/4	81,611	1/4	93,709	1/4	105,808
1/2	77	1/2	9,568	1/2	21,667	1/2	33,603	1/2	45,567	1/2	57,666	1/2	69,764	1/2	81,863	1/2	93,961	1/2	106,060
3/4	98	3/4	9,821	3/4	21,919	3/4	33,848	3/4	45,819	3/4	57,918	3/4	70,016	3/4	82,115	3/4	94,213	3/4	106,312
1	119	1	10,073	1	22,171	1	34,093	1	46,071	1	58,170	1	70,268	1	82,367	1	94,465	1	106,564
1/4	182	1/4	10,325	1/4	22,423	1/4	34,337	1/4	46,323	1/4	58,422	1/4	70,520	1/4	82,619	1/4	94,717	1/4	106,816
1/2	245	1/2	10,577	1/2	22,675	1/2	34,582	1/2	46,575	1/2	58,674	1/2	70,772	1/2	82,871	1/2	94,969	1/2	107,068
3/4	308	3/4	10,829	3/4	22,927	3/4	34,826	3/4	46,827	3/4	58,926	3/4	71,024	3/4	83,123	3/4	95,221	3/4	107,320
2	371	2	11,081	2	23,179	2	35,071	2	47,079	2	59,178	2	71,276	2	83,375	2	95,474	2	107,572
1/4	476	1/4	11,333	1/4	23,431	1/4	35,315	1/4	47,331	1/4	59,430	1/4	71,529	1/4	83,627	1/4	95,726	1/4	107,824
1/2	581	1/2	11,585	1/2	23,683	1/2	35,560	1/2	47,584	1/2	59,682	1/2	71,781	1/2	83,879	1/2	95,978	1/2	108,076
3/4	686	3/4	11,837	3/4	23,935	3/4	35,804	3/4	47,836	3/4	59,934	3/4	72,033	3/4	84,131	3/4	96,230	3/4	108,328
3	791	3	12,089	3	24,187	3	36,049	3	48,088	3	60,186	3	72,285	3	84,383	3	96,482	3	108,580
1/4	938	1/4	12,341	1/4	24,439	1/4	36,294	1/4	48,340	1/4	60,438	1/4	72,537	1/4	84,635	1/4	96,734	1/4	108,832
1/2	1,085	1/2	12,593	1/2	24,691	1/2	36,538	1/2	48,592	1/2	60,690	1/2	72,789	1/2	84,887	1/2	96,986	1/2	109,084
3/4	1,232	3/4	12,845	3/4	24,943	3/4	36,783	3/4	48,844	3/4	60,942	3/4	73,041	3/4	85,139	3/4	97,238	3/4	109,336
4	1,379	4	13,097	4	25,195	4	37,027	4	49,096	4	61,194	4	73,293	4	85,391	4	97,490	4	109,588
1/4	1,568	1/4	13,349	1/4	25,447	1/4	37,272	1/4	49,348	1/4	61,446	1/4	73,545	1/4	85,643	1/4	97,742	1/4	109,841
1/2	1,757	1/2	13,601	1/2	25,699	1/2	37,516	1/2	49,600	1/2	61,698	1/2	73,797	1/2	85,896	1/2	97,994	1/2	110,093
3/4	1,946	3/4	13,853	3/4	25,951	3/4	37,761	3/4	49,852	3/4	61,951	3/4	74,049	3/4	86,148	3/4	98,246	3/4	110,345
5	2,135	5	14,105	5	26,203	5	38,006	5	50,104	5	62,203	5	74,301	5	86,400	5	98,498	5	110,597
1/4	2,366	1/4	14,357	1/4	26,455	1/4	38,258	1/4	50,356	1/4	62,455	1/4	74,553	1/4	86,652	1/4	98,750	1/4	110,849
1/2	2,596	1/2	14,609	1/2	26,707	1/2	38,510	1/2	50,608	1/2	62,707	1/2	74,805	1/2	86,904	1/2	99,002	1/2	111,101
3/4	2,826	3/4	14,861	3/4	26,959	3/4	38,762	3/4	50,860	3/4	62,959	3/4	75,057	3/4	87,156	3/4	99,254	3/4	111,353
6	3,057	6	15,113	6	27,212	6	39,014	6	51,112	6	63,211	6	75,309	6	87,408	6	99,506	6	111,605
1/4	3,304	1/4	15,365	1/4	27,464	1/4	39,266	1/4	51,364	1/4	63,463	1/4	75,561	1/4	87,660	1/4	99,758	1/4	111,857
1/2	3,551	1/2	15,618	1/2	27,716	1/2	39,518	1/2	51,616	1/2	63,715	1/2	75,813	1/2	87,912	1/2	100,010	1/2	112,109
3/4	3,798	3/4	15,870	3/4	27,968	3/4	39,770	3/4	51,868	3/4	63,967	3/4	76,065	3/4	88,164	3/4	100,263	3/4	112,361
7	4,045	7	16,122	7	28,220	7	40,022	7	52,120	7	64,219	7	76,318	7	88,416	7	100,515	7	112,613
1/4	4,294	1/4	16,374	1/4	28,465	1/4	40,274	1/4	52,373	1/4	64,471	1/4	76,570	1/4	88,668	1/4	100,767	1/4	112,865
1/2	4,543	1/2	16,626	1/2	28,710	1/2	40,526	1/2	52,625	1/2	64,723	1/2	76,822	1/2	88,920	1/2	101,019	1/2	113,117
3/4	4,792	3/4	16,878	3/4	28,955	3/4	40,778	3/4	52,877	3/4	64,975	3/4	77,074	3/4	89,172	3/4	101,271	3/4	113,369
8	5,042	8	17,130	8	29,200	8	41,030	8	53,129	8	65,227	8	77,326	8	89,424	8	101,523	8	113,621
1/4	5,292	1/4	17,382	1/4	29,445	1/4	41,282	1/4	53,381	1/4	65,479	1/4	77,578	1/4	89,676	1/4	101,775	1/4	113,873
1/2	5,543	1/2	17,634	1/2	29,690	1/2	41,534	1/2	53,633	1/2	65,731	1/2	77,830	1/2	89,928	1/2	102,027	1/2	114,125
3/4	5,793	3/4	17,886	3/4	29,935	3/4	41,786	3/4	53,885	3/4	65,983	3/4	78,082	3/4	90,180	3/4	102,279	3/4	114,377
9	6,044	9	18,138	9	30,179	9	42,038	9	54,137	9	66,235	9	78,334	9	90,432	9	102,531	9	114,630
1/4	6,295	1/4	18,390	1/4	30,424	1/4	42,290	1/4	54,389	1/4	66,487	1/4	78,586	1/4	90,685	1/4	102,783	1/4	114,882
1/2	6,546	1/2	18,642	1/2	30,669	1/2	42,542	1/2	54,641	1/2	66,740	1/2	78,838	1/2	90,937	1/2	103,035	1/2	115,134
3/4	6,798	3/4	18,894	3/4	30,913	3/4	42,795	3/4	54,893	3/4	66,992	3/4	79,090	3/4	91,189	3/4	103,287	3/4	115,386
10	7,049	10	19,146	10	31,158	10	43,047	10	55,145	10	67,244	10	79,342	10	91,441	10	103,539	10	115,638
1/4	7,301	1/4	19,398	1/4	31,402	1/4	43,299	1/4	55,397	1/4	67,496	1/4	79,594	1/4	91,693	1/4	103,791	1/4	115,890
1/2	7,553	1/2	19,650	1/2	31,647	1/2	43,551	1/2	55,649	1/2	67,748	1/2	79,846	1/2	91,945	1/2	104,043	1/2	116,142
3/4	7,804	3/4	19,902	3/4	31,891	3/4	43,803	3/4	55,901	3/4	68,000	3/4	80,098	3/4	92,197	3/4	104,295	3/4	116,394
11	8,056	11	20,154	11	32,136	11	44,055	11	56,153	11	68,252	11	80,350	11	92,449	11	104,547	11	116,646
1/4	8,308	1/4	20,406	1/4	32,381	1/4	44,307	1/4	56,405	1/4	68,504	1/4	80,602	1/4	92,701	1/4	104,799	1/4	116,898
1/2	8,560	1/2	20,658	1/2	32,625	1/2	44,559	1/2	56,657	1/2	68,756	1/2	80,854	1/2	92,953	1/2	105,052	1/2	117,150
3/4	8,812	3/4	20,910	3/4	32,870	3/4	44,811	3/4	56,909	3/4	69,008	3/4	81,107	3/4	93,205	3/4	105,304	3/4	117,402

