



# BARGE "CBC 1372"

## INNAGE TRIM TABLE

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

February 6, 2014

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

<http://www.pmacorp.net>



# BARGE "CBC 1372"

# 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,103	0	18,909	0	29,563	0	40,247	0	51,024	0	61,801	0	72,555	0	83,311	0	94,092
1/4	58	1/4	8,329	1/4	19,134	1/4	29,782	1/4	40,472	1/4	51,249	1/4	62,026	1/4	72,779	1/4	83,536	1/4	94,316
1/2	77	1/2	8,554	1/2	19,359	1/2	30,001	1/2	40,696	1/2	51,473	1/2	62,251	1/2	73,002	1/2	83,760	1/2	94,541
3/4	96	3/4	8,779	3/4	19,584	3/4	30,219	3/4	40,921	3/4	51,698	3/4	62,475	3/4	73,225	3/4	83,985	3/4	94,765
1	114	1	9,004	1	19,809	1	30,438	1	41,145	1	51,922	1	62,700	1	73,448	1	84,210	1	94,990
1/4	171	1/4	9,229	1/4	20,034	1/4	30,657	1/4	41,370	1/4	52,147	1/4	62,924	1/4	73,671	1/4	84,434	1/4	95,215
1/2	227	1/2	9,454	1/2	20,259	1/2	30,875	1/2	41,594	1/2	52,371	1/2	63,149	1/2	73,894	1/2	84,659	1/2	95,439
3/4	283	3/4	9,679	3/4	20,484	3/4	31,094	3/4	41,819	3/4	52,596	3/4	63,373	3/4	74,118	3/4	84,883	3/4	95,664
2	340	2	9,904	2	20,709	2	31,313	2	42,043	2	52,821	2	63,598	2	74,341	2	85,108	2	95,888
1/4	433	1/4	10,129	1/4	20,935	1/4	31,531	1/4	42,268	1/4	53,045	1/4	63,822	1/4	74,564	1/4	85,333	1/4	96,113
1/2	527	1/2	10,355	1/2	21,160	1/2	31,750	1/2	42,492	1/2	53,270	1/2	64,047	1/2	74,787	1/2	85,557	1/2	96,338
3/4	621	3/4	10,580	3/4	21,385	3/4	31,969	3/4	42,717	3/4	53,494	3/4	64,271	3/4	75,010	3/4	85,782	3/4	96,562
3	715	3	10,805	3	21,610	3	32,188	3	42,941	3	53,719	3	64,496	3	75,233	3	86,006	3	96,787
1/4	846	1/4	11,030	1/4	21,835	1/4	32,406	1/4	43,166	1/4	53,943	1/4	64,720	1/4	75,457	1/4	86,231	1/4	97,011
1/2	977	1/2	11,255	1/2	22,060	1/2	32,625	1/2	43,390	1/2	54,168	1/2	64,945	1/2	75,680	1/2	86,455	1/2	97,236
3/4	1,109	3/4	11,480	3/4	22,285	3/4	32,844	3/4	43,615	3/4	54,392	3/4	65,169	3/4	75,903	3/4	86,680	3/4	97,461
4	1,240	4	11,705	4	22,510	4	33,062	4	43,840	4	54,617	4	65,394	4	76,126	4	86,905	4	97,685
1/4	1,409	1/4	11,930	1/4	22,735	1/4	33,287	1/4	44,064	1/4	54,841	1/4	65,618	1/4	76,350	1/4	87,129	1/4	97,910
1/2	1,577	1/2	12,155	1/2	22,961	1/2	33,511	1/2	44,289	1/2	55,066	1/2	65,843	1/2	76,574	1/2	87,354	1/2	98,134
3/4	1,746	3/4	12,381	3/4	23,186	3/4	33,736	3/4	44,513	3/4	55,290	3/4	66,067	3/4	76,798	3/4	87,578	3/4	98,359
5	1,915	5	12,606	5	23,411	5	33,960	5	44,738	5	55,515	5	66,292	5	77,022	5	87,803	5	98,584
1/4	2,121	1/4	12,831	1/4	23,636	1/4	34,185	1/4	44,962	1/4	55,739	1/4	66,516	1/4	77,246	1/4	88,028	1/4	98,808
1/2	2,326	1/2	13,056	1/2	23,861	1/2	34,410	1/2	45,187	1/2	55,964	1/2	66,741	1/2	77,471	1/2	88,252	1/2	99,033
3/4	2,532	3/4	13,281	3/4	24,086	3/4	34,634	3/4	45,411	3/4	56,188	3/4	66,966	3/4	77,696	3/4	88,477	3/4	99,257
6	2,738	6	13,506	6	24,311	6	34,859	6	45,636	6	56,413	6	67,190	6	77,920	6	88,701	6	99,482
1/4	2,958	1/4	13,731	1/4	24,530	1/4	35,083	1/4	45,860	1/4	56,637	1/4	67,414	1/4	78,145	1/4	88,926	1/4	99,707
1/2	3,179	1/2	13,956	1/2	24,749	1/2	35,308	1/2	46,085	1/2	56,862	1/2	67,638	1/2	78,369	1/2	89,151	1/2	99,931
3/4	3,400	3/4	14,181	3/4	24,968	3/4	35,532	3/4	46,309	3/4	57,086	3/4	67,862	3/4	78,594	3/4	89,375	3/4	100,156
7	3,620	7	14,406	7	25,188	7	35,757	7	46,534	7	57,311	7	68,086	7	78,819	7	89,600	7	100,380
1/4	3,843	1/4	14,632	1/4	25,407	1/4	35,981	1/4	46,758	1/4	57,536	1/4	68,310	1/4	79,043	1/4	89,824	1/4	100,605
1/2	4,066	1/2	14,857	1/2	25,626	1/2	36,206	1/2	46,983	1/2	57,760	1/2	68,534	1/2	79,268	1/2	90,049	1/2	100,829
3/4	4,288	3/4	15,082	3/4	25,845	3/4	36,430	3/4	47,207	3/4	57,985	3/4	68,758	3/4	79,493	3/4	90,274	3/4	101,054
8	4,511	8	15,307	8	26,064	8	36,655	8	47,432	8	58,209	8	68,982	8	79,717	8	90,498	8	101,279
1/4	4,734	1/4	15,532	1/4	26,283	1/4	36,879	1/4	47,656	1/4	58,434	1/4	69,205	1/4	79,942	1/4	90,723	1/4	101,503
1/2	4,958	1/2	15,757	1/2	26,501	1/2	37,104	1/2	47,881	1/2	58,658	1/2	69,429	1/2	80,166	1/2	90,947	1/2	101,728
3/4	5,182	3/4	15,982	3/4	26,720	3/4	37,328	3/4	48,106	3/4	58,883	3/4	69,653	3/4	80,391	3/4	91,172	3/4	101,952
9	5,406	9	16,207	9	26,939	9	37,553	9	48,330	9	59,107	9	69,877	9	80,616	9	91,397	9	102,177
1/4	5,630	1/4	16,432	1/4	27,157	1/4	37,777	1/4	48,555	1/4	59,332	1/4	70,100	1/4	80,840	1/4	91,621	1/4	102,402
1/2	5,855	1/2	16,658	1/2	27,376	1/2	38,002	1/2	48,779	1/2	59,556	1/2	70,324	1/2	81,065	1/2	91,846	1/2	102,626
3/4	6,079	3/4	16,883	3/4	27,595	3/4	38,226	3/4	49,004	3/4	59,781	3/4	70,547	3/4	81,290	3/4	92,070	3/4	102,851
10	6,304	10	17,108	10	27,814	10	38,451	10	49,228	10	60,005	10	70,770	10	81,514	10	92,295	10	103,075
1/4	6,528	1/4	17,333	1/4	28,032	1/4	38,675	1/4	49,453	1/4	60,230	1/4	70,993	1/4	81,739	1/4	92,520	1/4	103,300
1/2	6,753	1/2	17,558	1/2	28,251	1/2	38,900	1/2	49,677	1/2	60,454	1/2	71,216	1/2	81,963	1/2	92,744	1/2	103,525
3/4	6,978	3/4	17,783	3/4	28,470	3/4	39,125	3/4	49,902	3/4	60,679	3/4	71,440	3/4	82,188	3/4	92,969	3/4	103,749
11	7,203	11	18,008	11	28,688	11	39,349	11	50,126	11	60,903	11	71,663	11	82,413	11	93,193	11	103,974
1/4	7,428	1/4	18,233	1/4	28,907	1/4	39,574	1/4	50,351	1/4	61,128	1/4	71,886	1/4	82,637	1/4	93,418	1/4	104,198
1/2	7,653	1/2	18,458	1/2	29,126	1/2	39,798	1/2	50,575	1/2	61,352	1/2	72,109	1/2	82,862	1/2	93,642	1/2	104,423
3/4	7,878	3/4	18,684	3/4	29,344	3/4	40,023	3/4	50,800	3/4	61,577	3/4	72,332	3/4	83,087	3/4	93,867	3/4	104,648

