



# BARGE "CBC 1379"

## 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	00-1/4	- 00-1/4
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	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 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"

August 15, 2014

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

<http://www.pmacorp.net>



# BARGE "CBC 1379"

# 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/2"

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	8,091	0	18,880	0	29,518	0	40,185	0	50,946	0	61,707	0	72,444	0	83,183	0	93,947
1/4	58	1/4	8,316	1/4	19,104	1/4	29,736	1/4	40,410	1/4	51,170	1/4	61,931	1/4	72,667	1/4	83,408	1/4	94,172
1/2	77	1/2	8,541	1/2	19,329	1/2	29,955	1/2	40,634	1/2	51,394	1/2	62,155	1/2	72,890	1/2	83,632	1/2	94,396
3/4	96	3/4	8,765	3/4	19,554	3/4	30,173	3/4	40,858	3/4	51,619	3/4	62,379	3/4	73,113	3/4	83,856	3/4	94,620
1	114	1	8,990	1	19,779	1	30,391	1	41,082	1	51,843	1	62,603	1	73,335	1	84,080	1	94,844
1/4	170	1/4	9,215	1/4	20,003	1/4	30,610	1/4	41,306	1/4	52,067	1/4	62,828	1/4	73,558	1/4	84,305	1/4	95,069
1/2	227	1/2	9,440	1/2	20,228	1/2	30,828	1/2	41,530	1/2	52,291	1/2	63,052	1/2	73,781	1/2	84,529	1/2	95,293
3/4	283	3/4	9,664	3/4	20,453	3/4	31,046	3/4	41,755	3/4	52,515	3/4	63,276	3/4	74,004	3/4	84,753	3/4	95,517
2	339	2	9,889	2	20,678	2	31,265	2	41,979	2	52,739	2	63,500	2	74,227	2	84,977	2	95,741
1/4	433	1/4	10,114	1/4	20,902	1/4	31,483	1/4	42,203	1/4	52,964	1/4	63,724	1/4	74,450	1/4	85,202	1/4	95,966
1/2	526	1/2	10,339	1/2	21,127	1/2	31,701	1/2	42,427	1/2	53,188	1/2	63,948	1/2	74,672	1/2	85,426	1/2	96,190
3/4	620	3/4	10,563	3/4	21,352	3/4	31,920	3/4	42,651	3/4	53,412	3/4	64,173	3/4	74,895	3/4	85,650	3/4	96,414
3	714	3	10,788	3	21,577	3	32,138	3	42,876	3	53,636	3	64,397	3	75,118	3	85,874	3	96,638
1/4	845	1/4	11,013	1/4	21,802	1/4	32,357	1/4	43,100	1/4	53,860	1/4	64,621	1/4	75,341	1/4	86,099	1/4	96,863
1/2	976	1/2	11,238	1/2	22,026	1/2	32,575	1/2	43,324	1/2	54,085	1/2	64,845	1/2	75,564	1/2	86,323	1/2	97,087
3/4	1,107	3/4	11,462	3/4	22,251	3/4	32,793	3/4	43,548	3/4	54,309	3/4	65,069	3/4	75,787	3/4	86,547	3/4	97,311
4	1,238	4	11,687	4	22,476	4	33,012	4	43,772	4	54,533	4	65,294	4	76,009	4	86,771	4	97,535
1/4	1,406	1/4	11,912	1/4	22,701	1/4	33,236	1/4	43,996	1/4	54,757	1/4	65,518	1/4	76,233	1/4	86,996	1/4	97,760
1/2	1,575	1/2	12,137	1/2	22,925	1/2	33,460	1/2	44,221	1/2	54,981	1/2	65,742	1/2	76,456	1/2	87,220	1/2	97,984
3/4	1,743	3/4	12,362	3/4	23,150	3/4	33,684	3/4	44,445	3/4	55,205	3/4	65,966	3/4	76,680	3/4	87,444	3/4	98,208
5	1,912	5	12,586	5	23,375	5	33,908	5	44,669	5	55,430	5	66,190	5	76,903	5	87,668	5	98,432
1/4	2,117	1/4	12,811	1/4	23,600	1/4	34,133	1/4	44,893	1/4	55,654	1/4	66,414	1/4	77,128	1/4	87,893	1/4	98,657
1/2	2,323	1/2	13,036	1/2	23,824	1/2	34,357	1/2	45,117	1/2	55,878	1/2	66,639	1/2	77,352	1/2	88,117	1/2	98,881
3/4	2,528	3/4	13,261	3/4	24,049	3/4	34,581	3/4	45,342	3/4	56,102	3/4	66,863	3/4	77,576	3/4	88,341	3/4	99,105
6	2,734	6	13,485	6	24,274	6	34,805	6	45,566	6	56,326	6	67,087	6	77,801	6	88,565	6	99,329
1/4	2,954	1/4	13,710	1/4	24,493	1/4	35,029	1/4	45,790	1/4	56,551	1/4	67,311	1/4	78,025	1/4	88,790	1/4	99,554
1/2	3,174	1/2	13,935	1/2	24,711	1/2	35,253	1/2	46,014	1/2	56,775	1/2	67,534	1/2	78,249	1/2	89,014	1/2	99,778
3/4	3,395	3/4	14,160	3/4	24,930	3/4	35,478	3/4	46,238	3/4	56,999	3/4	67,758	3/4	78,473	3/4	89,238	3/4	100,002
7	3,615	7	14,384	7	25,149	7	35,702	7	46,462	7	57,223	7	67,981	7	78,698	7	89,462	7	100,226
1/4	3,837	1/4	14,609	1/4	25,368	1/4	35,926	1/4	46,687	1/4	57,447	1/4	68,205	1/4	78,922	1/4	89,687	1/4	100,451
1/2	4,059	1/2	14,834	1/2	25,586	1/2	36,150	1/2	46,911	1/2	57,671	1/2	68,429	1/2	79,146	1/2	89,911	1/2	100,675
3/4	4,282	3/4	15,059	3/4	25,805	3/4	36,374	3/4	47,135	3/4	57,896	3/4	68,652	3/4	79,371	3/4	90,135	3/4	100,899
8	4,504	8	15,283	8	26,024	8	36,599	8	47,359	8	58,120	8	68,876	8	79,595	8	90,359	8	101,123
1/4	4,727	1/4	15,508	1/4	26,242	1/4	36,823	1/4	47,583	1/4	58,344	1/4	69,099	1/4	79,819	1/4	90,584	1/4	101,348
1/2	4,951	1/2	15,733	1/2	26,461	1/2	37,047	1/2	47,808	1/2	58,568	1/2	69,323	1/2	80,043	1/2	90,808	1/2	101,572
3/4	5,174	3/4	15,958	3/4	26,679	3/4	37,271	3/4	48,032	3/4	58,792	3/4	69,546	3/4	80,268	3/4	91,032	3/4	101,796
9	5,397	9	16,182	9	26,897	9	37,495	9	48,256	9	59,017	9	69,770	9	80,492	9	91,256	9	102,020
1/4	5,621	1/4	16,407	1/4	27,116	1/4	37,719	1/4	48,480	1/4	59,241	1/4	69,993	1/4	80,716	1/4	91,481	1/4	102,245
1/2	5,846	1/2	16,632	1/2	27,334	1/2	37,944	1/2	48,704	1/2	59,465	1/2	70,216	1/2	80,941	1/2	91,705	1/2	102,469
3/4	6,070	3/4	16,857	3/4	27,552	3/4	38,168	3/4	48,928	3/4	59,689	3/4	70,439	3/4	81,165	3/4	91,929	3/4	102,693
10	6,294	10	17,082	10	27,771	10	38,392	10	49,153	10	59,913	10	70,661	10	81,389	10	92,153	10	102,917
1/4	6,518	1/4	17,306	1/4	27,989	1/4	38,616	1/4	49,377	1/4	60,137	1/4	70,884	1/4	81,613	1/4	92,378	1/4	103,142
1/2	6,743	1/2	17,531	1/2	28,208	1/2	38,840	1/2	49,601	1/2	60,362	1/2	71,107	1/2	81,838	1/2	92,602	1/2	103,366
3/4	6,968	3/4	17,756	3/4	28,426	3/4	39,065	3/4	49,825	3/4	60,586	3/4	71,330	3/4	82,062	3/4	92,826	3/4	103,590
11	7,192	11	17,981	11	28,644	11	39,289	11	50,049	11	60,810	11	71,553	11	82,286	11	93,050	11	103,814
1/4	7,417	1/4	18,205	1/4	28,863	1/4	39,513	1/4	50,273	1/4	61,034	1/4	71,776	1/4	82,511	1/4	93,275	1/4	104,039
1/2	7,642	1/2	18,430	1/2	29,081	1/2	39,737	1/2	50,498	1/2	61,258	1/2	71,998	1/2	82,735	1/2	93,499	1/2	104,263
3/4	7,866	3/4	18,655	3/4	29,299	3/4	39,961	3/4	50,722	3/4	61,482	3/4	72,221	3/4	82,959	3/4	93,723	3/4	104,487