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-06" 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 1011"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	117,654	0	129,753	0	141,851	0	153,950	0	166,048	0		0		0		0		0	
1/4	117,906	1/4	130,005	1/4	142,103	1/4	154,202	1/4	166,300	1/4		1/4		1/4		1/4		1/4	
1/2	118,158	1/2	130,257	1/2	142,355	1/2	154,454	1/2	166,552	1/2		1/2		1/2		1/2		1/2	
3/4	118,410	3/4	130,509	3/4	142,607	3/4	154,706	3/4	166,804	3/4		3/4		3/4		3/4		3/4	
1	118,662	1	130,761	1	142,859	1	154,958	1	167,056	1		1		1		1		1	
1/4	118,914	1/4	131,013	1/4	143,111	1/4	155,210	1/4	167,309	1/4		1/4		1/4		1/4		1/4	
1/2	119,166	1/2	131,265	1/2	143,364	1/2	155,462	1/2	167,561	1/2		1/2		1/2		1/2		1/2	
3/4	119,419	3/4	131,517	3/4	143,616	3/4	155,714	3/4	167,813	3/4		3/4		3/4		3/4		3/4	
2	119,671	2	131,769	2	143,868	2	155,966	2	168,065	2		2		2		2		2	
1/4	119,923	1/4	132,021	1/4	144,120	1/4	156,218	1/4	168,296	1/4		1/4		1/4		1/4		1/4	
1/2	120,175	1/2	132,273	1/2	144,372	1/2	156,470	1/2	168,527	1/2		1/2		1/2		1/2		1/2	
3/4	120,427	3/4	132,525	3/4	144,624	3/4	156,722	3/4	168,758	3/4		3/4		3/4		3/4		3/4	
3	120,679	3	132,777	3	144,876	3	156,974	3	168,989	3		3		3		3		3	
1/4	120,931	1/4	133,029	1/4	145,128	1/4	157,226	1/4	169,178	1/4		1/4		1/4		1/4		1/4	
1/2	121,183	1/2	133,281	1/2	145,380	1/2	157,478	1/2	169,367	1/2		1/2		1/2		1/2		1/2	
3/4	121,435	3/4	133,533	3/4	145,632	3/4	157,731	3/4	169,556	3/4		3/4		3/4		3/4		3/4	
4	121,687	4	133,786	4	145,884	4	157,983	4	169,745	4		4		4		4		4	
1/4	121,939	1/4	134,038	1/4	146,136	1/4	158,235	1/4	169,892	1/4		1/4		1/4		1/4		1/4	
1/2	122,191	1/2	134,290	1/2	146,388	1/2	158,487	1/2	170,039	1/2		1/2		1/2		1/2		1/2	
3/4	122,443	3/4	134,542	3/4	146,640	3/4	158,739	3/4	170,186	3/4		3/4		3/4		3/4		3/4	
5	122,695	5	134,794	5	146,892	5	158,991	5	170,333	5		5		5		5		5	
1/4	122,947	1/4	135,046	1/4	147,144	1/4	159,243	1/4	170,438	1/4		1/4		1/4		1/4		1/4	
1/2	123,199	1/2	135,298	1/2	147,396	1/2	159,495	1/2	170,543	1/2		1/2		1/2		1/2		1/2	
3/4	123,451	3/4	135,550	3/4	147,648	3/4	159,747	3/4	170,648	3/4		3/4		3/4		3/4		3/4	
6	123,703	6	135,802	6	147,900	6	159,999	6	170,753	6		6		6		6		6	
1/4	123,955	1/4	136,054	1/4	148,153	1/4	160,251	1/4	170,816	1/4		1/4		1/4		1/4		1/4	
1/2	124,208	1/2	136,306	1/2	148,405	1/2	160,503	1/2	170,879	1/2		1/2		1/2		1/2		1/2	
3/4	124,460	3/4	136,558	3/4	148,657	3/4	160,755	3/4	170,942	3/4		3/4		3/4		3/4		3/4	
7	124,712	7	136,810	7	148,909	7	161,007	7	171,005	7		7		7		7		7	
1/4	124,964	1/4	137,062	1/4	149,161	1/4	161,259	1/4	171,026	1/4		1/4		1/4		1/4		1/4	
1/2	125,216	1/2	137,314	1/2	149,413	1/2	161,511	1/2	171,047	1/2		1/2		1/2		1/2		1/2	
3/4	125,468	3/4	137,566	3/4	149,665	3/4	161,763	3/4	171,068	3/4		3/4		3/4		3/4		3/4	
8	125,720	8	137,818	8	149,917	8	162,015	8	171,089	8		8		8		8		8	
1/4	125,972	1/4	138,070	1/4	150,169	1/4	162,267	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,224	1/2	138,322	1/2	150,421	1/2	162,520	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,476	3/4	138,575	3/4	150,673	3/4	162,772	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,728	9	138,827	9	150,925	9	163,024	9		9		9		9		9		9	
1/4	126,980	1/4	139,079	1/4	151,177	1/4	163,276	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,232	1/2	139,331	1/2	151,429	1/2	163,528	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,484	3/4	139,583	3/4	151,681	3/4	163,780	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,736	10	139,835	10	151,933	10	164,032	10		10		10		10		10		10	
1/4	127,988	1/4	140,087	1/4	152,185	1/4	164,284	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,240	1/2	140,339	1/2	152,437	1/2	164,536	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,492	3/4	140,591	3/4	152,689	3/4	164,788	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,744	11	140,843	11	152,942	11	165,040	11		11		11		11		11		11	
1/4	128,997	1/4	141,095	1/4	153,194	1/4	165,292	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,249	1/2	141,347	1/2	153,446	1/2	165,544	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,501	3/4	141,599	3/4	153,698	3/4	165,796	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
PRINTED: 05/27/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020



BARGE "CBC 1011"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	35	0	8,037	0	18,758	0	29,464	0	40,168	0	50,889	0	61,611	0	72,333	0	83,055	0	93,776
1/4	54	1/4	8,260	1/4	18,981	1/4	29,687	1/4	40,391	1/4	51,113	1/4	61,835	1/4	72,556	1/4	83,278	1/4	94,000
1/2	72	1/2	8,483	1/2	19,205	1/2	29,909	1/2	40,615	1/2	51,336	1/2	62,058	1/2	72,780	1/2	83,501	1/2	94,223
3/4	91	3/4	8,707	3/4	19,428	3/4	30,132	3/4	40,838	3/4	51,560	3/4	62,281	3/4	73,003	3/4	83,725	3/4	94,446
1	109	1	8,930	1	19,651	1	30,354	1	41,061	1	51,783	1	62,505	1	73,226	1	83,948	1	94,670
1/4	165	1/4	9,154	1/4	19,875	1/4	30,577	1/4	41,285	1/4	52,006	1/4	62,728	1/4	73,450	1/4	84,171	1/4	94,893
1/2	221	1/2	9,377	1/2	20,098	1/2	30,799	1/2	41,508	1/2	52,230	1/2	62,951	1/2	73,673	1/2	84,395	1/2	95,117
3/4	277	3/4	9,600	3/4	20,322	3/4	31,022	3/4	41,731	3/4	52,453	3/4	63,175	3/4	73,896	3/4	84,618	3/4	95,340
2	333	2	9,824	2	20,545	2	31,244	2	41,955	2	52,676	2	63,398	2	74,120	2	84,842	2	95,563
1/4	426	1/4	10,047	1/4	20,768	1/4	31,466	1/4	42,178	1/4	52,900	1/4	63,622	1/4	74,343	1/4	85,065	1/4	95,787
1/2	519	1/2	10,270	1/2	20,992	1/2	31,689	1/2	42,401	1/2	53,123	1/2	63,845	1/2	74,567	1/2	85,288	1/2	96,010
3/4	612	3/4	10,494	3/4	21,215	3/4	31,911	3/4	42,625	3/4	53,347	3/4	64,068	3/4	74,790	3/4	85,512	3/4	96,233
3	705	3	10,717	3	21,438	3	32,134	3	42,848	3	53,570	3	64,292	3	75,013	3	85,735	3	96,457
1/4	835	1/4	10,940	1/4	21,662	1/4	32,356	1/4	43,072	1/4	53,793	1/4	64,515	1/4	75,237	1/4	85,958	1/4	96,680
1/2	965	1/2	11,164	1/2	21,885	1/2	32,579	1/2	43,295	1/2	54,017	1/2	64,738	1/2	75,460	1/2	86,182	1/2	96,904
3/4	1,096	3/4	11,387	3/4	22,108	3/4	32,801	3/4	43,518	3/4	54,240	3/4	64,962	3/4	75,683	3/4	86,405	3/4	97,127
4	1,226	4	11,610	4	22,332	4	33,024	4	43,742	4	54,463	4	65,185	4	75,907	4	86,629	4	97,350
1/4	1,394	1/4	11,834	1/4	22,555	1/4	33,246	1/4	43,965	1/4	54,687	1/4	65,408	1/4	76,130	1/4	86,852	1/4	97,574
1/2	1,561	1/2	12,057	1/2	22,778	1/2	33,469	1/2	44,188	1/2	54,910	1/2	65,632	1/2	76,354	1/2	87,075	1/2	97,797
3/4	1,729	3/4	12,281	3/4	23,002	3/4	33,691	3/4	44,412	3/4	55,133	3/4	65,855	3/4	76,577	3/4	87,299	3/4	98,020
5	1,896	5	12,504	5	23,225	5	33,913	5	44,635	5	55,357	5	66,079	5	76,800	5	87,522	5	98,244
1/4	2,100	1/4	12,727	1/4	23,449	1/4	34,137	1/4	44,859	1/4	55,580	1/4	66,302	1/4	77,024	1/4	87,745	1/4	98,467
1/2	2,304	1/2	12,951	1/2	23,672	1/2	34,360	1/2	45,082	1/2	55,804	1/2	66,525	1/2	77,247	1/2	87,969	1/2	98,690
3/4	2,509	3/4	13,174	3/4	23,895	3/4	34,584	3/4	45,305	3/4	56,027	3/4	66,749	3/4	77,470	3/4	88,192	3/4	98,914
6	2,713	6	13,397	6	24,119	6	34,807	6	45,529	6	56,250	6	66,972	6	77,694	6	88,415	6	99,137
1/4	2,932	1/4	13,621	1/4	24,342	1/4	35,030	1/4	45,752	1/4	56,474	1/4	67,195	1/4	77,917	1/4	88,639	1/4	99,361
1/2	3,151	1/2	13,844	1/2	24,565	1/2	35,254	1/2	45,975	1/2	56,697	1/2	67,419	1/2	78,141	1/2	88,862	1/2	99,584
3/4	3,369	3/4	14,067	3/4	24,789	3/4	35,477	3/4	46,199	3/4	56,920	3/4	67,642	3/4	78,364	3/4	89,086	3/4	99,807
7	3,588	7	14,291	7	25,012	7	35,700	7	46,422	7	57,144	7	67,866	7	78,587	7	89,309	7	100,031
1/4	3,809	1/4	14,514	1/4	25,235	1/4	35,924	1/4	46,645	1/4	57,367	1/4	68,089	1/4	78,811	1/4	89,532	1/4	100,254
1/2	4,030	1/2	14,738	1/2	25,458	1/2	36,147	1/2	46,869	1/2	57,591	1/2	68,312	1/2	79,034	1/2	89,756	1/2	100,477
3/4	4,251	3/4	14,961	3/4	25,681	3/4	36,370	3/4	47,092	3/4	57,814	3/4	68,536	3/4	79,257	3/4	89,979	3/4	100,701
8	4,472	8	15,184	8	25,904	8	36,594	8	47,316	8	58,037	8	68,759	8	79,481	8	90,202	8	100,924
1/4	4,694	1/4	15,408	1/4	26,126	1/4	36,817	1/4	47,539	1/4	58,261	1/4	68,982	1/4	79,704	1/4	90,426	1/4	101,148
1/2	4,916	1/2	15,631	1/2	26,349	1/2	37,041	1/2	47,762	1/2	58,484	1/2	69,206	1/2	79,927	1/2	90,649	1/2	101,371
3/4	5,138	3/4	15,854	3/4	26,572	3/4	37,264	3/4	47,986	3/4	58,707	3/4	69,429	3/4	80,151	3/4	90,873	3/4	101,594
9	5,360	9	16,078	9	26,795	9	37,487	9	48,209	9	58,931	9	69,652	9	80,374	9	91,096	9	101,818
1/4	5,583	1/4	16,301	1/4	27,017	1/4	37,711	1/4	48,432	1/4	59,154	1/4	69,876	1/4	80,598	1/4	91,319	1/4	102,041
1/2	5,805	1/2	16,524	1/2	27,240	1/2	37,934	1/2	48,656	1/2	59,378	1/2	70,099	1/2	80,821	1/2	91,543	1/2	102,264
3/4	6,028	3/4	16,748	3/4	27,462	3/4	38,157	3/4	48,879	3/4	59,601	3/4	70,323	3/4	81,044	3/4	91,766	3/4	102,488
10	6,251	10	16,971	10	27,685	10	38,381	10	49,103	10	59,824	10	70,546	10	81,268	10	91,989	10	102,711
1/4	6,474	1/4	17,194	1/4	27,907	1/4	38,604	1/4	49,326	1/4	60,048	1/4	70,769	1/4	81,491	1/4	92,213	1/4	102,934
1/2	6,697	1/2	17,418	1/2	28,130	1/2	38,828	1/2	49,549	1/2	60,271	1/2	70,993	1/2	81,714	1/2	92,436	1/2	103,158
3/4	6,920	3/4	17,641	3/4	28,352	3/4	39,051	3/4	49,773	3/4	60,494	3/4	71,216	3/4	81,938	3/4	92,660	3/4	103,381
11	7,143	11	17,865	11	28,575	11	39,274	11	49,996	11	60,718	11	71,439	11	82,161	11	92,883	11	103,605
1/4	7,367	1/4	18,088	1/4	28,797	1/4	39,498	1/4	50,219	1/4	60,941	1/4	71,663	1/4	82,385	1/4	93,106	1/4	103,828
1/2	7,590	1/2	18,311	1/2	29,019	1/2	39,721	1/2	50,443	1/2	61,164	1/2	71,886	1/2	82,608	1/2	93,330	1/2	104,051
3/4	7,813	3/4	18,535	3/4	29,242	3/4	39,944	3/4	50,666	3/4	61,388	3/4	72,110	3/4	82,831	3/4	93,553	3/4	104,275

