



# BARGE "CBC 1371"

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

(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 3 CENTER IS - 00-1/2"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/2'

LENGTH BETWEEN DRAFT MARKS: 161'-09"

January 7, 2014

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
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# BARGE "CBC 1371"

# 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	8,093	0	18,883	0	29,524	0	40,193	0	50,956	0	61,719	0	72,458	0	83,200	0	93,966
1/4	58	1/4	8,317	1/4	19,108	1/4	29,742	1/4	40,417	1/4	51,180	1/4	61,943	1/4	72,681	1/4	83,424	1/4	94,190
1/2	77	1/2	8,542	1/2	19,333	1/2	29,960	1/2	40,642	1/2	51,404	1/2	62,167	1/2	72,904	1/2	83,648	1/2	94,414
3/4	96	3/4	8,767	3/4	19,558	3/4	30,179	3/4	40,866	3/4	51,629	3/4	62,391	3/4	73,127	3/4	83,872	3/4	94,638
1	114	1	8,992	1	19,782	1	30,397	1	41,090	1	51,853	1	62,616	1	73,350	1	84,097	1	94,863
1/4	170	1/4	9,217	1/4	20,007	1/4	30,616	1/4	41,314	1/4	52,077	1/4	62,840	1/4	73,573	1/4	84,321	1/4	95,087
1/2	227	1/2	9,441	1/2	20,232	1/2	30,834	1/2	41,539	1/2	52,301	1/2	63,064	1/2	73,795	1/2	84,545	1/2	95,311
3/4	283	3/4	9,666	3/4	20,457	3/4	31,052	3/4	41,763	3/4	52,526	3/4	63,288	3/4	74,018	3/4	84,770	3/4	95,536
2	339	2	9,891	2	20,682	2	31,271	2	41,987	2	52,750	2	63,512	2	74,241	2	84,994	2	95,760
1/4	433	1/4	10,116	1/4	20,907	1/4	31,489	1/4	42,211	1/4	52,974	1/4	63,737	1/4	74,464	1/4	85,218	1/4	95,984
1/2	526	1/2	10,341	1/2	21,131	1/2	31,708	1/2	42,435	1/2	53,198	1/2	63,961	1/2	74,687	1/2	85,442	1/2	96,208
3/4	620	3/4	10,565	3/4	21,356	3/4	31,926	3/4	42,660	3/4	53,422	3/4	64,185	3/4	74,910	3/4	85,667	3/4	96,433
3	714	3	10,790	3	21,581	3	32,144	3	42,884	3	53,647	3	64,409	3	75,133	3	85,891	3	96,657
1/4	845	1/4	11,015	1/4	21,806	1/4	32,363	1/4	43,108	1/4	53,871	1/4	64,634	1/4	75,356	1/4	86,115	1/4	96,881
1/2	976	1/2	11,240	1/2	22,031	1/2	32,581	1/2	43,332	1/2	54,095	1/2	64,858	1/2	75,578	1/2	86,340	1/2	97,106
3/4	1,107	3/4	11,465	3/4	22,255	3/4	32,800	3/4	43,557	3/4	54,319	3/4	65,082	3/4	75,801	3/4	86,564	3/4	97,330
4	1,238	4	11,690	4	22,480	4	33,018	4	43,781	4	54,544	4	65,306	4	76,024	4	86,788	4	97,554
1/4	1,407	1/4	11,914	1/4	22,705	1/4	33,242	1/4	44,005	1/4	54,768	1/4	65,530	1/4	76,248	1/4	87,012	1/4	97,779
1/2	1,575	1/2	12,139	1/2	22,930	1/2	33,467	1/2	44,229	1/2	54,992	1/2	65,755	1/2	76,471	1/2	87,237	1/2	98,003
3/4	1,744	3/4	12,364	3/4	23,155	3/4	33,691	3/4	44,453	3/4	55,216	3/4	65,979	3/4	76,695	3/4	87,461	3/4	98,227
5	1,912	5	12,589	5	23,379	5	33,915	5	44,678	5	55,440	5	66,203	5	76,918	5	87,685	5	98,451
1/4	2,118	1/4	12,814	1/4	23,604	1/4	34,139	1/4	44,902	1/4	55,665	1/4	66,427	1/4	77,143	1/4	87,910	1/4	98,676
1/2	2,323	1/2	13,038	1/2	23,829	1/2	34,363	1/2	45,126	1/2	55,889	1/2	66,652	1/2	77,367	1/2	88,134	1/2	98,900
3/4	2,529	3/4	13,263	3/4	24,054	3/4	34,588	3/4	45,350	3/4	56,113	3/4	66,876	3/4	77,591	3/4	88,358	3/4	99,124
6	2,734	6	13,488	6	24,279	6	34,812	6	45,575	6	56,337	6	67,100	6	77,816	6	88,583	6	99,349
1/4	2,955	1/4	13,713	1/4	24,497	1/4	35,036	1/4	45,799	1/4	56,562	1/4	67,324	1/4	78,040	1/4	88,807	1/4	99,573
1/2	3,175	1/2	13,938	1/2	24,716	1/2	35,260	1/2	46,023	1/2	56,786	1/2	67,547	1/2	78,264	1/2	89,031	1/2	99,797
3/4	3,395	3/4	14,162	3/4	24,935	3/4	35,485	3/4	46,247	3/4	57,010	3/4	67,771	3/4	78,489	3/4	89,255	3/4	100,021
7	3,616	7	14,387	7	25,154	7	35,709	7	46,471	7	57,234	7	67,995	7	78,713	7	89,480	7	100,246
1/4	3,838	1/4	14,612	1/4	25,373	1/4	35,933	1/4	46,696	1/4	57,458	1/4	68,218	1/4	78,937	1/4	89,704	1/4	100,470
1/2	4,060	1/2	14,837	1/2	25,591	1/2	36,157	1/2	46,920	1/2	57,683	1/2	68,442	1/2	79,162	1/2	89,928	1/2	100,694
3/4	4,282	3/4	15,062	3/4	25,810	3/4	36,381	3/4	47,144	3/4	57,907	3/4	68,665	3/4	79,386	3/4	90,153	3/4	100,919
8	4,505	8	15,286	8	26,029	8	36,606	8	47,368	8	58,131	8	68,889	8	79,610	8	90,377	8	101,143
1/4	4,728	1/4	15,511	1/4	26,247	1/4	36,830	1/4	47,593	1/4	58,355	1/4	69,113	1/4	79,835	1/4	90,601	1/4	101,367
1/2	4,952	1/2	15,736	1/2	26,466	1/2	37,054	1/2	47,817	1/2	58,580	1/2	69,336	1/2	80,059	1/2	90,825	1/2	101,592
3/4	5,175	3/4	15,961	3/4	26,684	3/4	37,278	3/4	48,041	3/4	58,804	3/4	69,560	3/4	80,283	3/4	91,050	3/4	101,816
9	5,398	9	16,186	9	26,903	9	37,503	9	48,265	9	59,028	9	69,784	9	80,508	9	91,274	9	102,040
1/4	5,623	1/4	16,410	1/4	27,121	1/4	37,727	1/4	48,489	1/4	59,252	1/4	70,007	1/4	80,732	1/4	91,498	1/4	102,264
1/2	5,847	1/2	16,635	1/2	27,339	1/2	37,951	1/2	48,714	1/2	59,476	1/2	70,229	1/2	80,956	1/2	91,723	1/2	102,489
3/4	6,071	3/4	16,860	3/4	27,558	3/4	38,175	3/4	48,938	3/4	59,701	3/4	70,452	3/4	81,181	3/4	91,947	3/4	102,713
10	6,295	10	17,085	10	27,776	10	38,399	10	49,162	10	59,925	10	70,675	10	81,405	10	92,171	10	102,937
1/4	6,520	1/4	17,310	1/4	27,995	1/4	38,624	1/4	49,386	1/4	60,149	1/4	70,898	1/4	81,629	1/4	92,396	1/4	103,162
1/2	6,744	1/2	17,534	1/2	28,213	1/2	38,848	1/2	49,611	1/2	60,373	1/2	71,121	1/2	81,854	1/2	92,620	1/2	103,386
3/4	6,969	3/4	17,759	3/4	28,431	3/4	39,072	3/4	49,835	3/4	60,598	3/4	71,344	3/4	82,078	3/4	92,844	3/4	103,610
11	7,193	11	17,984	11	28,650	11	39,296	11	50,059	11	60,822	11	71,567	11	82,302	11	93,068	11	103,834
1/4	7,418	1/4	18,209	1/4	28,868	1/4	39,521	1/4	50,283	1/4	61,046	1/4	71,790	1/4	82,527	1/4	93,293	1/4	104,059
1/2	7,643	1/2	18,434	1/2	29,087	1/2	39,745	1/2	50,507	1/2	61,270	1/2	72,012	1/2	82,751	1/2	93,517	1/2	104,283
3/4	7,868	3/4	18,658	3/4	29,305	3/4	39,969	3/4	50,732	3/4	61,494	3/4	72,235	3/4	82,975	3/4	93,741	3/4	104,507