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 INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1372"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,872	0	114,988	0	124,462	0	133,894	0	143,310	0		0		0		0		0	
1/4	105,097	1/4	115,186	1/4	124,659	1/4	134,091	1/4	143,505	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,321	1/2	115,383	1/2	124,856	1/2	134,288	1/2	143,700	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,545	3/4	115,580	3/4	125,053	3/4	134,485	3/4	143,894	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,770	1	115,778	1	125,250	1	134,682	1	144,089	1	1	1	1	1	1	1	1	1	1
1/4	105,994	1/4	115,975	1/4	125,447	1/4	134,879	1/4	144,284	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,218	1/2	116,173	1/2	125,643	1/2	135,075	1/2	144,479	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,443	3/4	116,370	3/4	125,840	3/4	135,272	3/4	144,673	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,667	2	116,567	2	126,037	2	135,469	2	144,868	2	2	2	2	2	2	2	2	2	2
1/4	106,891	1/4	116,765	1/4	126,234	1/4	135,666	1/4	145,072	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,116	1/2	116,962	1/2	126,431	1/2	135,863	1/2	145,276	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,340	3/4	117,159	3/4	126,628	3/4	136,060	3/4	145,479	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,564	3	117,357	3	126,825	3	136,257	3	145,683	3	3	3	3	3	3	3	3	3	3
1/4	107,789	1/4	117,554	1/4	127,021	1/4	136,453	1/4	145,849	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,013	1/2	117,752	1/2	127,218	1/2	136,650	1/2	146,015	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,237	3/4	117,949	3/4	127,415	3/4	136,847	3/4	146,181	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,462	4	118,146	4	127,612	4	137,044	4	146,348	4	4	4	4	4	4	4	4	4	4
1/4	108,686	1/4	118,344	1/4	127,809	1/4	137,241	1/4	146,476	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,910	1/2	118,541	1/2	128,006	1/2	137,438	1/2	146,605	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,135	3/4	118,738	3/4	128,202	3/4	137,634	3/4	146,734	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,359	5	118,936	5	128,399	5	137,831	5	146,862	5	5	5	5	5	5	5	5	5	5
1/4	109,583	1/4	119,133	1/4	128,596	1/4	138,028	1/4	146,953	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,808	1/2	119,331	1/2	128,793	1/2	138,225	1/2	147,044	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,032	3/4	119,528	3/4	128,990	3/4	138,422	3/4	147,136	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,256	6	119,725	6	129,187	6	138,619	6	147,227	6	6	6	6	6	6	6	6	6	6
1/4	110,454	1/4	119,923	1/4	129,383	1/4	138,816	1/4	147,280	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,651	1/2	120,120	1/2	129,579	1/2	139,012	1/2	147,334	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,848	3/4	120,317	3/4	129,775	3/4	139,209	3/4	147,388	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	111,045	7	120,515	7	129,971	7	139,406	7	147,441	7	7	7	7	7	7	7	7	7	7
1/4	111,242	1/4	120,712	1/4	130,167	1/4	139,603	1/4	147,457	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,439	1/2	120,910	1/2	130,364	1/2	139,800	1/2	147,473	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,637	3/4	121,107	3/4	130,560	3/4	139,997	3/4	147,489	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,834	8	121,304	8	130,756	8	140,194	8	147,506	8	8	8	8	8	8	8	8	8	8
1/4	112,031	1/4	121,502	1/4	130,952	1/4	140,388	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,228	1/2	121,699	1/2	131,148	1/2	140,583	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,425	3/4	121,896	3/4	131,344	3/4	140,778	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,622	9	122,094	9	131,541	9	140,973	9		9	9	9	9	9	9	9	9	9	9
1/4	112,820	1/4	122,291	1/4	131,737	1/4	141,167	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,017	1/2	122,489	1/2	131,933	1/2	141,362	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,214	3/4	122,686	3/4	132,129	3/4	141,557	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,411	10	122,883	10	132,325	10	141,752	10		10	10	10	10	10	10	10	10	10	10
1/4	113,608	1/4	123,081	1/4	132,521	1/4	141,947	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,805	1/2	123,278	1/2	132,717	1/2	142,141	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,002	3/4	123,475	3/4	132,914	3/4	142,336	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,200	11	123,673	11	133,110	11	142,531	11		11	11	11	11	11	11	11	11	11	11
1/4	114,397	1/4	123,870	1/4	133,306	1/4	142,726	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,594	1/2	124,068	1/2	133,502	1/2	142,920	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,791	3/4	124,265	3/4	133,698	3/4	143,115	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: 02/05/2014 CL  
CALCULATED: 02/06/2014 CL  
PRINTED: 02/06/2014 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2014



# BARGE "CBC 1372"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,081	0	21,194	0	33,161	0	45,128	0	57,242	0	69,356	0	81,470	0	93,584	0	105,696
1/4	60	1/4	9,333	1/4	21,447	1/4	33,406	1/4	45,380	1/4	57,494	1/4	69,608	1/4	81,723	1/4	93,837	1/4	105,949
1/2	81	1/2	9,585	1/2	21,699	1/2	33,651	1/2	45,632	1/2	57,747	1/2	69,861	1/2	81,975	1/2	94,089	1/2	106,201
3/4	103	3/4	9,838	3/4	21,951	3/4	33,896	3/4	45,885	3/4	57,999	3/4	70,113	3/4	82,227	3/4	94,341	3/4	106,453
1	124	1	10,090	1	22,204	1	34,141	1	46,137	1	58,251	1	70,366	1	82,480	1	94,594	1	106,706
1/4	187	1/4	10,342	1/4	22,456	1/4	34,386	1/4	46,390	1/4	58,504	1/4	70,618	1/4	82,732	1/4	94,846	1/4	106,958
1/2	250	1/2	10,595	1/2	22,709	1/2	34,630	1/2	46,642	1/2	58,756	1/2	70,870	1/2	82,984	1/2	95,098	1/2	107,210
3/4	313	3/4	10,847	3/4	22,961	3/4	34,875	3/4	46,894	3/4	59,008	3/4	71,123	3/4	83,237	3/4	95,351	3/4	107,463
2	376	2	11,100	2	23,213	2	35,120	2	47,147	2	59,261	2	71,375	2	83,489	2	95,603	2	107,715
1/4	481	1/4	11,352	1/4	23,466	1/4	35,365	1/4	47,399	1/4	59,513	1/4	71,627	1/4	83,742	1/4	95,855	1/4	107,967
1/2	586	1/2	11,604	1/2	23,718	1/2	35,610	1/2	47,651	1/2	59,766	1/2	71,880	1/2	83,994	1/2	96,108	1/2	108,220
3/4	691	3/4	11,857	3/4	23,970	3/4	35,855	3/4	47,904	3/4	60,018	3/4	72,132	3/4	84,246	3/4	96,360	3/4	108,472
3	796	3	12,109	3	24,223	3	36,100	3	48,156	3	60,270	3	72,385	3	84,499	3	96,612	3	108,724
1/4	944	1/4	12,361	1/4	24,475	1/4	36,345	1/4	48,409	1/4	60,523	1/4	72,637	1/4	84,751	1/4	96,865	1/4	108,977
1/2	1,091	1/2	12,614	1/2	24,727	1/2	36,590	1/2	48,661	1/2	60,775	1/2	72,889	1/2	85,004	1/2	97,117	1/2	109,229
3/4	1,238	3/4	12,866	3/4	24,980	3/4	36,835	3/4	48,913	3/4	61,028	3/4	73,142	3/4	85,256	3/4	97,369	3/4	109,482
4	1,385	4	13,118	4	25,232	4	37,080	4	49,166	4	61,280	4	73,394	4	85,508	4	97,622	4	109,734
1/4	1,575	1/4	13,371	1/4	25,485	1/4	37,325	1/4	49,418	1/4	61,532	1/4	73,646	1/4	85,761	1/4	97,874	1/4	109,986
1/2	1,764	1/2	13,623	1/2	25,737	1/2	37,570	1/2	49,670	1/2	61,785	1/2	73,899	1/2	86,013	1/2	98,126	1/2	110,239
3/4	1,953	3/4	13,876	3/4	25,989	3/4	37,816	3/4	49,923	3/4	62,037	3/4	74,151	3/4	86,265	3/4	98,379	3/4	110,491
5	2,142	5	14,128	5	26,242	5	38,061	5	50,175	5	62,289	5	74,404	5	86,518	5	98,631	5	110,743
1/4	2,373	1/4	14,380	1/4	26,494	1/4	38,313	1/4	50,428	1/4	62,542	1/4	74,656	1/4	86,770	1/4	98,883	1/4	110,996
1/2	2,604	1/2	14,633	1/2	26,746	1/2	38,566	1/2	50,680	1/2	62,794	1/2	74,908	1/2	87,023	1/2	99,136	1/2	111,248
3/4	2,834	3/4	14,885	3/4	26,999	3/4	38,818	3/4	50,932	3/4	63,047	3/4	75,161	3/4	87,275	3/4	99,388	3/4	111,500
6	3,065	6	15,137	6	27,251	6	39,071	6	51,185	6	63,299	6	75,413	6	87,527	6	99,640	6	111,753
1/4	3,312	1/4	15,390	1/4	27,504	1/4	39,323	1/4	51,437	1/4	63,551	1/4	75,665	1/4	87,780	1/4	99,893	1/4	112,005
1/2	3,560	1/2	15,642	1/2	27,756	1/2	39,575	1/2	51,689	1/2	63,804	1/2	75,918	1/2	88,032	1/2	100,145	1/2	112,257
3/4	3,807	3/4	15,895	3/4	28,008	3/4	39,828	3/4	51,942	3/4	64,056	3/4	76,170	3/4	88,284	3/4	100,397	3/4	112,510
7	4,054	7	16,147	7	28,261	7	40,080	7	52,194	7	64,308	7	76,423	7	88,537	7	100,650	7	112,762
1/4	4,304	1/4	16,399	1/4	28,506	1/4	40,332	1/4	52,447	1/4	64,561	1/4	76,675	1/4	88,789	1/4	100,902	1/4	113,014
1/2	4,554	1/2	16,652	1/2	28,751	1/2	40,585	1/2	52,699	1/2	64,813	1/2	76,927	1/2	89,042	1/2	101,154	1/2	113,267
3/4	4,803	3/4	16,904	3/4	28,997	3/4	40,837	3/4	52,951	3/4	65,066	3/4	77,180	3/4	89,294	3/4	101,407	3/4	113,519
8	5,053	8	17,156	8	29,242	8	41,090	8	53,204	8	65,318	8	77,432	8	89,546	8	101,659	8	113,771
1/4	5,303	1/4	17,409	1/4	29,487	1/4	41,342	1/4	53,456	1/4	65,570	1/4	77,685	1/4	89,799	1/4	101,911	1/4	114,024
1/2	5,554	1/2	17,661	1/2	29,732	1/2	41,594	1/2	53,709	1/2	65,823	1/2	77,937	1/2	90,051	1/2	102,164	1/2	114,276
3/4	5,805	3/4	17,914	3/4	29,977	3/4	41,847	3/4	53,961	3/4	66,075	3/4	78,189	3/4	90,303	3/4	102,416	3/4	114,528
9	6,056	9	18,166	9	30,222	9	42,099	9	54,213	9	66,327	9	78,442	9	90,556	9	102,668	9	114,781
1/4	6,308	1/4	18,418	1/4	30,467	1/4	42,351	1/4	54,466	1/4	66,580	1/4	78,694	1/4	90,808	1/4	102,921	1/4	115,033
1/2	6,559	1/2	18,671	1/2	30,711	1/2	42,604	1/2	54,718	1/2	66,832	1/2	78,946	1/2	91,061	1/2	103,173	1/2	115,285
3/4	6,811	3/4	18,923	3/4	30,956	3/4	42,856	3/4	54,970	3/4	67,085	3/4	79,199	3/4	91,313	3/4	103,425	3/4	115,538
10	7,063	10	19,175	10	31,201	10	43,109	10	55,223	10	67,337	10	79,451	10	91,565	10	103,678	10	115,790
1/4	7,315	1/4	19,428	1/4	31,446	1/4	43,361	1/4	55,475	1/4	67,589	1/4	79,704	1/4	91,818	1/4	103,930	1/4	116,042
1/2	7,567	1/2	19,680	1/2	31,691	1/2	43,613	1/2	55,728	1/2	67,842	1/2	79,956	1/2	92,070	1/2	104,182	1/2	116,295
3/4	7,819	3/4	19,932	3/4	31,936	3/4	43,866	3/4	55,980	3/4	68,094	3/4	80,208	3/4	92,322	3/4	104,435	3/4	116,547
11	8,071	11	20,185	11	32,181	11	44,118	11	56,232	11	68,346	11	80,461	11	92,575	11	104,687	11	116,799
1/4	8,324	1/4	20,437	1/4	32,426	1/4	44,371	1/4	56,485	1/4	68,599	1/4	80,713	1/4	92,827	1/4	104,939	1/4	117,052
1/2	8,576	1/2	20,690	1/2	32,671	1/2	44,623	1/2	56,737	1/2	68,851	1/2	80,965	1/2	93,080	1/2	105,192	1/2	117,304
3/4	8,828	3/4	20,942	3/4	32,916	3/4	44,875	3/4	56,989	3/4	69,104	3/4	81,218	3/4	93,332	3/4	105,444	3/4	117,556