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 22'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 1011"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	104,498	0	115,220	0	125,941	0	136,663	0	147,385	0		0		0		0		0	
1/4	104,721	1/4	115,443	1/4	126,165	1/4	136,887	1/4	147,608	1/4		1/4		1/4		1/4		1/4	
1/2	104,945	1/2	115,667	1/2	126,388	1/2	137,110	1/2	147,832	1/2		1/2		1/2		1/2		1/2	
3/4	105,168	3/4	115,890	3/4	126,612	3/4	137,333	3/4	148,055	3/4		3/4		3/4		3/4		3/4	
1	105,392	1	116,113	1	126,835	1	137,557	1	148,278	1		1		1		1		1	
1/4	105,615	1/4	116,337	1/4	127,058	1/4	137,780	1/4	148,502	1/4		1/4		1/4		1/4		1/4	
1/2	105,838	1/2	116,560	1/2	127,282	1/2	138,003	1/2	148,725	1/2		1/2		1/2		1/2		1/2	
3/4	106,062	3/4	116,783	3/4	127,505	3/4	138,227	3/4	148,949	3/4		3/4		3/4		3/4		3/4	
2	106,285	2	117,007	2	127,728	2	138,450	2	149,172	2		2		2		2		2	
1/4	106,508	1/4	117,230	1/4	127,952	1/4	138,674	1/4	149,377	1/4		1/4		1/4		1/4		1/4	
1/2	106,732	1/2	117,453	1/2	128,175	1/2	138,897	1/2	149,581	1/2		1/2		1/2		1/2		1/2	
3/4	106,955	3/4	117,677	3/4	128,399	3/4	139,120	3/4	149,786	3/4		3/4		3/4		3/4		3/4	
3	107,178	3	117,900	3	128,622	3	139,344	3	149,991	3		3		3		3		3	
1/4	107,402	1/4	118,124	1/4	128,845	1/4	139,567	1/4	150,158	1/4		1/4		1/4		1/4		1/4	
1/2	107,625	1/2	118,347	1/2	129,069	1/2	139,790	1/2	150,326	1/2		1/2		1/2		1/2		1/2	
3/4	107,849	3/4	118,570	3/4	129,292	3/4	140,014	3/4	150,493	3/4		3/4		3/4		3/4		3/4	
4	108,072	4	118,794	4	129,515	4	140,237	4	150,661	4		4		4		4		4	
1/4	108,295	1/4	119,017	1/4	129,739	1/4	140,460	1/4	150,791	1/4		1/4		1/4		1/4		1/4	
1/2	108,519	1/2	119,240	1/2	129,962	1/2	140,684	1/2	150,922	1/2		1/2		1/2		1/2		1/2	
3/4	108,742	3/4	119,464	3/4	130,186	3/4	140,907	3/4	151,052	3/4		3/4		3/4		3/4		3/4	
5	108,965	5	119,687	5	130,409	5	141,131	5	151,182	5		5		5		5		5	
1/4	109,189	1/4	119,911	1/4	130,632	1/4	141,354	1/4	151,275	1/4		1/4		1/4		1/4		1/4	
1/2	109,412	1/2	120,134	1/2	130,856	1/2	141,577	1/2	151,368	1/2		1/2		1/2		1/2		1/2	
3/4	109,636	3/4	120,357	3/4	131,079	3/4	141,801	3/4	151,461	3/4		3/4		3/4		3/4		3/4	
6	109,859	6	120,581	6	131,302	6	142,024	6	151,554	6		6		6		6		6	
1/4	110,082	1/4	120,804	1/4	131,526	1/4	142,247	1/4	151,610	1/4		1/4		1/4		1/4		1/4	
1/2	110,306	1/2	121,027	1/2	131,749	1/2	142,471	1/2	151,666	1/2		1/2		1/2		1/2		1/2	
3/4	110,529	3/4	121,251	3/4	131,972	3/4	142,694	3/4	151,722	3/4		3/4		3/4		3/4		3/4	
7	110,752	7	121,474	7	132,196	7	142,918	7	151,778	7		7		7		7		7	
1/4	110,976	1/4	121,697	1/4	132,419	1/4	143,141	1/4	151,796	1/4		1/4		1/4		1/4		1/4	
1/2	111,199	1/2	121,921	1/2	132,643	1/2	143,364	1/2	151,815	1/2		1/2		1/2		1/2		1/2	
3/4	111,423	3/4	122,144	3/4	132,866	3/4	143,588	3/4	151,834	3/4		3/4		3/4		3/4		3/4	
8	111,646	8	122,368	8	133,089	8	143,811	8	151,852	8		8		8		8		8	
1/4	111,869	1/4	122,591	1/4	133,313	1/4	144,034	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,093	1/2	122,814	1/2	133,536	1/2	144,258	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,316	3/4	123,038	3/4	133,759	3/4	144,481	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,539	9	123,261	9	133,983	9	144,705	9		9		9		9		9		9	
1/4	112,763	1/4	123,484	1/4	134,206	1/4	144,928	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,986	1/2	123,708	1/2	134,430	1/2	145,151	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,209	3/4	123,931	3/4	134,653	3/4	145,375	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,433	10	124,155	10	134,876	10	145,598	10		10		10		10		10		10	
1/4	113,656	1/4	124,378	1/4	135,100	1/4	145,821	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,880	1/2	124,601	1/2	135,323	1/2	146,045	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,103	3/4	124,825	3/4	135,546	3/4	146,268	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,326	11	125,048	11	135,770	11	146,491	11		11		11		11		11		11	
1/4	114,550	1/4	125,271	1/4	135,993	1/4	146,715	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,773	1/2	125,495	1/2	136,216	1/2	146,938	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,996	3/4	125,718	3/4	136,440	3/4	147,162	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
PRINTED: 05/27/2020 SW