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

<http://www.pmacorp.net>



# BARGE "CBC 1379"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/2"

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	104,711	0	114,812	0	124,271	0	133,689	0	143,090	0		0		0		0		0	
1/4	104,935	1/4	115,009	1/4	124,468	1/4	133,885	1/4	143,285	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,159	1/2	115,206	1/2	124,664	1/2	134,082	1/2	143,479	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,383	3/4	115,403	3/4	124,861	3/4	134,279	3/4	143,673	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,607	1	115,600	1	125,058	1	134,475	1	143,868	1	1	1	1	1	1	1	1	1	1
1/4	105,831	1/4	115,797	1/4	125,254	1/4	134,672	1/4	144,062	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,055	1/2	115,994	1/2	125,451	1/2	134,868	1/2	144,257	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,279	3/4	116,191	3/4	125,647	3/4	135,065	3/4	144,451	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,503	2	116,388	2	125,844	2	135,261	2	144,646	2	2	2	2	2	2	2	2	2	2
1/4	106,727	1/4	116,585	1/4	126,040	1/4	135,458	1/4	144,849	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,951	1/2	116,783	1/2	126,237	1/2	135,654	1/2	145,053	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,175	3/4	116,980	3/4	126,433	3/4	135,851	3/4	145,256	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,399	3	117,177	3	126,630	3	136,047	3	145,459	3	3	3	3	3	3	3	3	3	3
1/4	107,623	1/4	117,374	1/4	126,826	1/4	136,244	1/4	145,625	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,847	1/2	117,571	1/2	127,023	1/2	136,441	1/2	145,791	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,071	3/4	117,768	3/4	127,220	3/4	136,637	3/4	145,957	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,295	4	117,965	4	127,416	4	136,834	4	146,123	4	4	4	4	4	4	4	4	4	4
1/4	108,519	1/4	118,162	1/4	127,613	1/4	137,030	1/4	146,252	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,743	1/2	118,359	1/2	127,809	1/2	137,227	1/2	146,380	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,967	3/4	118,556	3/4	128,006	3/4	137,423	3/4	146,508	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,191	5	118,753	5	128,202	5	137,620	5	146,637	5	5	5	5	5	5	5	5	5	5
1/4	109,415	1/4	118,950	1/4	128,399	1/4	137,816	1/4	146,728	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,639	1/2	119,147	1/2	128,595	1/2	138,013	1/2	146,819	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,863	3/4	119,345	3/4	128,792	3/4	138,209	3/4	146,910	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,087	6	119,542	6	128,989	6	138,406	6	147,001	6	6	6	6	6	6	6	6	6	6
1/4	110,284	1/4	119,739	1/4	129,184	1/4	138,603	1/4	147,054	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,481	1/2	119,936	1/2	129,380	1/2	138,799	1/2	147,108	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,678	3/4	120,133	3/4	129,576	3/4	138,996	3/4	147,161	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,875	7	120,330	7	129,772	7	139,192	7	147,215	7	7	7	7	7	7	7	7	7	7
1/4	111,072	1/4	120,527	1/4	129,968	1/4	139,389	1/4	147,231	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,268	1/2	120,724	1/2	130,164	1/2	139,585	1/2	147,247	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,465	3/4	120,921	3/4	130,359	3/4	139,782	3/4	147,263	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,662	8	121,118	8	130,555	8	139,978	8	147,279	8	8	8	8	8	8	8	8	8	8
1/4	111,859	1/4	121,315	1/4	130,751	1/4	140,173	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,056	1/2	121,512	1/2	130,947	1/2	140,367	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,253	3/4	121,709	3/4	131,143	3/4	140,562	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,450	9	121,906	9	131,339	9	140,756	9		9	9	9	9	9	9	9	9	9	9
1/4	112,646	1/4	122,104	1/4	131,535	1/4	140,951	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,843	1/2	122,301	1/2	131,730	1/2	141,145	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,040	3/4	122,498	3/4	131,926	3/4	141,340	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,237	10	122,695	10	132,122	10	141,534	10		10	10	10	10	10	10	10	10	10	10
1/4	113,434	1/4	122,892	1/4	132,318	1/4	141,729	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,631	1/2	123,089	1/2	132,514	1/2	141,923	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,828	3/4	123,286	3/4	132,710	3/4	142,118	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,024	11	123,483	11	132,905	11	142,312	11		11	11	11	11	11	11	11	11	11	11
1/4	114,221	1/4	123,680	1/4	133,101	1/4	142,507	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,418	1/2	123,877	1/2	133,297	1/2	142,701	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,615	3/4	124,074	3/4	133,493	3/4	142,896	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: 08/16/2014 SW  
CALCULATED: 08/16/2014 CL  
PRINTED: 08/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2014