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 26'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1371"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	104,732	0	114,834	0	124,296	0	133,715	0	143,118	0		0		0		0		0	
1/4	104,956	1/4	115,031	1/4	124,492	1/4	133,911	1/4	143,312	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,180	1/2	115,228	1/2	124,689	1/2	134,108	1/2	143,507	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,404	3/4	115,425	3/4	124,885	3/4	134,305	3/4	143,701	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,628	1	115,623	1	125,082	1	134,501	1	143,896	1	1	1	1	1	1	1	1	1	1
1/4	105,852	1/4	115,820	1/4	125,278	1/4	134,698	1/4	144,090	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,076	1/2	116,017	1/2	125,475	1/2	134,894	1/2	144,285	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,300	3/4	116,214	3/4	125,672	3/4	135,091	3/4	144,479	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,524	2	116,411	2	125,868	2	135,288	2	144,674	2	2	2	2	2	2	2	2	2	2
1/4	106,748	1/4	116,608	1/4	126,065	1/4	135,484	1/4	144,877	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,972	1/2	116,805	1/2	126,261	1/2	135,681	1/2	145,081	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,196	3/4	117,002	3/4	126,458	3/4	135,877	3/4	145,284	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,420	3	117,199	3	126,655	3	136,074	3	145,488	3	3	3	3	3	3	3	3	3	3
1/4	107,644	1/4	117,397	1/4	126,851	1/4	136,270	1/4	145,654	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,868	1/2	117,594	1/2	127,048	1/2	136,467	1/2	145,820	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,092	3/4	117,791	3/4	127,244	3/4	136,664	3/4	145,986	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,316	4	117,988	4	127,441	4	136,860	4	146,151	4	4	4	4	4	4	4	4	4	4
1/4	108,540	1/4	118,185	1/4	127,637	1/4	137,057	1/4	146,280	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,764	1/2	118,382	1/2	127,834	1/2	137,253	1/2	146,408	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,988	3/4	118,579	3/4	128,031	3/4	137,450	3/4	146,537	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,212	5	118,776	5	128,227	5	137,647	5	146,665	5	5	5	5	5	5	5	5	5	5
1/4	109,437	1/4	118,973	1/4	128,424	1/4	137,843	1/4	146,756	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,661	1/2	119,171	1/2	128,620	1/2	138,040	1/2	146,847	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,885	3/4	119,368	3/4	128,817	3/4	138,236	3/4	146,938	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,109	6	119,565	6	129,014	6	138,433	6	147,029	6	6	6	6	6	6	6	6	6	6
1/4	110,306	1/4	119,762	1/4	129,209	1/4	138,630	1/4	147,083	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,502	1/2	119,959	1/2	129,405	1/2	138,826	1/2	147,137	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,699	3/4	120,156	3/4	129,601	3/4	139,023	3/4	147,190	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,896	7	120,353	7	129,797	7	139,219	7	147,244	7	7	7	7	7	7	7	7	7	7
1/4	111,093	1/4	120,550	1/4	129,993	1/4	139,416	1/4	147,260	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,290	1/2	120,748	1/2	130,189	1/2	139,612	1/2	147,276	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,487	3/4	120,945	3/4	130,385	3/4	139,809	3/4	147,292	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,684	8	121,142	8	130,581	8	140,006	8	147,308	8	8	8	8	8	8	8	8	8	8
1/4	111,881	1/4	121,339	1/4	130,777	1/4	140,200	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,078	1/2	121,536	1/2	130,972	1/2	140,395	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,275	3/4	121,733	3/4	131,168	3/4	140,589	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,471	9	121,930	9	131,364	9	140,784	9		9	9	9	9	9	9	9	9	9	9
1/4	112,668	1/4	122,127	1/4	131,560	1/4	140,978	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,865	1/2	122,324	1/2	131,756	1/2	141,173	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,062	3/4	122,522	3/4	131,952	3/4	141,367	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,259	10	122,719	10	132,148	10	141,562	10		10	10	10	10	10	10	10	10	10	10
1/4	113,456	1/4	122,916	1/4	132,344	1/4	141,756	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,653	1/2	123,113	1/2	132,540	1/2	141,951	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,850	3/4	123,310	3/4	132,735	3/4	142,145	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,047	11	123,507	11	132,931	11	142,340	11		11	11	11	11	11	11	11	11	11	11
1/4	114,243	1/4	123,704	1/4	133,127	1/4	142,534	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,440	1/2	123,901	1/2	133,323	1/2	142,729	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,637	3/4	124,098	3/4	133,519	3/4	142,923	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2014 SW  
CALCULATED: 01/07/2014 CL  
PRINTED: 01/07/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 1371"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	9,046	0	21,114	0	33,036	0	44,957	0	57,025	0	69,094	0	81,162	0	93,231	0	105,297
1/4	60	1/4	9,298	1/4	21,366	1/4	33,280	1/4	45,209	1/4	57,277	1/4	69,345	1/4	81,414	1/4	93,482	1/4	105,548
1/2	81	1/2	9,549	1/2	21,617	1/2	33,524	1/2	45,460	1/2	57,528	1/2	69,597	1/2	81,665	1/2	93,733	1/2	105,800
3/4	102	3/4	9,800	3/4	21,868	3/4	33,768	3/4	45,711	3/4	57,780	3/4	69,848	3/4	81,917	3/4	93,985	3/4	106,051
1	123	1	10,052	1	22,120	1	34,012	1	45,963	1	58,031	1	70,100	1	82,168	1	94,236	1	106,303
1/4	186	1/4	10,303	1/4	22,371	1/4	34,256	1/4	46,214	1/4	58,283	1/4	70,351	1/4	82,419	1/4	94,488	1/4	106,554
1/2	249	1/2	10,555	1/2	22,623	1/2	34,500	1/2	46,466	1/2	58,534	1/2	70,602	1/2	82,671	1/2	94,739	1/2	106,805
3/4	312	3/4	10,806	3/4	22,874	3/4	34,744	3/4	46,717	3/4	58,785	3/4	70,854	3/4	82,922	3/4	94,990	3/4	107,057
2	374	2	11,058	2	23,126	2	34,988	2	46,968	2	59,037	2	71,105	2	83,174	2	95,242	2	107,308
1/4	479	1/4	11,309	1/4	23,377	1/4	35,232	1/4	47,220	1/4	59,288	1/4	71,357	1/4	83,425	1/4	95,493	1/4	107,559
1/2	584	1/2	11,560	1/2	23,628	1/2	35,476	1/2	47,471	1/2	59,540	1/2	71,608	1/2	83,677	1/2	95,744	1/2	107,811
3/4	689	3/4	11,812	3/4	23,880	3/4	35,720	3/4	47,723	3/4	59,791	3/4	71,860	3/4	83,928	3/4	95,996	3/4	108,062
3	793	3	12,063	3	24,131	3	35,964	3	47,974	3	60,043	3	72,111	3	84,179	3	96,247	3	108,314
1/4	940	1/4	12,315	1/4	24,383	1/4	36,208	1/4	48,226	1/4	60,294	1/4	72,362	1/4	84,431	1/4	96,499	1/4	108,565
1/2	1,087	1/2	12,566	1/2	24,634	1/2	36,452	1/2	48,477	1/2	60,545	1/2	72,614	1/2	84,682	1/2	96,750	1/2	108,816
3/4	1,233	3/4	12,817	3/4	24,885	3/4	36,696	3/4	48,728	3/4	60,797	3/4	72,865	3/4	84,934	3/4	97,001	3/4	109,068
4	1,380	4	13,069	4	25,137	4	36,940	4	48,980	4	61,048	4	73,117	4	85,185	4	97,253	4	109,319
1/4	1,569	1/4	13,320	1/4	25,388	1/4	37,184	1/4	49,231	1/4	61,300	1/4	73,368	1/4	85,436	1/4	97,504	1/4	109,570
1/2	1,757	1/2	13,572	1/2	25,640	1/2	37,428	1/2	49,483	1/2	61,551	1/2	73,620	1/2	85,688	1/2	97,756	1/2	109,822
3/4	1,946	3/4	13,823	3/4	25,891	3/4	37,673	3/4	49,734	3/4	61,803	3/4	73,871	3/4	85,939	3/4	98,007	3/4	110,073
5	2,134	5	14,075	5	26,143	5	37,917	5	49,986	5	62,054	5	74,122	5	86,191	5	98,258	5	110,325
1/4	2,364	1/4	14,326	1/4	26,394	1/4	38,169	1/4	50,237	1/4	62,305	1/4	74,374	1/4	86,442	1/4	98,510	1/4	110,576
1/2	2,594	1/2	14,577	1/2	26,645	1/2	38,420	1/2	50,488	1/2	62,557	1/2	74,625	1/2	86,694	1/2	98,761	1/2	110,827
3/4	2,824	3/4	14,829	3/4	26,897	3/4	38,671	3/4	50,740	3/4	62,808	3/4	74,877	3/4	86,945	3/4	99,012	3/4	111,079
6	3,054	6	15,080	6	27,148	6	38,923	6	50,991	6	63,060	6	75,128	6	87,196	6	99,264	6	111,330
1/4	3,300	1/4	15,332	1/4	27,400	1/4	39,174	1/4	51,243	1/4	63,311	1/4	75,379	1/4	87,448	1/4	99,515	1/4	111,582
1/2	3,546	1/2	15,583	1/2	27,651	1/2	39,426	1/2	51,494	1/2	63,563	1/2	75,631	1/2	87,699	1/2	99,767	1/2	111,833
3/4	3,793	3/4	15,834	3/4	27,902	3/4	39,677	3/4	51,746	3/4	63,814	3/4	75,882	3/4	87,951	3/4	100,018	3/4	112,084
7	4,039	7	16,086	7	28,154	7	39,929	7	51,997	7	64,065	7	76,134	7	88,202	7	100,269	7	112,336
1/4	4,288	1/4	16,337	1/4	28,398	1/4	40,180	1/4	52,248	1/4	64,317	1/4	76,385	1/4	88,454	1/4	100,521	1/4	112,587
1/2	4,536	1/2	16,589	1/2	28,643	1/2	40,431	1/2	52,500	1/2	64,568	1/2	76,637	1/2	88,705	1/2	100,772	1/2	112,838
3/4	4,785	3/4	16,840	3/4	28,887	3/4	40,683	3/4	52,751	3/4	64,820	3/4	76,888	3/4	88,956	3/4	101,023	3/4	113,090
8	5,034	8	17,092	8	29,131	8	40,934	8	53,003	8	65,071	8	77,139	8	89,208	8	101,275	8	113,341
1/4	5,283	1/4	17,343	1/4	29,375	1/4	41,186	1/4	53,254	1/4	65,323	1/4	77,391	1/4	89,459	1/4	101,526	1/4	113,593
1/2	5,533	1/2	17,594	1/2	29,619	1/2	41,437	1/2	53,506	1/2	65,574	1/2	77,642	1/2	89,711	1/2	101,778	1/2	113,844
3/4	5,783	3/4	17,846	3/4	29,863	3/4	41,689	3/4	53,757	3/4	65,825	3/4	77,894	3/4	89,962	3/4	102,029	3/4	114,095
9	6,033	9	18,097	9	30,107	9	41,940	9	54,008	9	66,077	9	78,145	9	90,214	9	102,280	9	114,347
1/4	6,284	1/4	18,349	1/4	30,351	1/4	42,191	1/4	54,260	1/4	66,328	1/4	78,397	1/4	90,465	1/4	102,532	1/4	114,598
1/2	6,534	1/2	18,600	1/2	30,595	1/2	42,443	1/2	54,511	1/2	66,580	1/2	78,648	1/2	90,716	1/2	102,783	1/2	114,849
3/4	6,785	3/4	18,851	3/4	30,839	3/4	42,694	3/4	54,763	3/4	66,831	3/4	78,899	3/4	90,968	3/4	103,035	3/4	115,101
10	7,036	10	19,103	10	31,083	10	42,946	10	55,014	10	67,082	10	79,151	10	91,219	10	103,286	10	115,352
1/4	7,287	1/4	19,354	1/4	31,327	1/4	43,197	1/4	55,266	1/4	67,334	1/4	79,402	1/4	91,471	1/4	103,537	1/4	115,604
1/2	7,538	1/2	19,606	1/2	31,571	1/2	43,449	1/2	55,517	1/2	67,585	1/2	79,654	1/2	91,722	1/2	103,789	1/2	115,855
3/4	7,789	3/4	19,857	3/4	31,815	3/4	43,700	3/4	55,768	3/4	67,837	3/4	79,905	3/4	91,974	3/4	104,040	3/4	116,106
11	8,041	11	20,109	11	32,059	11	43,951	11	56,020	11	68,088	11	80,157	11	92,225	11	104,291	11	116,358
1/4	8,292	1/4	20,360	1/4	32,303	1/4	44,203	1/4	56,271	1/4	68,340	1/4	80,408	1/4	92,476	1/4	104,543	1/4	116,609
1/2	8,543	1/2	20,611	1/2	32,547	1/2	44,454	1/2	56,523	1/2	68,591	1/2	80,659	1/2	92,728	1/2	104,794	1/2	116,861
3/4	8,795	3/4	20,863	3/4	32,791	3/4	44,706	3/4	56,774	3/4	68,842	3/4	80,911	3/4	92,979	3/4	105,046	3/4	117,112