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020



BARGE "CBC 1011"

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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8
2 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4
3 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8

(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 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 166'-03"

May 26, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "CBC 1011"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

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	147,573	0	140,062	0	130,580	0	121,098	0	111,625	0	101,039	0	90,257	0	79,471
1/4	1/4	1/4	1/4	1/4	147,554	1/4	139,864	1/4	130,383	1/4	120,901	1/4	111,428	1/4	100,814	1/4	90,032	1/4	79,246
1/2	1/2	1/2	1/2	1/2	147,536	1/2	139,667	1/2	130,185	1/2	120,703	1/2	111,231	1/2	100,589	1/2	89,808	1/2	79,021
3/4	3/4	3/4	3/4	3/4	147,517	3/4	139,469	3/4	129,988	3/4	120,506	3/4	111,034	3/4	100,365	3/4	89,583	3/4	78,797
1		1		1	147,461	1	139,272	1	129,790	1	120,308	1	110,837	1	100,140	1	89,358	1	78,573
1/4	1/4	1/4	1/4	1/4	147,404	1/4	139,074	1/4	129,592	1/4	120,111	1/4	110,640	1/4	99,915	1/4	89,133	1/4	78,350
1/2	1/2	1/2	1/2	1/2	147,348	1/2	138,877	1/2	129,395	1/2	119,913	1/2	110,443	1/2	99,691	1/2	88,909	1/2	78,127
3/4	3/4	3/4	3/4	3/4	147,292	3/4	138,679	3/4	129,197	3/4	119,716	3/4	110,246	3/4	99,466	3/4	88,684	3/4	77,903
2		2		2	147,198	2	138,482	2	129,000	2	119,518	2	110,022	2	99,241	2	88,459	2	77,681
1/4	1/4	1/4	1/4	1/4	147,104	1/4	138,284	1/4	128,802	1/4	119,321	1/4	109,798	1/4	99,017	1/4	88,235	1/4	77,459
1/2	1/2	1/2	1/2	1/2	147,010	1/2	138,087	1/2	128,605	1/2	119,123	1/2	109,574	1/2	98,792	1/2	88,010	1/2	77,237
3/4	3/4	3/4	3/4	3/4	146,916	3/4	137,889	3/4	128,407	3/4	118,925	3/4	109,350	3/4	98,567	3/4	87,785	3/4	77,015
3		3		3	146,785	3	137,691	3	128,210	3	118,728	3	109,125	3	98,343	3	87,560	3	76,793
1/4	1/4	1/4	1/4	1/4	146,654	1/4	137,494	1/4	128,012	1/4	118,530	1/4	108,901	1/4	98,118	1/4	87,336	1/4	76,571
1/2	1/2	1/2	1/2	1/2	146,522	1/2	137,296	1/2	127,815	1/2	118,333	1/2	108,677	1/2	97,893	1/2	87,111	1/2	76,349
3/4	3/4	3/4	3/4	3/4	146,391	3/4	137,099	3/4	127,617	3/4	118,135	3/4	108,453	3/4	97,669	3/4	86,886	3/4	76,127
4		4		4	146,222	4	136,901	4	127,420	4	117,938	4	108,228	4	97,444	4	86,662	4	75,905
1/4	1/4	1/4	1/4	1/4	146,053	1/4	136,704	1/4	127,222	1/4	117,740	1/4	108,004	1/4	97,219	1/4	86,437	1/4	75,682
1/2	1/2	1/2	1/2	1/2	145,884	1/2	136,506	1/2	127,024	1/2	117,543	1/2	107,779	1/2	96,994	1/2	86,212	1/2	75,460
3/4	3/4	3/4	3/4	3/4	145,715	3/4	136,309	3/4	126,827	3/4	117,345	3/4	107,554	3/4	96,770	3/4	85,987	3/4	75,238
5		5		5	145,537	5	136,111	5	126,629	5	117,148	5	107,330	5	96,545	5	85,763	5	75,016
1/4	1/4	1/4	1/4	1/4	145,358	1/4	135,914	1/4	126,432	1/4	116,950	1/4	107,105	1/4	96,320	1/4	85,538	1/4	74,794
1/2	1/2	1/2	1/2	1/2	145,179	1/2	135,716	1/2	126,234	1/2	116,753	1/2	106,880	1/2	96,096	1/2	85,313	1/2	74,572
3/4	3/4	3/4	3/4	3/4	145,000	3/4	135,519	3/4	126,037	3/4	116,555	3/4	106,655	3/4	95,871	3/4	85,089	3/4	74,350
6		6		6	144,803	6	135,321	6	125,839	6	116,357	6	106,431	6	95,647	6	84,864	6	74,128
1/4	1/4	1/4	1/4	1/4	144,605	1/4	135,123	1/4	125,642	1/4	116,160	1/4	106,206	1/4	95,422	1/4	84,639	1/4	73,906
1/2	1/2	1/2	1/2	1/2	144,408	1/2	134,926	1/2	125,444	1/2	115,962	1/2	105,981	1/2	95,197	1/2	84,414	1/2	73,683
3/4	3/4	3/4	3/4	3/4	144,210	3/4	134,728	3/4	125,247	3/4	115,765	3/4	105,757	3/4	94,973	3/4	84,190	3/4	73,461
7		7		7	144,013	7	134,531	7	125,049	7	115,567	7	105,532	7	94,748	7	83,965	7	73,239
1/4	1/4	1/4	1/4	1/4	143,815	1/4	134,333	1/4	124,852	1/4	115,370	1/4	105,307	1/4	94,524	1/4	83,740	1/4	73,017
1/2	1/2	1/2	1/2	1/2	143,618	1/2	134,136	1/2	124,654	1/2	115,172	1/2	105,083	1/2	94,299	1/2	83,516	1/2	72,795
3/4	3/4	3/4	3/4	3/4	143,420	3/4	133,938	3/4	124,457	3/4	114,975	3/4	104,858	3/4	94,075	3/4	83,291	3/4	72,573
8		8		8	143,222	8	133,741	8	124,259	8	114,778	8	104,633	8	93,850	8	83,066	8	72,351
1/4	1/4	1/4	1/4	1/4	143,025	1/4	133,543	1/4	124,061	1/4	114,581	1/4	104,409	1/4	93,626	1/4	82,841	1/4	72,129
1/2	1/2	1/2	1/2	1/2	142,827	1/2	133,346	1/2	123,864	1/2	114,384	1/2	104,184	1/2	93,401	1/2	82,617	1/2	71,907
3/4	3/4	3/4	3/4	3/4	142,630	3/4	133,148	3/4	123,666	3/4	114,187	3/4	103,959	3/4	93,176	3/4	82,392	3/4	71,685
9		9		9	142,432	9	132,951	9	123,469	9	113,990	9	103,735	9	92,952	9	82,167	9	71,461
1/4	1/4	1/4	1/4	1/4	142,235	1/4	132,753	1/4	123,271	1/4	113,793	1/4	103,510	1/4	92,727	1/4	81,943	1/4	71,237
1/2	1/2	1/2	1/2	1/2	142,037	1/2	132,556	1/2	123,074	1/2	113,596	1/2	103,285	1/2	92,503	1/2	81,718	1/2	71,014
3/4	3/4	3/4	3/4	3/4	141,840	3/4	132,358	3/4	122,876	3/4	113,399	3/4	103,061	3/4	92,278	3/4	81,493	3/4	70,790
10		10		10	141,642	10	132,160	10	122,679	10	113,202	10	102,836	10	92,054	10	81,268	10	70,566
1/4	1/4	1/4	1/4	1/4	141,445	1/4	131,963	1/4	122,481	1/4	113,004	1/4	102,611	1/4	91,829	1/4	81,044	1/4	70,342
1/2	1/2	1/2	1/2	1/2	141,247	1/2	131,765	1/2	122,284	1/2	112,807	1/2	102,387	1/2	91,604	1/2	80,819	1/2	70,118
3/4	3/4	3/4	3/4	3/4	141,050	3/4	131,568	3/4	122,086	3/4	112,610	3/4	102,162	3/4	91,380	3/4	80,594	3/4	69,894
11		11		11	140,852	11	131,370	11	121,889	11	112,413	11	101,937	11	91,155	11	80,370	11	69,670
1/4	1/4	1/4	1/4	1/4	140,655	1/4	131,173	1/4	121,691	1/4	112,216	1/4	101,713	1/4	90,931	1/4	80,145	1/4	69,446
1/2	1/2	1/2	1/2	1/2	140,457	1/2	130,975	1/2	121,493	1/2	112,019	1/2	101,488	1/2	90,706	1/2	79,920	1/2	69,222
3/4	3/4	3/4	3/4	3/4	147,592	3/4	140,259	3/4	130,778	3/4	121,296	3/4	111,822	3/4	101,263	3/4	90,482	3/4	79,695