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



# BARGE "CBC 1379"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1379"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	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: 08/16/2014 SW  
CALCULATED: 08/16/2014 CL  
PRINTED: 08/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2014

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



# BARGE "CBC 1379"

## 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	8,044	0	18,770	0	29,482	0	40,196	0	50,922	0	61,648	0	72,374	0	83,100	0	93,825
1/4	58	1/4	8,268	1/4	18,994	1/4	29,704	1/4	40,420	1/4	51,146	1/4	61,872	1/4	72,598	1/4	83,324	1/4	94,048
1/2	77	1/2	8,491	1/2	19,217	1/2	29,927	1/2	40,643	1/2	51,369	1/2	62,095	1/2	72,821	1/2	83,547	1/2	94,271
3/4	95	3/4	8,715	3/4	19,440	3/4	30,150	3/4	40,866	3/4	51,593	3/4	62,319	3/4	73,045	3/4	83,771	3/4	94,495
1	114	1	8,938	1	19,664	1	30,372	1	41,090	1	51,816	1	62,542	1	73,268	1	83,994	1	94,718
1/4	170	1/4	9,162	1/4	19,887	1/4	30,595	1/4	41,313	1/4	52,039	1/4	62,765	1/4	73,492	1/4	84,217	1/4	94,942
1/2	226	1/2	9,385	1/2	20,111	1/2	30,818	1/2	41,537	1/2	52,263	1/2	62,989	1/2	73,715	1/2	84,441	1/2	95,165
3/4	281	3/4	9,609	3/4	20,334	3/4	31,041	3/4	41,760	3/4	52,486	3/4	63,212	3/4	73,938	3/4	84,664	3/4	95,388
2	337	2	9,832	2	20,558	2	31,263	2	41,984	2	52,710	2	63,436	2	74,162	2	84,888	2	95,612
1/4	430	1/4	10,055	1/4	20,781	1/4	31,486	1/4	42,207	1/4	52,933	1/4	63,659	1/4	74,385	1/4	85,111	1/4	95,835
1/2	523	1/2	10,279	1/2	21,005	1/2	31,709	1/2	42,431	1/2	53,157	1/2	63,883	1/2	74,609	1/2	85,335	1/2	96,059
3/4	617	3/4	10,502	3/4	21,228	3/4	31,932	3/4	42,654	3/4	53,380	3/4	64,106	3/4	74,832	3/4	85,558	3/4	96,282
3	710	3	10,726	3	21,451	3	32,154	3	42,878	3	53,604	3	64,330	3	75,056	3	85,781	3	96,506
1/4	840	1/4	10,949	1/4	21,675	1/4	32,377	1/4	43,101	1/4	53,827	1/4	64,553	1/4	75,279	1/4	86,005	1/4	96,729
1/2	970	1/2	11,173	1/2	21,898	1/2	32,600	1/2	43,324	1/2	54,051	1/2	64,777	1/2	75,503	1/2	86,228	1/2	96,952
3/4	1,101	3/4	11,396	3/4	22,122	3/4	32,823	3/4	43,548	3/4	54,274	3/4	65,000	3/4	75,726	3/4	86,452	3/4	97,176
4	1,231	4	11,620	4	22,345	4	33,045	4	43,771	4	54,497	4	65,224	4	75,950	4	86,675	4	97,399
1/4	1,399	1/4	11,843	1/4	22,569	1/4	33,269	1/4	43,995	1/4	54,721	1/4	65,447	1/4	76,173	1/4	86,898	1/4	97,623
1/2	1,566	1/2	12,067	1/2	22,792	1/2	33,492	1/2	44,218	1/2	54,944	1/2	65,670	1/2	76,397	1/2	87,122	1/2	97,846
3/4	1,734	3/4	12,290	3/4	23,016	3/4	33,716	3/4	44,442	3/4	55,168	3/4	65,894	3/4	76,620	3/4	87,345	3/4	98,070
5	1,901	5	12,513	5	23,239	5	33,939	5	44,665	5	55,391	5	66,117	5	76,843	5	87,569	5	98,293
1/4	2,106	1/4	12,737	1/4	23,463	1/4	34,163	1/4	44,889	1/4	55,615	1/4	66,341	1/4	77,067	1/4	87,792	1/4	98,516
1/2	2,310	1/2	12,960	1/2	23,686	1/2	34,386	1/2	45,112	1/2	55,838	1/2	66,564	1/2	77,290	1/2	88,016	1/2	98,740
3/4	2,514	3/4	13,184	3/4	23,909	3/4	34,610	3/4	45,336	3/4	56,062	3/4	66,788	3/4	77,514	3/4	88,239	3/4	98,963
6	2,718	6	13,407	6	24,133	6	34,833	6	45,559	6	56,285	6	67,011	6	77,737	6	88,462	6	99,187
1/4	2,937	1/4	13,631	1/4	24,356	1/4	35,056	1/4	45,783	1/4	56,509	1/4	67,235	1/4	77,961	1/4	88,686	1/4	99,410
1/2	3,156	1/2	13,854	1/2	24,579	1/2	35,280	1/2	46,006	1/2	56,732	1/2	67,458	1/2	78,184	1/2	88,909	1/2	99,633
3/4	3,375	3/4	14,078	3/4	24,802	3/4	35,503	3/4	46,229	3/4	56,956	3/4	67,682	3/4	78,408	3/4	89,133	3/4	99,857
7	3,594	7	14,301	7	25,025	7	35,727	7	46,453	7	57,179	7	67,905	7	78,631	7	89,356	7	100,080
1/4	3,815	1/4	14,524	1/4	25,248	1/4	35,950	1/4	46,676	1/4	57,402	1/4	68,129	1/4	78,855	1/4	89,580	1/4	100,304
1/2	4,036	1/2	14,748	1/2	25,471	1/2	36,174	1/2	46,900	1/2	57,626	1/2	68,352	1/2	79,078	1/2	89,803	1/2	100,527
3/4	4,257	3/4	14,971	3/4	25,695	3/4	36,397	3/4	47,123	3/4	57,849	3/4	68,575	3/4	79,301	3/4	90,026	3/4	100,751
8	4,478	8	15,195	8	25,918	8	36,621	8	47,347	8	58,073	8	68,799	8	79,525	8	90,250	8	100,974
1/4	4,700	1/4	15,418	1/4	26,140	1/4	36,844	1/4	47,570	1/4	58,296	1/4	69,022	1/4	79,748	1/4	90,473	1/4	101,197
1/2	4,922	1/2	15,642	1/2	26,363	1/2	37,068	1/2	47,794	1/2	58,520	1/2	69,246	1/2	79,972	1/2	90,697	1/2	101,421
3/4	5,144	3/4	15,865	3/4	26,586	3/4	37,291	3/4	48,017	3/4	58,743	3/4	69,469	3/4	80,195	3/4	90,920	3/4	101,644
9	5,366	9	16,089	9	26,809	9	37,515	9	48,241	9	58,967	9	69,693	9	80,419	9	91,143	9	101,868
1/4	5,589	1/4	16,312	1/4	27,031	1/4	37,738	1/4	48,464	1/4	59,190	1/4	69,916	1/4	80,642	1/4	91,367	1/4	102,091
1/2	5,812	1/2	16,536	1/2	27,254	1/2	37,961	1/2	48,688	1/2	59,414	1/2	70,140	1/2	80,866	1/2	91,590	1/2	102,315
3/4	6,035	3/4	16,759	3/4	27,477	3/4	38,185	3/4	48,911	3/4	59,637	3/4	70,363	3/4	81,089	3/4	91,814	3/4	102,538
10	6,258	10	16,982	10	27,700	10	38,408	10	49,134	10	59,861	10	70,587	10	81,313	10	92,037	10	102,761
1/4	6,481	1/4	17,206	1/4	27,922	1/4	38,632	1/4	49,358	1/4	60,084	1/4	70,810	1/4	81,536	1/4	92,261	1/4	102,985
1/2	6,704	1/2	17,429	1/2	28,145	1/2	38,855	1/2	49,581	1/2	60,307	1/2	71,033	1/2	81,760	1/2	92,484	1/2	103,208
3/4	6,927	3/4	17,653	3/4	28,368	3/4	39,079	3/4	49,805	3/4	60,531	3/4	71,257	3/4	81,983	3/4	92,707	3/4	103,432
11	7,151	11	17,876	11	28,591	11	39,302	11	50,028	11	60,754	11	71,480	11	82,206	11	92,931	11	103,655
1/4	7,374	1/4	18,100	1/4	28,813	1/4	39,526	1/4	50,252	1/4	60,978	1/4	71,704	1/4	82,430	1/4	93,154	1/4	103,879
1/2	7,598	1/2	18,323	1/2	29,036	1/2	39,749	1/2	50,475	1/2	61,201	1/2	71,927	1/2	82,653	1/2	93,378	1/2	104,102
3/4	7,821	3/4	18,547	3/4	29,259	3/4	39,973	3/4	50,699	3/4	61,425	3/4	72,151	3/4	82,877	3/4	93,601	3/4	104,325