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 30'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1371"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	117,363	0	129,430	0	141,496	0	153,495	0	165,457	0		0		0		0		0	
1/4	117,615	1/4	129,681	1/4	141,746	1/4	153,745	1/4	165,705	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,866	1/2	129,932	1/2	141,996	1/2	153,995	1/2	165,953	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,117	3/4	130,184	3/4	142,246	3/4	154,245	3/4	166,200	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,369	1	130,435	1	142,496	1	154,495	1	166,448	1	1	1	1	1	1	1	1	1	1
1/4	118,620	1/4	130,687	1/4	142,746	1/4	154,745	1/4	166,696	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,872	1/2	130,938	1/2	142,996	1/2	154,995	1/2	166,943	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,123	3/4	131,189	3/4	143,246	3/4	155,245	3/4	167,191	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,374	2	131,441	2	143,496	2	155,495	2	167,439	2	2	2	2	2	2	2	2	2	2
1/4	119,626	1/4	131,692	1/4	143,746	1/4	155,745	1/4	167,666	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,877	1/2	131,943	1/2	143,996	1/2	155,995	1/2	167,892	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,128	3/4	132,195	3/4	144,246	3/4	156,245	3/4	168,119	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,380	3	132,446	3	144,496	3	156,495	3	168,346	3	3	3	3	3	3	3	3	3	3
1/4	120,631	1/4	132,698	1/4	144,746	1/4	156,745	1/4	168,531	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,883	1/2	132,949	1/2	144,996	1/2	156,995	1/2	168,715	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,134	3/4	133,200	3/4	145,246	3/4	157,245	3/4	168,900	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,385	4	133,452	4	145,496	4	157,495	4	169,085	4	4	4	4	4	4	4	4	4	4
1/4	121,637	1/4	133,703	1/4	145,746	1/4	157,745	1/4	169,228	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,888	1/2	133,954	1/2	145,996	1/2	157,995	1/2	169,371	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,140	3/4	134,206	3/4	146,246	3/4	158,245	3/4	169,514	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,391	5	134,457	5	146,496	5	158,495	5	169,657	5	5	5	5	5	5	5	5	5	5
1/4	122,642	1/4	134,709	1/4	146,746	1/4	158,745	1/4	169,758	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,894	1/2	134,960	1/2	146,996	1/2	158,995	1/2	169,859	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,145	3/4	135,211	3/4	147,246	3/4	159,245	3/4	169,960	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,396	6	135,463	6	147,496	6	159,495	6	170,061	6	6	6	6	6	6	6	6	6	6
1/4	123,648	1/4	135,714	1/4	147,746	1/4	159,745	1/4	170,120	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,899	1/2	135,966	1/2	147,996	1/2	159,995	1/2	170,179	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,151	3/4	136,217	3/4	148,246	3/4	160,245	3/4	170,238	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,402	7	136,468	7	148,495	7	160,495	7	170,297	7	7	7	7	7	7	7	7	7	7
1/4	124,653	1/4	136,720	1/4	148,745	1/4	160,745	1/4	170,314	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,905	1/2	136,971	1/2	148,995	1/2	160,995	1/2	170,331	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,156	3/4	137,222	3/4	149,245	3/4	161,245	3/4	170,349	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,408	8	137,474	8	149,495	8	161,495	8	170,366	8	8	8	8	8	8	8	8	8	8
1/4	125,659	1/4	137,725	1/4	149,745	1/4	161,742	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,910	1/2	137,977	1/2	149,995	1/2	161,990	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,162	3/4	138,228	3/4	150,245	3/4	162,238	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,413	9	138,479	9	150,495	9	162,485	9		9	9	9	9	9	9	9	9	9	9
1/4	126,664	1/4	138,731	1/4	150,745	1/4	162,733	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,916	1/2	138,982	1/2	150,995	1/2	162,981	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,167	3/4	139,234	3/4	151,245	3/4	163,228	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,419	10	139,485	10	151,495	10	163,476	10		10	10	10	10	10	10	10	10	10	10
1/4	127,670	1/4	139,736	1/4	151,745	1/4	163,724	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,921	1/2	139,988	1/2	151,995	1/2	163,971	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,173	3/4	140,239	3/4	152,245	3/4	164,219	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,424	11	140,490	11	152,495	11	164,467	11		11	11	11	11	11	11	11	11	11	11
1/4	128,675	1/4	140,742	1/4	152,745	1/4	164,714	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,927	1/2	140,993	1/2	152,995	1/2	164,962	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,178	3/4	141,245	3/4	153,245	3/4	165,210	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2014 SW  
CALCULATED: 01/07/2014 CL  
PRINTED: 01/07/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "CBC 1371"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	8,024	0	18,722	0	29,407	0	40,094	0	50,793	0	61,491	0	72,190	0	82,889	0	93,586
1/4	58	1/4	8,247	1/4	18,945	1/4	29,629	1/4	40,317	1/4	51,016	1/4	61,714	1/4	72,413	1/4	83,112	1/4	93,809
1/2	76	1/2	8,470	1/2	19,168	1/2	29,851	1/2	40,540	1/2	51,238	1/2	61,937	1/2	72,636	1/2	83,335	1/2	94,032
3/4	95	3/4	8,693	3/4	19,391	3/4	30,073	3/4	40,763	3/4	51,461	3/4	62,160	3/4	72,859	3/4	83,558	3/4	94,255
1	114	1	8,916	1	19,614	1	30,295	1	40,985	1	51,684	1	62,383	1	73,082	1	83,780	1	94,477
1/4	169	1/4	9,138	1/4	19,837	1/4	30,517	1/4	41,208	1/4	51,907	1/4	62,606	1/4	73,305	1/4	84,003	1/4	94,700
1/2	225	1/2	9,361	1/2	20,060	1/2	30,740	1/2	41,431	1/2	52,130	1/2	62,829	1/2	73,528	1/2	84,226	1/2	94,923
3/4	281	3/4	9,584	3/4	20,283	3/4	30,962	3/4	41,654	3/4	52,353	3/4	63,052	3/4	73,750	3/4	84,449	3/4	95,146
2	336	2	9,807	2	20,505	2	31,184	2	41,877	2	52,576	2	63,275	2	73,973	2	84,672	2	95,369
1/4	429	1/4	10,030	1/4	20,728	1/4	31,406	1/4	42,100	1/4	52,799	1/4	63,497	1/4	74,196	1/4	84,895	1/4	95,592
1/2	522	1/2	10,253	1/2	20,951	1/2	31,628	1/2	42,323	1/2	53,022	1/2	63,720	1/2	74,419	1/2	85,118	1/2	95,815
3/4	615	3/4	10,476	3/4	21,174	3/4	31,850	3/4	42,546	3/4	53,244	3/4	63,943	3/4	74,642	3/4	85,340	3/4	96,037
3	708	3	10,699	3	21,397	3	32,073	3	42,769	3	53,467	3	64,166	3	74,865	3	85,563	3	96,260
1/4	838	1/4	10,921	1/4	21,620	1/4	32,295	1/4	42,991	1/4	53,690	1/4	64,389	1/4	75,088	1/4	85,786	1/4	96,483
1/2	968	1/2	11,144	1/2	21,843	1/2	32,517	1/2	43,214	1/2	53,913	1/2	64,612	1/2	75,311	1/2	86,009	1/2	96,706
3/4	1,098	3/4	11,367	3/4	22,066	3/4	32,739	3/4	43,437	3/4	54,136	3/4	64,835	3/4	75,534	3/4	86,232	3/4	96,929
4	1,228	4	11,590	4	22,288	4	32,961	4	43,660	4	54,359	4	65,058	4	75,757	4	86,455	4	97,152
1/4	1,395	1/4	11,813	1/4	22,511	1/4	33,184	1/4	43,883	1/4	54,582	1/4	65,281	1/4	75,979	1/4	86,678	1/4	97,375
1/2	1,562	1/2	12,036	1/2	22,734	1/2	33,407	1/2	44,106	1/2	54,805	1/2	65,504	1/2	76,202	1/2	86,900	1/2	97,597
3/4	1,729	3/4	12,259	3/4	22,957	3/4	33,630	3/4	44,329	3/4	55,028	3/4	65,726	3/4	76,425	3/4	87,123	3/4	97,820
5	1,896	5	12,482	5	23,180	5	33,853	5	44,552	5	55,250	5	65,949	5	76,648	5	87,346	5	98,043
1/4	2,100	1/4	12,705	1/4	23,403	1/4	34,076	1/4	44,775	1/4	55,473	1/4	66,172	1/4	76,871	1/4	87,569	1/4	98,266
1/2	2,304	1/2	12,927	1/2	23,626	1/2	34,299	1/2	44,997	1/2	55,696	1/2	66,395	1/2	77,094	1/2	87,792	1/2	98,489
3/4	2,508	3/4	13,150	3/4	23,849	3/4	34,522	3/4	45,220	3/4	55,919	3/4	66,618	3/4	77,317	3/4	88,015	3/4	98,712
6	2,711	6	13,373	6	24,072	6	34,744	6	45,443	6	56,142	6	66,841	6	77,540	6	88,238	6	98,935
1/4	2,930	1/4	13,596	1/4	24,294	1/4	34,967	1/4	45,666	1/4	56,365	1/4	67,064	1/4	77,763	1/4	88,460	1/4	99,157
1/2	3,148	1/2	13,819	1/2	24,517	1/2	35,190	1/2	45,889	1/2	56,588	1/2	67,287	1/2	77,985	1/2	88,683	1/2	99,380
3/4	3,367	3/4	14,042	3/4	24,739	3/4	35,413	3/4	46,112	3/4	56,811	3/4	67,510	3/4	78,208	3/4	88,906	3/4	99,603
7	3,585	7	14,265	7	24,962	7	35,636	7	46,335	7	57,034	7	67,732	7	78,431	7	89,129	7	99,826
1/4	3,806	1/4	14,488	1/4	25,184	1/4	35,859	1/4	46,558	1/4	57,257	1/4	67,955	1/4	78,654	1/4	89,352	1/4	100,049
1/2	4,026	1/2	14,710	1/2	25,407	1/2	36,082	1/2	46,781	1/2	57,479	1/2	68,178	1/2	78,877	1/2	89,575	1/2	100,272
3/4	4,246	3/4	14,933	3/4	25,629	3/4	36,305	3/4	47,004	3/4	57,702	3/4	68,401	3/4	79,100	3/4	89,798	3/4	100,494
8	4,467	8	15,156	8	25,852	8	36,528	8	47,226	8	57,925	8	68,624	8	79,323	8	90,020	8	100,717
1/4	4,688	1/4	15,379	1/4	26,074	1/4	36,751	1/4	47,449	1/4	58,148	1/4	68,847	1/4	79,546	1/4	90,243	1/4	100,940
1/2	4,910	1/2	15,602	1/2	26,296	1/2	36,973	1/2	47,672	1/2	58,371	1/2	69,070	1/2	79,769	1/2	90,466	1/2	101,163
3/4	5,131	3/4	15,825	3/4	26,518	3/4	37,196	3/4	47,895	3/4	58,594	3/4	69,293	3/4	79,991	3/4	90,689	3/4	101,386
9	5,353	9	16,048	9	26,740	9	37,419	9	48,118	9	58,817	9	69,516	9	80,214	9	90,912	9	101,609
1/4	5,575	1/4	16,271	1/4	26,963	1/4	37,642	1/4	48,341	1/4	59,040	1/4	69,738	1/4	80,437	1/4	91,135	1/4	101,832
1/2	5,797	1/2	16,494	1/2	27,185	1/2	37,865	1/2	48,564	1/2	59,263	1/2	69,961	1/2	80,660	1/2	91,357	1/2	102,054
3/4	6,020	3/4	16,716	3/4	27,407	3/4	38,088	3/4	48,787	3/4	59,485	3/4	70,184	3/4	80,883	3/4	91,580	3/4	102,277
10	6,242	10	16,939	10	27,629	10	38,311	10	49,010	10	59,708	10	70,407	10	81,106	10	91,803	10	102,500
1/4	6,464	1/4	17,162	1/4	27,851	1/4	38,534	1/4	49,232	1/4	59,931	1/4	70,630	1/4	81,329	1/4	92,026	1/4	102,723
1/2	6,687	1/2	17,385	1/2	28,074	1/2	38,757	1/2	49,455	1/2	60,154	1/2	70,853	1/2	81,552	1/2	92,249	1/2	102,946
3/4	6,910	3/4	17,608	3/4	28,296	3/4	38,979	3/4	49,678	3/4	60,377	3/4	71,076	3/4	81,775	3/4	92,472	3/4	103,169
11	7,133	11	17,831	11	28,518	11	39,202	11	49,901	11	60,600	11	71,299	11	81,997	11	92,695	11	103,392
1/4	7,355	1/4	18,054	1/4	28,740	1/4	39,425	1/4	50,124	1/4	60,823	1/4	71,522	1/4	82,220	1/4	92,917	1/4	103,614
1/2	7,578	1/2	18,277	1/2	28,962	1/2	39,648	1/2	50,347	1/2	61,046	1/2	71,744	1/2	82,443	1/2	93,140	1/2	103,837
3/4	7,801	3/4	18,499	3/4	29,184	3/4	39,871	3/4	50,570	3/4	61,269	3/4	71,967	3/4	82,666	3/4	93,363	3/4	104,060