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-06" 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 1011"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,774	0	57,993	0	47,213	0	36,434	0	25,875	0	15,084	0	4,286	0		0		0	
1/4	68,549	1/4	57,769	1/4	46,988	1/4	36,209	1/4	25,656	1/4	14,858	1/4	4,063	1/4	1/4	1/4		1/4	
1/2	68,325	1/2	57,544	1/2	46,764	1/2	35,985	1/2	25,436	1/2	14,633	1/2	3,841	1/2	1/2	1/2		1/2	
3/4	68,100	3/4	57,320	3/4	46,539	3/4	35,761	3/4	25,217	3/4	14,408	3/4	3,618	3/4	3/4	3/4		3/4	
1	67,875	1	57,095	1	46,315	1	35,537	1	24,992	1	14,183	1	3,397	1	1	1		1	
1/4	67,651	1/4	56,870	1/4	46,090	1/4	35,313	1/4	24,767	1/4	13,958	1/4	3,177	1/4	1/4	1/4		1/4	
1/2	67,426	1/2	56,646	1/2	45,866	1/2	35,089	1/2	24,542	1/2	13,732	1/2	2,956	1/2	1/2	1/2		1/2	
3/4	67,202	3/4	56,421	3/4	45,641	3/4	34,865	3/4	24,317	3/4	13,507	3/4	2,735	3/4	3/4	3/4		3/4	
2	66,977	2	56,197	2	45,416	2	34,641	2	24,091	2	13,282	2	2,529	2	2	2		2	
1/4	66,752	1/4	55,972	1/4	45,192	1/4	34,417	1/4	23,866	1/4	13,057	1/4	2,323	1/4	1/4	1/4		1/4	
1/2	66,528	1/2	55,748	1/2	44,967	1/2	34,193	1/2	23,641	1/2	12,832	1/2	2,118	1/2	1/2	1/2		1/2	
3/4	66,303	3/4	55,523	3/4	44,743	3/4	33,969	3/4	23,416	3/4	12,606	3/4	1,912	3/4	3/4	3/4		3/4	
3	66,079	3	55,298	3	44,518	3	33,751	3	23,191	3	12,381	3	1,743	3	3	3		3	
1/4	65,854	1/4	55,074	1/4	44,293	1/4	33,532	1/4	22,965	1/4	12,156	1/4	1,574	1/4	1/4	1/4		1/4	
1/2	65,630	1/2	54,849	1/2	44,069	1/2	33,314	1/2	22,740	1/2	11,931	1/2	1,405	1/2	1/2	1/2		1/2	
3/4	65,405	3/4	54,625	3/4	43,844	3/4	33,095	3/4	22,515	3/4	11,706	3/4	1,236	3/4	3/4	3/4		3/4	
4	65,180	4	54,400	4	43,620	4	32,876	4	22,290	4	11,480	4	1,105	4	4	4		4	
1/4	64,956	1/4	54,175	1/4	43,395	1/4	32,658	1/4	22,065	1/4	11,255	1/4	973	1/4	1/4	1/4		1/4	
1/2	64,731	1/2	53,951	1/2	43,170	1/2	32,439	1/2	21,839	1/2	11,030	1/2	842	1/2	1/2	1/2		1/2	
3/4	64,507	3/4	53,726	3/4	42,946	3/4	32,221	3/4	21,614	3/4	10,805	3/4	711	3/4	3/4	3/4		3/4	
5	64,282	5	53,502	5	42,721	5	32,002	5	21,389	5	10,580	5	617	5	5	5		5	
1/4	64,057	1/4	53,277	1/4	42,497	1/4	31,784	1/4	21,164	1/4	10,354	1/4	523	1/4	1/4	1/4		1/4	
1/2	63,833	1/2	53,052	1/2	42,272	1/2	31,565	1/2	20,939	1/2	10,129	1/2	429	1/2	1/2	1/2		1/2	
3/4	63,608	3/4	52,828	3/4	42,048	3/4	31,346	3/4	20,713	3/4	9,904	3/4	335	3/4	3/4	3/4		3/4	
6	63,384	6	52,603	6	41,823	6	31,128	6	20,488	6	9,679	6	279	6	6	6		6	
1/4	63,159	1/4	52,379	1/4	41,598	1/4	30,909	1/4	20,263	1/4	9,454	1/4	223	1/4	1/4	1/4		1/4	
1/2	62,934	1/2	52,154	1/2	41,374	1/2	30,691	1/2	20,038	1/2	9,228	1/2	167	1/2	1/2	1/2		1/2	
3/4	62,710	3/4	51,929	3/4	41,149	3/4	30,472	3/4	19,813	3/4	9,003	3/4	110	3/4	3/4	3/4		3/4	
7	62,485	7	51,705	7	40,925	7	30,254	7	19,587	7	8,778	7	92	7	7	7		7	
1/4	62,261	1/4	51,480	1/4	40,700	1/4	30,035	1/4	19,362	1/4	8,553	1/4	73	1/4	1/4	1/4		1/4	
1/2	62,036	1/2	51,256	1/2	40,476	1/2	29,816	1/2	19,137	1/2	8,328	1/2	54	1/2	1/2	1/2		1/2	
3/4	61,811	3/4	51,031	3/4	40,251	3/4	29,598	3/4	18,912	3/4	8,102	3/4	35	3/4	3/4	3/4		3/4	
8	61,587	8	50,807	8	40,027	8	29,379	8	18,687	8	7,877	8		8	8	8		8	
1/4	61,362	1/4	50,582	1/4	39,802	1/4	29,160	1/4	18,461	1/4	7,652	1/4		1/4	1/4	1/4		1/4	
1/2	61,138	1/2	50,357	1/2	39,577	1/2	28,942	1/2	18,236	1/2	7,427	1/2		1/2	1/2	1/2		1/2	
3/4	60,913	3/4	50,133	3/4	39,353	3/4	28,723	3/4	18,011	3/4	7,202	3/4		3/4	3/4	3/4		3/4	
9	60,689	9	49,908	9	39,128	9	28,504	9	17,786	9	6,977	9		9	9	9		9	
1/4	60,464	1/4	49,684	1/4	38,904	1/4	28,285	1/4	17,561	1/4	6,752	1/4		1/4	1/4	1/4		1/4	
1/2	60,239	1/2	49,459	1/2	38,679	1/2	28,066	1/2	17,335	1/2	6,527	1/2		1/2	1/2	1/2		1/2	
3/4	60,015	3/4	49,234	3/4	38,455	3/4	27,847	3/4	17,110	3/4	6,302	3/4		3/4	3/4	3/4		3/4	
10	59,790	10	49,010	10	38,230	10	27,628	10	16,885	10	6,077	10		10	10	10		10	
1/4	59,566	1/4	48,785	1/4	38,005	1/4	27,408	1/4	16,660	1/4	5,853	1/4		1/4	1/4	1/4		1/4	
1/2	59,341	1/2	48,561	1/2	37,781	1/2	27,189	1/2	16,435	1/2	5,628	1/2		1/2	1/2	1/2		1/2	
3/4	59,116	3/4	48,336	3/4	37,556	3/4	26,970	3/4	16,210	3/4	5,404	3/4		3/4	3/4	3/4		3/4	
11	58,892	11	48,111	11	37,332	11	26,751	11	15,984	11	5,180	11		11	11	11		11	
1/4	58,667	1/4	47,887	1/4	37,107	1/4	26,532	1/4	15,759	1/4	4,956	1/4		1/4	1/4	1/4		1/4	
1/2	58,443	1/2	47,662	1/2	36,883	1/2	26,313	1/2	15,534	1/2	4,732	1/2		1/2	1/2	1/2		1/2	
3/4	58,218	3/4	47,438	3/4	36,658	3/4	26,094	3/4	15,309	3/4	4,509	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
PRINTED: 05/27/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020