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1379"

## 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	104,549	0	115,273	0	125,997	0	136,663	0	147,295	0		0		0		0		0	
1/4	104,772	1/4	115,496	1/4	126,219	1/4	136,885	1/4	147,515	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,996	1/2	115,720	1/2	126,442	1/2	137,107	1/2	147,736	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,219	3/4	115,943	3/4	126,664	3/4	137,329	3/4	147,956	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,442	1	116,167	1	126,886	1	137,551	1	148,176	1	1	1	1	1	1	1	1	1	1
1/4	105,666	1/4	116,390	1/4	127,108	1/4	137,774	1/4	148,396	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,889	1/2	116,614	1/2	127,330	1/2	137,996	1/2	148,616	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,113	3/4	116,837	3/4	127,553	3/4	138,218	3/4	148,836	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,336	2	117,060	2	127,775	2	138,440	2	149,056	2	2	2	2	2	2	2	2	2	2
1/4	106,560	1/4	117,284	1/4	127,997	1/4	138,662	1/4	149,258	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,783	1/2	117,507	1/2	128,219	1/2	138,885	1/2	149,459	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,006	3/4	117,731	3/4	128,441	3/4	139,107	3/4	149,661	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,230	3	117,954	3	128,664	3	139,329	3	149,863	3	3	3	3	3	3	3	3	3	3
1/4	107,453	1/4	118,177	1/4	128,886	1/4	139,551	1/4	150,027	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,677	1/2	118,401	1/2	129,108	1/2	139,773	1/2	150,191	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,900	3/4	118,624	3/4	129,330	3/4	139,996	3/4	150,355	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,124	4	118,848	4	129,552	4	140,218	4	150,520	4	4	4	4	4	4	4	4	4	4
1/4	108,347	1/4	119,071	1/4	129,775	1/4	140,440	1/4	150,647	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,570	1/2	119,295	1/2	129,997	1/2	140,662	1/2	150,774	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,794	3/4	119,518	3/4	130,219	3/4	140,884	3/4	150,901	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,017	5	119,741	5	130,441	5	141,107	5	151,028	5	5	5	5	5	5	5	5	5	5
1/4	109,241	1/4	119,965	1/4	130,663	1/4	141,329	1/4	151,118	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,464	1/2	120,188	1/2	130,886	1/2	141,551	1/2	151,207	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,687	3/4	120,412	3/4	131,108	3/4	141,773	3/4	151,297	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,911	6	120,635	6	131,330	6	141,995	6	151,387	6	6	6	6	6	6	6	6	6	6
1/4	110,134	1/4	120,859	1/4	131,552	1/4	142,218	1/4	151,439	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,358	1/2	121,082	1/2	131,774	1/2	142,440	1/2	151,492	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,581	3/4	121,305	3/4	131,997	3/4	142,662	3/4	151,545	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,805	7	121,529	7	132,219	7	142,884	7	151,597	7	7	7	7	7	7	7	7	7	7
1/4	111,028	1/4	121,752	1/4	132,441	1/4	143,106	1/4	151,612	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,251	1/2	121,976	1/2	132,663	1/2	143,329	1/2	151,628	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,475	3/4	122,199	3/4	132,885	3/4	143,551	3/4	151,643	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,698	8	122,423	8	133,108	8	143,773	8	151,658	8	8	8	8	8	8	8	8	8	8
1/4	111,922	1/4	122,646	1/4	133,330	1/4	143,993	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,145	1/2	122,869	1/2	133,552	1/2	144,213	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,369	3/4	123,093	3/4	133,774	3/4	144,433	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,592	9	123,316	9	133,996	9	144,654	9		9	9	9	9	9	9	9	9	9	9
1/4	112,815	1/4	123,540	1/4	134,219	1/4	144,874	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,039	1/2	123,763	1/2	134,441	1/2	145,094	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,262	3/4	123,986	3/4	134,663	3/4	145,314	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,486	10	124,210	10	134,885	10	145,534	10		10	10	10	10	10	10	10	10	10	10
1/4	113,709	1/4	124,433	1/4	135,107	1/4	145,754	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,932	1/2	124,657	1/2	135,330	1/2	145,974	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,156	3/4	124,880	3/4	135,552	3/4	146,195	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,379	11	125,104	11	135,774	11	146,415	11		11	11	11	11	11	11	11	11	11	11
1/4	114,603	1/4	125,327	1/4	135,996	1/4	146,635	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,826	1/2	125,550	1/2	136,218	1/2	146,855	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,050	3/4	125,774	3/4	136,440	3/4	147,075	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: 08/16/2014 SW  
CALCULATED: 08/16/2014 CL  
PRINTED: 08/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2014

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



# BARGE "CBC 1379"

## 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	- 00-1/4	00-1/4
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	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 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"