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1371"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	104,283	0	114,980	0	125,677	0	136,315	0	146,921	0		0		0		0		0	
1/4	104,506	1/4	115,203	1/4	125,899	1/4	136,537	1/4	147,140	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,729	1/2	115,426	1/2	126,120	1/2	136,759	1/2	147,360	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104,952	3/4	115,649	3/4	126,342	3/4	136,980	3/4	147,580	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,174	1	115,871	1	126,563	1	137,202	1	147,799	1	1	1	1	1	1	1	1	1	1
1/4	105,397	1/4	116,094	1/4	126,785	1/4	137,423	1/4	148,019	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,620	1/2	116,317	1/2	127,007	1/2	137,645	1/2	148,238	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,843	3/4	116,540	3/4	127,228	3/4	137,867	3/4	148,458	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,066	2	116,763	2	127,450	2	138,088	2	148,678	2	2	2	2	2	2	2	2	2	2
1/4	106,289	1/4	116,986	1/4	127,672	1/4	138,310	1/4	148,879	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,512	1/2	117,209	1/2	127,893	1/2	138,532	1/2	149,080	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,734	3/4	117,431	3/4	128,115	3/4	138,753	3/4	149,281	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	106,957	3	117,654	3	128,337	3	138,975	3	149,482	3	3	3	3	3	3	3	3	3	3
1/4	107,180	1/4	117,877	1/4	128,558	1/4	139,196	1/4	149,645	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,403	1/2	118,100	1/2	128,780	1/2	139,418	1/2	149,809	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,626	3/4	118,323	3/4	129,001	3/4	139,640	3/4	149,973	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	107,849	4	118,546	4	129,223	4	139,861	4	150,137	4	4	4	4	4	4	4	4	4	4
1/4	108,072	1/4	118,768	1/4	129,445	1/4	140,083	1/4	150,264	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,294	1/2	118,991	1/2	129,666	1/2	140,305	1/2	150,390	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,517	3/4	119,214	3/4	129,888	3/4	140,526	3/4	150,517	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,740	5	119,437	5	130,110	5	140,748	5	150,644	5	5	5	5	5	5	5	5	5	5
1/4	108,963	1/4	119,660	1/4	130,331	1/4	140,970	1/4	150,733	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,186	1/2	119,883	1/2	130,553	1/2	141,191	1/2	150,823	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,409	3/4	120,106	3/4	130,774	3/4	141,413	3/4	150,913	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,631	6	120,328	6	130,996	6	141,634	6	151,002	6	6	6	6	6	6	6	6	6	6
1/4	109,854	1/4	120,551	1/4	131,218	1/4	141,856	1/4	151,055	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,077	1/2	120,774	1/2	131,439	1/2	142,078	1/2	151,107	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,300	3/4	120,997	3/4	131,661	3/4	142,299	3/4	151,159	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,523	7	121,220	7	131,883	7	142,521	7	151,212	7	7	7	7	7	7	7	7	7	7
1/4	110,746	1/4	121,443	1/4	132,104	1/4	142,743	1/4	151,227	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,969	1/2	121,666	1/2	132,326	1/2	142,964	1/2	151,242	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,191	3/4	121,888	3/4	132,548	3/4	143,186	3/4	151,258	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,414	8	122,111	8	132,769	8	143,407	8	151,273	8	8	8	8	8	8	8	8	8	8
1/4	111,637	1/4	122,334	1/4	132,991	1/4	143,627	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,860	1/2	122,557	1/2	133,212	1/2	143,847	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,083	3/4	122,780	3/4	133,434	3/4	144,066	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,306	9	123,003	9	133,656	9	144,286	9		9	9	9	9	9	9	9	9	9	9
1/4	112,529	1/4	123,226	1/4	133,877	1/4	144,505	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,751	1/2	123,448	1/2	134,099	1/2	144,725	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,974	3/4	123,671	3/4	134,321	3/4	144,945	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,197	10	123,894	10	134,542	10	145,164	10		10	10	10	10	10	10	10	10	10	10
1/4	113,420	1/4	124,117	1/4	134,764	1/4	145,384	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,643	1/2	124,340	1/2	134,985	1/2	145,603	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,866	3/4	124,563	3/4	135,207	3/4	145,823	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,089	11	124,786	11	135,429	11	146,043	11		11	11	11	11	11	11	11	11	11	11
1/4	114,311	1/4	125,008	1/4	135,650	1/4	146,262	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,534	1/2	125,231	1/2	135,872	1/2	146,482	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,757	3/4	125,454	3/4	136,094	3/4	146,701	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2014 SW  
CALCULATED: 01/07/2014 CL  
PRINTED: 01/07/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1371"

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

(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 3 CENTER IS 00-1/2"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

