



BARGE "CBC 1418"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-1/4	- 02-1/4
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8
3 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8

(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 - 00-3/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/4"

LENGTH BETWEEN DRAFT MARKS: 176'-06"

December 10, 2019

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

<http://www.pmacorp.net>



BARGE "CBC 1418"

1 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	39	0	8,717	0	20,344	0	31,788	0	43,272	0	54,872	0	66,471	0	78,047	0	89,625	0	101,228
1/4	60	1/4	8,959	1/4	20,586	1/4	32,023	1/4	43,514	1/4	55,113	1/4	66,713	1/4	78,287	1/4	89,866	1/4	101,470
1/2	80	1/2	9,202	1/2	20,829	1/2	32,257	1/2	43,756	1/2	55,355	1/2	66,954	1/2	78,527	1/2	90,108	1/2	101,712
3/4	100	3/4	9,444	3/4	21,071	3/4	32,492	3/4	43,997	3/4	55,597	3/4	67,196	3/4	78,768	3/4	90,350	3/4	101,954
1	120	1	9,686	1	21,313	1	32,726	1	44,239	1	55,838	1	67,437	1	79,008	1	90,592	1	102,195
1/4	181	1/4	9,928	1/4	21,555	1/4	32,961	1/4	44,481	1/4	56,080	1/4	67,679	1/4	79,248	1/4	90,833	1/4	102,437
1/2	241	1/2	10,170	1/2	21,798	1/2	33,195	1/2	44,722	1/2	56,322	1/2	67,921	1/2	79,489	1/2	91,075	1/2	102,679
3/4	302	3/4	10,413	3/4	22,040	3/4	33,429	3/4	44,964	3/4	56,563	3/4	68,162	3/4	79,729	3/4	91,317	3/4	102,921
2	362	2	10,655	2	22,282	2	33,664	2	45,206	2	56,805	2	68,404	2	79,969	2	91,559	2	103,162
1/4	463	1/4	10,897	1/4	22,524	1/4	33,898	1/4	45,447	1/4	57,047	1/4	68,646	1/4	80,210	1/4	91,800	1/4	103,404
1/2	564	1/2	11,139	1/2	22,767	1/2	34,133	1/2	45,689	1/2	57,288	1/2	68,887	1/2	80,450	1/2	92,042	1/2	103,646
3/4	665	3/4	11,382	3/4	23,009	3/4	34,367	3/4	45,931	3/4	57,530	3/4	69,129	3/4	80,690	3/4	92,284	3/4	103,888
3	766	3	11,624	3	23,251	3	34,602	3	46,172	3	57,771	3	69,371	3	80,930	3	92,526	3	104,129
1/4	907	1/4	11,866	1/4	23,493	1/4	34,836	1/4	46,414	1/4	58,013	1/4	69,612	1/4	81,171	1/4	92,767	1/4	104,371
1/2	1,049	1/2	12,108	1/2	23,736	1/2	35,071	1/2	46,656	1/2	58,255	1/2	69,854	1/2	81,411	1/2	93,009	1/2	104,613
3/4	1,190	3/4	12,351	3/4	23,978	3/4	35,305	3/4	46,897	3/4	58,496	3/4	70,096	3/4	81,651	3/4	93,251	3/4	104,854
4	1,331	4	12,593	4	24,220	4	35,540	4	47,139	4	58,738	4	70,337	4	81,892	4	93,493	4	105,096
1/4	1,513	1/4	12,835	1/4	24,462	1/4	35,781	1/4	47,381	1/4	58,980	1/4	70,579	1/4	82,133	1/4	93,734	1/4	105,338
1/2	1,694	1/2	13,077	1/2	24,704	1/2	36,023	1/2	47,622	1/2	59,221	1/2	70,821	1/2	82,374	1/2	93,976	1/2	105,580
3/4	1,876	3/4	13,319	3/4	24,947	3/4	36,265	3/4	47,864	3/4	59,463	3/4	71,062	3/4	82,615	3/4	94,218	3/4	105,821
5	2,058	5	13,562	5	25,189	5	36,506	5	48,105	5	59,705	5	71,304	5	82,856	5	94,460	5	106,063
1/4	2,279	1/4	13,804	1/4	25,431	1/4	36,748	1/4	48,347	1/4	59,946	1/4	71,546	1/4	83,097	1/4	94,701	1/4	106,305
1/2	2,500	1/2	14,046	1/2	25,673	1/2	36,990	1/2	48,589	1/2	60,188	1/2	71,787	1/2	83,339	1/2	94,943	1/2	106,547
3/4	2,722	3/4	14,288	3/4	25,916	3/4	37,231	3/4	48,830	3/4	60,430	3/4	72,029	3/4	83,581	3/4	95,185	3/4	106,788
6	2,943	6	14,531	6	26,158	6	37,473	6	49,072	6	60,671	6	72,270	6	83,823	6	95,426	6	107,030
1/4	3,181	1/4	14,773	1/4	26,393	1/4	37,715	1/4	49,314	1/4	60,913	1/4	72,512	1/4	84,064	1/4	95,668	1/4	107,272
1/2	3,418	1/2	15,015	1/2	26,628	1/2	37,956	1/2	49,555	1/2	61,155	1/2	72,753	1/2	84,306	1/2	95,910	1/2	107,514
3/4	3,655	3/4	15,257	3/4	26,862	3/4	38,198	3/4	49,797	3/4	61,396	3/4	72,994	3/4	84,548	3/4	96,152	3/4	107,755
7	3,893	7	15,500	7	27,097	7	38,439	7	50,039	7	61,638	7	73,235	7	84,790	7	96,393	7	107,997
1/4	4,132	1/4	15,742	1/4	27,332	1/4	38,681	1/4	50,280	1/4	61,880	1/4	73,476	1/4	85,031	1/4	96,635	1/4	108,239
1/2	4,372	1/2	15,984	1/2	27,567	1/2	38,923	1/2	50,522	1/2	62,121	1/2	73,717	1/2	85,273	1/2	96,877	1/2	108,481
3/4	4,611	3/4	16,226	3/4	27,802	3/4	39,164	3/4	50,764	3/4	62,363	3/4	73,958	3/4	85,515	3/4	97,119	3/4	108,722
8	4,851	8	16,469	8	28,037	8	39,406	8	51,005	8	62,604	8	74,199	8	85,757	8	97,360	8	108,964
1/4	5,092	1/4	16,711	1/4	28,271	1/4	39,648	1/4	51,247	1/4	62,846	1/4	74,440	1/4	85,998	1/4	97,602	1/4	109,206
1/2	5,332	1/2	16,953	1/2	28,506	1/2	39,889	1/2	51,489	1/2	63,088	1/2	74,681	1/2	86,240	1/2	97,844	1/2	109,448
3/4	5,573	3/4	17,195	3/4	28,740	3/4	40,131	3/4	51,730	3/4	63,329	3/4	74,922	3/4	86,482	3/4	98,086	3/4	109,689
9	5,814	9	17,437	9	28,975	9	40,373	9	51,972	9	63,571	9	75,163	9	86,724	9	98,327	9	109,931
1/4	6,056	1/4	17,680	1/4	29,209	1/4	40,614	1/4	52,214	1/4	63,813	1/4	75,404	1/4	86,965	1/4	98,569	1/4	110,173
1/2	6,297	1/2	17,922	1/2	29,443	1/2	40,856	1/2	52,455	1/2	64,054	1/2	75,644	1/2	87,207	1/2	98,811	1/2	110,415
3/4	6,539	3/4	18,164	3/4	29,678	3/4	41,098	3/4	52,697	3/4	64,296	3/4	75,884	3/4	87,449	3/4	99,053	3/4	110,656
10	6,780	10	18,406	10	29,912	10	41,339	10	52,938	10	64,538	10	76,124	10	87,691	10	99,294	10	110,898
1/4	7,022	1/4	18,649	1/4	30,147	1/4	41,581	1/4	53,180	1/4	64,779	1/4	76,365	1/4	87,932	1/4	99,536	1/4	111,140
1/2	7,264	1/2	18,891	1/2	30,381	1/2	41,823	1/2	53,422	1/2	65,021	1/2	76,605	1/2	88,174	1/2	99,778	1/2	111,382
3/4	7,506	3/4	19,133	3/4	30,616	3/4	42,064	3/4	53,663	3/4	65,263	3/4	76,845	3/4	88,416	3/4	100,020	3/4	111,623
11	7,748	11	19,375	11	30,850	11	42,306	11	53,905	11	65,504	11	77,086	11	88,658	11	100,261	11	111,865
1/4	7,990	1/4	19,618	1/4	31,085	1/4	42,548	1/4	54,147	1/4	65,746	1/4	77,326	1/4	88,899	1/4	100,503	1/4	112,107
1/2	8,233	1/2	19,860	1/2	31,319	1/2	42,789	1/2	54,388	1/2	65,988	1/2	77,566	1/2	89,141	1/2	100,745	1/2	112,349
3/4	8,475	3/4	20,102	3/4	31,554	3/4	43,031	3/4	54,630	3/4	66,229	3/4	77,807	3/4	89,383	3/4	100,987	3/4	112,590

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 23'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1418"