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

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# BARGE "CBC 1372"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,809	0	129,921	0	142,033	0	154,078	0	166,085	0		0		0		0		0	
1/4	118,061	1/4	130,173	1/4	142,284	1/4	154,328	1/4	166,334	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,313	1/2	130,425	1/2	142,535	1/2	154,579	1/2	166,582	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,566	3/4	130,678	3/4	142,786	3/4	154,830	3/4	166,831	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,818	1	130,930	1	143,036	1	155,081	1	167,080	1	1	1	1	1	1	1	1	1	1
1/4	119,070	1/4	131,182	1/4	143,287	1/4	155,332	1/4	167,328	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,323	1/2	131,435	1/2	143,538	1/2	155,583	1/2	167,577	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,575	3/4	131,687	3/4	143,789	3/4	155,834	3/4	167,825	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,827	2	131,939	2	144,040	2	156,085	2	168,074	2	2	2	2	2	2	2	2	2	2
1/4	120,080	1/4	132,192	1/4	144,291	1/4	156,336	1/4	168,302	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,332	1/2	132,444	1/2	144,542	1/2	156,587	1/2	168,529	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,584	3/4	132,696	3/4	144,793	3/4	156,838	3/4	168,757	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,837	3	132,949	3	145,044	3	157,089	3	168,984	3	3	3	3	3	3	3	3	3	3
1/4	121,089	1/4	133,201	1/4	145,295	1/4	157,340	1/4	169,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,341	1/2	133,453	1/2	145,546	1/2	157,591	1/2	169,355	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,594	3/4	133,706	3/4	145,797	3/4	157,841	3/4	169,541	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,846	4	133,958	4	146,048	4	158,092	4	169,726	4	4	4	4	4	4	4	4	4	4
1/4	122,098	1/4	134,210	1/4	146,299	1/4	158,343	1/4	169,870	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,351	1/2	134,463	1/2	146,550	1/2	158,594	1/2	170,013	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,603	3/4	134,715	3/4	146,800	3/4	158,845	3/4	170,157	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,855	5	134,967	5	147,051	5	159,096	5	170,300	5	5	5	5	5	5	5	5	5	5
1/4	123,108	1/4	135,220	1/4	147,302	1/4	159,347	1/4	170,402	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,360	1/2	135,472	1/2	147,553	1/2	159,598	1/2	170,503	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,612	3/4	135,724	3/4	147,804	3/4	159,849	3/4	170,604	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,865	6	135,977	6	148,055	6	160,100	6	170,706	6	6	6	6	6	6	6	6	6	6
1/4	124,117	1/4	136,229	1/4	148,306	1/4	160,351	1/4	170,765	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,369	1/2	136,481	1/2	148,557	1/2	160,602	1/2	170,825	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,622	3/4	136,734	3/4	148,808	3/4	160,853	3/4	170,884	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,874	7	136,986	7	149,059	7	161,104	7	170,943	7	7	7	7	7	7	7	7	7	7
1/4	125,126	1/4	137,238	1/4	149,310	1/4	161,355	1/4	170,960	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,379	1/2	137,491	1/2	149,561	1/2	161,605	1/2	170,978	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,631	3/4	137,743	3/4	149,812	3/4	161,856	3/4	170,995	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,883	8	137,995	8	150,063	8	162,107	8	171,012	8	8	8	8	8	8	8	8	8	8
1/4	126,136	1/4	138,248	1/4	150,314	1/4	162,356	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,388	1/2	138,500	1/2	150,564	1/2	162,605	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,640	3/4	138,752	3/4	150,815	3/4	162,853	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,893	9	139,005	9	151,066	9	163,102	9		9	9	9	9	9	9	9	9	9	9
1/4	127,145	1/4	139,257	1/4	151,317	1/4	163,350	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,397	1/2	139,509	1/2	151,568	1/2	163,599	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,650	3/4	139,762	3/4	151,819	3/4	163,848	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,902	10	140,014	10	152,070	10	164,096	10		10	10	10	10	10	10	10	10	10	10
1/4	128,154	1/4	140,266	1/4	152,321	1/4	164,345	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,407	1/2	140,519	1/2	152,572	1/2	164,593	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,659	3/4	140,771	3/4	152,823	3/4	164,842	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,911	11	141,023	11	153,074	11	165,091	11		11	11	11	11	11	11	11	11	11	11
1/4	129,164	1/4	141,276	1/4	153,325	1/4	165,339	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,416	1/2	141,528	1/2	153,576	1/2	165,588	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,668	3/4	141,780	3/4	153,827	3/4	165,837	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: 02/05/2014 CL  
CALCULATED: 02/06/2014 CL  
PRINTED: 02/06/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1372"

## 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	39	0	8,063	0	18,813	0	29,550	0	40,289	0	51,040	0	61,791	0	72,542	0	83,292	0	94,041
1/4	58	1/4	8,287	1/4	19,037	1/4	29,773	1/4	40,513	1/4	51,264	1/4	62,015	1/4	72,766	1/4	83,516	1/4	94,265
1/2	77	1/2	8,511	1/2	19,261	1/2	29,996	1/2	40,737	1/2	51,488	1/2	62,239	1/2	72,990	1/2	83,740	1/2	94,489
3/4	95	3/4	8,735	3/4	19,485	3/4	30,219	3/4	40,961	3/4	51,712	3/4	62,463	3/4	73,213	3/4	83,964	3/4	94,713
1	114	1	8,959	1	19,709	1	30,443	1	41,185	1	51,936	1	62,687	1	73,437	1	84,188	1	94,937
1/4	170	1/4	9,183	1/4	19,933	1/4	30,666	1/4	41,409	1/4	52,160	1/4	62,911	1/4	73,661	1/4	84,412	1/4	95,161
1/2	226	1/2	9,407	1/2	20,157	1/2	30,889	1/2	41,633	1/2	52,384	1/2	63,135	1/2	73,885	1/2	84,636	1/2	95,385
3/4	282	3/4	9,631	3/4	20,381	3/4	31,112	3/4	41,857	3/4	52,608	3/4	63,359	3/4	74,109	3/4	84,860	3/4	95,609
2	338	2	9,855	2	20,605	2	31,336	2	42,081	2	52,832	2	63,583	2	74,333	2	85,084	2	95,833
1/4	431	1/4	10,079	1/4	20,829	1/4	31,559	1/4	42,305	1/4	53,056	1/4	63,806	1/4	74,557	1/4	85,308	1/4	96,057
1/2	525	1/2	10,303	1/2	21,053	1/2	31,782	1/2	42,529	1/2	53,280	1/2	64,030	1/2	74,781	1/2	85,532	1/2	96,281
3/4	618	3/4	10,527	3/4	21,277	3/4	32,005	3/4	42,753	3/4	53,504	3/4	64,254	3/4	75,005	3/4	85,756	3/4	96,505
3	711	3	10,751	3	21,501	3	32,229	3	42,977	3	53,728	3	64,478	3	75,229	3	85,980	3	96,729
1/4	842	1/4	10,975	1/4	21,725	1/4	32,452	1/4	43,201	1/4	53,952	1/4	64,702	1/4	75,453	1/4	86,204	1/4	96,953
1/2	973	1/2	11,199	1/2	21,949	1/2	32,675	1/2	43,425	1/2	54,176	1/2	64,926	1/2	75,677	1/2	86,428	1/2	97,177
3/4	1,103	3/4	11,423	3/4	22,173	3/4	32,899	3/4	43,649	3/4	54,399	3/4	65,150	3/4	75,901	3/4	86,651	3/4	97,401
4	1,234	4	11,647	4	22,397	4	33,122	4	43,873	4	54,623	4	65,374	4	76,125	4	86,875	4	97,624
1/4	1,402	1/4	11,870	1/4	22,621	1/4	33,346	1/4	44,097	1/4	54,847	1/4	65,598	1/4	76,349	1/4	87,099	1/4	97,848
1/2	1,570	1/2	12,094	1/2	22,845	1/2	33,570	1/2	44,321	1/2	55,071	1/2	65,822	1/2	76,573	1/2	87,323	1/2	98,072
3/4	1,738	3/4	12,318	3/4	23,069	3/4	33,794	3/4	44,545	3/4	55,295	3/4	66,046	3/4	76,797	3/4	87,547	3/4	98,296
5	1,906	5	12,542	5	23,293	5	34,018	5	44,769	5	55,519	5	66,270	5	77,021	5	87,771	5	98,520
1/4	2,110	1/4	12,766	1/4	23,517	1/4	34,242	1/4	44,992	1/4	55,743	1/4	66,494	1/4	77,245	1/4	87,995	1/4	98,744
1/2	2,315	1/2	12,990	1/2	23,741	1/2	34,466	1/2	45,216	1/2	55,967	1/2	66,718	1/2	77,469	1/2	88,219	1/2	98,968
3/4	2,520	3/4	13,214	3/4	23,965	3/4	34,690	3/4	45,440	3/4	56,191	3/4	66,942	3/4	77,693	3/4	88,443	3/4	99,192
6	2,725	6	13,438	6	24,189	6	34,914	6	45,664	6	56,415	6	67,166	6	77,917	6	88,667	6	99,416
1/4	2,944	1/4	13,662	1/4	24,412	1/4	35,138	1/4	45,888	1/4	56,639	1/4	67,390	1/4	78,141	1/4	88,891	1/4	99,640
1/2	3,164	1/2	13,886	1/2	24,636	1/2	35,362	1/2	46,112	1/2	56,863	1/2	67,614	1/2	78,365	1/2	89,115	1/2	99,864
3/4	3,383	3/4	14,110	3/4	24,859	3/4	35,586	3/4	46,336	3/4	57,087	3/4	67,838	3/4	78,589	3/4	89,339	3/4	100,088
7	3,603	7	14,334	7	25,083	7	35,809	7	46,560	7	57,311	7	68,062	7	78,813	7	89,563	7	100,312
1/4	3,824	1/4	14,558	1/4	25,307	1/4	36,033	1/4	46,784	1/4	57,535	1/4	68,286	1/4	79,037	1/4	89,787	1/4	100,536
1/2	4,046	1/2	14,782	1/2	25,530	1/2	36,257	1/2	47,008	1/2	57,759	1/2	68,510	1/2	79,261	1/2	90,011	1/2	100,760
3/4	4,267	3/4	15,006	3/4	25,754	3/4	36,481	3/4	47,232	3/4	57,983	3/4	68,734	3/4	79,485	3/4	90,235	3/4	100,984
8	4,488	8	15,230	8	25,978	8	36,705	8	47,456	8	58,207	8	68,958	8	79,709	8	90,458	8	101,207
1/4	4,711	1/4	15,454	1/4	26,201	1/4	36,929	1/4	47,680	1/4	58,431	1/4	69,182	1/4	79,933	1/4	90,682	1/4	101,431
1/2	4,934	1/2	15,678	1/2	26,424	1/2	37,153	1/2	47,904	1/2	58,655	1/2	69,406	1/2	80,157	1/2	90,906	1/2	101,655
3/4	5,156	3/4	15,902	3/4	26,647	3/4	37,377	3/4	48,128	3/4	58,879	3/4	69,630	3/4	80,381	3/4	91,130	3/4	101,879
9	5,379	9	16,126	9	26,871	9	37,601	9	48,352	9	59,103	9	69,854	9	80,605	9	91,354	9	102,103
1/4	5,602	1/4	16,350	1/4	27,094	1/4	37,825	1/4	48,576	1/4	59,327	1/4	70,078	1/4	80,829	1/4	91,578	1/4	102,327
1/2	5,826	1/2	16,574	1/2	27,317	1/2	38,049	1/2	48,800	1/2	59,551	1/2	70,302	1/2	81,053	1/2	91,802	1/2	102,551
3/4	6,049	3/4	16,798	3/4	27,540	3/4	38,273	3/4	49,024	3/4	59,775	3/4	70,526	3/4	81,277	3/4	92,026	3/4	102,775
10	6,272	10	17,022	10	27,764	10	38,497	10	49,248	10	59,999	10	70,750	10	81,501	10	92,250	10	102,999
1/4	6,496	1/4	17,246	1/4	27,987	1/4	38,721	1/4	49,472	1/4	60,223	1/4	70,974	1/4	81,725	1/4	92,474	1/4	103,223
1/2	6,720	1/2	17,470	1/2	28,210	1/2	38,945	1/2	49,696	1/2	60,447	1/2	71,198	1/2	81,949	1/2	92,698	1/2	103,447
3/4	6,943	3/4	17,694	3/4	28,433	3/4	39,169	3/4	49,920	3/4	60,671	3/4	71,422	3/4	82,173	3/4	92,922	3/4	103,671
11	7,167	11	17,918	11	28,657	11	39,393	11	50,144	11	60,895	11	71,646	11	82,397	11	93,146	11	103,895
1/4	7,391	1/4	18,142	1/4	28,880	1/4	39,617	1/4	50,368	1/4	61,119	1/4	71,870	1/4	82,620	1/4	93,370	1/4	104,119
1/2	7,615	1/2	18,366	1/2	29,103	1/2	39,841	1/2	50,592	1/2	61,343	1/2	72,094	1/2	82,844	1/2	93,594	1/2	104,343
3/4	7,839	3/4	18,589	3/4	29,326	3/4	40,065	3/4	50,816	3/4	61,567	3/4	72,318	3/4	83,068	3/4	93,818	3/4	104,567