January 7, 2014

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

<http://www.pmacorp.net>



# BARGE "CBC 1371"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	140,978	0	131,560	0	122,127	0	112,668	0	102,264	0	91,498	0	80,732
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,784	1/4	131,364	1/4	121,930	1/4	112,471	1/4	102,040	1/4	91,274	1/4	80,508
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,589	1/2	131,168	1/2	121,733	1/2	112,275	1/2	101,816	1/2	91,050	1/2	80,283
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,395	3/4	130,972	3/4	121,536	3/4	112,078	3/4	101,592	3/4	90,825	3/4	80,059
1		1		1		1	140,200	1	130,777	1	121,339	1	111,881	1	101,367	1	90,601	1	79,835
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,308	1/4	140,006	1/4	130,581	1/4	121,142	1/4	111,684	1/4	101,143	1/4	90,377
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,292	1/2	139,809	1/2	130,385	1/2	120,945	1/2	111,487	1/2	100,919	1/2	90,153
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,276	3/4	139,612	3/4	130,189	3/4	120,748	3/4	111,290	3/4	100,694	3/4	89,928
2		2		2		2	147,260	2	139,416	2	129,993	2	120,550	2	111,093	2	100,470	2	89,704
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,244	1/4	139,219	1/4	129,797	1/4	120,353	1/4	110,896	1/4	100,246	1/4	89,480
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,190	1/2	139,023	1/2	129,601	1/2	120,156	1/2	110,699	1/2	100,021	1/2	89,255
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,137	3/4	138,826	3/4	129,405	3/4	119,959	3/4	110,502	3/4	99,797	3/4	89,031
3		3		3		3	147,083	3	138,630	3	129,209	3	119,762	3	110,306	3	99,573	3	88,807
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,029	1/4	138,433	1/4	129,014	1/4	119,565	1/4	110,109	1/4	99,349	1/4	88,583
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,938	1/2	138,236	1/2	128,817	1/2	119,368	1/2	109,885	1/2	99,124	1/2	88,358
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,847	3/4	138,040	3/4	128,620	3/4	119,171	3/4	109,661	3/4	98,900	3/4	88,134
4		4		4		4	146,756	4	137,843	4	128,424	4	118,973	4	109,437	4	98,676	4	87,910
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,665	1/4	137,647	1/4	128,227	1/4	118,776	1/4	109,212	1/4	98,451	1/4	87,685
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,537	1/2	137,450	1/2	128,031	1/2	118,579	1/2	108,988	1/2	98,227	1/2	87,461
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,408	3/4	137,253	3/4	127,834	3/4	118,382	3/4	108,764	3/4	98,003	3/4	87,237
5		5		5		5	146,280	5	137,057	5	127,637	5	118,185	5	108,540	5	97,779	5	87,012
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,151	1/4	136,860	1/4	127,441	1/4	117,988	1/4	108,316	1/4	97,554	1/4	86,788
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,986	1/2	136,664	1/2	127,244	1/2	117,791	1/2	108,092	1/2	97,330	1/2	86,564
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,820	3/4	136,467	3/4	127,048	3/4	117,594	3/4	107,868	3/4	97,106	3/4	86,340
6		6		6		6	145,654	6	136,270	6	126,851	6	117,397	6	107,644	6	96,881	6	86,115
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,488	1/4	136,074	1/4	126,655	1/4	117,199	1/4	107,420	1/4	96,657	1/4	85,891
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,284	1/2	135,877	1/2	126,458	1/2	117,002	1/2	107,196	1/2	96,433	1/2	85,667
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,081	3/4	135,681	3/4	126,261	3/4	116,805	3/4	106,972	3/4	96,208	3/4	85,442
7		7		7		7	144,877	7	135,484	7	126,065	7	116,608	7	106,748	7	95,984	7	85,218
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,674	1/4	135,288	1/4	125,868	1/4	116,411	1/4	106,524	1/4	95,760	1/4	84,994
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,479	1/2	135,091	1/2	125,672	1/2	116,214	1/2	106,300	1/2	95,536	1/2	84,770
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,285	3/4	134,894	3/4	125,475	3/4	116,017	3/4	106,076	3/4	95,311	3/4	84,545
8		8		8		8	144,090	8	134,698	8	125,278	8	115,820	8	105,852	8	95,087	8	84,321
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,896	1/4	134,501	1/4	125,082	1/4	115,623	1/4	105,628	1/4	94,863	1/4	84,097
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,701	1/2	134,305	1/2	124,885	1/2	115,425	1/2	105,404	1/2	94,638	1/2	83,872
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,507	3/4	134,108	3/4	124,689	3/4	115,228	3/4	105,180	3/4	94,414	3/4	83,648
9		9		9		9	143,312	9	133,911	9	124,492	9	115,031	9	104,956	9	94,190	9	83,424
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,118	1/4	133,715	1/4	124,296	1/4	114,834	1/4	104,732	1/4	93,966	1/4	83,200
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,923	1/2	133,519	1/2	124,098	1/2	114,637	1/2	104,507	1/2	93,741	1/2	82,975
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,729	3/4	133,323	3/4	123,901	3/4	114,440	3/4	104,283	3/4	93,517	3/4	82,751
10		10		10		10	142,534	10	133,127	10	123,704	10	114,243	10	104,059	10	93,293	10	82,527
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,340	1/4	132,931	1/4	123,507	1/4	114,047	1/4	103,834	1/4	93,068	1/4	82,302
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,145	1/2	132,735	1/2	123,310	1/2	113,850	1/2	103,610	1/2	92,844	1/2	82,078
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,951	3/4	132,540	3/4	123,113	3/4	113,653	3/4	103,386	3/4	92,620	3/4	81,854
11		11		11		11	141,756	11	132,344	11	122,916	11	113,456	11	103,162	11	92,396	11	81,629
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,562	1/4	132,148	1/4	122,719	1/4	113,259	1/4	102,937	1/4	92,171	1/4	81,405
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,367	1/2	131,952	1/2	122,522	1/2	113,062	1/2	102,713	1/2	91,947	1/2	81,181
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,173	3/4	131,756	3/4	122,324	3/4	112,865	3/4	102,489	3/4	91,723	3/4	80,956

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 26'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1371"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	70,007	0	59,252	0	48,489	0	37,727	0	27,121	0	16,410	0	5,623	0		0		0	
1/4	69,784	1/4	59,028	1/4	48,265	1/4	37,503	1/4	26,903	1/4	16,186	1/4	5,398	1/4	1/4		1/4		1/4
1/2	69,560	1/2	58,804	1/2	48,041	1/2	37,278	1/2	26,684	1/2	15,961	1/2	5,175	1/2	1/2		1/2		1/2
3/4	69,336	3/4	58,580	3/4	47,817	3/4	37,054	3/4	26,466	3/4	15,736	3/4	4,952	3/4	3/4		3/4		3/4
1	69,113	1	58,355	1	47,593	1	36,830	1	26,247	1	15,511	1	4,728	1	1		1		1
1/4	68,889	1/4	58,131	1/4	47,368	1/4	36,606	1/4	26,029	1/4	15,286	1/4	4,505	1/4	1/4		1/4		1/4
1/2	68,665	1/2	57,907	1/2	47,144	1/2	36,381	1/2	25,810	1/2	15,062	1/2	4,282	1/2	1/2		1/2		1/2
3/4	68,442	3/4	57,683	3/4	46,920	3/4	36,157	3/4	25,591	3/4	14,837	3/4	4,060	3/4	3/4		3/4		3/4
2	68,218	2	57,458	2	46,696	2	35,933	2	25,373	2	14,612	2	3,838	2	2		2		2
1/4	67,995	1/4	57,234	1/4	46,471	1/4	35,709	1/4	25,154	1/4	14,387	1/4	3,616	1/4	1/4		1/4		1/4
1/2	67,771	1/2	57,010	1/2	46,247	1/2	35,485	1/2	24,935	1/2	14,162	1/2	3,395	1/2	1/2		1/2		1/2
3/4	67,547	3/4	56,786	3/4	46,023	3/4	35,260	3/4	24,716	3/4	13,938	3/4	3,175	3/4	3/4		3/4		3/4
3	67,324	3	56,562	3	45,799	3	35,036	3	24,497	3	13,713	3	2,955	3	3		3		3
1/4	67,100	1/4	56,337	1/4	45,575	1/4	34,812	1/4	24,279	1/4	13,488	1/4	2,734	1/4	1/4		1/4		1/4
1/2	66,876	1/2	56,113	1/2	45,350	1/2	34,588	1/2	24,054	1/2	13,263	1/2	2,529	1/2	1/2		1/2		1/2
3/4	66,652	3/4	55,889	3/4	45,126	3/4	34,363	3/4	23,829	3/4	13,038	3/4	2,323	3/4	3/4		3/4		3/4
4	66,427	4	55,665	4	44,902	4	34,139	4	23,604	4	12,814	4	2,118	4	4		4		4
1/4	66,203	1/4	55,440	1/4	44,678	1/4	33,915	1/4	23,379	1/4	12,589	1/4	1,912	1/4	1/4		1/4		1/4
1/2	65,979	1/2	55,216	1/2	44,453	1/2	33,691	1/2	23,155	1/2	12,364	1/2	1,744	1/2	1/2		1/2		1/2
3/4	65,755	3/4	54,992	3/4	44,229	3/4	33,467	3/4	22,930	3/4	12,139	3/4	1,575	3/4	3/4		3/4		3/4
5	65,530	5	54,768	5	44,005	5	33,242	5	22,705	5	11,914	5	1,407	5	5		5		5
1/4	65,306	1/4	54,544	1/4	43,781	1/4	33,018	1/4	22,480	1/4	11,690	1/4	1,238	1/4	1/4		1/4		1/4
1/2	65,082	1/2	54,319	1/2	43,557	1/2	32,800	1/2	22,255	1/2	11,465	1/2	1,107	1/2	1/2		1/2		1/2
3/4	64,858	3/4	54,095	3/4	43,332	3/4	32,581	3/4	22,031	3/4	11,240	3/4	976	3/4	3/4		3/4		3/4
6	64,634	6	53,871	6	43,108	6	32,363	6	21,806	6	11,015	6	845	6	6		6		6
1/4	64,409	1/4	53,647	1/4	42,884	1/4	32,144	1/4	21,581	1/4	10,790	1/4	714	1/4	1/4		1/4		1/4
1/2	64,185	1/2	53,422	1/2	42,660	1/2	31,926	1/2	21,356	1/2	10,565	1/2	620	1/2	1/2		1/2		1/2
3/4	63,961	3/4	53,198	3/4	42,435	3/4	31,708	3/4	21,131	3/4	10,341	3/4	526	3/4	3/4		3/4		3/4
7	63,737	7	52,974	7	42,211	7	31,489	7	20,907	7	10,116	7	433	7	7		7		7
1/4	63,512	1/4	52,750	1/4	41,987	1/4	31,271	1/4	20,682	1/4	9,891	1/4	339	1/4	1/4		1/4		1/4
1/2	63,288	1/2	52,526	1/2	41,763	1/2	31,052	1/2	20,457	1/2	9,666	1/2	283	1/2	1/2		1/2		1/2
3/4	63,064	3/4	52,301	3/4	41,539	3/4	30,834	3/4	20,232	3/4	9,441	3/4	227	3/4	3/4		3/4		3/4
8	62,840	8	52,077	8	41,314	8	30,616	8	20,007	8	9,217	8	170	8	8		8		8
1/4	62,616	1/4	51,853	1/4	41,090	1/4	30,397	1/4	19,782	1/4	8,992	1/4	114	1/4	1/4		1/4		1/4
1/2	62,391	1/2	51,629	1/2	40,866	1/2	30,179	1/2	19,558	1/2	8,767	1/2	96	1/2	1/2		1/2		1/2
3/4	62,167	3/4	51,404	3/4	40,642	3/4	29,960	3/4	19,333	3/4	8,542	3/4	77	3/4	3/4		3/4		3/4
9	61,943	9	51,180	9	40,417	9	29,742	9	19,108	9	8,317	9	58	9	9		9		9
1/4	61,719	1/4	50,956	1/4	40,193	1/4	29,524	1/4	18,883	1/4	8,093	1/4	39	1/4	1/4		1/4		1/4
1/2	61,494	1/2	50,732	1/2	39,969	1/2	29,305	1/2	18,658	1/2	7,868	1/2		1/2	1/2		1/2		1/2
3/4	61,270	3/4	50,507	3/4	39,745	3/4	29,087	3/4	18,434	3/4	7,643	3/4		3/4	3/4		3/4		3/4
10	61,046	10	50,283	10	39,521	10	28,868	10	18,209	10	7,418	10	10	10	10		10		10
1/4	60,822	1/4	50,059	1/4	39,296	1/4	28,650	1/4	17,984	1/4	7,193	1/4	1/4	1/4	1/4		1/4		1/4
1/2	60,598	1/2	49,835	1/2	39,072	1/2	28,431	1/2	17,759	1/2	6,969	1/2	1/2	1/2	1/2		1/2		1/2
3/4	60,373	3/4	49,611	3/4	38,848	3/4	28,213	3/4	17,534	3/4	6,744	3/4	3/4	3/4	3/4		3/4		3/4
11	60,149	11	49,386	11	38,624	11	27,995	11	17,310	11	6,520	11	11	11	11		11		11
1/4	59,925	1/4	49,162	1/4	38,399	1/4	27,776	1/4	17,085	1/4	6,295	1/4	1/4	1/4	1/4		1/4		1/4
1/2	59,701	1/2	48,938	1/2	38,175	1/2	27,558	1/2	16,860	1/2	6,071	1/2	1/2	1/2	1/2		1/2		1/2
3/4	59,476	3/4	48,714	3/4	37,951	3/4	27,339	3/4	16,635	3/4	5,847	3/4	3/4	3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2014 SW  
CALCULATED: 01/07/2014 CL  
PRINTED: 01/07/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2014