1 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	112,832	0	122,382	0	130,514	0	138,646	0	146,779	0		0		0		0		0	
1/4	113,073	1/4	122,551	1/4	130,684	1/4	138,816	1/4	146,948	1/4		1/4		1/4		1/4		1/4	
1/2	113,314	1/2	122,721	1/2	130,853	1/2	138,985	1/2	147,118	1/2		1/2		1/2		1/2		1/2	
3/4	113,556	3/4	122,890	3/4	131,022	3/4	139,155	3/4	147,287	3/4		3/4		3/4		3/4		3/4	
1	113,797	1	123,059	1	131,192	1	139,324	1	147,457	1		1		1		1		1	
1/4	114,038	1/4	123,229	1/4	131,361	1/4	139,494	1/4	147,626	1/4		1/4		1/4		1/4		1/4	
1/2	114,279	1/2	123,398	1/2	131,531	1/2	139,663	1/2	147,795	1/2		1/2		1/2		1/2		1/2	
3/4	114,520	3/4	123,568	3/4	131,700	3/4	139,832	3/4	147,965	3/4		3/4		3/4		3/4		3/4	
2	114,762	2	123,737	2	131,869	2	140,002	2	148,134	2		2		2		2		2	
1/4	115,003	1/4	123,907	1/4	132,039	1/4	140,171	1/4	148,304	1/4		1/4		1/4		1/4		1/4	
1/2	115,244	1/2	124,076	1/2	132,208	1/2	140,341	1/2	148,473	1/2		1/2		1/2		1/2		1/2	
3/4	115,485	3/4	124,245	3/4	132,378	3/4	140,510	3/4	148,643	3/4		3/4		3/4		3/4		3/4	
3	115,726	3	124,415	3	132,547	3	140,680	3	148,812	3		3		3		3		3	
1/4	115,967	1/4	124,584	1/4	132,717	1/4	140,849	1/4	149,034	1/4		1/4		1/4		1/4		1/4	
1/2	116,209	1/2	124,754	1/2	132,886	1/2	141,018	1/2	149,256	1/2		1/2		1/2		1/2		1/2	
3/4	116,450	3/4	124,923	3/4	133,055	3/4	141,188	3/4	149,478	3/4		3/4		3/4		3/4		3/4	
4	116,691	4	125,093	4	133,225	4	141,357	4	149,700	4		4		4		4		4	
1/4	116,932	1/4	125,262	1/4	133,394	1/4	141,527	1/4	149,882	1/4		1/4		1/4		1/4		1/4	
1/2	117,173	1/2	125,431	1/2	133,564	1/2	141,696	1/2	150,064	1/2		1/2		1/2		1/2		1/2	
3/4	117,415	3/4	125,601	3/4	133,733	3/4	141,866	3/4	150,245	3/4		3/4		3/4		3/4		3/4	
5	117,656	5	125,770	5	133,903	5	142,035	5	150,427	5		5		5		5		5	
1/4	117,824	1/4	125,940	1/4	134,072	1/4	142,204	1/4	150,568	1/4		1/4		1/4		1/4		1/4	
1/2	117,992	1/2	126,109	1/2	134,241	1/2	142,374	1/2	150,709	1/2		1/2		1/2		1/2		1/2	
3/4	118,161	3/4	126,278	3/4	134,411	3/4	142,543	3/4	150,851	3/4		3/4		3/4		3/4		3/4	
6	118,329	6	126,448	6	134,580	6	142,713	6	150,992	6		6		6		6		6	
1/4	118,498	1/4	126,617	1/4	134,750	1/4	142,882	1/4	151,093	1/4		1/4		1/4		1/4		1/4	
1/2	118,667	1/2	126,787	1/2	134,919	1/2	143,052	1/2	151,194	1/2		1/2		1/2		1/2		1/2	
3/4	118,836	3/4	126,956	3/4	135,089	3/4	143,221	3/4	151,295	3/4		3/4		3/4		3/4		3/4	
7	119,005	7	127,126	7	135,258	7	143,390	7	151,396	7		7		7		7		7	
1/4	119,173	1/4	127,295	1/4	135,427	1/4	143,560	1/4	151,456	1/4		1/4		1/4		1/4		1/4	
1/2	119,342	1/2	127,464	1/2	135,597	1/2	143,729	1/2	151,517	1/2		1/2		1/2		1/2		1/2	
3/4	119,511	3/4	127,634	3/4	135,766	3/4	143,899	3/4	151,578	3/4		3/4		3/4		3/4		3/4	
8	119,680	8	127,803	8	135,936	8	144,068	8	151,638	8		8		8		8		8	
1/4	119,849	1/4	127,973	1/4	136,105	1/4	144,237	1/4	151,658	1/4		1/4		1/4		1/4		1/4	
1/2	120,018	1/2	128,142	1/2	136,275	1/2	144,407	1/2	151,678	1/2		1/2		1/2		1/2		1/2	
3/4	120,187	3/4	128,312	3/4	136,444	3/4	144,576	3/4		3/4		3/4		3/4		3/4		3/4	
9	120,355	9	128,481	9	136,613	9	144,746	9		9		9		9		9		9	
1/4	120,524	1/4	128,650	1/4	136,783	1/4	144,915	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,693	1/2	128,820	1/2	136,952	1/2	145,085	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,862	3/4	128,989	3/4	137,122	3/4	145,254	3/4		3/4		3/4		3/4		3/4		3/4	
10	121,031	10	129,159	10	137,291	10	145,423	10		10		10		10		10		10	
1/4	121,200	1/4	129,328	1/4	137,461	1/4	145,593	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,369	1/2	129,498	1/2	137,630	1/2	145,762	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,537	3/4	129,667	3/4	137,799	3/4	145,932	3/4		3/4		3/4		3/4		3/4		3/4	
11	121,706	11	129,836	11	137,969	11	146,101	11		11		11		11		11		11	
1/4	121,875	1/4	130,006	1/4	138,138	1/4	146,271	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,044	1/2	130,175	1/2	138,308	1/2	146,440	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,213	3/4	130,345	3/4	138,477	3/4	146,609	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/09/2019 CL
CALCULATED: 12/09/2019 CL
PRINTED: 12/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1418"

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	39	0	10,070	0	23,509	0	36,785	0	50,062	0	63,502	0	76,941	0	90,381	0	103,821	0	117,260
1/4	63	1/4	10,350	1/4	23,789	1/4	37,057	1/4	50,342	1/4	63,782	1/4	77,221	1/4	90,661	1/4	104,101	1/4	117,540
1/2	86	1/2	10,630	1/2	24,069	1/2	37,329	1/2	50,622	1/2	64,062	1/2	77,501	1/2	90,941	1/2	104,381	1/2	117,820
3/4	109	3/4	10,910	3/4	24,349	3/4	37,601	3/4	50,902	3/4	64,342	3/4	77,781	3/4	91,221	3/4	104,661	3/4	118,100
1	133	1	11,190	1	24,629	1	37,872	1	51,182	1	64,622	1	78,061	1	91,501	1	104,941	1	118,380
1/4	203	1/4	11,470	1/4	24,909	1/4	38,144	1/4	51,462	1/4	64,902	1/4	78,341	1/4	91,781	1/4	105,221	1/4	118,660
1/2	273	1/2	11,750	1/2	25,189	1/2	38,416	1/2	51,742	1/2	65,182	1/2	78,621	1/2	92,061	1/2	105,501	1/2	118,940
3/4	343	3/4	12,030	3/4	25,469	3/4	38,688	3/4	52,022	3/4	65,462	3/4	78,901	3/4	92,341	3/4	105,781	3/4	119,220
2	413	2	12,310	2	25,749	2	38,960	2	52,302	2	65,742	2	79,181	2	92,621	2	106,060	2	119,500
1/4	529	1/4	12,590	1/4	26,029	1/4	39,231	1/4	52,582	1/4	66,022	1/4	79,461	1/4	92,901	1/4	106,340	1/4	119,780
1/2	646	1/2	12,870	1/2	26,309	1/2	39,503	1/2	52,862	1/2	66,302	1/2	79,741	1/2	93,181	1/2	106,620	1/2	120,060
3/4	763	3/4	13,150	3/4	26,589	3/4	39,775	3/4	53,142	3/4	66,582	3/4	80,021	3/4	93,461	3/4	106,900	3/4	120,340
3	879	3	13,430	3	26,869	3	40,047	3	53,422	3	66,862	3	80,301	3	93,741	3	107,180	3	120,620
1/4	1,043	1/4	13,710	1/4	27,149	1/4	40,318	1/4	53,702	1/4	67,142	1/4	80,581	1/4	94,021	1/4	107,460	1/4	120,900
1/2	1,206	1/2	13,990	1/2	27,429	1/2	40,590	1/2	53,982	1/2	67,422	1/2	80,861	1/2	94,301	1/2	107,740	1/2	121,180
3/4	1,369	3/4	14,270	3/4	27,709	3/4	40,862	3/4	54,262	3/4	67,702	3/4	81,141	3/4	94,581	3/4	108,020	3/4	121,460
4	1,533	4	14,550	4	27,989	4	41,134	4	54,542	4	67,982	4	81,421	4	94,861	4	108,300	4	121,740
1/4	1,743	1/4	14,830	1/4	28,269	1/4	41,406	1/4	54,822	1/4	68,262	1/4	81,701	1/4	95,141	1/4	108,580	1/4	122,020
1/2	1,953	1/2	15,109	1/2	28,549	1/2	41,678	1/2	55,102	1/2	68,542	1/2	81,981	1/2	95,421	1/2	108,860	1/2	122,300
3/4	2,162	3/4	15,389	3/4	28,829	3/4	41,950	3/4	55,382	3/4	68,821	3/4	82,261	3/4	95,701	3/4	109,140	3/4	122,580
5	2,372	5	15,669	5	29,109	5	42,222	5	55,662	5	69,101	5	82,541	5	95,981	5	109,420	5	122,860
1/4	2,628	1/4	15,949	1/4	29,389	1/4	42,502	1/4	55,942	1/4	69,381	1/4	82,821	1/4	96,261	1/4	109,700	1/4	123,140
1/2	2,884	1/2	16,229	1/2	29,669	1/2	42,782	1/2	56,222	1/2	69,661	1/2	83,101	1/2	96,541	1/2	109,980	1/2	123,420
3/4	3,140	3/4	16,509	3/4	29,949	3/4	43,062	3/4	56,502	3/4	69,941	3/4	83,381	3/4	96,821	3/4	110,260	3/4	123,700
6	3,396	6	16,789	6	30,229	6	43,342	6	56,782	6	70,221	6	83,661	6	97,101	6	110,540	6	123,980
1/4	3,671	1/4	17,069	1/4	30,509	1/4	43,622	1/4	57,062	1/4	70,501	1/4	83,941	1/4	97,381	1/4	110,820	1/4	124,260
1/2	3,945	1/2	17,349	1/2	30,789	1/2	43,902	1/2	57,342	1/2	70,781	1/2	84,221	1/2	97,661	1/2	111,100	1/2	124,540
3/4	4,219	3/4	17,629	3/4	31,069	3/4	44,182	3/4	57,622	3/4	71,061	3/4	84,501	3/4	97,941	3/4	111,380	3/4	124,820
7	4,494	7	17,909	7	31,349	7	44,462	7	57,902	7	71,341	7	84,781	7	98,221	7	111,660	7	125,100
1/4	4,771	1/4	18,189	1/4	31,621	1/4	44,742	1/4	58,182	1/4	71,621	1/4	85,061	1/4	98,501	1/4	111,940	1/4	125,380
1/2	5,047	1/2	18,469	1/2	31,893	1/2	45,022	1/2	58,462	1/2	71,901	1/2	85,341	1/2	98,781	1/2	112,220	1/2	125,660
3/4	5,324	3/4	18,749	3/4	32,165	3/4	45,302	3/4	58,742	3/4	72,181	3/4	85,621	3/4	99,061	3/4	112,500	3/4	125,940
8	5,601	8	19,029	8	32,437	8	45,582	8	59,022	8	72,461	8	85,901	8	99,341	8	112,780	8	126,220
1/4	5,879	1/4	19,309	1/4	32,709	1/4	45,862	1/4	59,302	1/4	72,741	1/4	86,181	1/4	99,621	1/4	113,060	1/4	126,500
1/2	6,158	1/2	19,589	1/2	32,981	1/2	46,142	1/2	59,582	1/2	73,021	1/2	86,461	1/2	99,901	1/2	113,340	1/2	126,780
3/4	6,436	3/4	19,869	3/4	33,252	3/4	46,422	3/4	59,862	3/4	73,301	3/4	86,741	3/4	100,181	3/4	113,620	3/4	127,060
9	6,714	9	20,149	9	33,524	9	46,702	9	60,142	9	73,581	9	87,021	9	100,461	9	113,900	9	127,340
1/4	6,993	1/4	20,429	1/4	33,796	1/4	46,982	1/4	60,422	1/4	73,861	1/4	87,301	1/4	100,741	1/4	114,180	1/4	127,620
1/2	7,273	1/2	20,709	1/2	34,068	1/2	47,262	1/2	60,702	1/2	74,141	1/2	87,581	1/2	101,021	1/2	114,460	1/2	127,900
3/4	7,552	3/4	20,989	3/4	34,339	3/4	47,542	3/4	60,982	3/4	74,421	3/4	87,861	3/4	101,301	3/4	114,740	3/4	128,180
10	7,831	10	21,269	10	34,611	10	47,822	10	61,262	10	74,701	10	88,141	10	101,581	10	115,020	10	128,460
1/4	8,111	1/4	21,549	1/4	34,883	1/4	48,102	1/4	61,542	1/4	74,981	1/4	88,421	1/4	101,861	1/4	115,300	1/4	128,740
1/2	8,390	1/2	21,829	1/2	35,155	1/2	48,382	1/2	61,822	1/2	75,261	1/2	88,701	1/2	102,141	1/2	115,580	1/2	129,020
3/4	8,670	3/4	22,109	3/4	35,427	3/4	48,662	3/4	62,102	3/4	75,541	3/4	88,981	3/4	102,421	3/4	115,860	3/4	129,300
11	8,950	11	22,389	11	35,698	11	48,942	11	62,382	11	75,821	11	89,261	11	102,701	11	116,140	11	129,580
1/4	9,230	1/4	22,669	1/4	35,970	1/4	49,222	1/4	62,662	1/4	76,101	1/4	89,541	1/4	102,981	1/4	116,420	1/4	129,860
1/2	9,510	1/2	22,949	1/2	36,242	1/2	49,502	1/2	62,942	1/2	76,381	1/2	89,821	1/2	103,261	1/2	116,700	1/2	130,140
3/4	9,790	3/4	23,229	3/4	36,514	3/4	49,782	3/4	63,222	3/4	76,661	3/4	90,101	3/4	103,541	3/4	116,980	3/4	130,420