BARGE "CBC 1011"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

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		0	162,267	0	150,169	0	138,070	0	125,972	0	113,873	0	101,775	0	89,676
1/4	1/4	1/4	1/4	1/4	171,089	1/4	162,015	1/4	149,917	1/4	137,818	1/4	125,720	1/4	113,621	1/4	101,522	1/4	89,424
1/2	1/2	1/2	1/2	1/2	171,068	1/2	161,763	1/2	149,665	1/2	137,566	1/2	125,467	1/2	113,369	1/2	101,270	1/2	89,172
3/4	3/4	3/4	3/4	3/4	171,047	3/4	161,511	3/4	149,412	3/4	137,314	3/4	125,215	3/4	113,117	3/4	101,018	3/4	88,920
1	1	1	1	1	171,026	1	161,259	1	149,160	1	137,062	1	124,963	1	112,865	1	100,766	1	88,668
1/4	1/4	1/4	1/4	1/4	171,005	1/4	161,007	1/4	148,908	1/4	136,810	1/4	124,711	1/4	112,613	1/4	100,514	1/4	88,416
1/2	1/2	1/2	1/2	1/2	170,942	1/2	160,755	1/2	148,656	1/2	136,558	1/2	124,459	1/2	112,361	1/2	100,262	1/2	88,164
3/4	3/4	3/4	3/4	3/4	170,879	3/4	160,503	3/4	148,404	3/4	136,306	3/4	124,207	3/4	112,109	3/4	100,010	3/4	87,912
2	2	2	2	2	170,816	2	160,251	2	148,152	2	136,054	2	123,955	2	111,857	2	99,758	2	87,660
1/4	1/4	1/4	1/4	1/4	170,753	1/4	159,999	1/4	147,900	1/4	135,802	1/4	123,703	1/4	111,605	1/4	99,506	1/4	87,408
1/2	1/2	1/2	1/2	1/2	170,648	1/2	159,747	1/2	147,648	1/2	135,550	1/2	123,451	1/2	111,353	1/2	99,254	1/2	87,155
3/4	3/4	3/4	3/4	3/4	170,543	3/4	159,495	3/4	147,396	3/4	135,298	3/4	123,199	3/4	111,100	3/4	99,002	3/4	86,903
3	3	3	3	3	170,438	3	159,243	3	147,144	3	135,045	3	122,947	3	110,848	3	98,750	3	86,651
1/4	1/4	1/4	1/4	1/4	170,333	1/4	158,990	1/4	146,892	1/4	134,793	1/4	122,695	1/4	110,596	1/4	98,498	1/4	86,399
1/2	1/2	1/2	1/2	1/2	170,186	1/2	158,738	1/2	146,640	1/2	134,541	1/2	122,443	1/2	110,344	1/2	98,246	1/2	86,147
3/4	3/4	3/4	3/4	3/4	170,039	3/4	158,486	3/4	146,388	3/4	134,289	3/4	122,191	3/4	110,092	3/4	97,994	3/4	85,895
4	4	4	4	4	169,892	4	158,234	4	146,136	4	134,037	4	121,939	4	109,840	4	97,742	4	85,643
1/4	1/4	1/4	1/4	1/4	169,745	1/4	157,982	1/4	145,884	1/4	133,785	1/4	121,687	1/4	109,588	1/4	97,490	1/4	85,391
1/2	1/2	1/2	1/2	1/2	169,556	1/2	157,730	1/2	145,632	1/2	133,533	1/2	121,435	1/2	109,336	1/2	97,238	1/2	85,139
3/4	3/4	3/4	3/4	3/4	169,367	3/4	157,478	3/4	145,380	3/4	133,281	3/4	121,183	3/4	109,084	3/4	96,986	3/4	84,887
5	5	5	5	5	169,178	5	157,226	5	145,128	5	133,029	5	120,931	5	108,832	5	96,733	5	84,635
1/4	1/4	1/4	1/4	1/4	168,989	1/4	156,974	1/4	144,876	1/4	132,777	1/4	120,678	1/4	108,580	1/4	96,481	1/4	84,383
1/2	1/2	1/2	1/2	1/2	168,758	1/2	156,722	1/2	144,623	1/2	132,525	1/2	120,426	1/2	108,328	1/2	96,229	1/2	84,131
3/4	3/4	3/4	3/4	3/4	168,526	3/4	156,470	3/4	144,371	3/4	132,273	3/4	120,174	3/4	108,076	3/4	95,977	3/4	83,879
6	6	6	6	6	168,295	6	156,218	6	144,119	6	132,021	6	119,922	6	107,824	6	95,725	6	83,627
1/4	1/4	1/4	1/4	1/4	168,064	1/4	155,966	1/4	143,867	1/4	131,769	1/4	119,670	1/4	107,572	1/4	95,473	1/4	83,375
1/2	1/2	1/2	1/2	1/2	167,812	1/2	155,714	1/2	143,615	1/2	131,517	1/2	119,418	1/2	107,320	1/2	95,221	1/2	83,123
3/4	3/4	3/4	3/4	3/4	167,560	3/4	155,462	3/4	143,363	3/4	131,265	3/4	119,166	3/4	107,068	3/4	94,969	3/4	82,871
7	7	7	7	7	167,308	7	155,210	7	143,111	7	131,013	7	118,914	7	106,816	7	94,717	7	82,619
1/4	1/4	1/4	1/4	1/4	167,056	1/4	154,958	1/4	142,859	1/4	130,761	1/4	118,662	1/4	106,564	1/4	94,465	1/4	82,366
1/2	1/2	1/2	1/2	1/2	166,804	1/2	154,706	1/2	142,607	1/2	130,509	1/2	118,410	1/2	106,311	1/2	94,213	1/2	82,114
3/4	3/4	3/4	3/4	3/4	166,552	3/4	154,454	3/4	142,355	3/4	130,256	3/4	118,158	3/4	106,059	3/4	93,961	3/4	81,862
8	8	8	8	8	166,300	8	154,201	8	142,103	8	130,004	8	117,906	8	105,807	8	93,709	8	81,610
1/4	1/4	1/4	1/4	1/4	166,048	1/4	153,949	1/4	141,851	1/4	129,752	1/4	117,654	1/4	105,555	1/4	93,457	1/4	81,358
1/2	1/2	1/2	1/2	1/2	165,796	1/2	153,697	1/2	141,599	1/2	129,500	1/2	117,402	1/2	105,303	1/2	93,205	1/2	81,106
3/4	3/4	3/4	3/4	3/4	165,544	3/4	153,445	3/4	141,347	3/4	129,248	3/4	117,150	3/4	105,051	3/4	92,953	3/4	80,854
9	9	9	9	9	165,292	9	153,193	9	141,095	9	128,996	9	116,898	9	104,799	9	92,701	9	80,602
1/4	1/4	1/4	1/4	1/4	165,040	1/4	152,941	1/4	140,843	1/4	128,744	1/4	116,646	1/4	104,547	1/4	92,449	1/4	80,350
1/2	1/2	1/2	1/2	1/2	164,788	1/2	152,689	1/2	140,591	1/2	128,492	1/2	116,394	1/2	104,295	1/2	92,197	1/2	80,098
3/4	3/4	3/4	3/4	3/4	164,536	3/4	152,437	3/4	140,339	3/4	128,240	3/4	116,142	3/4	104,043	3/4	91,944	3/4	79,846
10	10	10	10	10	164,284	10	152,185	10	140,087	10	127,988	10	115,889	10	103,791	10	91,692	10	79,594
1/4	1/4	1/4	1/4	1/4	164,032	1/4	151,933	1/4	139,834	1/4	127,736	1/4	115,637	1/4	103,539	1/4	91,440	1/4	79,342
1/2	1/2	1/2	1/2	1/2	163,779	1/2	151,681	1/2	139,582	1/2	127,484	1/2	115,385	1/2	103,287	1/2	91,188	1/2	79,090
3/4	3/4	3/4	3/4	3/4	163,527	3/4	151,429	3/4	139,330	3/4	127,232	3/4	115,133	3/4	103,035	3/4	90,936	3/4	78,838
11	11	11	11	11	163,275	11	151,177	11	139,078	11	126,980	11	114,881	11	102,783	11	90,684	11	78,586
1/4	1/4	1/4	1/4	1/4	163,023	1/4	150,925	1/4	138,826	1/4	126,728	1/4	114,629	1/4	102,531	1/4	90,432	1/4	78,334
1/2	1/2	1/2	1/2	1/2	162,771	1/2	150,673	1/2	138,574	1/2	126,476	1/2	114,377	1/2	102,279	1/2	90,180	1/2	78,082
3/4	3/4	3/4	3/4	3/4	162,519	3/4	150,421	3/4	138,322	3/4	126,224	3/4	114,125	3/4	102,027	3/4	89,928	3/4	77,830