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



# BARGE "CBC 1371"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0		0		0	162,733	0	150,745	0	138,731	0	126,664	0	114,598	0	102,532	0	90,465		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	162,485	1/4	150,495	1/4	138,479	1/4	126,413	1/4	114,347	1/4	102,280	1/4	90,214		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	162,238	1/2	150,245	1/2	138,228	1/2	126,162	1/2	114,095	1/2	102,029	1/2	89,962		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	161,990	3/4	149,995	3/4	137,977	3/4	125,910	3/4	113,844	3/4	101,778	3/4	89,711		
1		1		1		1	161,742	1	149,745	1	137,725	1	125,659	1	113,593	1	101,526	1	89,459		
1/4	1/4	1/4	1/4	1/4	170,366	1/4	161,495	1/4	149,495	1/4	137,474	1/4	125,408	1/4	113,341	1/4	101,275	1/4	89,208		
1/2	1/2	1/2	1/2	1/2	170,349	1/2	161,245	1/2	149,245	1/2	137,222	1/2	125,156	1/2	113,090	1/2	101,023	1/2	88,956		
3/4	3/4	3/4	3/4	3/4	170,331	3/4	160,995	3/4	148,995	3/4	136,971	3/4	124,905	3/4	112,838	3/4	100,772	3/4	88,705		
2		2		2		2	170,314	2	160,745	2	148,745	2	136,720	2	124,653	2	112,587	2	100,521	2	88,454
1/4	1/4	1/4	1/4	1/4	170,297	1/4	160,495	1/4	148,495	1/4	136,468	1/4	124,402	1/4	112,336	1/4	100,269	1/4	88,202		
1/2	1/2	1/2	1/2	1/2	170,238	1/2	160,245	1/2	148,246	1/2	136,217	1/2	124,151	1/2	112,084	1/2	100,018	1/2	87,951		
3/4	3/4	3/4	3/4	3/4	170,179	3/4	159,995	3/4	147,996	3/4	135,966	3/4	123,899	3/4	111,833	3/4	99,767	3/4	87,699		
3		3		3		3	170,120	3	159,745	3	147,746	3	135,714	3	123,648	3	111,582	3	99,515	3	87,448
1/4	1/4	1/4	1/4	1/4	170,061	1/4	159,495	1/4	147,496	1/4	135,463	1/4	123,396	1/4	111,330	1/4	99,264	1/4	87,196		
1/2	1/2	1/2	1/2	1/2	169,960	1/2	159,245	1/2	147,246	1/2	135,211	1/2	123,145	1/2	111,079	1/2	99,012	1/2	86,945		
3/4	3/4	3/4	3/4	3/4	169,859	3/4	158,995	3/4	146,996	3/4	134,960	3/4	122,894	3/4	110,827	3/4	98,761	3/4	86,694		
4		4		4		4	169,758	4	158,745	4	146,746	4	134,709	4	122,642	4	110,576	4	98,510	4	86,442
1/4	1/4	1/4	1/4	1/4	169,657	1/4	158,495	1/4	146,496	1/4	134,457	1/4	122,391	1/4	110,325	1/4	98,258	1/4	86,191		
1/2	1/2	1/2	1/2	1/2	169,514	1/2	158,245	1/2	146,246	1/2	134,206	1/2	122,140	1/2	110,073	1/2	98,007	1/2	85,939		
3/4	3/4	3/4	3/4	3/4	169,371	3/4	157,995	3/4	145,996	3/4	133,954	3/4	121,888	3/4	109,822	3/4	97,756	3/4	85,688		
5		5		5		5	169,228	5	157,745	5	145,746	5	133,703	5	121,637	5	109,570	5	97,504	5	85,436
1/4	1/4	1/4	1/4	1/4	169,085	1/4	157,495	1/4	145,496	1/4	133,452	1/4	121,385	1/4	109,319	1/4	97,253	1/4	85,185		
1/2	1/2	1/2	1/2	1/2	168,900	1/2	157,245	1/2	145,246	1/2	133,200	1/2	121,134	1/2	109,068	1/2	97,001	1/2	84,934		
3/4	3/4	3/4	3/4	3/4	168,715	3/4	156,995	3/4	144,996	3/4	132,949	3/4	120,883	3/4	108,816	3/4	96,750	3/4	84,682		
6		6		6		6	168,531	6	156,745	6	144,746	6	132,698	6	120,631	6	108,565	6	96,499	6	84,431
1/4	1/4	1/4	1/4	1/4	168,346	1/4	156,495	1/4	144,496	1/4	132,446	1/4	120,380	1/4	108,314	1/4	96,247	1/4	84,179		
1/2	1/2	1/2	1/2	1/2	168,119	1/2	156,245	1/2	144,246	1/2	132,195	1/2	120,128	1/2	108,062	1/2	95,996	1/2	83,928		
3/4	3/4	3/4	3/4	3/4	167,892	3/4	155,995	3/4	143,996	3/4	131,943	3/4	119,877	3/4	107,811	3/4	95,744	3/4	83,677		
7		7		7		7	167,666	7	155,745	7	143,746	7	131,692	7	119,626	7	107,559	7	95,493	7	83,425
1/4	1/4	1/4	1/4	1/4	167,439	1/4	155,495	1/4	143,496	1/4	131,441	1/4	119,374	1/4	107,308	1/4	95,242	1/4	83,174		
1/2	1/2	1/2	1/2	1/2	167,191	1/2	155,245	1/2	143,246	1/2	131,189	1/2	119,123	1/2	107,057	1/2	94,990	1/2	82,922		
3/4	3/4	3/4	3/4	3/4	166,943	3/4	154,995	3/4	142,996	3/4	130,938	3/4	118,872	3/4	106,805	3/4	94,739	3/4	82,671		
8		8		8		8	166,696	8	154,745	8	142,746	8	130,687	8	118,620	8	106,554	8	94,488	8	82,419
1/4	1/4	1/4	1/4	1/4	166,448	1/4	154,495	1/4	142,496	1/4	130,435	1/4	118,369	1/4	106,303	1/4	94,236	1/4	82,168		
1/2	1/2	1/2	1/2	1/2	166,200	1/2	154,245	1/2	142,246	1/2	130,184	1/2	118,117	1/2	106,051	1/2	93,985	1/2	81,917		
3/4	3/4	3/4	3/4	3/4	165,953	3/4	153,995	3/4	141,996	3/4	129,932	3/4	117,866	3/4	105,800	3/4	93,733	3/4	81,665		
9		9		9		9	165,705	9	153,745	9	141,746	9	129,681	9	117,615	9	105,548	9	93,482	9	81,414
1/4	1/4	1/4	1/4	1/4	165,457	1/4	153,495	1/4	141,496	1/4	129,430	1/4	117,363	1/4	105,297	1/4	93,231	1/4	81,162		
1/2	1/2	1/2	1/2	1/2	165,210	1/2	153,245	1/2	141,245	1/2	129,178	1/2	117,112	1/2	105,046	1/2	92,979	1/2	80,911		
3/4	3/4	3/4	3/4	3/4	164,962	3/4	152,995	3/4	140,993	3/4	128,927	3/4	116,861	3/4	104,794	3/4	92,728	3/4	80,659		
10		10		10		10	164,714	10	152,745	10	140,742	10	128,675	10	116,609	10	104,543	10	92,476	10	80,408
1/4	1/4	1/4	1/4	1/4	164,467	1/4	152,495	1/4	140,490	1/4	128,424	1/4	116,358	1/4	104,291	1/4	92,225	1/4	80,157		
1/2	1/2	1/2	1/2	1/2	164,219	1/2	152,245	1/2	140,239	1/2	128,173	1/2	116,106	1/2	104,040	1/2	91,974	1/2	79,905		
3/4	3/4	3/4	3/4	3/4	163,971	3/4	151,995	3/4	139,988	3/4	127,921	3/4	115,855	3/4	103,789	3/4	91,722	3/4	79,654		
11		11		11		11	163,724	11	151,745	11	139,736	11	127,670	11	115,604	11	103,537	11	91,471	11	79,402
1/4	1/4	1/4	1/4	1/4	163,476	1/4	151,495	1/4	139,485	1/4	127,419	1/4	115,352	1/4	103,286	1/4	91,219	1/4	79,151		
1/2	1/2	1/2	1/2	1/2	163,228	1/2	151,245	1/2	139,234	1/2	127,167	1/2	115,101	1/2	103,035	1/2	90,968	1/2	78,899		
3/4	3/4	3/4	3/4	3/4	162,981	3/4	150,995	3/4	138,982	3/4	126,916	3/4	114,849	3/4	102,783	3/4	90,716	3/4	78,648		