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  
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Pearland, Texas 77588

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# BARGE "CBC 1372"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,790	0	115,540	0	126,289	0	136,979	0	147,636	0		0		0		0		0	
1/4	105,014	1/4	115,763	1/4	126,511	1/4	137,201	1/4	147,856	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,238	1/2	115,987	1/2	126,734	1/2	137,424	1/2	148,077	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,462	3/4	116,211	3/4	126,957	3/4	137,647	3/4	148,298	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,686	1	116,435	1	127,179	1	137,870	1	148,518	1	1	1	1	1	1	1	1	1	1
1/4	105,910	1/4	116,659	1/4	127,402	1/4	138,092	1/4	148,739	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,134	1/2	116,883	1/2	127,625	1/2	138,315	1/2	148,960	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,358	3/4	117,107	3/4	127,848	3/4	138,538	3/4	149,180	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,582	2	117,331	2	128,070	2	138,760	2	149,401	2	2	2	2	2	2	2	2	2	2
1/4	106,806	1/4	117,555	1/4	128,293	1/4	138,983	1/4	149,603	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,030	1/2	117,779	1/2	128,516	1/2	139,206	1/2	149,805	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,254	3/4	118,003	3/4	128,738	3/4	139,428	3/4	150,007	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,478	3	118,227	3	128,961	3	139,651	3	150,209	3	3	3	3	3	3	3	3	3	3
1/4	107,702	1/4	118,451	1/4	129,184	1/4	139,874	1/4	150,374	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,926	1/2	118,675	1/2	129,407	1/2	140,097	1/2	150,538	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,150	3/4	118,899	3/4	129,629	3/4	140,319	3/4	150,703	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,374	4	119,123	4	129,852	4	140,542	4	150,868	4	4	4	4	4	4	4	4	4	4
1/4	108,597	1/4	119,346	1/4	130,075	1/4	140,765	1/4	150,995	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,821	1/2	119,570	1/2	130,297	1/2	140,987	1/2	151,122	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,045	3/4	119,794	3/4	130,520	3/4	141,210	3/4	151,250	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,269	5	120,018	5	130,743	5	141,433	5	151,377	5	5	5	5	5	5	5	5	5	5
1/4	109,493	1/4	120,242	1/4	130,965	1/4	141,656	1/4	151,467	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,717	1/2	120,466	1/2	131,188	1/2	141,878	1/2	151,557	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,941	3/4	120,690	3/4	131,411	3/4	142,101	3/4	151,647	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,165	6	120,914	6	131,634	6	142,324	6	151,737	6	6	6	6	6	6	6	6	6	6
1/4	110,389	1/4	121,138	1/4	131,856	1/4	142,546	1/4	151,790	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,613	1/2	121,362	1/2	132,079	1/2	142,769	1/2	151,842	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,837	3/4	121,586	3/4	132,302	3/4	142,992	3/4	151,895	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	111,061	7	121,810	7	132,524	7	143,215	7	151,948	7	7	7	7	7	7	7	7	7	7
1/4	111,285	1/4	122,034	1/4	132,747	1/4	143,437	1/4	151,963	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,509	1/2	122,258	1/2	132,970	1/2	143,660	1/2	151,978	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,733	3/4	122,482	3/4	133,193	3/4	143,883	3/4	151,994	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,957	8	122,706	8	133,415	8	144,105	8	152,009	8	8	8	8	8	8	8	8	8	8
1/4	112,180	1/4	122,929	1/4	133,638	1/4	144,326	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,404	1/2	123,153	1/2	133,861	1/2	144,547	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,628	3/4	123,377	3/4	134,083	3/4	144,767	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,852	9	123,601	9	134,306	9	144,988	9		9	9	9	9	9	9	9	9	9	9
1/4	113,076	1/4	123,825	1/4	134,529	1/4	145,209	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,300	1/2	124,049	1/2	134,752	1/2	145,429	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,524	3/4	124,273	3/4	134,974	3/4	145,650	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,748	10	124,497	10	135,197	10	145,871	10		10	10	10	10	10	10	10	10	10	10
1/4	113,972	1/4	124,721	1/4	135,420	1/4	146,091	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,196	1/2	124,945	1/2	135,642	1/2	146,312	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,420	3/4	125,169	3/4	135,865	3/4	146,533	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,644	11	125,393	11	136,088	11	146,753	11		11	11	11	11	11	11	11	11	11	11
1/4	114,868	1/4	125,617	1/4	136,311	1/4	146,974	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,092	1/2	125,841	1/2	136,533	1/2	147,195	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,316	3/4	126,065	3/4	136,756	3/4	147,415	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: 02/05/2014 CL  
CALCULATED: 02/06/2014 CL  
PRINTED: 02/06/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2014

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



# BARGE "CBC 1372"

## ULLAGE TRIM TABLE

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

February 6, 2014

PRECISION MEASUREMENT  
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Pearland, Texas 77588