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-06" 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 1011"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	77,577	0	65,479	0	53,380	0	41,282	0	29,444	0	17,382	0	5,292	0		0		0	
1/4	77,325	1/4	65,227	1/4	53,128	1/4	41,030	1/4	29,199	1/4	17,129	1/4	5,041	1/4	1/4	1/4		1/4	1/4
1/2	77,073	1/2	64,975	1/2	52,876	1/2	40,778	1/2	28,954	1/2	16,877	1/2	4,792	1/2	1/2	1/2		1/2	1/2
3/4	76,821	3/4	64,723	3/4	52,624	3/4	40,526	3/4	28,709	3/4	16,625	3/4	4,543	3/4	3/4	3/4		3/4	3/4
1	76,569	1	64,471	1	52,372	1	40,274	1	28,464	1	16,373	1	4,294	1	1	1		1	1
1/4	76,317	1/4	64,219	1/4	52,120	1/4	40,022	1/4	28,219	1/4	16,121	1/4	4,044	1/4	1/4	1/4		1/4	1/4
1/2	76,065	1/2	63,967	1/2	51,868	1/2	39,770	1/2	27,967	1/2	15,869	1/2	3,797	1/2	1/2	1/2		1/2	1/2
3/4	75,813	3/4	63,715	3/4	51,616	3/4	39,518	3/4	27,715	3/4	15,617	3/4	3,550	3/4	3/4	3/4		3/4	3/4
2	75,561	2	63,463	2	51,364	2	39,265	2	27,463	2	15,365	2	3,303	2	2	2		2	2
1/4	75,309	1/4	63,210	1/4	51,112	1/4	39,013	1/4	27,211	1/4	15,113	1/4	3,056	1/4	1/4	1/4		1/4	1/4
1/2	75,057	1/2	62,958	1/2	50,860	1/2	38,761	1/2	26,959	1/2	14,861	1/2	2,826	1/2	1/2	1/2		1/2	1/2
3/4	74,805	3/4	62,706	3/4	50,608	3/4	38,509	3/4	26,707	3/4	14,609	3/4	2,596	3/4	3/4	3/4		3/4	3/4
3	74,553	3	62,454	3	50,356	3	38,257	3	26,455	3	14,357	3	2,365	3	3	3		3	3
1/4	74,301	1/4	62,202	1/4	50,104	1/4	38,005	1/4	26,203	1/4	14,105	1/4	2,135	1/4	1/4	1/4		1/4	1/4
1/2	74,049	1/2	61,950	1/2	49,852	1/2	37,761	1/2	25,951	1/2	13,853	1/2	1,946	1/2	1/2	1/2		1/2	1/2
3/4	73,797	3/4	61,698	3/4	49,600	3/4	37,516	3/4	25,699	3/4	13,601	3/4	1,757	3/4	3/4	3/4		3/4	3/4
4	73,545	4	61,446	4	49,348	4	37,272	4	25,447	4	13,349	4	1,568	4	4	4		4	4
1/4	73,293	1/4	61,194	1/4	49,096	1/4	37,027	1/4	25,195	1/4	13,097	1/4	1,379	1/4	1/4	1/4		1/4	1/4
1/2	73,041	1/2	60,942	1/2	48,843	1/2	36,782	1/2	24,943	1/2	12,845	1/2	1,232	1/2	1/2	1/2		1/2	1/2
3/4	72,788	3/4	60,690	3/4	48,591	3/4	36,538	3/4	24,691	3/4	12,593	3/4	1,085	3/4	3/4	3/4		3/4	3/4
5	72,536	5	60,438	5	48,339	5	36,293	5	24,439	5	12,341	5	938	5	5	5		5	5
1/4	72,284	1/4	60,186	1/4	48,087	1/4	36,049	1/4	24,187	1/4	12,089	1/4	791	1/4	1/4	1/4		1/4	1/4
1/2	72,032	1/2	59,934	1/2	47,835	1/2	35,804	1/2	23,935	1/2	11,837	1/2	686	1/2	1/2	1/2		1/2	1/2
3/4	71,780	3/4	59,682	3/4	47,583	3/4	35,560	3/4	23,683	3/4	11,585	3/4	581	3/4	3/4	3/4		3/4	3/4
6	71,528	6	59,430	6	47,331	6	35,315	6	23,431	6	11,332	6	476	6	6	6		6	6
1/4	71,276	1/4	59,178	1/4	47,079	1/4	35,070	1/4	23,179	1/4	11,080	1/4	371	1/4	1/4	1/4		1/4	1/4
1/2	71,024	1/2	58,926	1/2	46,827	1/2	34,826	1/2	22,926	1/2	10,828	1/2	308	1/2	1/2	1/2		1/2	1/2
3/4	70,772	3/4	58,674	3/4	46,575	3/4	34,581	3/4	22,674	3/4	10,576	3/4	245	3/4	3/4	3/4		3/4	3/4
7	70,520	7	58,421	7	46,323	7	34,337	7	22,422	7	10,324	7	182	7	7	7		7	7
1/4	70,268	1/4	58,169	1/4	46,071	1/4	34,092	1/4	22,170	1/4	10,072	1/4	119	1/4	1/4	1/4		1/4	1/4
1/2	70,016	1/2	57,917	1/2	45,819	1/2	33,848	1/2	21,918	1/2	9,820	1/2	98	1/2	1/2	1/2		1/2	1/2
3/4	69,764	3/4	57,665	3/4	45,567	3/4	33,603	3/4	21,666	3/4	9,568	3/4	77	3/4	3/4	3/4		3/4	3/4
8	69,512	8	57,413	8	45,315	8	33,358	8	21,414	8	9,316	8	56	8	8	8		8	8
1/4	69,260	1/4	57,161	1/4	45,063	1/4	33,114	1/4	21,162	1/4	9,064	1/4	35	1/4	1/4	1/4		1/4	1/4
1/2	69,008	1/2	56,909	1/2	44,811	1/2	32,869	1/2	20,910	1/2	8,812	1/2		1/2	1/2	1/2		1/2	1/2
3/4	68,756	3/4	56,657	3/4	44,559	3/4	32,625	3/4	20,658	3/4	8,560	3/4		3/4	3/4	3/4		3/4	3/4
9	68,504	9	56,405	9	44,307	9	32,380	9	20,406	9	8,308	9		9	9	9		9	9
1/4	68,252	1/4	56,153	1/4	44,054	1/4	32,136	1/4	20,154	1/4	8,056	1/4		1/4	1/4	1/4		1/4	1/4
1/2	67,999	1/2	55,901	1/2	43,802	1/2	31,891	1/2	19,902	1/2	7,804	1/2		1/2	1/2	1/2		1/2	1/2
3/4	67,747	3/4	55,649	3/4	43,550	3/4	31,647	3/4	19,650	3/4	7,552	3/4		3/4	3/4	3/4		3/4	3/4
10	67,495	10	55,397	10	43,298	10	31,402	10	19,398	10	7,301	10		10	10	10		10	10
1/4	67,243	1/4	55,145	1/4	43,046	1/4	31,157	1/4	19,146	1/4	7,049	1/4		1/4	1/4	1/4		1/4	1/4
1/2	66,991	1/2	54,893	1/2	42,794	1/2	30,913	1/2	18,894	1/2	6,797	1/2		1/2	1/2	1/2		1/2	1/2
3/4	66,739	3/4	54,641	3/4	42,542	3/4	30,668	3/4	18,642	3/4	6,546	3/4		3/4	3/4	3/4		3/4	3/4
11	66,487	11	54,389	11	42,290	11	30,424	11	18,390	11	6,295	11		11	11	11		11	11
1/4	66,235	1/4	54,137	1/4	42,038	1/4	30,179	1/4	18,138	1/4	6,043	1/4		1/4	1/4	1/4		1/4	1/4
1/2	65,983	1/2	53,885	1/2	41,786	1/2	29,934	1/2	17,886	1/2	5,793	1/2		1/2	1/2	1/2		1/2	1/2
3/4	65,731	3/4	53,632	3/4	41,534	3/4	29,689	3/4	17,634	3/4	5,542	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
PRINTED: 05/27/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

<http://www.dmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020



BARGE "CBC 1011"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							144,481		133,759		123,037		112,316		101,594		90,872		80,151		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,257	1/4	133,536	1/4	122,814	1/4	112,092	1/4	101,371	1/4	90,649	1/4	79,927		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,034	1/2	133,312	1/2	122,591	1/2	111,869	1/2	101,147	1/2	90,426	1/2	79,704		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,852	3/4	143,811	3/4	133,089	3/4	122,367	3/4	111,646	3/4	100,924	3/4	90,202	3/4	79,480
1	1	1	1	1	1	1	151,833	1	143,587	1	132,866	1	122,144	1	111,422	1	100,700	1	89,979	1	79,257
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,815	1/4	143,364	1/4	132,642	1/4	121,921	1/4	111,199	1/4	100,477	1/4	89,755	1/4	79,034
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,796	1/2	143,141	1/2	132,419	1/2	121,697	1/2	110,975	1/2	100,254	1/2	89,532	1/2	78,810
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,778	3/4	142,917	3/4	132,196	3/4	121,474	3/4	110,752	3/4	100,030	3/4	89,309	3/4	78,587
2	2	2	2	2	2	2	151,722	2	142,694	2	131,972	2	121,250	2	110,529	2	99,807	2	89,085	2	78,364
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,666	1/4	142,471	1/4	131,749	1/4	121,027	1/4	110,305	1/4	99,584	1/4	88,862	1/4	78,140
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,610	1/2	142,247	1/2	131,525	1/2	120,804	1/2	110,082	1/2	99,360	1/2	88,639	1/2	77,917
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,554	3/4	142,024	3/4	131,302	3/4	120,580	3/4	109,859	3/4	99,137	3/4	88,415	3/4	77,693
3	3	3	3	3	3	3	151,461	3	141,800	3	131,079	3	120,357	3	109,635	3	98,914	3	88,192	3	77,470
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,368	1/4	141,577	1/4	130,855	1/4	120,134	1/4	109,412	1/4	98,690	1/4	87,968	1/4	77,247
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,275	1/2	141,354	1/2	130,632	1/2	119,910	1/2	109,189	1/2	98,467	1/2	87,745	1/2	77,023
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,182	3/4	141,130	3/4	130,409	3/4	119,687	3/4	108,965	3/4	98,243	3/4	87,522	3/4	76,800
4	4	4	4	4	4	4	151,052	4	140,907	4	130,185	4	119,463	4	108,742	4	98,020	4	87,298	4	76,577
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,921	1/4	140,684	1/4	129,962	1/4	119,240	1/4	108,518	1/4	97,797	1/4	87,075	1/4	76,353
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,791	1/2	140,460	1/2	129,738	1/2	119,017	1/2	108,295	1/2	97,573	1/2	86,852	1/2	76,130
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,661	3/4	140,237	3/4	129,515	3/4	118,793	3/4	108,072	3/4	97,350	3/4	86,628	3/4	75,907
5	5	5	5	5	5	5	150,493	5	140,013	5	129,292	5	118,570	5	107,848	5	97,127	5	86,405	5	75,683
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,326	1/4	139,790	1/4	129,068	1/4	118,347	1/4	107,625	1/4	96,903	1/4	86,182	1/4	75,460
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,158	1/2	139,567	1/2	128,845	1/2	118,123	1/2	107,402	1/2	96,680	1/2	85,958	1/2	75,236
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,991	3/4	139,343	3/4	128,622	3/4	117,900	3/4	107,178	3/4	96,456	3/4	85,735	3/4	75,013
6	6	6	6	6	6	6	149,786	6	139,120	6	128,398	6	117,677	6	106,955	6	96,233	6	85,511	6	74,790
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,581	1/4	138,897	1/4	128,175	1/4	117,453	1/4	106,731	1/4	96,010	1/4	85,288	1/4	74,566
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,376	1/2	138,673	1/2	127,952	1/2	117,230	1/2	106,508	1/2	95,786	1/2	85,065	1/2	74,343
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,172	3/4	138,450	3/4	127,728	3/4	117,006	3/4	106,285	3/4	95,563	3/4	84,841	3/4	74,120
7	7	7	7	7	7	7	148,948	7	138,227	7	127,505	7	116,783	7	106,061	7	95,340	7	84,618	7	73,896
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,725	1/4	138,003	1/4	127,281	1/4	116,560	1/4	105,838	1/4	95,116	1/4	84,395	1/4	73,673
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,501	1/2	137,780	1/2	127,058	1/2	116,336	1/2	105,615	1/2	94,893	1/2	84,171	1/2	73,449
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,278	3/4	137,556	3/4	126,835	3/4	116,113	3/4	105,391	3/4	94,670	3/4	83,948	3/4	73,226
8	8	8	8	8	8	8	148,055	8	137,333	8	126,611	8	115,890	8	105,168	8	94,446	8	83,724	8	73,003
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,831	1/4	137,110	1/4	126,388	1/4	115,666	1/4	104,945	1/4	94,223	1/4	83,501	1/4	72,779
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,608	1/2	136,886	1/2	126,165	1/2	115,443	1/2	104,721	1/2	93,999	1/2	83,278	1/2	72,556
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,385	3/4	136,663	3/4	125,941	3/4	115,219	3/4	104,498	3/4	93,776	3/4	83,054	3/4	72,333
9	9	9	9	9	9	9	147,161	9	136,440	9	125,718	9	114,996	9	104,274	9	93,553	9	82,831	9	72,109
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,938	1/4	136,216	1/4	125,494	1/4	114,773	1/4	104,051	1/4	93,329	1/4	82,608	1/4	71,886
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,715	1/2	135,993	1/2	125,271	1/2	114,549	1/2	103,828	1/2	93,106	1/2	82,384	1/2	71,663
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,491	3/4	135,769	3/4	125,048	3/4	114,326	3/4	103,604	3/4	92,883	3/4	82,161	3/4	71,439
10	10	10	10	10	10	10	146,268	10	135,546	10	124,824	10	114,103	10	103,381	10	92,659	10	81,937	10	71,216
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,044	1/4	135,323	1/4	124,601	1/4	113,879	1/4	103,158	1/4	92,436	1/4	81,714	1/4	70,992
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,821	1/2	135,099	1/2	124,378	1/2	113,656	1/2	102,934	1/2	92,212	1/2	81,491	1/2	70,769
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,598	3/4	134,876	3/4	124,154	3/4	113,433	3/4	102,711	3/4	91,989	3/4	81,267	3/4	70,546
11	11	11	11	11	11	11	145,374	11	134,653	11	123,931	11	113,209	11	102,487	11	91,766	11	81,044	11	70,322
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,151	1/4	134,429	1/4	123,708	1/4	112,986	1/4	102,264	1/4	91,542	1/4	80,821	1/4	70,099
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,928	1/2	134,206	1/2	123,484	1/2	112,762	1/2	102,041	1/2	91,319	1/2	80,597	1/2	69,876
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,704	3/4	133,982	3/4	123,261	3/4	112,539	3/4	101,817	3/4	91,096	3/4	80,374	3/4	69,652