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 36'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1418"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0								
1/4	130,980	1/4	144,419	1/4	157,859	1/4	171,299	1/4	184,738	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131,260	1/2	144,699	1/2	158,139	1/2	171,579	1/2	185,018	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131,540	3/4	144,979	3/4	158,419	3/4	171,859	3/4	185,298	3/4		3/4		3/4		3/4		3/4		3/4	
1	131,820	1	145,259	1	158,699	1	172,139	1	185,578	1											
1/4	132,100	1/4	145,539	1/4	158,979	1/4	172,419	1/4	185,858	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132,380	1/2	145,819	1/2	159,259	1/2	172,699	1/2	186,138	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	132,660	3/4	146,099	3/4	159,539	3/4	172,979	3/4	186,418	3/4		3/4		3/4		3/4		3/4		3/4	
2	132,940	2	146,379	2	159,819	2	173,259	2	186,698	2											
1/4	133,220	1/4	146,659	1/4	160,099	1/4	173,539	1/4	186,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	133,500	1/2	146,939	1/2	160,379	1/2	173,819	1/2	187,258	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133,780	3/4	147,219	3/4	160,659	3/4	174,099	3/4	187,538	3/4		3/4		3/4		3/4		3/4		3/4	
3	134,060	3	147,499	3	160,939	3	174,379	3	187,818	3											
1/4	134,340	1/4	147,779	1/4	161,219	1/4	174,659	1/4	188,075	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	134,620	1/2	148,059	1/2	161,499	1/2	174,939	1/2	188,332	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	134,900	3/4	148,339	3/4	161,779	3/4	175,219	3/4	188,588	3/4		3/4		3/4		3/4		3/4		3/4	
4	135,180	4	148,619	4	162,059	4	175,499	4	188,845	4											
1/4	135,460	1/4	148,899	1/4	162,339	1/4	175,779	1/4	189,055	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	135,740	1/2	149,179	1/2	162,619	1/2	176,059	1/2	189,265	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	136,020	3/4	149,459	3/4	162,899	3/4	176,339	3/4	189,475	3/4		3/4		3/4		3/4		3/4		3/4	
5	136,300	5	149,739	5	163,179	5	176,619	5	189,685	5											
1/4	136,580	1/4	150,019	1/4	163,459	1/4	176,899	1/4	189,848	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	136,860	1/2	150,299	1/2	163,739	1/2	177,179	1/2	190,012	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	137,140	3/4	150,579	3/4	164,019	3/4	177,459	3/4	190,175	3/4		3/4		3/4		3/4		3/4		3/4	
6	137,420	6	150,859	6	164,299	6	177,739	6	190,338	6											
1/4	137,700	1/4	151,139	1/4	164,579	1/4	178,019	1/4	190,455	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	137,980	1/2	151,419	1/2	164,859	1/2	178,299	1/2	190,572	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	138,260	3/4	151,699	3/4	165,139	3/4	178,579	3/4	190,688	3/4		3/4		3/4		3/4		3/4		3/4	
7	138,540	7	151,979	7	165,419	7	178,859	7	190,805	7											
1/4	138,820	1/4	152,259	1/4	165,699	1/4	179,139	1/4	190,875	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	139,100	1/2	152,539	1/2	165,979	1/2	179,419	1/2	190,945	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139,380	3/4	152,819	3/4	166,259	3/4	179,699	3/4	191,015	3/4		3/4		3/4		3/4		3/4		3/4	
8	139,660	8	153,099	8	166,539	8	179,979	8	191,085	8											
1/4	139,940	1/4	153,379	1/4	166,819	1/4	180,259	1/4	191,108	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	140,220	1/2	153,659	1/2	167,099	1/2	180,539	1/2	191,132	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	140,500	3/4	153,939	3/4	167,379	3/4	180,818	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	140,780	9	154,219	9	167,659	9	181,098	9		9											
1/4	141,060	1/4	154,499	1/4	167,939	1/4	181,378	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141,340	1/2	154,779	1/2	168,219	1/2	181,658	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	141,620	3/4	155,059	3/4	168,499	3/4	181,938	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	141,900	10	155,339	10	168,779	10	182,218	10		10											
1/4	142,180	1/4	155,619	1/4	169,059	1/4	182,498	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	142,460	1/2	155,899	1/2	169,339	1/2	182,778	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	142,740	3/4	156,179	3/4	169,619	3/4	183,058	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	143,020	11	156,459	11	169,899	11	183,338	11		11											
1/4	143,300	1/4	156,739	1/4	170,179	1/4	183,618	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143,579	1/2	157,019	1/2	170,459	1/2	183,898	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	143,859	3/4	157,299	3/4	170,739	3/4	184,178	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/09/2019 CL
CALCULATED: 12/09/2019 CL
PRINTED: 12/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1418"

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	40	0	9,024	0	21,061	0	33,085	0	45,111	0	57,149	0	69,187	0	81,225	0	93,263	0	105,301
1/4	61	1/4	9,275	1/4	21,312	1/4	33,335	1/4	45,362	1/4	57,400	1/4	69,438	1/4	81,476	1/4	93,514	1/4	105,552
1/2	81	1/2	9,525	1/2	21,563	1/2	33,585	1/2	45,613	1/2	57,651	1/2	69,689	1/2	81,727	1/2	93,765	1/2	105,803
3/4	102	3/4	9,776	3/4	21,814	3/4	33,835	3/4	45,864	3/4	57,902	3/4	69,940	3/4	81,978	3/4	94,016	3/4	106,054
1	123	1	10,027	1	22,065	1	34,085	1	46,114	1	58,152	1	70,190	1	82,228	1	94,266	1	106,304
1/4	186	1/4	10,278	1/4	22,315	1/4	34,335	1/4	46,365	1/4	58,403	1/4	70,441	1/4	82,479	1/4	94,517	1/4	106,555
1/2	249	1/2	10,529	1/2	22,566	1/2	34,585	1/2	46,616	1/2	58,654	1/2	70,692	1/2	82,730	1/2	94,768	1/2	106,806
3/4	311	3/4	10,779	3/4	22,817	3/4	34,835	3/4	46,867	3/4	58,905	3/4	70,943	3/4	82,981	3/4	95,019	3/4	107,057
2	374	2	11,030	2	23,068	2	35,085	2	47,118	2	59,156	2	71,194	2	83,232	2	95,270	2	107,308
1/4	478	1/4	11,281	1/4	23,318	1/4	35,335	1/4	47,368	1/4	59,406	1/4	71,444	1/4	83,482	1/4	95,520	1/4	107,558
1/2	583	1/2	11,532	1/2	23,569	1/2	35,585	1/2	47,619	1/2	59,657	1/2	71,695	1/2	83,733	1/2	95,771	1/2	107,809
3/4	687	3/4	11,782	3/4	23,820	3/4	35,835	3/4	47,870	3/4	59,908	3/4	71,946	3/4	83,984	3/4	96,022	3/4	108,060
3	792	3	12,033	3	24,071	3	36,086	3	48,121	3	60,159	3	72,197	3	84,235	3	96,273	3	108,311
1/4	938	1/4	12,284	1/4	24,322	1/4	36,336	1/4	48,371	1/4	60,409	1/4	72,447	1/4	84,485	1/4	96,523	1/4	108,561
1/2	1,084	1/2	12,535	1/2	24,572	1/2	36,586	1/2	48,622	1/2	60,660	1/2	72,698	1/2	84,736	1/2	96,774	1/2	108,812
3/4	1,231	3/4	12,786	3/4	24,823	3/4	36,836	3/4	48,873	3/4	60,911	3/4	72,949	3/4	84,987	3/4	97,025	3/4	109,063
4	1,377	4	13,036	4	25,074	4	37,086	4	49,124	4	61,162	4	73,200	4	85,238	4	97,276	4	109,314
1/4	1,565	1/4	13,287	1/4	25,325	1/4	37,337	1/4	49,375	1/4	61,413	1/4	73,451	1/4	85,489	1/4	97,527	1/4	109,565
1/2	1,753	1/2	13,538	1/2	25,576	1/2	37,587	1/2	49,625	1/2	61,663	1/2	73,701	1/2	85,739	1/2	97,777	1/2	109,815
3/4	1,941	3/4	13,789	3/4	25,826	3/4	37,838	3/4	49,876	3/4	61,914	3/4	73,952	3/4	85,990	3/4	98,028	3/4	110,066
5	2,129	5	14,040	5	26,077	5	38,089	5	50,127	5	62,165	5	74,203	5	86,241	5	98,279	5	110,317
1/4	2,359	1/4	14,290	1/4	26,328	1/4	38,340	1/4	50,378	1/4	62,416	1/4	74,454	1/4	86,492	1/4	98,530	1/4	110,568
1/2	2,588	1/2	14,541	1/2	26,579	1/2	38,591	1/2	50,629	1/2	62,667	1/2	74,705	1/2	86,743	1/2	98,781	1/2	110,819
3/4	2,817	3/4	14,792	3/4	26,829	3/4	38,841	3/4	50,879	3/4	62,917	3/4	74,955	3/4	86,993	3/4	99,031	3/4	111,069
6	3,046	6	15,043	6	27,080	6	39,092	6	51,130	6	63,168	6	75,206	6	87,244	6	99,282	6	111,320
1/4	3,292	1/4	15,293	1/4	27,331	1/4	39,343	1/4	51,381	1/4	63,419	1/4	75,457	1/4	87,495	1/4	99,533	1/4	111,571
1/2	3,538	1/2	15,544	1/2	27,581	1/2	39,594	1/2	51,632	1/2	63,670	1/2	75,708	1/2	87,746	1/2	99,784	1/2	111,822
3/4	3,784	3/4	15,795	3/4	27,832	3/4	39,845	3/4	51,883	3/4	63,921	3/4	75,959	3/4	87,997	3/4	100,035	3/4	112,073
7	4,029	7	16,046	7	28,082	7	40,095	7	52,133	7	64,171	7	76,209	7	88,247	7	100,285	7	112,323
1/4	4,277	1/4	16,297	1/4	28,332	1/4	40,346	1/4	52,384	1/4	64,422	1/4	76,460	1/4	88,498	1/4	100,536	1/4	112,574
1/2	4,525	1/2	16,547	1/2	28,583	1/2	40,597	1/2	52,635	1/2	64,673	1/2	76,711	1/2	88,749	1/2	100,787	1/2	112,825
3/4	4,773	3/4	16,798	3/4	28,833	3/4	40,848	3/4	52,886	3/4	64,924	3/4	76,962	3/4	89,000	3/4	101,038	3/4	113,076
8	5,021	8	17,049	8	29,084	8	41,099	8	53,137	8	65,175	8	77,213	8	89,251	8	101,289	8	113,327
1/4	5,271	1/4	17,300	1/4	29,334	1/4	41,349	1/4	53,387	1/4	65,425	1/4	77,463	1/4	89,501	1/4	101,539	1/4	113,577
1/2	5,520	1/2	17,550	1/2	29,584	1/2	41,600	1/2	53,638	1/2	65,676	1/2	77,714	1/2	89,752	1/2	101,790	1/2	113,828
3/4	5,769	3/4	17,801	3/4	29,834	3/4	41,851	3/4	53,889	3/4	65,927	3/4	77,965	3/4	90,003	3/4	102,041	3/4	114,079
9	6,018	9	18,052	9	30,084	9	42,102	9	54,140	9	66,178	9	78,216	9	90,254	9	102,292	9	114,330
1/4	6,268	1/4	18,303	1/4	30,334	1/4	42,352	1/4	54,390	1/4	66,428	1/4	78,466	1/4	90,504	1/4	102,542	1/4	114,580
1/2	6,518	1/2	18,554	1/2	30,584	1/2	42,603	1/2	54,641	1/2	66,679	1/2	78,717	1/2	90,755	1/2	102,793	1/2	114,831
3/4	6,769	3/4	18,804	3/4	30,834	3/4	42,854	3/4	54,892	3/4	66,930	3/4	78,968	3/4	91,006	3/4	103,044	3/4	115,082
10	7,019	10	19,055	10	31,084	10	43,105	10	55,143	10	67,181	10	79,219	10	91,257	10	103,295	10	115,333
1/4	7,269	1/4	19,306	1/4	31,334	1/4	43,356	1/4	55,394	1/4	67,432	1/4	79,470	1/4	91,508	1/4	103,546	1/4	115,584
1/2	7,520	1/2	19,557	1/2	31,584	1/2	43,606	1/2	55,644	1/2	67,682	1/2	79,720	1/2	91,758	1/2	103,796	1/2	115,834
3/4	7,770	3/4	19,808	3/4	31,834	3/4	43,857	3/4	55,895	3/4	67,933	3/4	79,971	3/4	92,009	3/4	104,047	3/4	116,085
11	8,021	11	20,058	11	32,084	11	44,108	11	56,146	11	68,184	11	80,222	11	92,260	11	104,298	11	116,336
1/4	8,272	1/4	20,309	1/4	32,335	1/4	44,359	1/4	56,397	1/4	68,435	1/4	80,473	1/4	92,511	1/4	104,549	1/4	116,587
1/2	8,522	1/2	20,560	1/2	32,585	1/2	44,610	1/2	56,648	1/2	68,686	1/2	80,724	1/2	92,762	1/2	104,800	1/2	116,838
3/4	8,773	3/4	20,811	3/4	32,835	3/4	44,860	3/4	56,898	3/4	68,936	3/4	80,974	3/4	93,012	3/4	105,050	3/4	117,088