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 30'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1371"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	78,397	0	66,328	0	54,260	0	42,191	0	30,351	0	18,349	0	6,284	0		0		0	
1/4	78,145	1/4	66,077	1/4	54,008	1/4	41,940	1/4	30,107	1/4	18,097	1/4	6,033	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,894	1/2	65,825	1/2	53,757	1/2	41,689	1/2	29,863	1/2	17,846	1/2	5,783	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,642	3/4	65,574	3/4	53,506	3/4	41,437	3/4	29,619	3/4	17,594	3/4	5,533	3/4	3/4	3/4	3/4	3/4	3/4
1	77,391	1	65,323	1	53,254	1	41,186	1	29,375	1	17,343	1	5,283	1	1	1	1	1	1
1/4	77,139	1/4	65,071	1/4	53,003	1/4	40,934	1/4	29,131	1/4	17,092	1/4	5,034	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,888	1/2	64,820	1/2	52,751	1/2	40,683	1/2	28,887	1/2	16,840	1/2	4,785	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,637	3/4	64,568	3/4	52,500	3/4	40,431	3/4	28,643	3/4	16,589	3/4	4,536	3/4	3/4	3/4	3/4	3/4	3/4
2	76,385	2	64,317	2	52,248	2	40,180	2	28,398	2	16,337	2	4,288	2	2	2	2	2	2
1/4	76,134	1/4	64,065	1/4	51,997	1/4	39,929	1/4	28,154	1/4	16,086	1/4	4,039	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,882	1/2	63,814	1/2	51,746	1/2	39,677	1/2	27,902	1/2	15,834	1/2	3,793	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,631	3/4	63,563	3/4	51,494	3/4	39,426	3/4	27,651	3/4	15,583	3/4	3,546	3/4	3/4	3/4	3/4	3/4	3/4
3	75,379	3	63,311	3	51,243	3	39,174	3	27,400	3	15,332	3	3,300	3	3	3	3	3	3
1/4	75,128	1/4	63,060	1/4	50,991	1/4	38,923	1/4	27,148	1/4	15,080	1/4	3,054	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,877	1/2	62,808	1/2	50,740	1/2	38,671	1/2	26,897	1/2	14,829	1/2	2,824	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,625	3/4	62,557	3/4	50,488	3/4	38,420	3/4	26,645	3/4	14,577	3/4	2,594	3/4	3/4	3/4	3/4	3/4	3/4
4	74,374	4	62,305	4	50,237	4	38,169	4	26,394	4	14,326	4	2,364	4	4	4	4	4	4
1/4	74,122	1/4	62,054	1/4	49,986	1/4	37,917	1/4	26,143	1/4	14,075	1/4	2,134	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,871	1/2	61,803	1/2	49,734	1/2	37,673	1/2	25,891	1/2	13,823	1/2	1,946	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,620	3/4	61,551	3/4	49,483	3/4	37,428	3/4	25,640	3/4	13,572	3/4	1,757	3/4	3/4	3/4	3/4	3/4	3/4
5	73,368	5	61,300	5	49,231	5	37,184	5	25,388	5	13,320	5	1,569	5	5	5	5	5	5
1/4	73,117	1/4	61,048	1/4	48,980	1/4	36,940	1/4	25,137	1/4	13,069	1/4	1,380	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,865	1/2	60,797	1/2	48,728	1/2	36,696	1/2	24,885	1/2	12,817	1/2	1,233	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,614	3/4	60,545	3/4	48,477	3/4	36,452	3/4	24,634	3/4	12,566	3/4	1,087	3/4	3/4	3/4	3/4	3/4	3/4
6	72,362	6	60,294	6	48,226	6	36,208	6	24,383	6	12,315	6	940	6	6	6	6	6	6
1/4	72,111	1/4	60,043	1/4	47,974	1/4	35,964	1/4	24,131	1/4	12,063	1/4	793	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,860	1/2	59,791	1/2	47,723	1/2	35,720	1/2	23,880	1/2	11,812	1/2	689	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,608	3/4	59,540	3/4	47,471	3/4	35,476	3/4	23,628	3/4	11,560	3/4	584	3/4	3/4	3/4	3/4	3/4	3/4
7	71,357	7	59,288	7	47,220	7	35,232	7	23,377	7	11,309	7	479	7	7	7	7	7	7
1/4	71,105	1/4	59,037	1/4	46,968	1/4	34,988	1/4	23,126	1/4	11,058	1/4	374	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,854	1/2	58,785	1/2	46,717	1/2	34,744	1/2	22,874	1/2	10,806	1/2	312	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,602	3/4	58,534	3/4	46,466	3/4	34,500	3/4	22,623	3/4	10,555	3/4	249	3/4	3/4	3/4	3/4	3/4	3/4
8	70,351	8	58,283	8	46,214	8	34,256	8	22,371	8	10,303	8	186	8	8	8	8	8	8
1/4	70,100	1/4	58,031	1/4	45,963	1/4	34,012	1/4	22,120	1/4	10,052	1/4	123	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,848	1/2	57,780	1/2	45,711	1/2	33,768	1/2	21,868	1/2	9,800	1/2	102	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,597	3/4	57,528	3/4	45,460	3/4	33,524	3/4	21,617	3/4	9,549	3/4	81	3/4	3/4	3/4	3/4	3/4	3/4
9	69,345	9	57,277	9	45,209	9	33,280	9	21,366	9	9,298	9	60	9	9	9	9	9	9
1/4	69,094	1/4	57,025	1/4	44,957	1/4	33,036	1/4	21,114	1/4	9,046	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,842	1/2	56,774	1/2	44,706	1/2	32,791	1/2	20,863	1/2	8,795	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,591	3/4	56,523	3/4	44,454	3/4	32,547	3/4	20,611	3/4	8,543	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	68,340	10	56,271	10	44,203	10	32,303	10	20,360	10	8,292	10		10	10	10	10	10	10
1/4	68,088	1/4	56,020	1/4	43,951	1/4	32,059	1/4	20,109	1/4	8,041	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,837	1/2	55,768	1/2	43,700	1/2	31,815	1/2	19,857	1/2	7,789	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,585	3/4	55,517	3/4	43,449	3/4	31,571	3/4	19,606	3/4	7,538	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	67,334	11	55,266	11	43,197	11	31,327	11	19,354	11	7,287	11		11	11	11	11	11	11
1/4	67,082	1/4	55,014	1/4	42,946	1/4	31,083	1/4	19,103	1/4	7,036	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,831	1/2	54,763	1/2	42,694	1/2	30,839	1/2	18,851	1/2	6,785	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,580	3/4	54,511	3/4	42,443	3/4	30,595	3/4	18,600	3/4	6,534	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2014 SW  
CALCULATED: 01/07/2014 CL  
PRINTED: 01/07/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2014

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



# BARGE "CBC 1371"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	0	0	144,505	0	133,877	0	123,226	0	112,529	0	101,832	0	91,135	0	80,437		
1/4	1/4	1/4	1/4	1/4	1/4	144,286	1/4	133,656	1/4	123,003	1/4	112,306	1/4	101,609	1/4	90,912	1/4	80,214		
1/2	1/2	1/2	1/2	1/2	1/2	144,066	1/2	133,434	1/2	122,780	1/2	112,083	1/2	101,386	1/2	90,689	1/2	79,991		
3/4	3/4	3/4	3/4	3/4	3/4	143,847	3/4	133,212	3/4	122,557	3/4	111,860	3/4	101,163	3/4	90,466	3/4	79,769		
1	1	1	1	1	1	143,627	1	132,991	1	122,334	1	111,637	1	100,940	1	90,243	1	79,546		
1/4	1/4	1/4	1/4	1/4	1/4	151,273	1/4	143,407	1/4	132,769	1/4	122,111	1/4	111,414	1/4	100,717	1/4	90,020	1/4	79,323
1/2	1/2	1/2	1/2	1/2	1/2	151,258	1/2	143,186	1/2	132,548	1/2	121,888	1/2	111,191	1/2	100,494	1/2	89,798	1/2	79,100
3/4	3/4	3/4	3/4	3/4	3/4	151,242	3/4	142,964	3/4	132,326	3/4	121,666	3/4	110,969	3/4	100,272	3/4	89,575	3/4	78,877
2	2	2	2	2	2	151,227	2	142,743	2	132,104	2	121,443	2	110,746	2	100,049	2	89,352	2	78,654
1/4	1/4	1/4	1/4	1/4	1/4	151,212	1/4	142,521	1/4	131,883	1/4	121,220	1/4	110,523	1/4	99,826	1/4	89,129	1/4	78,431
1/2	1/2	1/2	1/2	1/2	1/2	151,159	1/2	142,299	1/2	131,661	1/2	120,997	1/2	110,300	1/2	99,603	1/2	88,906	1/2	78,208
3/4	3/4	3/4	3/4	3/4	3/4	151,107	3/4	142,078	3/4	131,439	3/4	120,774	3/4	110,077	3/4	99,380	3/4	88,683	3/4	77,985
3	3	3	3	3	3	151,055	3	141,856	3	131,218	3	120,551	3	109,854	3	99,157	3	88,460	3	77,763
1/4	1/4	1/4	1/4	1/4	1/4	151,002	1/4	141,634	1/4	130,996	1/4	120,328	1/4	109,631	1/4	98,935	1/4	88,238	1/4	77,540
1/2	1/2	1/2	1/2	1/2	1/2	150,913	1/2	141,413	1/2	130,774	1/2	120,106	1/2	109,409	1/2	98,712	1/2	88,015	1/2	77,317
3/4	3/4	3/4	3/4	3/4	3/4	150,823	3/4	141,191	3/4	130,553	3/4	119,883	3/4	109,186	3/4	98,489	3/4	87,792	3/4	77,094
4	4	4	4	4	4	150,733	4	140,970	4	130,331	4	119,660	4	108,963	4	98,266	4	87,569	4	76,871
1/4	1/4	1/4	1/4	1/4	1/4	150,644	1/4	140,748	1/4	130,110	1/4	119,437	1/4	108,740	1/4	98,043	1/4	87,346	1/4	76,648
1/2	1/2	1/2	1/2	1/2	1/2	150,517	1/2	140,526	1/2	129,888	1/2	119,214	1/2	108,517	1/2	97,820	1/2	87,123	1/2	76,425
3/4	3/4	3/4	3/4	3/4	3/4	150,390	3/4	140,305	3/4	129,666	3/4	118,991	3/4	108,294	3/4	97,597	3/4	86,900	3/4	76,202
5	5	5	5	5	5	150,264	5	140,083	5	129,445	5	118,768	5	108,072	5	97,375	5	86,678	5	75,979
1/4	1/4	1/4	1/4	1/4	1/4	150,137	1/4	139,861	1/4	129,223	1/4	118,546	1/4	107,849	1/4	97,152	1/4	86,455	1/4	75,757
1/2	1/2	1/2	1/2	1/2	1/2	149,973	1/2	139,640	1/2	129,001	1/2	118,323	1/2	107,626	1/2	96,929	1/2	86,232	1/2	75,534
3/4	3/4	3/4	3/4	3/4	3/4	149,809	3/4	139,418	3/4	128,780	3/4	118,100	3/4	107,403	3/4	96,706	3/4	86,009	3/4	75,311
6	6	6	6	6	6	149,645	6	139,196	6	128,558	6	117,877	6	107,180	6	96,483	6	85,786	6	75,088
1/4	1/4	1/4	1/4	1/4	1/4	149,482	1/4	138,975	1/4	128,337	1/4	117,654	1/4	106,957	1/4	96,260	1/4	85,563	1/4	74,865
1/2	1/2	1/2	1/2	1/2	1/2	149,281	1/2	138,753	1/2	128,115	1/2	117,431	1/2	106,734	1/2	96,037	1/2	85,340	1/2	74,642
3/4	3/4	3/4	3/4	3/4	3/4	149,080	3/4	138,532	3/4	127,893	3/4	117,209	3/4	106,512	3/4	95,815	3/4	85,118	3/4	74,419
7	7	7	7	7	7	148,879	7	138,310	7	127,672	7	116,986	7	106,289	7	95,592	7	84,895	7	74,196
1/4	1/4	1/4	1/4	1/4	1/4	148,678	1/4	138,088	1/4	127,450	1/4	116,763	1/4	106,066	1/4	95,369	1/4	84,672	1/4	73,973
1/2	1/2	1/2	1/2	1/2	1/2	148,458	1/2	137,867	1/2	127,228	1/2	116,540	1/2	105,843	1/2	95,146	1/2	84,449	1/2	73,750
3/4	3/4	3/4	3/4	3/4	3/4	148,238	3/4	137,645	3/4	127,007	3/4	116,317	3/4	105,620	3/4	94,923	3/4	84,226	3/4	73,528
8	8	8	8	8	8	148,019	8	137,423	8	126,785	8	116,094	8	105,397	8	94,700	8	84,003	8	73,305
1/4	1/4	1/4	1/4	1/4	1/4	147,799	1/4	137,202	1/4	126,563	1/4	115,871	1/4	105,174	1/4	94,477	1/4	83,780	1/4	73,082
1/2	1/2	1/2	1/2	1/2	1/2	147,580	1/2	136,980	1/2	126,342	1/2	115,649	1/2	104,952	1/2	94,255	1/2	83,558	1/2	72,859
3/4	3/4	3/4	3/4	3/4	3/4	147,360	3/4	136,759	3/4	126,120	3/4	115,426	3/4	104,729	3/4	94,032	3/4	83,335	3/4	72,636
9	9	9	9	9	9	147,140	9	136,537	9	125,899	9	115,203	9	104,506	9	93,809	9	83,112	9	72,413
1/4	1/4	1/4	1/4	1/4	1/4	146,921	1/4	136,315	1/4	125,677	1/4	114,980	1/4	104,283	1/4	93,586	1/4	82,889	1/4	72,190
1/2	1/2	1/2	1/2	1/2	1/2	146,701	1/2	136,094	1/2	125,454	1/2	114,757	1/2	104,060	1/2	93,363	1/2	82,666	1/2	71,967
3/4	3/4	3/4	3/4	3/4	3/4	146,482	3/4	135,872	3/4	125,231	3/4	114,534	3/4	103,837	3/4	93,140	3/4	82,443	3/4	71,744
10	10	10	10	10	10	146,262	10	135,650	10	125,008	10	114,311	10	103,614	10	92,917	10	82,220	10	71,522
1/4	1/4	1/4	1/4	1/4	1/4	146,043	1/4	135,429	1/4	124,786	1/4	114,089	1/4	103,392	1/4	92,695	1/4	81,997	1/4	71,299
1/2	1/2	1/2	1/2	1/2	1/2	145,823	1/2	135,207	1/2	124,563	1/2	113,866	1/2	103,169	1/2	92,472	1/2	81,775	1/2	71,076
3/4	3/4	3/4	3/4	3/4	3/4	145,603	3/4	134,985	3/4	124,340	3/4	113,643	3/4	102,946	3/4	92,249	3/4	81,552	3/4	70,853
11	11	11	11	11	11	145,384	11	134,764	11	124,117	11	113,420	11	102,723	11	92,026	11	81,329	11	70,630
1/4	1/4	1/4	1/4	1/4	1/4	145,164	1/4	134,542	1/4	123,894	1/4	113,197	1/4	102,500	1/4	91,803	1/4	81,106	1/4	70,407
1/2	1/2	1/2	1/2	1/2	1/2	144,945	1/2	134,321	1/2	123,671	1/2	112,974	1/2	102,277	1/2	91,580	1/2	80,883	1/2	70,184
3/4	3/4	3/4	3/4	3/4	3/4	144,725	3/4	134,099	3/4	123,448	3/4	112,751	3/4	102,054	3/4	91,357	3/4	80,660	3/4	69,961