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# BARGE "CBC 1372"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	140,973	0	131,541	0	122,094	0	112,622	0	102,177	0	91,397	0	80,616
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,778	1/4	131,344	1/4	121,896	1/4	112,425	1/4	101,952	1/4	91,172	1/4	80,391
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,583	1/2	131,148	1/2	121,699	1/2	112,228	1/2	101,728	1/2	90,947	1/2	80,166
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,388	3/4	130,952	3/4	121,502	3/4	112,031	3/4	101,503	3/4	90,723	3/4	79,942
1		1		1	147,506	1	140,194	1	130,756	1	121,304	1	111,834	1	101,279	1	90,498	1	79,717
1/4	1/4	1/4	1/4	1/4	147,489	1/4	139,997	1/4	130,560	1/4	121,107	1/4	111,637	1/4	101,054	1/4	90,274	1/4	79,493
1/2	1/2	1/2	1/2	1/2	147,473	1/2	139,800	1/2	130,364	1/2	120,910	1/2	111,439	1/2	100,829	1/2	90,049	1/2	79,268
3/4	3/4	3/4	3/4	3/4	147,457	3/4	139,603	3/4	130,167	3/4	120,712	3/4	111,242	3/4	100,605	3/4	89,824	3/4	79,043
2		2		2	147,441	2	139,406	2	129,971	2	120,515	2	111,045	2	100,380	2	89,600	2	78,819
1/4	1/4	1/4	1/4	1/4	147,388	1/4	139,209	1/4	129,775	1/4	120,317	1/4	110,848	1/4	100,156	1/4	89,375	1/4	78,594
1/2	1/2	1/2	1/2	1/2	147,334	1/2	139,012	1/2	129,579	1/2	120,120	1/2	110,651	1/2	99,931	1/2	89,151	1/2	78,369
3/4	3/4	3/4	3/4	3/4	147,280	3/4	138,816	3/4	129,383	3/4	119,923	3/4	110,454	3/4	99,707	3/4	88,926	3/4	78,145
3		3		3	147,227	3	138,619	3	129,187	3	119,725	3	110,256	3	99,482	3	88,701	3	77,920
1/4	1/4	1/4	1/4	1/4	147,136	1/4	138,422	1/4	128,990	1/4	119,528	1/4	110,032	1/4	99,257	1/4	88,477	1/4	77,696
1/2	1/2	1/2	1/2	1/2	147,044	1/2	138,225	1/2	128,793	1/2	119,331	1/2	109,808	1/2	99,033	1/2	88,252	1/2	77,471
3/4	3/4	3/4	3/4	3/4	146,953	3/4	138,028	3/4	128,596	3/4	119,133	3/4	109,583	3/4	98,808	3/4	88,028	3/4	77,246
4		4		4	146,862	4	137,831	4	128,399	4	118,936	4	109,359	4	98,584	4	87,803	4	77,022
1/4	1/4	1/4	1/4	1/4	146,734	1/4	137,634	1/4	128,202	1/4	118,738	1/4	109,135	1/4	98,359	1/4	87,578	1/4	76,798
1/2	1/2	1/2	1/2	1/2	146,605	1/2	137,438	1/2	128,006	1/2	118,541	1/2	108,910	1/2	98,134	1/2	87,354	1/2	76,574
3/4	3/4	3/4	3/4	3/4	146,476	3/4	137,241	3/4	127,809	3/4	118,344	3/4	108,686	3/4	97,910	3/4	87,129	3/4	76,350
5		5		5	146,348	5	137,044	5	127,612	5	118,146	5	108,462	5	97,685	5	86,905	5	76,126
1/4	1/4	1/4	1/4	1/4	146,181	1/4	136,847	1/4	127,415	1/4	117,949	1/4	108,237	1/4	97,461	1/4	86,680	1/4	75,903
1/2	1/2	1/2	1/2	1/2	146,015	1/2	136,650	1/2	127,218	1/2	117,752	1/2	108,013	1/2	97,236	1/2	86,455	1/2	75,680
3/4	3/4	3/4	3/4	3/4	145,849	3/4	136,453	3/4	127,021	3/4	117,554	3/4	107,789	3/4	97,011	3/4	86,231	3/4	75,457
6		6		6	145,683	6	136,257	6	126,825	6	117,357	6	107,564	6	96,787	6	86,006	6	75,233
1/4	1/4	1/4	1/4	1/4	145,479	1/4	136,060	1/4	126,628	1/4	117,159	1/4	107,340	1/4	96,562	1/4	85,782	1/4	75,010
1/2	1/2	1/2	1/2	1/2	145,276	1/2	135,863	1/2	126,431	1/2	116,962	1/2	107,116	1/2	96,338	1/2	85,557	1/2	74,787
3/4	3/4	3/4	3/4	3/4	145,072	3/4	135,666	3/4	126,234	3/4	116,765	3/4	106,891	3/4	96,113	3/4	85,333	3/4	74,564
7		7		7	144,868	7	135,469	7	126,037	7	116,567	7	106,667	7	95,888	7	85,108	7	74,341
1/4	1/4	1/4	1/4	1/4	144,673	1/4	135,272	1/4	125,840	1/4	116,370	1/4	106,443	1/4	95,664	1/4	84,883	1/4	74,118
1/2	1/2	1/2	1/2	1/2	144,479	1/2	135,075	1/2	125,643	1/2	116,173	1/2	106,218	1/2	95,439	1/2	84,659	1/2	73,894
3/4	3/4	3/4	3/4	3/4	144,284	3/4	134,879	3/4	125,447	3/4	115,975	3/4	105,994	3/4	95,215	3/4	84,434	3/4	73,671
8		8		8	144,089	8	134,682	8	125,250	8	115,778	8	105,770	8	94,990	8	84,210	8	73,448
1/4	1/4	1/4	1/4	1/4	143,894	1/4	134,485	1/4	125,053	1/4	115,580	1/4	105,545	1/4	94,765	1/4	83,985	1/4	73,225
1/2	1/2	1/2	1/2	1/2	143,700	1/2	134,288	1/2	124,856	1/2	115,383	1/2	105,321	1/2	94,541	1/2	83,760	1/2	73,002
3/4	3/4	3/4	3/4	3/4	143,505	3/4	134,091	3/4	124,659	3/4	115,186	3/4	105,097	3/4	94,316	3/4	83,536	3/4	72,779
9		9		9	143,310	9	133,894	9	124,462	9	114,988	9	104,872	9	94,092	9	83,311	9	72,555
1/4	1/4	1/4	1/4	1/4	143,115	1/4	133,698	1/4	124,265	1/4	114,791	1/4	104,648	1/4	93,867	1/4	83,087	1/4	72,332
1/2	1/2	1/2	1/2	1/2	142,920	1/2	133,502	1/2	124,068	1/2	114,594	1/2	104,423	1/2	93,642	1/2	82,862	1/2	72,109
3/4	3/4	3/4	3/4	3/4	142,726	3/4	133,306	3/4	123,870	3/4	114,397	3/4	104,198	3/4	93,418	3/4	82,637	3/4	71,886
10		10		10	142,531	10	133,110	10	123,673	10	114,200	10	103,974	10	93,193	10	82,413	10	71,663
1/4	1/4	1/4	1/4	1/4	142,336	1/4	132,914	1/4	123,475	1/4	114,002	1/4	103,749	1/4	92,969	1/4	82,188	1/4	71,440
1/2	1/2	1/2	1/2	1/2	142,141	1/2	132,717	1/2	123,278	1/2	113,805	1/2	103,525	1/2	92,744	1/2	81,963	1/2	71,216
3/4	3/4	3/4	3/4	3/4	141,947	3/4	132,521	3/4	123,081	3/4	113,608	3/4	103,300	3/4	92,520	3/4	81,739	3/4	70,993
11		11		11	141,752	11	132,325	11	122,883	11	113,411	11	103,075	11	92,295	11	81,514	11	70,770
1/4	1/4	1/4	1/4	1/4	141,557	1/4	132,129	1/4	122,686	1/4	113,214	1/4	102,851	1/4	92,070	1/4	81,290	1/4	70,547
1/2	1/2	1/2	1/2	1/2	141,362	1/2	131,933	1/2	122,489	1/2	113,017	1/2	102,626	1/2	91,846	1/2	81,065	1/2	70,324
3/4	3/4	3/4	3/4	3/4	141,167	3/4	131,737	3/4	122,291	3/4	112,820	3/4	102,402	3/4	91,621	3/4	80,840	3/4	70,100

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1372"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	69,877	0	59,107	0	48,330	0	37,553	0	26,939	0	16,207	0	5,406	0		0		0	
1/4	69,653	1/4	58,883	1/4	48,106	1/4	37,328	1/4	26,720	1/4	15,982	1/4	5,182	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,429	1/2	58,658	1/2	47,881	1/2	37,104	1/2	26,501	1/2	15,757	1/2	4,958	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,205	3/4	58,434	3/4	47,656	3/4	36,879	3/4	26,283	3/4	15,532	3/4	4,734	3/4	3/4	3/4	3/4	3/4	3/4
1	68,982	1	58,209	1	47,432	1	36,655	1	26,064	1	15,307	1	4,511	1	1	1	1	1	1
1/4	68,758	1/4	57,985	1/4	47,207	1/4	36,430	1/4	25,845	1/4	15,082	1/4	4,288	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,534	1/2	57,760	1/2	46,983	1/2	36,206	1/2	25,626	1/2	14,857	1/2	4,066	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,310	3/4	57,536	3/4	46,758	3/4	35,981	3/4	25,407	3/4	14,632	3/4	3,843	3/4	3/4	3/4	3/4	3/4	3/4
2	68,086	2	57,311	2	46,534	2	35,757	2	25,188	2	14,406	2	3,620	2	2	2	2	2	2
1/4	67,862	1/4	57,086	1/4	46,309	1/4	35,532	1/4	24,968	1/4	14,181	1/4	3,400	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,638	1/2	56,862	1/2	46,085	1/2	35,308	1/2	24,749	1/2	13,956	1/2	3,179	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,414	3/4	56,637	3/4	45,860	3/4	35,083	3/4	24,530	3/4	13,731	3/4	2,958	3/4	3/4	3/4	3/4	3/4	3/4
3	67,190	3	56,413	3	45,636	3	34,859	3	24,311	3	13,506	3	2,738	3	3	3	3	3	3
1/4	66,966	1/4	56,188	1/4	45,411	1/4	34,634	1/4	24,086	1/4	13,281	1/4	2,532	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,741	1/2	55,964	1/2	45,187	1/2	34,410	1/2	23,861	1/2	13,056	1/2	2,326	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,516	3/4	55,739	3/4	44,962	3/4	34,185	3/4	23,636	3/4	12,831	3/4	2,121	3/4	3/4	3/4	3/4	3/4	3/4
4	66,292	4	55,515	4	44,738	4	33,960	4	23,411	4	12,606	4	1,915	4	4	4	4	4	4
1/4	66,067	1/4	55,290	1/4	44,513	1/4	33,736	1/4	23,186	1/4	12,381	1/4	1,746	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,843	1/2	55,066	1/2	44,289	1/2	33,511	1/2	22,961	1/2	12,155	1/2	1,577	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,618	3/4	54,841	3/4	44,064	3/4	33,287	3/4	22,735	3/4	11,930	3/4	1,409	3/4	3/4	3/4	3/4	3/4	3/4
5	65,394	5	54,617	5	43,840	5	33,062	5	22,510	5	11,705	5	1,240	5	5	5	5	5	5
1/4	65,169	1/4	54,392	1/4	43,615	1/4	32,844	1/4	22,285	1/4	11,480	1/4	1,109	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,945	1/2	54,168	1/2	43,390	1/2	32,625	1/2	22,060	1/2	11,255	1/2	977	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,720	3/4	53,943	3/4	43,166	3/4	32,406	3/4	21,835	3/4	11,030	3/4	846	3/4	3/4	3/4	3/4	3/4	3/4
6	64,496	6	53,719	6	42,941	6	32,188	6	21,610	6	10,805	6	715	6	6	6	6	6	6
1/4	64,271	1/4	53,494	1/4	42,717	1/4	31,969	1/4	21,385	1/4	10,580	1/4	621	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,047	1/2	53,270	1/2	42,492	1/2	31,750	1/2	21,160	1/2	10,355	1/2	527	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,822	3/4	53,045	3/4	42,268	3/4	31,531	3/4	20,935	3/4	10,129	3/4	433	3/4	3/4	3/4	3/4	3/4	3/4
7	63,598	7	52,821	7	42,043	7	31,313	7	20,709	7	9,904	7	340	7	7	7	7	7	7
1/4	63,373	1/4	52,596	1/4	41,819	1/4	31,094	1/4	20,484	1/4	9,679	1/4	283	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,149	1/2	52,371	1/2	41,594	1/2	30,875	1/2	20,259	1/2	9,454	1/2	227	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,924	3/4	52,147	3/4	41,370	3/4	30,657	3/4	20,034	3/4	9,229	3/4	171	3/4	3/4	3/4	3/4	3/4	3/4
8	62,700	8	51,922	8	41,145	8	30,438	8	19,809	8	9,004	8	114	8	8	8	8	8	8
1/4	62,475	1/4	51,698	1/4	40,921	1/4	30,219	1/4	19,584	1/4	8,779	1/4	96	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,251	1/2	51,473	1/2	40,696	1/2	30,001	1/2	19,359	1/2	8,554	1/2	77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,026	3/4	51,249	3/4	40,472	3/4	29,782	3/4	19,134	3/4	8,329	3/4	58	3/4	3/4	3/4	3/4	3/4	3/4
9	61,801	9	51,024	9	40,247	9	29,563	9	18,909	9	8,103	9	39	9	9	9	9	9	9
1/4	61,577	1/4	50,800	1/4	40,023	1/4	29,344	1/4	18,684	1/4	7,878	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,352	1/2	50,575	1/2	39,798	1/2	29,126	1/2	18,458	1/2	7,653	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,128	3/4	50,351	3/4	39,574	3/4	28,907	3/4	18,233	3/4	7,428	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,903	10	50,126	10	39,349	10	28,688	10	18,008	10	7,203	10		10	10	10	10	10	10
1/4	60,679	1/4	49,902	1/4	39,125	1/4	28,470	1/4	17,783	1/4	6,978	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,454	1/2	49,677	1/2	38,900	1/2	28,251	1/2	17,558	1/2	6,753	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,230	3/4	49,453	3/4	38,675	3/4	28,032	3/4	17,333	3/4	6,528	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	60,005	11	49,228	11	38,451	11	27,814	11	17,108	11	6,304	11		11	11	11	11	11	11
1/4	59,781	1/4	49,004	1/4	38,226	1/4	27,595	1/4	16,883	1/4	6,079	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,556	1/2	48,779	1/2	38,002	1/2	27,376	1/2	16,658	1/2	5,855	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,332	3/4	48,555	3/4	37,777	3/4	27,157	3/4	16,432	3/4	5,630	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/05/2014 CL  
CALCULATED: 02/06/2014 CL  
PRINTED: 02/06/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2014