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'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 1418"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0								
1/4	117,590	1/4	129,628	1/4	141,666	1/4	153,704	1/4	165,742	1/4		1/4		1/4		1/4		1/4	
1/2	117,841	1/2	129,879	1/2	141,917	1/2	153,955	1/2	165,993	1/2		1/2		1/2		1/2		1/2	
3/4	118,092	3/4	130,130	3/4	142,168	3/4	154,206	3/4	166,244	3/4		3/4		3/4		3/4		3/4	
1	118,342	1	130,380	1	142,418	1	154,456	1	166,494	1									
1/4	118,593	1/4	130,631	1/4	142,669	1/4	154,707	1/4	166,745	1/4		1/4		1/4		1/4		1/4	
1/2	118,844	1/2	130,882	1/2	142,920	1/2	154,958	1/2	166,996	1/2		1/2		1/2		1/2		1/2	
3/4	119,095	3/4	131,133	3/4	143,171	3/4	155,209	3/4	167,247	3/4		3/4		3/4		3/4		3/4	
2	119,346	2	131,384	2	143,422	2	155,460	2	167,498	2									
1/4	119,596	1/4	131,634	1/4	143,672	1/4	155,710	1/4	167,748	1/4		1/4		1/4		1/4		1/4	
1/2	119,847	1/2	131,885	1/2	143,923	1/2	155,961	1/2	167,999	1/2		1/2		1/2		1/2		1/2	
3/4	120,098	3/4	132,136	3/4	144,174	3/4	156,212	3/4	168,250	3/4		3/4		3/4		3/4		3/4	
3	120,349	3	132,387	3	144,425	3	156,463	3	168,501	3									
1/4	120,599	1/4	132,637	1/4	144,675	1/4	156,713	1/4	168,731	1/4		1/4		1/4		1/4		1/4	
1/2	120,850	1/2	132,888	1/2	144,926	1/2	156,964	1/2	168,960	1/2		1/2		1/2		1/2		1/2	
3/4	121,101	3/4	133,139	3/4	145,177	3/4	157,215	3/4	169,190	3/4		3/4		3/4		3/4		3/4	
4	121,352	4	133,390	4	145,428	4	157,466	4	169,420	4									
1/4	121,603	1/4	133,641	1/4	145,679	1/4	157,717	1/4	169,608	1/4		1/4		1/4		1/4		1/4	
1/2	121,853	1/2	133,891	1/2	145,929	1/2	157,967	1/2	169,796	1/2		1/2		1/2		1/2		1/2	
3/4	122,104	3/4	134,142	3/4	146,180	3/4	158,218	3/4	169,985	3/4		3/4		3/4		3/4		3/4	
5	122,355	5	134,393	5	146,431	5	158,469	5	170,173	5									
1/4	122,606	1/4	134,644	1/4	146,682	1/4	158,720	1/4	170,319	1/4		1/4		1/4		1/4		1/4	
1/2	122,857	1/2	134,895	1/2	146,933	1/2	158,971	1/2	170,465	1/2		1/2		1/2		1/2		1/2	
3/4	123,107	3/4	135,145	3/4	147,183	3/4	159,221	3/4	170,612	3/4		3/4		3/4		3/4		3/4	
6	123,358	6	135,396	6	147,434	6	159,472	6	170,758	6									
1/4	123,609	1/4	135,647	1/4	147,685	1/4	159,723	1/4	170,862	1/4		1/4		1/4		1/4		1/4	
1/2	123,860	1/2	135,898	1/2	147,936	1/2	159,974	1/2	170,967	1/2		1/2		1/2		1/2		1/2	
3/4	124,111	3/4	136,149	3/4	148,187	3/4	160,225	3/4	171,071	3/4		3/4		3/4		3/4		3/4	
7	124,361	7	136,399	7	148,437	7	160,475	7	171,176	7									
1/4	124,612	1/4	136,650	1/4	148,688	1/4	160,726	1/4	171,238	1/4		1/4		1/4		1/4		1/4	
1/2	124,863	1/2	136,901	1/2	148,939	1/2	160,977	1/2	171,301	1/2		1/2		1/2		1/2		1/2	
3/4	125,114	3/4	137,152	3/4	149,190	3/4	161,228	3/4	171,364	3/4		3/4		3/4		3/4		3/4	
8	125,365	8	137,403	8	149,441	8	161,479	8	171,427	8									
1/4	125,615	1/4	137,653	1/4	149,691	1/4	161,729	1/4	171,447	1/4		1/4		1/4		1/4		1/4	
1/2	125,866	1/2	137,904	1/2	149,942	1/2	161,980	1/2	171,468	1/2		1/2		1/2		1/2		1/2	
3/4	126,117	3/4	138,155	3/4	150,193	3/4	162,231	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,368	9	138,406	9	150,444	9	162,482	9		9									
1/4	126,618	1/4	138,656	1/4	150,694	1/4	162,732	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,869	1/2	138,907	1/2	150,945	1/2	162,983	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,120	3/4	139,158	3/4	151,196	3/4	163,234	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,371	10	139,409	10	151,447	10	163,485	10		10									
1/4	127,622	1/4	139,660	1/4	151,698	1/4	163,736	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,872	1/2	139,910	1/2	151,948	1/2	163,986	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,123	3/4	140,161	3/4	152,199	3/4	164,237	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,374	11	140,412	11	152,450	11	164,488	11		11									
1/4	128,625	1/4	140,663	1/4	152,701	1/4	164,739	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,876	1/2	140,914	1/2	152,952	1/2	164,990	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,126	3/4	141,164	3/4	153,202	3/4	165,240	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/09/2019 CL
CALCULATED: 12/09/2019 CL
PRINTED: 12/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1418"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-7/8	01-7/8	- 02-1/4	02-1/4
2 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
3 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8

(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 00-3/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/4"

LENGTH BETWEEN DRAFT MARKS: 176'-06"

December 10, 2019

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

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BARGE "CBC 1418"