August 15, 2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1379"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/2"

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	141,145	0	131,730	0	122,301	0	112,843	0	102,469	0	91,705	0	80,941
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,951	1/4	131,535	1/4	122,104	1/4	112,646	1/4	102,245	1/4	91,481	1/4	80,716
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,756	1/2	131,339	1/2	121,906	1/2	112,450	1/2	102,020	1/2	91,256	1/2	80,492
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,562	3/4	131,143	3/4	121,709	3/4	112,253	3/4	101,796	3/4	91,032	3/4	80,268
1		1		1		1	140,367	1	130,947	1	121,512	1	112,056	1	101,572	1	90,808	1	80,043
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,173	1/4	130,751	1/4	121,315	1/4	111,859	1/4	101,348	1/4	90,584	1/4	79,819
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,279	1/2	139,978	1/2	121,118	1/2	111,662	1/2	101,123	1/2	90,359	1/2	79,595
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,263	3/4	139,782	3/4	130,359	3/4	120,921	3/4	111,465	3/4	100,899	3/4	79,371
2		2		2		2	147,247	2	139,585	2	130,164	2	120,724	2	111,268	2	100,675	2	89,911
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,231	1/4	139,389	1/4	129,968	1/4	120,527	1/4	111,072	1/4	100,451	1/4	89,687
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,215	1/2	139,192	1/2	129,772	1/2	120,330	1/2	110,875	1/2	100,226	1/2	89,462
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,161	3/4	138,996	3/4	129,576	3/4	120,133	3/4	110,678	3/4	100,002	3/4	89,238
3		3		3		3	147,108	3	138,799	3	129,380	3	119,936	3	110,481	3	99,778	3	89,014
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,054	1/4	138,603	1/4	129,184	1/4	119,739	1/4	110,284	1/4	99,554	1/4	88,790
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,001	1/2	138,406	1/2	128,989	1/2	119,542	1/2	110,087	1/2	99,329	1/2	88,565
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,910	3/4	138,209	3/4	128,792	3/4	119,345	3/4	109,863	3/4	99,105	3/4	88,341
4		4		4		4	146,819	4	138,013	4	128,595	4	119,147	4	109,639	4	98,881	4	88,117
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,728	1/4	137,816	1/4	128,399	1/4	118,950	1/4	109,415	1/4	98,657	1/4	87,893
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,637	1/2	137,620	1/2	128,202	1/2	118,753	1/2	109,191	1/2	98,432	1/2	87,668
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,508	3/4	137,423	3/4	128,006	3/4	118,556	3/4	108,967	3/4	98,208	3/4	87,444
5		5		5		5	146,380	5	137,227	5	127,809	5	118,359	5	108,743	5	97,984	5	87,220
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,252	1/4	137,030	1/4	127,613	1/4	118,162	1/4	108,519	1/4	97,760	1/4	86,996
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,123	1/2	136,834	1/2	127,416	1/2	117,965	1/2	108,295	1/2	97,535	1/2	86,771
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,957	3/4	136,637	3/4	127,220	3/4	117,768	3/4	108,071	3/4	97,311	3/4	86,547
6		6		6		6	145,791	6	136,441	6	127,023	6	117,571	6	107,847	6	97,087	6	86,323
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,625	1/4	136,244	1/4	126,826	1/4	117,374	1/4	107,623	1/4	96,863	1/4	86,099
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,459	1/2	136,047	1/2	126,630	1/2	117,177	1/2	107,399	1/2	96,638	1/2	85,874
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,256	3/4	135,851	3/4	126,433	3/4	116,980	3/4	107,175	3/4	96,414	3/4	85,650
7		7		7		7	145,053	7	135,654	7	126,237	7	116,783	7	106,951	7	96,190	7	85,426
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,849	1/4	135,458	1/4	126,040	1/4	116,585	1/4	106,727	1/4	95,966	1/4	85,202
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,646	1/2	135,261	1/2	125,844	1/2	116,388	1/2	106,503	1/2	95,741	1/2	84,977
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,451	3/4	135,065	3/4	125,647	3/4	116,191	3/4	106,279	3/4	95,517	3/4	84,753
8		8		8		8	144,257	8	134,868	8	125,451	8	115,994	8	106,055	8	95,293	8	84,529
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,062	1/4	134,672	1/4	125,254	1/4	115,797	1/4	105,831	1/4	95,069	1/4	84,305
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,868	1/2	134,475	1/2	125,058	1/2	115,600	1/2	105,607	1/2	94,844	1/2	84,080
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,673	3/4	134,279	3/4	124,861	3/4	115,403	3/4	105,383	3/4	94,620	3/4	83,856
9		9		9		9	143,479	9	134,082	9	124,664	9	115,206	9	105,159	9	94,396	9	83,632
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,285	1/4	133,885	1/4	124,468	1/4	115,009	1/4	104,935	1/4	94,172	1/4	83,408
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,090	1/2	133,689	1/2	124,271	1/2	114,812	1/2	104,711	1/2	93,947	1/2	83,183
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,896	3/4	133,493	3/4	124,074	3/4	114,615	3/4	104,487	3/4	93,723	3/4	82,959
10		10		10		10	142,701	10	133,297	10	123,877	10	114,418	10	104,263	10	93,499	10	82,735
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,507	1/4	133,101	1/4	123,680	1/4	114,221	1/4	104,039	1/4	93,275	1/4	82,511
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,312	1/2	132,905	1/2	123,483	1/2	114,024	1/2	103,814	1/2	93,050	1/2	82,286
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,118	3/4	132,710	3/4	123,286	3/4	113,828	3/4	103,590	3/4	92,826	3/4	82,062
11		11		11		11	141,923	11	132,514	11	123,089	11	113,631	11	103,366	11	92,602	11	81,838
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,729	1/4	132,318	1/4	122,892	1/4	113,434	1/4	103,142	1/4	92,378	1/4	81,613
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,534	1/2	132,122	1/2	122,695	1/2	113,237	1/2	102,917	1/2	92,153	1/2	81,389
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,340	3/4	131,926	3/4	122,498	3/4	113,040	3/4	102,693	3/4	91,929	3/4	81,165

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 1379"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/2"