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



# BARGE "CBC 1372"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	163,102	0	151,066	0	139,005	0	126,893	0	114,781	0	102,668	0	90,556
1/4	1/4	1/4	1/4	1/4	1/4	1/4	162,853	1/4	150,815	1/4	138,752	1/4	126,640	1/4	114,528	1/4	102,416	1/4	90,303
1/2	1/2	1/2	1/2	1/2	1/2	1/2	162,605	1/2	150,564	1/2	138,500	1/2	126,388	1/2	114,276	1/2	102,164	1/2	90,051
3/4	3/4	3/4	3/4	3/4	3/4	3/4	162,356	3/4	150,314	3/4	138,248	3/4	126,136	3/4	114,024	3/4	101,911	3/4	89,799
1		1		1	171,012	1	162,107	1	150,063	1	137,995	1	125,883	1	113,771	1	101,659	1	89,546
1/4	1/4	1/4	1/4	1/4	170,995	1/4	161,856	1/4	149,812	1/4	137,743	1/4	125,631	1/4	113,519	1/4	101,407	1/4	89,294
1/2	1/2	1/2	1/2	1/2	170,978	1/2	161,605	1/2	149,561	1/2	137,491	1/2	125,379	1/2	113,267	1/2	101,154	1/2	89,042
3/4	3/4	3/4	3/4	3/4	170,960	3/4	161,355	3/4	149,310	3/4	137,238	3/4	125,126	3/4	113,014	3/4	100,902	3/4	88,789
2		2		2	170,943	2	161,104	2	149,059	2	136,986	2	124,874	2	112,762	2	100,650	2	88,537
1/4	1/4	1/4	1/4	1/4	170,884	1/4	160,853	1/4	148,808	1/4	136,734	1/4	124,622	1/4	112,510	1/4	100,397	1/4	88,284
1/2	1/2	1/2	1/2	1/2	170,825	1/2	160,602	1/2	148,557	1/2	136,481	1/2	124,369	1/2	112,257	1/2	100,145	1/2	88,032
3/4	3/4	3/4	3/4	3/4	170,765	3/4	160,351	3/4	148,306	3/4	136,229	3/4	124,117	3/4	112,005	3/4	99,893	3/4	87,780
3		3		3	170,706	3	160,100	3	148,055	3	135,977	3	123,865	3	111,753	3	99,640	3	87,527
1/4	1/4	1/4	1/4	1/4	170,604	1/4	159,849	1/4	147,804	1/4	135,724	1/4	123,612	1/4	111,500	1/4	99,388	1/4	87,275
1/2	1/2	1/2	1/2	1/2	170,503	1/2	159,598	1/2	147,553	1/2	135,472	1/2	123,360	1/2	111,248	1/2	99,136	1/2	87,023
3/4	3/4	3/4	3/4	3/4	170,402	3/4	159,347	3/4	147,302	3/4	135,220	3/4	123,108	3/4	110,996	3/4	98,883	3/4	86,770
4		4		4	170,300	4	159,096	4	147,051	4	134,967	4	122,855	4	110,743	4	98,631	4	86,518
1/4	1/4	1/4	1/4	1/4	170,157	1/4	158,845	1/4	146,800	1/4	134,715	1/4	122,603	1/4	110,491	1/4	98,379	1/4	86,265
1/2	1/2	1/2	1/2	1/2	170,013	1/2	158,594	1/2	146,550	1/2	134,463	1/2	122,351	1/2	110,239	1/2	98,126	1/2	86,013
3/4	3/4	3/4	3/4	3/4	169,870	3/4	158,343	3/4	146,299	3/4	134,210	3/4	122,098	3/4	109,986	3/4	97,874	3/4	85,761
5		5		5	169,726	5	158,092	5	146,048	5	133,958	5	121,846	5	109,734	5	97,622	5	85,508
1/4	1/4	1/4	1/4	1/4	169,541	1/4	157,841	1/4	145,797	1/4	133,706	1/4	121,594	1/4	109,482	1/4	97,369	1/4	85,256
1/2	1/2	1/2	1/2	1/2	169,355	1/2	157,591	1/2	145,546	1/2	133,453	1/2	121,341	1/2	109,229	1/2	97,117	1/2	85,004
3/4	3/4	3/4	3/4	3/4	169,170	3/4	157,340	3/4	145,295	3/4	133,201	3/4	121,089	3/4	108,977	3/4	96,865	3/4	84,751
6		6		6	168,984	6	157,089	6	145,044	6	132,949	6	120,837	6	108,724	6	96,612	6	84,499
1/4	1/4	1/4	1/4	1/4	168,757	1/4	156,838	1/4	144,793	1/4	132,696	1/4	120,584	1/4	108,472	1/4	96,360	1/4	84,246
1/2	1/2	1/2	1/2	1/2	168,529	1/2	156,587	1/2	144,542	1/2	132,444	1/2	120,332	1/2	108,220	1/2	96,108	1/2	83,994
3/4	3/4	3/4	3/4	3/4	168,302	3/4	156,336	3/4	144,291	3/4	132,192	3/4	120,080	3/4	107,967	3/4	95,855	3/4	83,742
7		7		7	168,074	7	156,085	7	144,040	7	131,939	7	119,827	7	107,715	7	95,603	7	83,489
1/4	1/4	1/4	1/4	1/4	167,825	1/4	155,834	1/4	143,789	1/4	131,687	1/4	119,575	1/4	107,463	1/4	95,351	1/4	83,237
1/2	1/2	1/2	1/2	1/2	167,577	1/2	155,583	1/2	143,538	1/2	131,435	1/2	119,323	1/2	107,210	1/2	95,098	1/2	82,984
3/4	3/4	3/4	3/4	3/4	167,328	3/4	155,332	3/4	143,287	3/4	131,182	3/4	119,070	3/4	106,958	3/4	94,846	3/4	82,732
8		8		8	167,080	8	155,081	8	143,036	8	130,930	8	118,818	8	106,706	8	94,594	8	82,480
1/4	1/4	1/4	1/4	1/4	166,831	1/4	154,830	1/4	142,786	1/4	130,678	1/4	118,566	1/4	106,453	1/4	94,341	1/4	82,227
1/2	1/2	1/2	1/2	1/2	166,582	1/2	154,579	1/2	142,535	1/2	130,425	1/2	118,313	1/2	106,201	1/2	94,089	1/2	81,975
3/4	3/4	3/4	3/4	3/4	166,334	3/4	154,328	3/4	142,284	3/4	130,173	3/4	118,061	3/4	105,949	3/4	93,837	3/4	81,723
9		9		9	166,085	9	154,078	9	142,033	9	129,921	9	117,809	9	105,696	9	93,584	9	81,470
1/4	1/4	1/4	1/4	1/4	165,837	1/4	153,827	1/4	141,780	1/4	129,668	1/4	117,556	1/4	105,444	1/4	93,332	1/4	81,218
1/2	1/2	1/2	1/2	1/2	165,588	1/2	153,576	1/2	141,528	1/2	129,416	1/2	117,304	1/2	105,192	1/2	93,080	1/2	80,965
3/4	3/4	3/4	3/4	3/4	165,339	3/4	153,325	3/4	141,276	3/4	129,164	3/4	117,052	3/4	104,939	3/4	92,827	3/4	80,713
10		10		10	165,091	10	153,074	10	141,023	10	128,911	10	116,799	10	104,687	10	92,575	10	80,461
1/4	1/4	1/4	1/4	1/4	164,842	1/4	152,823	1/4	140,771	1/4	128,659	1/4	116,547	1/4	104,435	1/4	92,322	1/4	80,208
1/2	1/2	1/2	1/2	1/2	164,593	1/2	152,572	1/2	140,519	1/2	128,407	1/2	116,295	1/2	104,182	1/2	92,070	1/2	79,956
3/4	3/4	3/4	3/4	3/4	164,345	3/4	152,321	3/4	140,266	3/4	128,154	3/4	116,042	3/4	103,930	3/4	91,818	3/4	79,704
11		11		11	164,096	11	152,070	11	140,014	11	127,902	11	115,790	11	103,678	11	91,565	11	79,451
1/4	1/4	1/4	1/4	1/4	163,848	1/4	151,819	1/4	139,762	1/4	127,650	1/4	115,538	1/4	103,425	1/4	91,313	1/4	79,199
1/2	1/2	1/2	1/2	1/2	163,599	1/2	151,568	1/2	139,509	1/2	127,397	1/2	115,285	1/2	103,173	1/2	91,061	1/2	78,946
3/4	3/4	3/4	3/4	3/4	163,350	3/4	151,317	3/4	139,257	3/4	127,145	3/4	115,033	3/4	102,921	3/4	90,808	3/4	78,694