1 CENTER ULLAGE 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	0	0	0	0	0	0	144,576	0	136,444	0	128,312	0	120,187	0	109,689	0	98,086	0	86,482
1/4	1/4	1/4	1/4	1/4	151,678	1/4	144,407	1/4	136,275	1/4	128,142	1/4	120,018	1/4	109,448	1/4	97,844	1/4	86,240
1/2	1/2	1/2	1/2	1/2	151,658	1/2	144,237	1/2	136,105	1/2	127,973	1/2	119,849	1/2	109,206	1/2	97,602	1/2	85,998
3/4	3/4	3/4	3/4	3/4	151,638	3/4	144,068	3/4	135,936	3/4	127,803	3/4	119,680	3/4	108,964	3/4	97,360	3/4	85,757
1	1	1	1	1	151,578	1	143,899	1	135,766	1	127,634	1	119,511	1	108,722	1	97,119	1	85,515
1/4	1/4	1/4	1/4	1/4	151,517	1/4	143,729	1/4	135,597	1/4	127,464	1/4	119,342	1/4	108,481	1/4	96,877	1/4	85,273
1/2	1/2	1/2	1/2	1/2	151,456	1/2	143,560	1/2	135,427	1/2	127,295	1/2	119,173	1/2	108,239	1/2	96,635	1/2	85,031
3/4	3/4	3/4	3/4	3/4	151,396	3/4	143,390	3/4	135,258	3/4	127,126	3/4	119,005	3/4	107,997	3/4	96,393	3/4	84,790
2	2	2	2	2	151,295	2	143,221	2	135,089	2	126,956	2	118,836	2	107,755	2	96,152	2	84,548
1/4	1/4	1/4	1/4	1/4	151,194	1/4	143,052	1/4	134,919	1/4	126,787	1/4	118,667	1/4	107,514	1/4	95,910	1/4	84,306
1/2	1/2	1/2	1/2	1/2	151,093	1/2	142,882	1/2	134,750	1/2	126,617	1/2	118,498	1/2	107,272	1/2	95,668	1/2	84,064
3/4	3/4	3/4	3/4	3/4	150,992	3/4	142,713	3/4	134,580	3/4	126,448	3/4	118,329	3/4	107,030	3/4	95,426	3/4	83,823
3	3	3	3	3	150,851	3	142,543	3	134,411	3	126,278	3	118,161	3	106,788	3	95,185	3	83,581
1/4	1/4	1/4	1/4	1/4	150,709	1/4	142,374	1/4	134,241	1/4	126,109	1/4	117,992	1/4	106,547	1/4	94,943	1/4	83,339
1/2	1/2	1/2	1/2	1/2	150,568	1/2	142,204	1/2	134,072	1/2	125,940	1/2	117,824	1/2	106,305	1/2	94,701	1/2	83,097
3/4	3/4	3/4	3/4	3/4	150,427	3/4	142,035	3/4	133,903	3/4	125,770	3/4	117,656	3/4	106,063	3/4	94,460	3/4	82,856
4	4	4	4	4	150,245	4	141,866	4	133,733	4	125,601	4	117,415	4	105,821	4	94,218	4	82,615
1/4	1/4	1/4	1/4	1/4	150,064	1/4	141,696	1/4	133,564	1/4	125,431	1/4	117,173	1/4	105,580	1/4	93,976	1/4	82,374
1/2	1/2	1/2	1/2	1/2	149,882	1/2	141,527	1/2	133,394	1/2	125,262	1/2	116,932	1/2	105,338	1/2	93,734	1/2	82,133
3/4	3/4	3/4	3/4	3/4	149,700	3/4	141,357	3/4	133,225	3/4	125,093	3/4	116,691	3/4	105,096	3/4	93,493	3/4	81,892
5	5	5	5	5	149,478	5	141,188	5	133,055	5	124,923	5	116,450	5	104,854	5	93,251	5	81,651
1/4	1/4	1/4	1/4	1/4	149,256	1/4	141,018	1/4	132,886	1/4	124,754	1/4	116,209	1/4	104,613	1/4	93,009	1/4	81,411
1/2	1/2	1/2	1/2	1/2	149,034	1/2	140,849	1/2	132,717	1/2	124,584	1/2	115,967	1/2	104,371	1/2	92,767	1/2	81,171
3/4	3/4	3/4	3/4	3/4	148,812	3/4	140,680	3/4	132,547	3/4	124,415	3/4	115,726	3/4	104,129	3/4	92,526	3/4	80,930
6	6	6	6	6	148,643	6	140,510	6	132,378	6	124,245	6	115,485	6	103,888	6	92,284	6	80,690
1/4	1/4	1/4	1/4	1/4	148,473	1/4	140,341	1/4	132,208	1/4	124,076	1/4	115,244	1/4	103,646	1/4	92,042	1/4	80,450
1/2	1/2	1/2	1/2	1/2	148,304	1/2	140,171	1/2	132,039	1/2	123,907	1/2	115,003	1/2	103,404	1/2	91,800	1/2	80,210
3/4	3/4	3/4	3/4	3/4	148,134	3/4	140,002	3/4	131,869	3/4	123,737	3/4	114,762	3/4	103,162	3/4	91,559	3/4	79,969
7	7	7	7	7	147,965	7	139,832	7	131,700	7	123,568	7	114,520	7	102,921	7	91,317	7	79,729
1/4	1/4	1/4	1/4	1/4	147,795	1/4	139,663	1/4	131,531	1/4	123,398	1/4	114,279	1/4	102,679	1/4	91,075	1/4	79,489
1/2	1/2	1/2	1/2	1/2	147,626	1/2	139,494	1/2	131,361	1/2	123,229	1/2	114,038	1/2	102,437	1/2	90,833	1/2	79,248
3/4	3/4	3/4	3/4	3/4	147,457	3/4	139,324	3/4	131,192	3/4	123,059	3/4	113,797	3/4	102,195	3/4	90,592	3/4	79,008
8	8	8	8	8	147,287	8	139,155	8	131,022	8	122,890	8	113,556	8	101,954	8	90,350	8	78,768
1/4	1/4	1/4	1/4	1/4	147,118	1/4	138,985	1/4	130,853	1/4	122,721	1/4	113,314	1/4	101,712	1/4	90,108	1/4	78,527
1/2	1/2	1/2	1/2	1/2	146,948	1/2	138,816	1/2	130,684	1/2	122,551	1/2	113,073	1/2	101,470	1/2	89,866	1/2	78,287
3/4	3/4	3/4	3/4	3/4	146,779	3/4	138,646	3/4	130,514	3/4	122,382	3/4	112,832	3/4	101,228	3/4	89,625	3/4	78,047
9	9	9	9	9	146,609	9	138,477	9	130,345	9	122,213	9	112,590	9	100,987	9	89,383	9	77,807
1/4	1/4	1/4	1/4	1/4	146,440	1/4	138,308	1/4	130,175	1/4	122,044	1/4	112,349	1/4	100,745	1/4	89,141	1/4	77,566
1/2	1/2	1/2	1/2	1/2	146,271	1/2	138,138	1/2	130,006	1/2	121,875	1/2	112,107	1/2	100,503	1/2	88,899	1/2	77,326
3/4	3/4	3/4	3/4	3/4	146,101	3/4	137,969	3/4	129,836	3/4	121,706	3/4	111,865	3/4	100,261	3/4	88,658	3/4	77,086
10	10	10	10	10	145,932	10	137,799	10	129,667	10	121,537	10	111,623	10	100,020	10	88,416	10	76,845
1/4	1/4	1/4	1/4	1/4	145,762	1/4	137,630	1/4	129,498	1/4	121,369	1/4	111,382	1/4	99,778	1/4	88,174	1/4	76,605
1/2	1/2	1/2	1/2	1/2	145,593	1/2	137,461	1/2	129,328	1/2	121,200	1/2	111,140	1/2	99,536	1/2	87,932	1/2	76,365
3/4	3/4	3/4	3/4	3/4	145,423	3/4	137,291	3/4	129,159	3/4	121,031	3/4	110,898	3/4	99,294	3/4	87,691	3/4	76,124
11	11	11	11	11	145,254	11	137,122	11	128,989	11	120,862	11	110,656	11	99,053	11	87,449	11	75,884
1/4	1/4	1/4	1/4	1/4	145,085	1/4	136,952	1/4	128,820	1/4	120,693	1/4	110,415	1/4	98,811	1/4	87,207	1/4	75,644
1/2	1/2	1/2	1/2	1/2	144,915	1/2	136,783	1/2	128,650	1/2	120,524	1/2	110,173	1/2	98,569	1/2	86,965	1/2	75,404
3/4	3/4	3/4	3/4	3/4	144,746	3/4	136,613	3/4	128,481	3/4	120,355	3/4	109,931	3/4	98,327	3/4	86,724	3/4	75,163

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 23'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 1418"