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	70,216	0	59,465	0	48,704	0	37,944	0	27,334	0	16,632	0	5,846	0		0		0	
1/4	69,993	1/4	59,241	1/4	48,480	1/4	37,719	1/4	27,116	1/4	16,407	1/4	5,621	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,770	1/2	59,017	1/2	48,256	1/2	37,495	1/2	26,897	1/2	16,182	1/2	5,397	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,546	3/4	58,792	3/4	48,032	3/4	37,271	3/4	26,679	3/4	15,958	3/4	5,174	3/4	3/4	3/4	3/4	3/4	3/4
1	69,323	1	58,568	1	47,808	1	37,047	1	26,461	1	15,733	1	4,951	1	1	1	1	1	1
1/4	69,099	1/4	58,344	1/4	47,583	1/4	36,823	1/4	26,242	1/4	15,508	1/4	4,727	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,876	1/2	58,120	1/2	47,359	1/2	36,599	1/2	26,024	1/2	15,283	1/2	4,504	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,652	3/4	57,896	3/4	47,135	3/4	36,374	3/4	25,805	3/4	15,059	3/4	4,282	3/4	3/4	3/4	3/4	3/4	3/4
2	68,429	2	57,671	2	46,911	2	36,150	2	25,586	2	14,834	2	4,059	2	2	2	2	2	2
1/4	68,205	1/4	57,447	1/4	46,687	1/4	35,926	1/4	25,368	1/4	14,609	1/4	3,837	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,981	1/2	57,223	1/2	46,462	1/2	35,702	1/2	25,149	1/2	14,384	1/2	3,615	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,758	3/4	56,999	3/4	46,238	3/4	35,478	3/4	24,930	3/4	14,160	3/4	3,395	3/4	3/4	3/4	3/4	3/4	3/4
3	67,534	3	56,775	3	46,014	3	35,253	3	24,711	3	13,935	3	3,174	3	3	3	3	3	3
1/4	67,311	1/4	56,551	1/4	45,790	1/4	35,029	1/4	24,493	1/4	13,710	1/4	2,954	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,087	1/2	56,326	1/2	45,566	1/2	34,805	1/2	24,274	1/2	13,485	1/2	2,734	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,863	3/4	56,102	3/4	45,342	3/4	34,581	3/4	24,049	3/4	13,261	3/4	2,528	3/4	3/4	3/4	3/4	3/4	3/4
4	66,639	4	55,878	4	45,117	4	34,357	4	23,824	4	13,036	4	2,323	4	4	4	4	4	4
1/4	66,414	1/4	55,654	1/4	44,893	1/4	34,133	1/4	23,600	1/4	12,811	1/4	2,117	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,190	1/2	55,430	1/2	44,669	1/2	33,908	1/2	23,375	1/2	12,586	1/2	1,912	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,966	3/4	55,205	3/4	44,445	3/4	33,684	3/4	23,150	3/4	12,362	3/4	1,743	3/4	3/4	3/4	3/4	3/4	3/4
5	65,742	5	54,981	5	44,221	5	33,460	5	22,925	5	12,137	5	1,575	5	5	5	5	5	5
1/4	65,518	1/4	54,757	1/4	43,996	1/4	33,236	1/4	22,701	1/4	11,912	1/4	1,406	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,294	1/2	54,533	1/2	43,772	1/2	33,012	1/2	22,476	1/2	11,687	1/2	1,238	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,069	3/4	54,309	3/4	43,548	3/4	32,793	3/4	22,251	3/4	11,462	3/4	1,107	3/4	3/4	3/4	3/4	3/4	3/4
6	64,845	6	54,085	6	43,324	6	32,575	6	22,026	6	11,238	6	976	6	6	6	6	6	6
1/4	64,621	1/4	53,860	1/4	43,100	1/4	32,357	1/4	21,802	1/4	11,013	1/4	845	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,397	1/2	53,636	1/2	42,876	1/2	32,138	1/2	21,577	1/2	10,788	1/2	714	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,173	3/4	53,412	3/4	42,651	3/4	31,920	3/4	21,352	3/4	10,563	3/4	620	3/4	3/4	3/4	3/4	3/4	3/4
7	63,948	7	53,188	7	42,427	7	31,701	7	21,127	7	10,339	7	526	7	7	7	7	7	7
1/4	63,724	1/4	52,964	1/4	42,203	1/4	31,483	1/4	20,902	1/4	10,114	1/4	433	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,500	1/2	52,739	1/2	41,979	1/2	31,265	1/2	20,678	1/2	9,889	1/2	339	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,276	3/4	52,515	3/4	41,755	3/4	31,046	3/4	20,453	3/4	9,664	3/4	283	3/4	3/4	3/4	3/4	3/4	3/4
8	63,052	8	52,291	8	41,530	8	30,828	8	20,228	8	9,440	8	227	8	8	8	8	8	8
1/4	62,828	1/4	52,067	1/4	41,306	1/4	30,610	1/4	20,003	1/4	9,215	1/4	170	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,603	1/2	51,843	1/2	41,082	1/2	30,391	1/2	19,779	1/2	8,990	1/2	114	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,379	3/4	51,619	3/4	40,858	3/4	30,173	3/4	19,554	3/4	8,765	3/4	96	3/4	3/4	3/4	3/4	3/4	3/4
9	62,155	9	51,394	9	40,634	9	29,955	9	19,329	9	8,541	9	77	9	9	9	9	9	9
1/4	61,931	1/4	51,170	1/4	40,410	1/4	29,736	1/4	19,104	1/4	8,316	1/4	58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,707	1/2	50,946	1/2	40,185	1/2	29,518	1/2	18,880	1/2	8,091	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,482	3/4	50,722	3/4	39,961	3/4	29,299	3/4	18,655	3/4	7,866	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	61,258	10	50,498	10	39,737	10	29,081	10	18,430	10	7,642	10		10	10	10	10	10	10
1/4	61,034	1/4	50,273	1/4	39,513	1/4	28,863	1/4	18,205	1/4	7,417	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,810	1/2	50,049	1/2	39,289	1/2	28,644	1/2	17,981	1/2	7,192	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,586	3/4	49,825	3/4	39,065	3/4	28,426	3/4	17,756	3/4	6,968	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	60,362	11	49,601	11	38,840	11	28,208	11	17,531	11	6,743	11		11	11	11	11	11	11
1/4	60,137	1/4	49,377	1/4	38,616	1/4	27,989	1/4	17,306	1/4	6,518	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,913	1/2	49,153	1/2	38,392	1/2	27,771	1/2	17,082	1/2	6,294	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,689	3/4	48,928	3/4	38,168	3/4	27,552	3/4	16,857	3/4	6,070	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/16/2014 SW  
CALCULATED: 08/16/2014 CL  
PRINTED: 08/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2014