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1371"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	69,738	0	59,040	0	48,341	0	37,642	0	26,963	0	16,271	0	5,575	0		0		0	
1/4	69,516	1/4	58,817	1/4	48,118	1/4	37,419	1/4	26,740	1/4	16,048	1/4	5,353	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,293	1/2	58,594	1/2	47,895	1/2	37,196	1/2	26,518	1/2	15,825	1/2	5,131	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,070	3/4	58,371	3/4	47,672	3/4	36,973	3/4	26,296	3/4	15,602	3/4	4,910	3/4	3/4	3/4	3/4	3/4	3/4
1	68,847	1	58,148	1	47,449	1	36,751	1	26,074	1	15,379	1	4,688	1	1	1	1	1	1
1/4	68,624	1/4	57,925	1/4	47,226	1/4	36,528	1/4	25,852	1/4	15,156	1/4	4,467	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,401	1/2	57,702	1/2	47,004	1/2	36,305	1/2	25,629	1/2	14,933	1/2	4,246	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,178	3/4	57,479	3/4	46,781	3/4	36,082	3/4	25,407	3/4	14,710	3/4	4,026	3/4	3/4	3/4	3/4	3/4	3/4
2	67,955	2	57,257	2	46,558	2	35,859	2	25,184	2	14,488	2	3,806	2	2	2	2	2	2
1/4	67,732	1/4	57,034	1/4	46,335	1/4	35,636	1/4	24,962	1/4	14,265	1/4	3,585	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,510	1/2	56,811	1/2	46,112	1/2	35,413	1/2	24,739	1/2	14,042	1/2	3,367	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,287	3/4	56,588	3/4	45,889	3/4	35,190	3/4	24,517	3/4	13,819	3/4	3,148	3/4	3/4	3/4	3/4	3/4	3/4
3	67,064	3	56,365	3	45,666	3	34,967	3	24,294	3	13,596	3	2,930	3	3	3	3	3	3
1/4	66,841	1/4	56,142	1/4	45,443	1/4	34,744	1/4	24,072	1/4	13,373	1/4	2,711	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,618	1/2	55,919	1/2	45,220	1/2	34,522	1/2	23,849	1/2	13,150	1/2	2,508	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,395	3/4	55,696	3/4	44,997	3/4	34,299	3/4	23,626	3/4	12,927	3/4	2,304	3/4	3/4	3/4	3/4	3/4	3/4
4	66,172	4	55,473	4	44,775	4	34,076	4	23,403	4	12,705	4	2,100	4	4	4	4	4	4
1/4	65,949	1/4	55,250	1/4	44,552	1/4	33,853	1/4	23,180	1/4	12,482	1/4	1,896	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,726	1/2	55,028	1/2	44,329	1/2	33,630	1/2	22,957	1/2	12,259	1/2	1,729	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,504	3/4	54,805	3/4	44,106	3/4	33,407	3/4	22,734	3/4	12,036	3/4	1,562	3/4	3/4	3/4	3/4	3/4	3/4
5	65,281	5	54,582	5	43,883	5	33,184	5	22,511	5	11,813	5	1,395	5	5	5	5	5	5
1/4	65,058	1/4	54,359	1/4	43,660	1/4	32,961	1/4	22,288	1/4	11,590	1/4	1,228	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,835	1/2	54,136	1/2	43,437	1/2	32,739	1/2	22,066	1/2	11,367	1/2	1,098	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,612	3/4	53,913	3/4	43,214	3/4	32,517	3/4	21,843	3/4	11,144	3/4	968	3/4	3/4	3/4	3/4	3/4	3/4
6	64,389	6	53,690	6	42,991	6	32,295	6	21,620	6	10,921	6	838	6	6	6	6	6	6
1/4	64,166	1/4	53,467	1/4	42,769	1/4	32,073	1/4	21,397	1/4	10,699	1/4	708	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,943	1/2	53,244	1/2	42,546	1/2	31,850	1/2	21,174	1/2	10,476	1/2	615	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,720	3/4	53,022	3/4	42,323	3/4	31,628	3/4	20,951	3/4	10,253	3/4	522	3/4	3/4	3/4	3/4	3/4	3/4
7	63,497	7	52,799	7	42,100	7	31,406	7	20,728	7	10,030	7	429	7	7	7	7	7	7
1/4	63,275	1/4	52,576	1/4	41,877	1/4	31,184	1/4	20,505	1/4	9,807	1/4	336	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,052	1/2	52,353	1/2	41,654	1/2	30,962	1/2	20,283	1/2	9,584	1/2	281	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,829	3/4	52,130	3/4	41,431	3/4	30,740	3/4	20,060	3/4	9,361	3/4	225	3/4	3/4	3/4	3/4	3/4	3/4
8	62,606	8	51,907	8	41,208	8	30,517	8	19,837	8	9,138	8	169	8	8	8	8	8	8
1/4	62,383	1/4	51,684	1/4	40,985	1/4	30,295	1/4	19,614	1/4	8,916	1/4	114	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,160	1/2	51,461	1/2	40,763	1/2	30,073	1/2	19,391	1/2	8,693	1/2	95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,937	3/4	51,238	3/4	40,540	3/4	29,851	3/4	19,168	3/4	8,470	3/4	76	3/4	3/4	3/4	3/4	3/4	3/4
9	61,714	9	51,016	9	40,317	9	29,629	9	18,945	9	8,247	9	58	9	9	9	9	9	9
1/4	61,491	1/4	50,793	1/4	40,094	1/4	29,407	1/4	18,722	1/4	8,024	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,269	1/2	50,570	1/2	39,871	1/2	29,184	1/2	18,499	1/2	7,801	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,046	3/4	50,347	3/4	39,648	3/4	28,962	3/4	18,277	3/4	7,578	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,823	10	50,124	10	39,425	10	28,740	10	18,054	10	7,355	10	10	10	10	10	10	10	10
1/4	60,600	1/4	49,901	1/4	39,202	1/4	28,518	1/4	17,831	1/4	7,133	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,377	1/2	49,678	1/2	38,979	1/2	28,296	1/2	17,608	1/2	6,910	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,154	3/4	49,455	3/4	38,757	3/4	28,074	3/4	17,385	3/4	6,687	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	59,931	11	49,232	11	38,534	11	27,851	11	17,162	11	6,464	11	11	11	11	11	11	11	11
1/4	59,708	1/4	49,010	1/4	38,311	1/4	27,629	1/4	16,939	1/4	6,242	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,485	1/2	48,787	1/2	38,088	1/2	27,407	1/2	16,716	1/2	6,020	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,263	3/4	48,564	3/4	37,865	3/4	27,185	3/4	16,494	3/4	5,797	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2014 SW  
CALCULATED: 01/07/2014 CL  
PRINTED: 01/07/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2014

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