1 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	74,922	0	63,329	0	51,730	0	40,131	0	28,740	0	17,195	0	5,573	0		0		0	
1/4	74,681	1/4	63,088	1/4	51,489	1/4	39,889	1/4	28,506	1/4	16,953	1/4	5,332	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,440	1/2	62,846	1/2	51,247	1/2	39,648	1/2	28,271	1/2	16,711	1/2	5,092	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,199	3/4	62,604	3/4	51,005	3/4	39,406	3/4	28,037	3/4	16,469	3/4	4,851	3/4	3/4	3/4	3/4	3/4	3/4
1	73,958	1	62,363	1	50,764	1	39,164	1	27,802	1	16,226	1	4,611	1		1		1	
1/4	73,717	1/4	62,121	1/4	50,522	1/4	38,923	1/4	27,567	1/4	15,984	1/4	4,372	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,476	1/2	61,880	1/2	50,280	1/2	38,681	1/2	27,332	1/2	15,742	1/2	4,132	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,235	3/4	61,638	3/4	50,039	3/4	38,439	3/4	27,097	3/4	15,500	3/4	3,893	3/4	3/4	3/4	3/4	3/4	3/4
2	72,994	2	61,396	2	49,797	2	38,198	2	26,862	2	15,257	2	3,655	2		2		2	
1/4	72,753	1/4	61,155	1/4	49,555	1/4	37,956	1/4	26,628	1/4	15,015	1/4	3,418	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,512	1/2	60,913	1/2	49,314	1/2	37,715	1/2	26,393	1/2	14,773	1/2	3,181	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,270	3/4	60,671	3/4	49,072	3/4	37,473	3/4	26,158	3/4	14,531	3/4	2,943	3/4	3/4	3/4	3/4	3/4	3/4
3	72,029	3	60,430	3	48,830	3	37,231	3	25,916	3	14,288	3	2,722	3		3		3	
1/4	71,787	1/4	60,188	1/4	48,589	1/4	36,990	1/4	25,673	1/4	14,046	1/4	2,500	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,546	1/2	59,946	1/2	48,347	1/2	36,748	1/2	25,431	1/2	13,804	1/2	2,279	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,304	3/4	59,705	3/4	48,105	3/4	36,506	3/4	25,189	3/4	13,562	3/4	2,058	3/4	3/4	3/4	3/4	3/4	3/4
4	71,062	4	59,463	4	47,864	4	36,265	4	24,947	4	13,319	4	1,876	4		4		4	
1/4	70,821	1/4	59,221	1/4	47,622	1/4	36,023	1/4	24,704	1/4	13,077	1/4	1,694	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,579	1/2	58,980	1/2	47,381	1/2	35,781	1/2	24,462	1/2	12,835	1/2	1,513	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,337	3/4	58,738	3/4	47,139	3/4	35,540	3/4	24,220	3/4	12,593	3/4	1,331	3/4	3/4	3/4	3/4	3/4	3/4
5	70,096	5	58,496	5	46,897	5	35,305	5	23,978	5	12,351	5	1,190	5		5		5	
1/4	69,854	1/4	58,255	1/4	46,656	1/4	35,071	1/4	23,736	1/4	12,108	1/4	1,049	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,612	1/2	58,013	1/2	46,414	1/2	34,836	1/2	23,493	1/2	11,866	1/2	907	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,371	3/4	57,771	3/4	46,172	3/4	34,602	3/4	23,251	3/4	11,624	3/4	766	3/4	3/4	3/4	3/4	3/4	3/4
6	69,129	6	57,530	6	45,931	6	34,367	6	23,009	6	11,382	6	665	6		6		6	
1/4	68,887	1/4	57,288	1/4	45,689	1/4	34,133	1/4	22,767	1/4	11,139	1/4	564	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,646	1/2	57,047	1/2	45,447	1/2	33,898	1/2	22,524	1/2	10,897	1/2	463	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,404	3/4	56,805	3/4	45,206	3/4	33,664	3/4	22,282	3/4	10,655	3/4	362	3/4	3/4	3/4	3/4	3/4	3/4
7	68,162	7	56,563	7	44,964	7	33,429	7	22,040	7	10,413	7	302	7		7		7	
1/4	67,921	1/4	56,322	1/4	44,722	1/4	33,195	1/4	21,798	1/4	10,170	1/4	241	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,679	1/2	56,080	1/2	44,481	1/2	32,961	1/2	21,555	1/2	9,928	1/2	181	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,437	3/4	55,838	3/4	44,239	3/4	32,726	3/4	21,313	3/4	9,686	3/4	120	3/4	3/4	3/4	3/4	3/4	3/4
8	67,196	8	55,597	8	43,997	8	32,492	8	21,071	8	9,444	8	100	8		8		8	
1/4	66,954	1/4	55,355	1/4	43,756	1/4	32,257	1/4	20,829	1/4	9,202	1/4	80	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,713	1/2	55,113	1/2	43,514	1/2	32,023	1/2	20,586	1/2	8,959	1/2	60	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,471	3/4	54,872	3/4	43,272	3/4	31,788	3/4	20,344	3/4	8,717	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4
9	66,229	9	54,630	9	43,031	9	31,554	9	20,102	9	8,475	9		9		9		9	
1/4	65,988	1/4	54,388	1/4	42,789	1/4	31,319	1/4	19,860	1/4	8,233	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,746	1/2	54,147	1/2	42,548	1/2	31,085	1/2	19,618	1/2	7,990	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,504	3/4	53,905	3/4	42,306	3/4	30,850	3/4	19,375	3/4	7,748	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	65,263	10	53,663	10	42,064	10	30,616	10	19,133	10	7,506	10		10		10		10	
1/4	65,021	1/4	53,422	1/4	41,823	1/4	30,381	1/4	18,891	1/4	7,264	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,779	1/2	53,180	1/2	41,581	1/2	30,147	1/2	18,649	1/2	7,022	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,538	3/4	52,938	3/4	41,339	3/4	29,912	3/4	18,406	3/4	6,780	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	64,296	11	52,697	11	41,098	11	29,678	11	18,164	11	6,539	11		11		11		11	
1/4	64,054	1/4	52,455	1/4	40,856	1/4	29,443	1/4	17,922	1/4	6,297	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,813	1/2	52,214	1/2	40,614	1/2	29,209	1/2	17,680	1/2	6,056	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,571	3/4	51,972	3/4	40,373	3/4	28,975	3/4	17,437	3/4	5,814	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/09/2019 CL
CALCULATED: 12/09/2019 CL
PRINTED: 12/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

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



BARGE "CBC 1418"

2 CENTER ULLAGE 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	0	0	191,108	0	180,259	0	166,819	0	153,379	0	139,940	0	126,500	0	113,060	0	99,621		
1/4	1/4	1/4	191,085	1/4	179,979	1/4	166,539	1/4	153,099	1/4	139,660	1/4	126,220	1/4	112,780	1/4	99,341		
1/2	1/2	1/2	191,015	1/2	179,699	1/2	166,259	1/2	152,819	1/2	139,380	1/2	125,940	1/2	112,500	1/2	99,061		
3/4	3/4	3/4	190,945	3/4	179,419	3/4	165,979	3/4	152,539	3/4	139,100	3/4	125,660	3/4	112,220	3/4	98,781		
1	1	1	190,875	1	179,139	1	165,699	1	152,259	1	138,820	1	125,380	1	111,940	1	98,501		
1/4	1/4	1/4	190,805	1/4	178,859	1/4	165,419	1/4	151,979	1/4	138,540	1/4	125,100	1/4	111,660	1/4	98,221		
1/2	1/2	1/2	190,688	1/2	178,579	1/2	165,139	1/2	151,699	1/2	138,260	1/2	124,820	1/2	111,380	1/2	97,941		
3/4	3/4	3/4	190,572	3/4	178,299	3/4	164,859	3/4	151,419	3/4	137,980	3/4	124,540	3/4	111,100	3/4	97,661		
2	2	2	190,455	2	178,019	2	164,579	2	151,139	2	137,700	2	124,260	2	110,820	2	97,381		
1/4	1/4	1/4	190,338	1/4	177,739	1/4	164,299	1/4	150,859	1/4	137,420	1/4	123,980	1/4	110,540	1/4	97,101		
1/2	1/2	1/2	190,175	1/2	177,459	1/2	164,019	1/2	150,579	1/2	137,140	1/2	123,700	1/2	110,260	1/2	96,821		
3/4	3/4	3/4	190,012	3/4	177,179	3/4	163,739	3/4	150,299	3/4	136,860	3/4	123,420	3/4	109,980	3/4	96,541		
3	3	3	189,848	3	176,899	3	163,459	3	150,019	3	136,580	3	123,140	3	109,700	3	96,261		
1/4	1/4	1/4	189,685	1/4	176,619	1/4	163,179	1/4	149,739	1/4	136,300	1/4	122,860	1/4	109,420	1/4	95,981		
1/2	1/2	1/2	189,475	1/2	176,339	1/2	162,899	1/2	149,459	1/2	136,020	1/2	122,580	1/2	109,140	1/2	95,701		
3/4	3/4	3/4	189,265	3/4	176,059	3/4	162,619	3/4	149,179	3/4	135,740	3/4	122,300	3/4	108,860	3/4	95,421		
4	4	4	189,055	4	175,779	4	162,339	4	148,899	4	135,460	4	122,020	4	108,580	4	95,141		
1/4	1/4	1/4	188,845	1/4	175,499	1/4	162,059	1/4	148,619	1/4	135,180	1/4	121,740	1/4	108,300	1/4	94,861		
1/2	1/2	1/2	188,588	1/2	175,219	1/2	161,779	1/2	148,339	1/2	134,900	1/2	121,460	1/2	108,020	1/2	94,581		
3/4	3/4	3/4	188,332	3/4	174,939	3/4	161,499	3/4	148,059	3/4	134,620	3/4	121,180	3/4	107,740	3/4	94,301		
5	5	5	188,075	5	174,659	5	161,219	5	147,779	5	134,340	5	120,900	5	107,460	5	94,021		
1/4	1/4	1/4	187,818	1/4	174,379	1/4	160,939	1/4	147,499	1/4	134,060	1/4	120,620	1/4	107,180	1/4	93,741		
1/2	1/2	1/2	187,538	1/2	174,099	1/2	160,659	1/2	147,219	1/2	133,780	1/2	120,340	1/2	106,900	1/2	93,461		
3/4	3/4	3/4	187,258	3/4	173,819	3/4	160,379	3/4	146,939	3/4	133,500	3/4	120,060	3/4	106,620	3/4	93,181		
6	6	6	186,978	6	173,539	6	160,099	6	146,659	6	133,220	6	119,780	6	106,340	6	92,901		
1/4	1/4	1/4	186,698	1/4	173,259	1/4	159,819	1/4	146,379	1/4	132,940	1/4	119,500	1/4	106,060	1/4	92,621		
1/2	1/2	1/2	186,418	1/2	172,979	1/2	159,539	1/2	146,099	1/2	132,660	1/2	119,220	1/2	105,781	1/2	92,341		
3/4	3/4	3/4	186,138	3/4	172,699	3/4	159,259	3/4	145,819	3/4	132,380	3/4	118,940	3/4	105,501	3/4	92,061		
7	7	7	185,858	7	172,419	7	158,979	7	145,539	7	132,100	7	118,660	7	105,221	7	91,781		
1/4	1/4	1/4	185,578	1/4	172,139	1/4	158,699	1/4	145,259	1/4	131,820	1/4	118,380	1/4	104,941	1/4	91,501		
1/2	1/2	1/2	185,298	1/2	171,859	1/2	158,419	1/2	144,979	1/2	131,540	1/2	118,100	1/2	104,661	1/2	91,221		
3/4	3/4	3/4	185,018	3/4	171,579	3/4	158,139	3/4	144,699	3/4	131,260	3/4	117,820	3/4	104,381	3/4	90,941		
8	8	8	184,738	8	171,299	8	157,859	8	144,419	8	130,980	8	117,540	8	104,101	8	90,661		
1/4	1/4	1/4	184,458	1/4	171,019	1/4	157,579	1/4	144,139	1/4	130,700	1/4	117,260	1/4	103,821	1/4	90,381		
1/2	1/2	1/2	184,178	1/2	170,739	1/2	157,299	1/2	143,859	1/2	130,420	1/2	116,980	1/2	103,541	1/2	90,101		
3/4	3/4	3/4	183,898	3/4	170,459	3/4	157,019	3/4	143,579	3/4	130,140	3/4	116,700	3/4	103,261	3/4	89,821		
9	9	9	183,618	9	170,179	9	156,739	9	143,300	9	129,860	9	116,420	9	102,981	9	89,541		
1/4	1/4	1/4	183,338	1/4	169,899	1/4	156,459	1/4	143,020	1/4	129,580	1/4	116,140	1/4	102,701	1/4	89,261		
1/2	1/2	1/2	183,058	1/2	169,619	1/2	156,179	1/2	142,740	1/2	129,300	1/2	115,860	1/2	102,421	1/2	88,981		
3/4	3/4	3/4	182,778	3/4	169,339	3/4	155,899	3/4	142,460	3/4	129,020	3/4	115,580	3/4	102,141	3/4	88,701		
10	10	10	182,498	10	169,059	10	155,619	10	142,180	10	128,740	10	115,300	10	101,861	10	88,421		
1/4	1/4	1/4	182,218	1/4	168,779	1/4	155,339	1/4	141,900	1/4	128,460	1/4	115,020	1/4	101,581	1/4	88,141		
1/2	1/2	1/2	181,938	1/2	168,499	1/2	155,059	1/2	141,620	1/2	128,180	1/2	114,740	1/2	101,301	1/2	87,861		
3/4	3/4	3/4	181,658	3/4	168,219	3/4	154,779	3/4	141,340	3/4	127,900	3/4	114,460	3/4	101,021	3/4	87,581		
11	11	11	181,378	11	167,939	11	154,499	11	141,060	11	127,620	11	114,180	11	100,741	11	87,301		
1/4	1/4	1/4	181,098	1/4	167,659	1/4	154,219	1/4	140,780	1/4	127,340	1/4	113,900	1/4	100,461	1/4	87,021		
1/2	1/2	1/2	180,818	1/2	167,379	1/2	153,939	1/2	140,500	1/2	127,060	1/2	113,620	1/2	100,181	1/2	86,741		
3/4	3/4	3/4	191,132	3/4	180,539	3/4	167,099	3/4	153,659	3/4	140,220	3/4	126,780	3/4	113,340	3/4	86,461		