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



# BARGE "CBC 1379"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 3/4"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	163,228	0	151,245	0	139,234	0	127,167	0	115,101	0	103,035	0	90,968	
1/4	1/4	1/4	1/4	1/4	1/4	162,981	1/4	150,995	1/4	138,982	1/4	126,916	1/4	114,849	1/4	102,783	1/4	90,716	
1/2	1/2	1/2	1/2	1/2	1/2	162,733	1/2	150,745	1/2	138,731	1/2	126,664	1/2	114,598	1/2	102,532	1/2	90,465	
3/4	3/4	3/4	3/4	3/4	3/4	162,485	3/4	150,495	3/4	138,479	3/4	126,413	3/4	114,347	3/4	102,280	3/4	90,214	
1	1	1	1	1	1	162,238	1	150,245	1	138,228	1	126,162	1	114,095	1	102,029	1	89,962	
1/4	1/4	1/4	1/4	1/4	1/4	161,990	1/4	149,995	1/4	137,977	1/4	125,910	1/4	113,844	1/4	101,778	1/4	89,711	
1/2	1/2	1/2	1/2	1/2	1/2	161,742	1/2	149,745	1/2	137,725	1/2	125,659	1/2	113,593	1/2	101,526	1/2	89,459	
3/4	3/4	3/4	3/4	170,366	3/4	161,495	3/4	149,495	3/4	137,474	3/4	125,408	3/4	113,341	3/4	101,275	3/4	89,208	
2	2	2	2	170,349	2	161,245	2	149,245	2	137,222	2	125,156	2	113,090	2	101,024	2	88,956	
1/4	1/4	1/4	1/4	170,332	1/4	160,995	1/4	148,995	1/4	136,971	1/4	124,905	1/4	112,838	1/4	100,772	1/4	88,705	
1/2	1/2	1/2	1/2	170,314	1/2	160,745	1/2	148,745	1/2	136,720	1/2	124,653	1/2	112,587	1/2	100,521	1/2	88,454	
3/4	3/4	3/4	3/4	170,297	3/4	160,495	3/4	148,495	3/4	136,468	3/4	124,402	3/4	112,336	3/4	100,269	3/4	88,202	
3	3	3	3	170,238	3	160,245	3	148,246	3	136,217	3	124,151	3	112,084	3	100,018	3	87,951	
1/4	1/4	1/4	1/4	170,179	1/4	159,995	1/4	147,996	1/4	135,966	1/4	123,899	1/4	111,833	1/4	99,767	1/4	87,699	
1/2	1/2	1/2	1/2	170,120	1/2	159,745	1/2	147,746	1/2	135,714	1/2	123,648	1/2	111,582	1/2	99,515	1/2	87,448	
3/4	3/4	3/4	3/4	170,061	3/4	159,495	3/4	147,496	3/4	135,463	3/4	123,396	3/4	111,330	3/4	99,264	3/4	87,196	
4	4	4	4	169,960	4	159,245	4	147,246	4	135,211	4	123,145	4	111,079	4	99,012	4	86,945	
1/4	1/4	1/4	1/4	169,859	1/4	158,995	1/4	146,996	1/4	134,960	1/4	122,894	1/4	110,827	1/4	98,761	1/4	86,694	
1/2	1/2	1/2	1/2	169,758	1/2	158,745	1/2	146,746	1/2	134,709	1/2	122,642	1/2	110,576	1/2	98,510	1/2	86,442	
3/4	3/4	3/4	3/4	169,657	3/4	158,495	3/4	146,496	3/4	134,457	3/4	122,391	3/4	110,325	3/4	98,258	3/4	86,191	
5	5	5	5	169,514	5	158,245	5	146,246	5	134,206	5	122,140	5	110,073	5	98,007	5	85,939	
1/4	1/4	1/4	1/4	169,371	1/4	157,995	1/4	145,996	1/4	133,954	1/4	121,888	1/4	109,822	1/4	97,756	1/4	85,688	
1/2	1/2	1/2	1/2	169,228	1/2	157,745	1/2	145,746	1/2	133,703	1/2	121,637	1/2	109,570	1/2	97,504	1/2	85,436	
3/4	3/4	3/4	3/4	169,085	3/4	157,495	3/4	145,496	3/4	133,452	3/4	121,385	3/4	109,319	3/4	97,253	3/4	85,185	
6	6	6	6	168,900	6	157,245	6	145,246	6	133,200	6	121,134	6	109,068	6	97,001	6	84,934	
1/4	1/4	1/4	1/4	168,715	1/4	156,995	1/4	144,996	1/4	132,949	1/4	120,883	1/4	108,816	1/4	96,750	1/4	84,682	
1/2	1/2	1/2	1/2	168,531	1/2	156,745	1/2	144,746	1/2	132,698	1/2	120,631	1/2	108,565	1/2	96,499	1/2	84,431	
3/4	3/4	3/4	3/4	168,346	3/4	156,495	3/4	144,496	3/4	132,446	3/4	120,380	3/4	108,314	3/4	96,247	3/4	84,179	
7	7	7	7	168,119	7	156,245	7	144,246	7	132,195	7	120,129	7	108,062	7	95,996	7	83,928	
1/4	1/4	1/4	1/4	167,892	1/4	155,995	1/4	143,996	1/4	131,943	1/4	119,877	1/4	107,811	1/4	95,744	1/4	83,677	
1/2	1/2	1/2	1/2	167,666	1/2	155,745	1/2	143,746	1/2	131,692	1/2	119,626	1/2	107,559	1/2	95,493	1/2	83,425	
3/4	3/4	3/4	3/4	167,439	3/4	155,495	3/4	143,496	3/4	131,441	3/4	119,374	3/4	107,308	3/4	95,242	3/4	83,174	
8	8	8	8	167,191	8	155,245	8	143,246	8	131,189	8	119,123	8	107,057	8	94,990	8	82,922	
1/4	1/4	1/4	1/4	166,943	1/4	154,995	1/4	142,996	1/4	130,938	1/4	118,872	1/4	106,805	1/4	94,739	1/4	82,671	
1/2	1/2	1/2	1/2	166,696	1/2	154,745	1/2	142,746	1/2	130,687	1/2	118,620	1/2	106,554	1/2	94,488	1/2	82,419	
3/4	3/4	3/4	3/4	166,448	3/4	154,495	3/4	142,496	3/4	130,435	3/4	118,369	3/4	106,303	3/4	94,236	3/4	82,168	
9	9	9	9	166,200	9	154,245	9	142,246	9	130,184	9	118,117	9	106,051	9	93,985	9	81,917	
1/4	1/4	1/4	1/4	165,953	1/4	153,995	1/4	141,996	1/4	129,932	1/4	117,866	1/4	105,800	1/4	93,733	1/4	81,665	
1/2	1/2	1/2	1/2	165,705	1/2	153,745	1/2	141,746	1/2	129,681	1/2	117,615	1/2	105,548	1/2	93,482	1/2	81,414	
3/4	3/4	3/4	3/4	165,457	3/4	153,495	3/4	141,496	3/4	129,430	3/4	117,363	3/4	105,297	3/4	93,231	3/4	81,162	
10	10	10	10	165,210	10	153,245	10	141,245	10	129,178	10	117,112	10	105,046	10	92,979	10	80,911	
1/4	1/4	1/4	1/4	164,962	1/4	152,995	1/4	140,993	1/4	128,927	1/4	116,861	1/4	104,794	1/4	92,728	1/4	80,659	
1/2	1/2	1/2	1/2	164,714	1/2	152,745	1/2	140,742	1/2	128,675	1/2	116,609	1/2	104,543	1/2	92,476	1/2	80,408	
3/4	3/4	3/4	3/4	164,467	3/4	152,495	3/4	140,490	3/4	128,424	3/4	116,358	3/4	104,291	3/4	92,225	3/4	80,157	
11	11	11	11	164,219	11	152,245	11	140,239	11	128,173	11	116,106	11	104,040	11	91,974	11	79,905	
1/4	1/4	1/4	1/4	163,971	1/4	151,995	1/4	139,988	1/4	127,921	1/4	115,855	1/4	103,789	1/4	91,722	1/4	79,654	
1/2	1/2	1/2	1/2	163,724	1/2	151,745	1/2	139,736	1/2	127,670	1/2	115,604	1/2	103,537	1/2	91,471	1/2	79,402	
3/4	3/4	3/4	3/4	163,476	3/4	151,495	3/4	139,485	3/4	127,419	3/4	115,352	3/4	103,286	3/4	91,219	3/4	79,151	