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 22'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1011"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	69,429	0	58,707	0	47,985	0	37,264	0	26,572	0	15,854	0	5,138	0		0		0	
1/4	69,205	1/4	58,484	1/4	47,762	1/4	37,040	1/4	26,349	1/4	15,631	1/4	4,916	1/4		1/4		1/4	
1/2	68,982	1/2	58,260	1/2	47,539	1/2	36,817	1/2	26,126	1/2	15,407	1/2	4,694	1/2		1/2		1/2	
3/4	68,759	3/4	58,037	3/4	47,315	3/4	36,594	3/4	25,903	3/4	15,184	3/4	4,472	3/4		3/4		3/4	
1	68,535	1	57,814	1	47,092	1	36,370	1	25,680	1	14,961	1	4,251	1		1		1	
1/4	68,312	1/4	57,590	1/4	46,869	1/4	36,147	1/4	25,458	1/4	14,737	1/4	4,030	1/4		1/4		1/4	
1/2	68,089	1/2	57,367	1/2	46,645	1/2	35,923	1/2	25,235	1/2	14,514	1/2	3,809	1/2		1/2		1/2	
3/4	67,865	3/4	57,144	3/4	46,422	3/4	35,700	3/4	25,012	3/4	14,291	3/4	3,588	3/4		3/4		3/4	
2	67,642	2	56,920	2	46,198	2	35,477	2	24,788	2	14,067	2	3,369	2		2		2	
1/4	67,418	1/4	56,697	1/4	45,975	1/4	35,253	1/4	24,565	1/4	13,844	1/4	3,150	1/4		1/4		1/4	
1/2	67,195	1/2	56,473	1/2	45,752	1/2	35,030	1/2	24,342	1/2	13,620	1/2	2,931	1/2		1/2		1/2	
3/4	66,972	3/4	56,250	3/4	45,528	3/4	34,807	3/4	24,118	3/4	13,397	3/4	2,712	3/4		3/4		3/4	
3	66,748	3	56,027	3	45,305	3	34,583	3	23,895	3	13,174	3	2,508	3		3		3	
1/4	66,525	1/4	55,803	1/4	45,082	1/4	34,360	1/4	23,672	1/4	12,950	1/4	2,304	1/4		1/4		1/4	
1/2	66,302	1/2	55,580	1/2	44,858	1/2	34,137	1/2	23,448	1/2	12,727	1/2	2,100	1/2		1/2		1/2	
3/4	66,078	3/4	55,357	3/4	44,635	3/4	33,913	3/4	23,225	3/4	12,504	3/4	1,896	3/4		3/4		3/4	
4	65,855	4	55,133	4	44,411	4	33,691	4	23,002	4	12,280	4	1,728	4		4		4	
1/4	65,632	1/4	54,910	1/4	44,188	1/4	33,468	1/4	22,778	1/4	12,057	1/4	1,561	1/4		1/4		1/4	
1/2	65,408	1/2	54,686	1/2	43,965	1/2	33,246	1/2	22,555	1/2	11,834	1/2	1,393	1/2		1/2		1/2	
3/4	65,185	3/4	54,463	3/4	43,741	3/4	33,023	3/4	22,331	3/4	11,610	3/4	1,226	3/4		3/4		3/4	
5	64,961	5	54,240	5	43,518	5	32,801	5	22,108	5	11,387	5	1,095	5		5		5	
1/4	64,738	1/4	54,016	1/4	43,295	1/4	32,578	1/4	21,885	1/4	11,163	1/4	965	1/4		1/4		1/4	
1/2	64,515	1/2	53,793	1/2	43,071	1/2	32,356	1/2	21,661	1/2	10,940	1/2	835	1/2		1/2		1/2	
3/4	64,291	3/4	53,570	3/4	42,848	3/4	32,134	3/4	21,438	3/4	10,717	3/4	705	3/4		3/4		3/4	
6	64,068	6	53,346	6	42,625	6	31,911	6	21,215	6	10,493	6	612	6		6		6	
1/4	63,845	1/4	53,123	1/4	42,401	1/4	31,689	1/4	20,991	1/4	10,270	1/4	518	1/4		1/4		1/4	
1/2	63,621	1/2	52,900	1/2	42,178	1/2	31,466	1/2	20,768	1/2	10,047	1/2	425	1/2		1/2		1/2	
3/4	63,398	3/4	52,676	3/4	41,954	3/4	31,244	3/4	20,545	3/4	9,823	3/4	332	3/4		3/4		3/4	
7	63,174	7	52,453	7	41,731	7	31,021	7	20,321	7	9,600	7	277	7		7		7	
1/4	62,951	1/4	52,229	1/4	41,508	1/4	30,799	1/4	20,098	1/4	9,377	1/4	221	1/4		1/4		1/4	
1/2	62,728	1/2	52,006	1/2	41,284	1/2	30,576	1/2	19,875	1/2	9,153	1/2	165	1/2		1/2		1/2	
3/4	62,504	3/4	51,783	3/4	41,061	3/4	30,354	3/4	19,651	3/4	8,930	3/4	109	3/4		3/4		3/4	
8	62,281	8	51,559	8	40,838	8	30,131	8	19,428	8	8,707	8	90	8		8		8	
1/4	62,058	1/4	51,336	1/4	40,614	1/4	29,909	1/4	19,204	1/4	8,483	1/4	72	1/4		1/4		1/4	
1/2	61,834	1/2	51,113	1/2	40,391	1/2	29,687	1/2	18,981	1/2	8,260	1/2	53	1/2		1/2		1/2	
3/4	61,611	3/4	50,889	3/4	40,167	3/4	29,464	3/4	18,758	3/4	8,036	3/4	35	3/4		3/4		3/4	
9	61,388	9	50,666	9	39,944	9	29,242	9	18,534	9	7,813	9		9		9		9	
1/4	61,164	1/4	50,442	1/4	39,721	1/4	29,019	1/4	18,311	1/4	7,590	1/4		1/4		1/4		1/4	
1/2	60,941	1/2	50,219	1/2	39,497	1/2	28,797	1/2	18,088	1/2	7,366	1/2		1/2		1/2		1/2	
3/4	60,717	3/4	49,996	3/4	39,274	3/4	28,574	3/4	17,864	3/4	7,143	3/4		3/4		3/4		3/4	
10	60,494	10	49,772	10	39,051	10	28,352	10	17,641	10	6,920	10		10		10		10	
1/4	60,271	1/4	49,549	1/4	38,827	1/4	28,129	1/4	17,418	1/4	6,697	1/4		1/4		1/4		1/4	
1/2	60,047	1/2	49,326	1/2	38,604	1/2	27,907	1/2	17,194	1/2	6,474	1/2		1/2		1/2		1/2	
3/4	59,824	3/4	49,102	3/4	38,381	3/4	27,684	3/4	16,971	3/4	6,250	3/4		3/4		3/4		3/4	
11	59,601	11	48,879	11	38,157	11	27,462	11	16,747	11	6,028	11		11		11		11	
1/4	59,377	1/4	48,655	1/4	37,934	1/4	27,240	1/4	16,524	1/4	5,805	1/4		1/4		1/4		1/4	
1/2	59,154	1/2	48,432	1/2	37,710	1/2	27,017	1/2	16,301	1/2	5,582	1/2		1/2		1/2		1/2	
3/4	58,930	3/4	48,209	3/4	37,487	3/4	26,795	3/4	16,077	3/4	5,360	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/26/2020 JS
CALCULATED: 05/27/2020 CL
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PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020