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 36'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1418"

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	86,181	0	72,741	0	59,302	0	45,862	0	32,709	0	19,309	0	5,879	0		0		0	
1/4	85,901	1/4	72,461	1/4	59,022	1/4	45,582	1/4	32,437	1/4	19,029	1/4	5,601	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,621	1/2	72,181	1/2	58,742	1/2	45,302	1/2	32,165	1/2	18,749	1/2	5,324	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,341	3/4	71,901	3/4	58,462	3/4	45,022	3/4	31,893	3/4	18,469	3/4	5,047	3/4	3/4	3/4	3/4	3/4	3/4
1	85,061	1	71,621	1	58,182	1	44,742	1	31,621	1	18,189	1	4,771	1		1		1	
1/4	84,781	1/4	71,341	1/4	57,902	1/4	44,462	1/4	31,349	1/4	17,909	1/4	4,494	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,501	1/2	71,061	1/2	57,622	1/2	44,182	1/2	31,069	1/2	17,629	1/2	4,219	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,221	3/4	70,781	3/4	57,342	3/4	43,902	3/4	30,789	3/4	17,349	3/4	3,945	3/4	3/4	3/4	3/4	3/4	3/4
2	83,941	2	70,501	2	57,062	2	43,622	2	30,509	2	17,069	2	3,671	2		2		2	
1/4	83,661	1/4	70,221	1/4	56,782	1/4	43,342	1/4	30,229	1/4	16,789	1/4	3,396	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,381	1/2	69,941	1/2	56,502	1/2	43,062	1/2	29,949	1/2	16,509	1/2	3,140	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,101	3/4	69,661	3/4	56,222	3/4	42,782	3/4	29,669	3/4	16,229	3/4	2,884	3/4	3/4	3/4	3/4	3/4	3/4
3	82,821	3	69,381	3	55,942	3	42,502	3	29,389	3	15,949	3	2,628	3		3		3	
1/4	82,541	1/4	69,101	1/4	55,662	1/4	42,222	1/4	29,109	1/4	15,669	1/4	2,372	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,261	1/2	68,821	1/2	55,382	1/2	41,950	1/2	28,829	1/2	15,389	1/2	2,162	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,981	3/4	68,542	3/4	55,102	3/4	41,678	3/4	28,549	3/4	15,109	3/4	1,953	3/4	3/4	3/4	3/4	3/4	3/4
4	81,701	4	68,262	4	54,822	4	41,406	4	28,269	4	14,830	4	1,743	4		4		4	
1/4	81,421	1/4	67,982	1/4	54,542	1/4	41,134	1/4	27,989	1/4	14,550	1/4	1,533	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,141	1/2	67,702	1/2	54,262	1/2	40,862	1/2	27,709	1/2	14,270	1/2	1,369	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,861	3/4	67,422	3/4	53,982	3/4	40,590	3/4	27,429	3/4	13,990	3/4	1,206	3/4	3/4	3/4	3/4	3/4	3/4
5	80,581	5	67,142	5	53,702	5	40,318	5	27,149	5	13,710	5	1,043	5		5		5	
1/4	80,301	1/4	66,862	1/4	53,422	1/4	40,047	1/4	26,869	1/4	13,430	1/4	879	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,021	1/2	66,582	1/2	53,142	1/2	39,775	1/2	26,589	1/2	13,150	1/2	763	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,741	3/4	66,302	3/4	52,862	3/4	39,503	3/4	26,309	3/4	12,870	3/4	646	3/4	3/4	3/4	3/4	3/4	3/4
6	79,461	6	66,022	6	52,582	6	39,231	6	26,029	6	12,590	6	529	6		6		6	
1/4	79,181	1/4	65,742	1/4	52,302	1/4	38,960	1/4	25,749	1/4	12,310	1/4	413	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,901	1/2	65,462	1/2	52,022	1/2	38,688	1/2	25,469	1/2	12,030	1/2	343	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,621	3/4	65,182	3/4	51,742	3/4	38,416	3/4	25,189	3/4	11,750	3/4	273	3/4	3/4	3/4	3/4	3/4	3/4
7	78,341	7	64,902	7	51,462	7	38,144	7	24,909	7	11,470	7	203	7		7		7	
1/4	78,061	1/4	64,622	1/4	51,182	1/4	37,872	1/4	24,629	1/4	11,190	1/4	133	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,781	1/2	64,342	1/2	50,902	1/2	37,601	1/2	24,349	1/2	10,910	1/2	109	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,501	3/4	64,062	3/4	50,622	3/4	37,329	3/4	24,069	3/4	10,630	3/4	86	3/4	3/4	3/4	3/4	3/4	3/4
8	77,221	8	63,782	8	50,342	8	37,057	8	23,789	8	10,350	8	63	8		8		8	
1/4	76,941	1/4	63,502	1/4	50,062	1/4	36,785	1/4	23,509	1/4	10,070	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,661	1/2	63,222	1/2	49,782	1/2	36,514	1/2	23,229	1/2	9,790	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,381	3/4	62,942	3/4	49,502	3/4	36,242	3/4	22,949	3/4	9,510	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	76,101	9	62,662	9	49,222	9	35,970	9	22,669	9	9,230	9		9		9		9	
1/4	75,821	1/4	62,382	1/4	48,942	1/4	35,698	1/4	22,389	1/4	8,950	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,541	1/2	62,102	1/2	48,662	1/2	35,427	1/2	22,109	1/2	8,670	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,261	3/4	61,822	3/4	48,382	3/4	35,155	3/4	21,829	3/4	8,390	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	74,981	10	61,542	10	48,102	10	34,883	10	21,549	10	8,111	10		10		10		10	
1/4	74,701	1/4	61,262	1/4	47,822	1/4	34,611	1/4	21,269	1/4	7,831	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,421	1/2	60,982	1/2	47,542	1/2	34,339	1/2	20,989	1/2	7,552	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,141	3/4	60,702	3/4	47,262	3/4	34,068	3/4	20,709	3/4	7,273	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	73,861	11	60,422	11	46,982	11	33,796	11	20,429	11	6,993	11		11		11		11	
1/4	73,581	1/4	60,142	1/4	46,702	1/4	33,524	1/4	20,149	1/4	6,714	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,301	1/2	59,862	1/2	46,422	1/2	33,252	1/2	19,869	1/2	6,436	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,021	3/4	59,582	3/4	46,142	3/4	32,981	3/4	19,589	3/4	6,158	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/09/2019 CL
CALCULATED: 12/09/2019 CL
PRINTED: 12/10/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

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



BARGE "CBC 1418"