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1372"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	78,442	0	66,327	0	54,213	0	42,099	0	30,222	0	18,166	0	6,056	0		0		0	
1/4	78,189	1/4	66,075	1/4	53,961	1/4	41,847	1/4	29,977	1/4	17,914	1/4	5,805	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,937	1/2	65,823	1/2	53,709	1/2	41,594	1/2	29,732	1/2	17,661	1/2	5,554	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,685	3/4	65,570	3/4	53,456	3/4	41,342	3/4	29,487	3/4	17,409	3/4	5,303	3/4	3/4	3/4	3/4	3/4	3/4
1	77,432	1	65,318	1	53,204	1	41,090	1	29,242	1	17,156	1	5,053	1	1	1	1	1	1
1/4	77,180	1/4	65,066	1/4	52,951	1/4	40,837	1/4	28,997	1/4	16,904	1/4	4,803	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,927	1/2	64,813	1/2	52,699	1/2	40,585	1/2	28,751	1/2	16,652	1/2	4,554	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,675	3/4	64,561	3/4	52,447	3/4	40,332	3/4	28,506	3/4	16,399	3/4	4,304	3/4	3/4	3/4	3/4	3/4	3/4
2	76,423	2	64,308	2	52,194	2	40,080	2	28,261	2	16,147	2	4,054	2	2	2	2	2	2
1/4	76,170	1/4	64,056	1/4	51,942	1/4	39,828	1/4	28,008	1/4	15,895	1/4	3,807	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,918	1/2	63,804	1/2	51,689	1/2	39,575	1/2	27,756	1/2	15,642	1/2	3,560	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,665	3/4	63,551	3/4	51,437	3/4	39,323	3/4	27,504	3/4	15,390	3/4	3,312	3/4	3/4	3/4	3/4	3/4	3/4
3	75,413	3	63,299	3	51,185	3	39,071	3	27,251	3	15,137	3	3,065	3	3	3	3	3	3
1/4	75,161	1/4	63,047	1/4	50,932	1/4	38,818	1/4	26,999	1/4	14,885	1/4	2,834	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,908	1/2	62,794	1/2	50,680	1/2	38,566	1/2	26,746	1/2	14,633	1/2	2,604	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,656	3/4	62,542	3/4	50,428	3/4	38,313	3/4	26,494	3/4	14,380	3/4	2,373	3/4	3/4	3/4	3/4	3/4	3/4
4	74,404	4	62,289	4	50,175	4	38,061	4	26,242	4	14,128	4	2,142	4	4	4	4	4	4
1/4	74,151	1/4	62,037	1/4	49,923	1/4	37,816	1/4	25,989	1/4	13,876	1/4	1,953	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,899	1/2	61,785	1/2	49,670	1/2	37,570	1/2	25,737	1/2	13,623	1/2	1,764	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,646	3/4	61,532	3/4	49,418	3/4	37,325	3/4	25,485	3/4	13,371	3/4	1,575	3/4	3/4	3/4	3/4	3/4	3/4
5	73,394	5	61,280	5	49,166	5	37,080	5	25,232	5	13,118	5	1,385	5	5	5	5	5	5
1/4	73,142	1/4	61,028	1/4	48,913	1/4	36,835	1/4	24,980	1/4	12,866	1/4	1,238	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,889	1/2	60,775	1/2	48,661	1/2	36,590	1/2	24,727	1/2	12,614	1/2	1,091	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,637	3/4	60,523	3/4	48,409	3/4	36,345	3/4	24,475	3/4	12,361	3/4	944	3/4	3/4	3/4	3/4	3/4	3/4
6	72,385	6	60,270	6	48,156	6	36,100	6	24,223	6	12,109	6	796	6	6	6	6	6	6
1/4	72,132	1/4	60,018	1/4	47,904	1/4	35,855	1/4	23,970	1/4	11,857	1/4	691	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,880	1/2	59,766	1/2	47,651	1/2	35,610	1/2	23,718	1/2	11,604	1/2	586	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,627	3/4	59,513	3/4	47,399	3/4	35,365	3/4	23,466	3/4	11,352	3/4	481	3/4	3/4	3/4	3/4	3/4	3/4
7	71,375	7	59,261	7	47,147	7	35,120	7	23,213	7	11,100	7	376	7	7	7	7	7	7
1/4	71,123	1/4	59,008	1/4	46,894	1/4	34,875	1/4	22,961	1/4	10,847	1/4	313	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,870	1/2	58,756	1/2	46,642	1/2	34,630	1/2	22,709	1/2	10,595	1/2	250	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,618	3/4	58,504	3/4	46,390	3/4	34,386	3/4	22,456	3/4	10,342	3/4	187	3/4	3/4	3/4	3/4	3/4	3/4
8	70,366	8	58,251	8	46,137	8	34,141	8	22,204	8	10,090	8	124	8	8	8	8	8	8
1/4	70,113	1/4	57,999	1/4	45,885	1/4	33,896	1/4	21,951	1/4	9,838	1/4	103	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,861	1/2	57,747	1/2	45,632	1/2	33,651	1/2	21,699	1/2	9,585	1/2	81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,608	3/4	57,494	3/4	45,380	3/4	33,406	3/4	21,447	3/4	9,333	3/4	60	3/4	3/4	3/4	3/4	3/4	3/4
9	69,356	9	57,242	9	45,128	9	33,161	9	21,194	9	9,081	9	39	9	9	9	9	9	9
1/4	69,104	1/4	56,989	1/4	44,875	1/4	32,916	1/4	20,942	1/4	8,828	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,851	1/2	56,737	1/2	44,623	1/2	32,671	1/2	20,690	1/2	8,576	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,599	3/4	56,485	3/4	44,371	3/4	32,426	3/4	20,437	3/4	8,324	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	68,346	10	56,232	10	44,118	10	32,181	10	20,185	10	8,071	10		10	10	10	10	10	10
1/4	68,094	1/4	55,980	1/4	43,866	1/4	31,936	1/4	19,932	1/4	7,819	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,842	1/2	55,728	1/2	43,613	1/2	31,691	1/2	19,680	1/2	7,567	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,589	3/4	55,475	3/4	43,361	3/4	31,446	3/4	19,428	3/4	7,315	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	67,337	11	55,223	11	43,109	11	31,201	11	19,175	11	7,063	11		11	11	11	11	11	11
1/4	67,085	1/4	54,970	1/4	42,856	1/4	30,956	1/4	18,923	1/4	6,811	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,832	1/2	54,718	1/2	42,604	1/2	30,711	1/2	18,671	1/2	6,559	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,580	3/4	54,466	3/4	42,351	3/4	30,467	3/4	18,418	3/4	6,308	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/05/2014 CL  
CALCULATED: 02/06/2014 CL  
PRINTED: 02/06/2014 CL

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2014



# BARGE "CBC 1372"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	144,767	0	134,083	0	123,377	0	112,628	0	101,879	0	91,130	0	80,381
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,547	1/4	133,861	1/4	123,153	1/4	112,404	1/4	101,655	1/4	90,906	1/4	80,157
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,326	1/2	133,638	1/2	122,929	1/2	112,180	1/2	101,431	1/2	90,682	1/2	79,933
3/4	3/4	3/4	3/4	3/4	3/4	3/4	152,009	3/4	144,105	3/4	133,415	3/4	122,706	3/4	111,957	3/4	101,207	3/4	90,458
1		1		1		1	151,994	1	143,883	1	133,193	1	122,482	1	111,733	1	100,984	1	90,235
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,978	1/4	143,660	1/4	132,970	1/4	122,258	1/4	111,509	1/4	100,760	1/4	90,011
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,963	1/2	143,437	1/2	132,747	1/2	122,034	1/2	111,285	1/2	100,536	1/2	89,787
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,948	3/4	143,215	3/4	132,524	3/4	121,810	3/4	111,061	3/4	100,312	3/4	89,563
2		2		2		2	151,895	2	142,992	2	132,302	2	121,586	2	110,837	2	100,088	2	89,339
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,842	1/4	142,769	1/4	132,079	1/4	121,362	1/4	110,613	1/4	99,864	1/4	89,115
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,790	1/2	142,546	1/2	131,856	1/2	121,138	1/2	110,389	1/2	99,640	1/2	88,891
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,737	3/4	142,324	3/4	131,634	3/4	120,914	3/4	110,165	3/4	99,416	3/4	88,667
3		3		3		3	151,647	3	142,101	3	131,411	3	120,690	3	109,941	3	99,192	3	88,443
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,557	1/4	141,878	1/4	131,188	1/4	120,466	1/4	109,717	1/4	98,968	1/4	88,219
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,467	1/2	141,656	1/2	130,965	1/2	120,242	1/2	109,493	1/2	98,744	1/2	87,995
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,377	3/4	141,433	3/4	130,743	3/4	120,018	3/4	109,269	3/4	98,520	3/4	87,771
4		4		4		4	151,250	4	141,210	4	130,520	4	119,794	4	109,045	4	98,296	4	87,547
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,122	1/4	140,987	1/4	130,297	1/4	119,570	1/4	108,821	1/4	98,072	1/4	87,323
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,995	1/2	140,765	1/2	130,075	1/2	119,346	1/2	108,597	1/2	97,848	1/2	87,099
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,868	3/4	140,542	3/4	129,852	3/4	119,123	3/4	108,374	3/4	97,624	3/4	86,875
5		5		5		5	150,703	5	140,319	5	129,629	5	118,899	5	108,150	5	97,401	5	86,651
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,538	1/4	140,097	1/4	129,407	1/4	118,675	1/4	107,926	1/4	97,177	1/4	86,428
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,374	1/2	139,874	1/2	129,184	1/2	118,451	1/2	107,702	1/2	96,953	1/2	86,204
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,209	3/4	139,651	3/4	128,961	3/4	118,227	3/4	107,478	3/4	96,729	3/4	85,980
6		6		6		6	150,007	6	139,428	6	128,738	6	118,003	6	107,254	6	96,505	6	85,756
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,805	1/4	139,206	1/4	128,516	1/4	117,779	1/4	107,030	1/4	96,281	1/4	85,532
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,603	1/2	138,983	1/2	128,293	1/2	117,555	1/2	106,806	1/2	96,057	1/2	85,308
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,401	3/4	138,760	3/4	128,070	3/4	117,331	3/4	106,582	3/4	95,833	3/4	85,084
7		7		7		7	149,180	7	138,538	7	127,848	7	117,107	7	106,358	7	95,609	7	84,860
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,960	1/4	138,315	1/4	127,625	1/4	116,883	1/4	106,134	1/4	95,385	1/4	84,636
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,739	1/2	138,092	1/2	127,402	1/2	116,659	1/2	105,910	1/2	95,161	1/2	84,412
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,518	3/4	137,870	3/4	127,179	3/4	116,435	3/4	105,686	3/4	94,937	3/4	84,188
8		8		8		8	148,298	8	137,647	8	126,957	8	116,211	8	105,462	8	94,713	8	83,964
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,077	1/4	137,424	1/4	126,734	1/4	115,987	1/4	105,238	1/4	94,489	1/4	83,740
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,856	1/2	137,201	1/2	126,511	1/2	115,763	1/2	105,014	1/2	94,265	1/2	83,516
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,636	3/4	136,979	3/4	126,289	3/4	115,540	3/4	104,790	3/4	94,041	3/4	83,292
9		9		9		9	147,415	9	136,756	9	126,065	9	115,316	9	104,567	9	93,818	9	83,068
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,195	1/4	136,533	1/4	125,841	1/4	115,092	1/4	104,343	1/4	93,594	1/4	82,844
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,974	1/2	136,311	1/2	125,617	1/2	114,868	1/2	104,119	1/2	93,370	1/2	82,620
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,753	3/4	136,088	3/4	125,393	3/4	114,644	3/4	103,895	3/4	93,146	3/4	82,397
10		10		10		10	146,533	10	135,865	10	125,169	10	114,420	10	103,671	10	92,922	10	82,173
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,312	1/4	135,642	1/4	124,945	1/4	114,196	1/4	103,447	1/4	92,698	1/4	81,949
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,091	1/2	135,420	1/2	124,721	1/2	113,972	1/2	103,223	1/2	92,474	1/2	81,725
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,871	3/4	135,197	3/4	124,497	3/4	113,748	3/4	102,999	3/4	92,250	3/4	81,501
11		11		11		11	145,650	11	134,974	11	124,273	11	113,524	11	102,775	11	92,026	11	81,277
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,429	1/4	134,752	1/4	124,049	1/4	113,300	1/4	102,551	1/4	91,802	1/4	81,053
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,209	1/2	134,529	1/2	123,825	1/2	113,076	1/2	102,327	1/2	91,578	1/2	80,829
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,988	3/4	134,306	3/4	123,601	3/4	112,852	3/4	102,103	3/4	91,354	3/4	80,605