3 CENTER ULLAGE 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	0	0	0	0	0	0	162,231	0	150,193	0	138,155	0	126,117	0	114,079	0	102,041	0	90,003
1/4	1/4	1/4	1/4	1/4	171,468	1/4	161,980	1/4	149,942	1/4	137,904	1/4	125,866	1/4	113,828	1/4	101,790	1/4	89,752
1/2	1/2	1/2	1/2	1/2	171,447	1/2	161,729	1/2	149,691	1/2	137,653	1/2	125,615	1/2	113,577	1/2	101,539	1/2	89,501
3/4	3/4	3/4	3/4	3/4	171,427	3/4	161,479	3/4	149,441	3/4	137,403	3/4	125,365	3/4	113,327	3/4	101,289	3/4	89,251
1	1	1	1	1	171,364	1	161,228	1	149,190	1	137,152	1	125,114	1	113,076	1	101,038	1	89,000
1/4	1/4	1/4	1/4	1/4	171,301	1/4	160,977	1/4	148,939	1/4	136,901	1/4	124,863	1/4	112,825	1/4	100,787	1/4	88,749
1/2	1/2	1/2	1/2	1/2	171,238	1/2	160,726	1/2	148,688	1/2	136,650	1/2	124,612	1/2	112,574	1/2	100,536	1/2	88,498
3/4	3/4	3/4	3/4	3/4	171,176	3/4	160,475	3/4	148,437	3/4	136,399	3/4	124,361	3/4	112,323	3/4	100,285	3/4	88,247
2	2	2	2	2	171,071	2	160,225	2	148,187	2	136,149	2	124,111	2	112,073	2	100,035	2	87,997
1/4	1/4	1/4	1/4	1/4	170,967	1/4	159,974	1/4	147,936	1/4	135,898	1/4	123,860	1/4	111,822	1/4	99,784	1/4	87,746
1/2	1/2	1/2	1/2	1/2	170,862	1/2	159,723	1/2	147,685	1/2	135,647	1/2	123,609	1/2	111,571	1/2	99,533	1/2	87,495
3/4	3/4	3/4	3/4	3/4	170,758	3/4	159,472	3/4	147,434	3/4	135,396	3/4	123,358	3/4	111,320	3/4	99,282	3/4	87,244
3	3	3	3	3	170,612	3	159,221	3	147,183	3	135,145	3	123,107	3	111,069	3	99,031	3	86,993
1/4	1/4	1/4	1/4	1/4	170,465	1/4	158,971	1/4	146,933	1/4	134,895	1/4	122,857	1/4	110,819	1/4	98,781	1/4	86,743
1/2	1/2	1/2	1/2	1/2	170,319	1/2	158,720	1/2	146,682	1/2	134,644	1/2	122,606	1/2	110,568	1/2	98,530	1/2	86,492
3/4	3/4	3/4	3/4	3/4	170,173	3/4	158,469	3/4	146,431	3/4	134,393	3/4	122,355	3/4	110,317	3/4	98,279	3/4	86,241
4	4	4	4	4	169,985	4	158,218	4	146,180	4	134,142	4	122,104	4	110,066	4	98,028	4	85,990
1/4	1/4	1/4	1/4	1/4	169,796	1/4	157,967	1/4	145,929	1/4	133,891	1/4	121,853	1/4	109,815	1/4	97,777	1/4	85,739
1/2	1/2	1/2	1/2	1/2	169,608	1/2	157,717	1/2	145,679	1/2	133,641	1/2	121,603	1/2	109,565	1/2	97,527	1/2	85,489
3/4	3/4	3/4	3/4	3/4	169,420	3/4	157,466	3/4	145,428	3/4	133,390	3/4	121,352	3/4	109,314	3/4	97,276	3/4	85,238
5	5	5	5	5	169,190	5	157,215	5	145,177	5	133,139	5	121,101	5	109,063	5	97,025	5	84,987
1/4	1/4	1/4	1/4	1/4	168,960	1/4	156,964	1/4	144,926	1/4	132,888	1/4	120,850	1/4	108,812	1/4	96,774	1/4	84,736
1/2	1/2	1/2	1/2	1/2	168,731	1/2	156,713	1/2	144,675	1/2	132,637	1/2	120,599	1/2	108,561	1/2	96,523	1/2	84,485
3/4	3/4	3/4	3/4	3/4	168,501	3/4	156,463	3/4	144,425	3/4	132,387	3/4	120,349	3/4	108,311	3/4	96,273	3/4	84,235
6	6	6	6	6	168,250	6	156,212	6	144,174	6	132,136	6	120,098	6	108,060	6	96,022	6	83,984
1/4	1/4	1/4	1/4	1/4	167,999	1/4	155,961	1/4	143,923	1/4	131,885	1/4	119,847	1/4	107,809	1/4	95,771	1/4	83,733
1/2	1/2	1/2	1/2	1/2	167,748	1/2	155,710	1/2	143,672	1/2	131,634	1/2	119,596	1/2	107,558	1/2	95,520	1/2	83,482
3/4	3/4	3/4	3/4	3/4	167,498	3/4	155,460	3/4	143,422	3/4	131,384	3/4	119,346	3/4	107,308	3/4	95,270	3/4	83,232
7	7	7	7	7	167,247	7	155,209	7	143,171	7	131,133	7	119,095	7	107,057	7	95,019	7	82,981
1/4	1/4	1/4	1/4	1/4	166,996	1/4	154,958	1/4	142,920	1/4	130,882	1/4	118,844	1/4	106,806	1/4	94,768	1/4	82,730
1/2	1/2	1/2	1/2	1/2	166,745	1/2	154,707	1/2	142,669	1/2	130,631	1/2	118,593	1/2	106,555	1/2	94,517	1/2	82,479
3/4	3/4	3/4	3/4	3/4	166,494	3/4	154,456	3/4	142,418	3/4	130,380	3/4	118,342	3/4	106,304	3/4	94,266	3/4	82,228
8	8	8	8	8	166,244	8	154,206	8	142,168	8	130,130	8	118,092	8	106,054	8	94,016	8	81,978
1/4	1/4	1/4	1/4	1/4	165,993	1/4	153,955	1/4	141,917	1/4	129,879	1/4	117,841	1/4	105,803	1/4	93,765	1/4	81,727
1/2	1/2	1/2	1/2	1/2	165,742	1/2	153,704	1/2	141,666	1/2	129,628	1/2	117,590	1/2	105,552	1/2	93,514	1/2	81,476
3/4	3/4	3/4	3/4	3/4	165,491	3/4	153,453	3/4	141,415	3/4	129,377	3/4	117,339	3/4	105,301	3/4	93,263	3/4	81,225
9	9	9	9	9	165,240	9	153,202	9	141,164	9	129,126	9	117,088	9	105,050	9	93,012	9	80,974
1/4	1/4	1/4	1/4	1/4	164,990	1/4	152,952	1/4	140,914	1/4	128,876	1/4	116,838	1/4	104,800	1/4	92,762	1/4	80,724
1/2	1/2	1/2	1/2	1/2	164,739	1/2	152,701	1/2	140,663	1/2	128,625	1/2	116,587	1/2	104,549	1/2	92,511	1/2	80,473
3/4	3/4	3/4	3/4	3/4	164,488	3/4	152,450	3/4	140,412	3/4	128,374	3/4	116,336	3/4	104,298	3/4	92,260	3/4	80,222
10	10	10	10	10	164,237	10	152,199	10	140,161	10	128,123	10	116,085	10	104,047	10	92,009	10	79,971
1/4	1/4	1/4	1/4	1/4	163,986	1/4	151,948	1/4	139,910	1/4	127,872	1/4	115,834	1/4	103,796	1/4	91,758	1/4	79,720
1/2	1/2	1/2	1/2	1/2	163,736	1/2	151,698	1/2	139,660	1/2	127,622	1/2	115,584	1/2	103,546	1/2	91,508	1/2	79,470
3/4	3/4	3/4	3/4	3/4	163,485	3/4	151,447	3/4	139,409	3/4	127,371	3/4	115,333	3/4	103,295	3/4	91,257	3/4	79,219
11	11	11	11	11	163,234	11	151,196	11	139,158	11	127,120	11	115,082	11	103,044	11	91,006	11	78,968
1/4	1/4	1/4	1/4	1/4	162,983	1/4	150,945	1/4	138,907	1/4	126,869	1/4	114,831	1/4	102,793	1/4	90,755	1/4	78,717
1/2	1/2	1/2	1/2	1/2	162,732	1/2	150,694	1/2	138,656	1/2	126,618	1/2	114,580	1/2	102,542	1/2	90,504	1/2	78,466
3/4	3/4	3/4	3/4	3/4	162,482	3/4	150,444	3/4	138,406	3/4	126,368	3/4	114,330	3/4	102,292	3/4	90,254	3/4	78,216

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 29'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 1418"

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	77,965	0	65,927	0	53,889	0	41,851	0	29,834	0	17,801	0	5,769	0		0		0	
1/4	77,714	1/4	65,676	1/4	53,638	1/4	41,600	1/4	29,584	1/4	17,550	1/4	5,520	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,463	1/2	65,425	1/2	53,387	1/2	41,349	1/2	29,334	1/2	17,300	1/2	5,271	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,213	3/4	65,175	3/4	53,137	3/4	41,099	3/4	29,084	3/4	17,049	3/4	5,021	3/4	3/4	3/4	3/4	3/4	3/4
1	76,962	1	64,924	1	52,886	1	40,848	1	28,833	1	16,798	1	4,773	1	1	1	1	1	1
1/4	76,711	1/4	64,673	1/4	52,635	1/4	40,597	1/4	28,583	1/4	16,547	1/4	4,525	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,460	1/2	64,422	1/2	52,384	1/2	40,346	1/2	28,332	1/2	16,297	1/2	4,277	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,209	3/4	64,171	3/4	52,133	3/4	40,095	3/4	28,082	3/4	16,046	3/4	4,029	3/4	3/4	3/4	3/4	3/4	3/4
2	75,959	2	63,921	2	51,883	2	39,845	2	27,832	2	15,795	2	3,784	2	2	2	2	2	2
1/4	75,708	1/4	63,670	1/4	51,632	1/4	39,594	1/4	27,581	1/4	15,544	1/4	3,538	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,457	1/2	63,419	1/2	51,381	1/2	39,343	1/2	27,331	1/2	15,293	1/2	3,292	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,206	3/4	63,168	3/4	51,130	3/4	39,092	3/4	27,080	3/4	15,043	3/4	3,046	3/4	3/4	3/4	3/4	3/4	3/4
3	74,955	3	62,917	3	50,879	3	38,841	3	26,829	3	14,792	3	2,817	3	3	3	3	3	3
1/4	74,705	1/4	62,667	1/4	50,629	1/4	38,591	1/4	26,579	1/4	14,541	1/4	2,588	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,454	1/2	62,416	1/2	50,378	1/2	38,340	1/2	26,328	1/2	14,290	1/2	2,359	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,203	3/4	62,165	3/4	50,127	3/4	38,089	3/4	26,077	3/4	14,040	3/4	2,129	3/4	3/4	3/4	3/4	3/4	3/4
4	73,952	4	61,914	4	49,876	4	37,838	4	25,826	4	13,789	4	1,941	4	4	4	4	4	4
1/4	73,701	1/4	61,663	1/4	49,625	1/4	37,587	1/4	25,576	1/4	13,538	1/4	1,753	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,451	1/2	61,413	1/2	49,375	1/2	37,337	1/2	25,325	1/2	13,287	1/2	1,565	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,200	3/4	61,162	3/4	49,124	3/4	37,086	3/4	25,074	3/4	13,036	3/4	1,377	3/4	3/4	3/4	3/4	3/4	3/4
5	72,949	5	60,911	5	48,873	5	36,836	5	24,823	5	12,786	5	1,231	5	5	5	5	5	5
1/4	72,698	1/4	60,660	1/4	48,622	1/4	36,586	1/4	24,572	1/4	12,535	1/4	1,084	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,447	1/2	60,409	1/2	48,371	1/2	36,336	1/2	24,322	1/2	12,284	1/2	938	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,197	3/4	60,159	3/4	48,121	3/4	36,086	3/4	24,071	3/4	12,033	3/4	792	3/4	3/4	3/4	3/4	3/4	3/4
6	71,946	6	59,908	6	47,870	6	35,835	6	23,820	6	11,782	6	687	6	6	6	6	6	6
1/4	71,695	1/4	59,657	1/4	47,619	1/4	35,585	1/4	23,569	1/4	11,532	1/4	583	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,444	1/2	59,406	1/2	47,368	1/2	35,335	1/2	23,318	1/2	11,281	1/2	478	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,194	3/4	59,156	3/4	47,118	3/4	35,085	3/4	23,068	3/4	11,030	3/4	374	3/4	3/4	3/4	3/4	3/4	3/4
7	70,943	7	58,905	7	46,867	7	34,835	7	22,817	7	10,779	7	311	7	7	7	7	7	7
1/4	70,692	1/4	58,654	1/4	46,616	1/4	34,585	1/4	22,566	1/4	10,529	1/4	249	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,441	1/2	58,403	1/2	46,365	1/2	34,335	1/2	22,315	1/2	10,278	1/2	186	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,190	3/4	58,152	3/4	46,114	3/4	34,085	3/4	22,065	3/4	10,027	3/4	123	3/4	3/4	3/4	3/4	3/4	3/4
8	69,940	8	57,902	8	45,864	8	33,835	8	21,814	8	9,776	8	102	8	8	8	8	8	8
1/4	69,689	1/4	57,651	1/4	45,613	1/4	33,585	1/4	21,563	1/4	9,525	1/4	81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,438	1/2	57,400	1/2	45,362	1/2	33,335	1/2	21,312	1/2	9,275	1/2	61	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,187	3/4	57,149	3/4	45,111	3/4	33,085	3/4	21,061	3/4	9,024	3/4	40	3/4	3/4	3/4	3/4	3/4	3/4
9	68,936	9	56,898	9	44,860	9	32,835	9	20,811	9	8,773	9		9	9	9	9	9	9
1/4	68,686	1/4	56,648	1/4	44,610	1/4	32,585	1/4	20,560	1/4	8,522	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,435	1/2	56,397	1/2	44,359	1/2	32,335	1/2	20,309	1/2	8,272	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,184	3/4	56,146	3/4	44,108	3/4	32,084	3/4	20,058	3/4	8,021	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,933	10	55,895	10	43,857	10	31,834	10	19,808	10	7,770	10		10	10	10	10	10	10
1/4	67,682	1/4	55,644	1/4	43,606	1/4	31,584	1/4	19,557	1/4	7,520	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,432	1/2	55,394	1/2	43,356	1/2	31,334	1/2	19,306	1/2	7,269	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,181	3/4	55,143	3/4	43,105	3/4	31,084	3/4	19,055	3/4	7,019	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,930	11	54,892	11	42,854	11	30,834	11	18,804	11	6,769	11		11	11	11	11	11	11
1/4	66,679	1/4	54,641	1/4	42,603	1/4	30,584	1/4	18,554	1/4	6,518	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,428	1/2	54,390	1/2	42,352	1/2	30,334	1/2	18,303	1/2	6,268	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,178	3/4	54,140	3/4	42,102	3/4	30,084	3/4	18,052	3/4	6,018	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 12/09/2019 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

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