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

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# BARGE "CBC 1372"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	69,630	0	58,879	0	48,128	0	37,377	0	26,647	0	15,902	0	5,156	0		0		0	
1/4	69,406	1/4	58,655	1/4	47,904	1/4	37,153	1/4	26,424	1/4	15,678	1/4	4,934	1/4	1/4		1/4		1/4
1/2	69,182	1/2	58,431	1/2	47,680	1/2	36,929	1/2	26,201	1/2	15,454	1/2	4,711	1/2	1/2		1/2		1/2
3/4	68,958	3/4	58,207	3/4	47,456	3/4	36,705	3/4	25,978	3/4	15,230	3/4	4,488	3/4	3/4		3/4		3/4
1	68,734	1	57,983	1	47,232	1	36,481	1	25,754	1	15,006	1	4,267	1	1		1		1
1/4	68,510	1/4	57,759	1/4	47,008	1/4	36,257	1/4	25,530	1/4	14,782	1/4	4,046	1/4	1/4		1/4		1/4
1/2	68,286	1/2	57,535	1/2	46,784	1/2	36,033	1/2	25,307	1/2	14,558	1/2	3,824	1/2	1/2		1/2		1/2
3/4	68,062	3/4	57,311	3/4	46,560	3/4	35,809	3/4	25,083	3/4	14,334	3/4	3,603	3/4	3/4		3/4		3/4
2	67,838	2	57,087	2	46,336	2	35,586	2	24,859	2	14,110	2	3,383	2	2		2		2
1/4	67,614	1/4	56,863	1/4	46,112	1/4	35,362	1/4	24,636	1/4	13,886	1/4	3,164	1/4	1/4		1/4		1/4
1/2	67,390	1/2	56,639	1/2	45,888	1/2	35,138	1/2	24,412	1/2	13,662	1/2	2,944	1/2	1/2		1/2		1/2
3/4	67,166	3/4	56,415	3/4	45,664	3/4	34,914	3/4	24,189	3/4	13,438	3/4	2,725	3/4	3/4		3/4		3/4
3	66,942	3	56,191	3	45,440	3	34,690	3	23,965	3	13,214	3	2,520	3	3		3		3
1/4	66,718	1/4	55,967	1/4	45,216	1/4	34,466	1/4	23,741	1/4	12,990	1/4	2,315	1/4	1/4		1/4		1/4
1/2	66,494	1/2	55,743	1/2	44,992	1/2	34,242	1/2	23,517	1/2	12,766	1/2	2,110	1/2	1/2		1/2		1/2
3/4	66,270	3/4	55,519	3/4	44,769	3/4	34,018	3/4	23,293	3/4	12,542	3/4	1,906	3/4	3/4		3/4		3/4
4	66,046	4	55,295	4	44,545	4	33,794	4	23,069	4	12,318	4	1,738	4	4		4		4
1/4	65,822	1/4	55,071	1/4	44,321	1/4	33,570	1/4	22,845	1/4	12,094	1/4	1,570	1/4	1/4		1/4		1/4
1/2	65,598	1/2	54,847	1/2	44,097	1/2	33,346	1/2	22,621	1/2	11,870	1/2	1,402	1/2	1/2		1/2		1/2
3/4	65,374	3/4	54,623	3/4	43,873	3/4	33,122	3/4	22,397	3/4	11,647	3/4	1,234	3/4	3/4		3/4		3/4
5	65,150	5	54,399	5	43,649	5	32,899	5	22,173	5	11,423	5	1,103	5	5		5		5
1/4	64,926	1/4	54,176	1/4	43,425	1/4	32,675	1/4	21,949	1/4	11,199	1/4	973	1/4	1/4		1/4		1/4
1/2	64,702	1/2	53,952	1/2	43,201	1/2	32,452	1/2	21,725	1/2	10,975	1/2	842	1/2	1/2		1/2		1/2
3/4	64,478	3/4	53,728	3/4	42,977	3/4	32,229	3/4	21,501	3/4	10,751	3/4	711	3/4	3/4		3/4		3/4
6	64,254	6	53,504	6	42,753	6	32,005	6	21,277	6	10,527	6	618	6	6		6		6
1/4	64,030	1/4	53,280	1/4	42,529	1/4	31,782	1/4	21,053	1/4	10,303	1/4	525	1/4	1/4		1/4		1/4
1/2	63,806	1/2	53,056	1/2	42,305	1/2	31,559	1/2	20,829	1/2	10,079	1/2	431	1/2	1/2		1/2		1/2
3/4	63,583	3/4	52,832	3/4	42,081	3/4	31,336	3/4	20,605	3/4	9,855	3/4	338	3/4	3/4		3/4		3/4
7	63,359	7	52,608	7	41,857	7	31,112	7	20,381	7	9,631	7	282	7	7		7		7
1/4	63,135	1/4	52,384	1/4	41,633	1/4	30,889	1/4	20,157	1/4	9,407	1/4	226	1/4	1/4		1/4		1/4
1/2	62,911	1/2	52,160	1/2	41,409	1/2	30,666	1/2	19,933	1/2	9,183	1/2	170	1/2	1/2		1/2		1/2
3/4	62,687	3/4	51,936	3/4	41,185	3/4	30,443	3/4	19,709	3/4	8,959	3/4	114	3/4	3/4		3/4		3/4
8	62,463	8	51,712	8	40,961	8	30,219	8	19,485	8	8,735	8	95	8	8		8		8
1/4	62,239	1/4	51,488	1/4	40,737	1/4	29,996	1/4	19,261	1/4	8,511	1/4	77	1/4	1/4		1/4		1/4
1/2	62,015	1/2	51,264	1/2	40,513	1/2	29,773	1/2	19,037	1/2	8,287	1/2	58	1/2	1/2		1/2		1/2
3/4	61,791	3/4	51,040	3/4	40,289	3/4	29,550	3/4	18,813	3/4	8,063	3/4	39	3/4	3/4		3/4		3/4
9	61,567	9	50,816	9	40,065	9	29,326	9	18,589	9	7,839	9		9	9		9		9
1/4	61,343	1/4	50,592	1/4	39,841	1/4	29,103	1/4	18,366	1/4	7,615	1/4		1/4	1/4		1/4		1/4
1/2	61,119	1/2	50,368	1/2	39,617	1/2	28,880	1/2	18,142	1/2	7,391	1/2		1/2	1/2		1/2		1/2
3/4	60,895	3/4	50,144	3/4	39,393	3/4	28,657	3/4	17,918	3/4	7,167	3/4		3/4	3/4		3/4		3/4
10	60,671	10	49,920	10	39,169	10	28,433	10	17,694	10	6,943	10		10	10		10		10
1/4	60,447	1/4	49,696	1/4	38,945	1/4	28,210	1/4	17,470	1/4	6,720	1/4		1/4	1/4		1/4		1/4
1/2	60,223	1/2	49,472	1/2	38,721	1/2	27,987	1/2	17,246	1/2	6,496	1/2		1/2	1/2		1/2		1/2
3/4	59,999	3/4	49,248	3/4	38,497	3/4	27,764	3/4	17,022	3/4	6,272	3/4		3/4	3/4		3/4		3/4
11	59,775	11	49,024	11	38,273	11	27,540	11	16,798	11	6,049	11		11	11		11		11
1/4	59,551	1/4	48,800	1/4	38,049	1/4	27,317	1/4	16,574	1/4	5,826	1/4		1/4	1/4		1/4		1/4
1/2	59,327	1/2	48,576	1/2	37,825	1/2	27,094	1/2	16,350	1/2	5,602	1/2		1/2	1/2		1/2		1/2
3/4	59,103	3/4	48,352	3/4	37,601	3/4	26,871	3/4	16,126	3/4	5,379	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/05/2014 CL  
CALCULATED: 02/06/2014 CL  
PRINTED: 02/06/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2014

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