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1379"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	78,899	0	66,831	0	54,763	0	42,694	0	30,839	0	18,851	0	6,785	0		0		0	
1/4	78,648	1/4	66,580	1/4	54,511	1/4	42,443	1/4	30,595	1/4	18,600	1/4	6,535	1/4	1/4		1/4		1/4
1/2	78,397	1/2	66,328	1/2	54,260	1/2	42,191	1/2	30,351	1/2	18,349	1/2	6,284	1/2	1/2		1/2		1/2
3/4	78,145	3/4	66,077	3/4	54,008	3/4	41,940	3/4	30,107	3/4	18,097	3/4	6,033	3/4	3/4		3/4		3/4
1	77,894	1	65,825	1	53,757	1	41,689	1	29,863	1	17,846	1	5,783	1	1		1		1
1/4	77,642	1/4	65,574	1/4	53,506	1/4	41,437	1/4	29,619	1/4	17,594	1/4	5,533	1/4	1/4		1/4		1/4
1/2	77,391	1/2	65,323	1/2	53,254	1/2	41,186	1/2	29,375	1/2	17,343	1/2	5,283	1/2	1/2		1/2		1/2
3/4	77,139	3/4	65,071	3/4	53,003	3/4	40,934	3/4	29,131	3/4	17,092	3/4	5,034	3/4	3/4		3/4		3/4
2	76,888	2	64,820	2	52,751	2	40,683	2	28,887	2	16,840	2	4,785	2	2		2		2
1/4	76,637	1/4	64,568	1/4	52,500	1/4	40,431	1/4	28,643	1/4	16,589	1/4	4,536	1/4	1/4		1/4		1/4
1/2	76,385	1/2	64,317	1/2	52,248	1/2	40,180	1/2	28,398	1/2	16,337	1/2	4,288	1/2	1/2		1/2		1/2
3/4	76,134	3/4	64,065	3/4	51,997	3/4	39,929	3/4	28,154	3/4	16,086	3/4	4,039	3/4	3/4		3/4		3/4
3	75,882	3	63,814	3	51,746	3	39,677	3	27,902	3	15,834	3	3,793	3	3		3		3
1/4	75,631	1/4	63,563	1/4	51,494	1/4	39,426	1/4	27,651	1/4	15,583	1/4	3,546	1/4	1/4		1/4		1/4
1/2	75,380	1/2	63,311	1/2	51,243	1/2	39,174	1/2	27,400	1/2	15,332	1/2	3,300	1/2	1/2		1/2		1/2
3/4	75,128	3/4	63,060	3/4	50,991	3/4	38,923	3/4	27,148	3/4	15,080	3/4	3,054	3/4	3/4		3/4		3/4
4	74,877	4	62,808	4	50,740	4	38,671	4	26,897	4	14,829	4	2,824	4	4		4		4
1/4	74,625	1/4	62,557	1/4	50,488	1/4	38,420	1/4	26,645	1/4	14,577	1/4	2,594	1/4	1/4		1/4		1/4
1/2	74,374	1/2	62,305	1/2	50,237	1/2	38,169	1/2	26,394	1/2	14,326	1/2	2,364	1/2	1/2		1/2		1/2
3/4	74,122	3/4	62,054	3/4	49,986	3/4	37,917	3/4	26,143	3/4	14,075	3/4	2,134	3/4	3/4		3/4		3/4
5	73,871	5	61,803	5	49,734	5	37,673	5	25,891	5	13,823	5	1,946	5	5		5		5
1/4	73,620	1/4	61,551	1/4	49,483	1/4	37,428	1/4	25,640	1/4	13,572	1/4	1,757	1/4	1/4		1/4		1/4
1/2	73,368	1/2	61,300	1/2	49,232	1/2	37,184	1/2	25,388	1/2	13,320	1/2	1,569	1/2	1/2		1/2		1/2
3/4	73,117	3/4	61,048	3/4	48,980	3/4	36,940	3/4	25,137	3/4	13,069	3/4	1,380	3/4	3/4		3/4		3/4
6	72,865	6	60,797	6	48,728	6	36,696	6	24,885	6	12,817	6	1,233	6	6		6		6
1/4	72,614	1/4	60,545	1/4	48,477	1/4	36,452	1/4	24,634	1/4	12,566	1/4	1,087	1/4	1/4		1/4		1/4
1/2	72,362	1/2	60,294	1/2	48,226	1/2	36,208	1/2	24,383	1/2	12,315	1/2	940	1/2	1/2		1/2		1/2
3/4	72,111	3/4	60,043	3/4	47,974	3/4	35,964	3/4	24,131	3/4	12,063	3/4	793	3/4	3/4		3/4		3/4
7	71,860	7	59,791	7	47,723	7	35,720	7	23,880	7	11,812	7	689	7	7		7		7
1/4	71,608	1/4	59,540	1/4	47,471	1/4	35,476	1/4	23,628	1/4	11,560	1/4	584	1/4	1/4		1/4		1/4
1/2	71,357	1/2	59,288	1/2	47,220	1/2	35,232	1/2	23,377	1/2	11,309	1/2	479	1/2	1/2		1/2		1/2
3/4	71,105	3/4	59,037	3/4	46,968	3/4	34,988	3/4	23,126	3/4	11,058	3/4	374	3/4	3/4		3/4		3/4
8	70,854	8	58,785	8	46,717	8	34,744	8	22,874	8	10,806	8	312	8	8		8		8
1/4	70,602	1/4	58,534	1/4	46,466	1/4	34,500	1/4	22,623	1/4	10,555	1/4	249	1/4	1/4		1/4		1/4
1/2	70,351	1/2	58,283	1/2	46,214	1/2	34,256	1/2	22,371	1/2	10,303	1/2	186	1/2	1/2		1/2		1/2
3/4	70,100	3/4	58,031	3/4	45,963	3/4	34,012	3/4	22,120	3/4	10,052	3/4	123	3/4	3/4		3/4		3/4
9	69,848	9	57,780	9	45,711	9	33,768	9	21,868	9	9,801	9	102	9	9		9		9
1/4	69,597	1/4	57,528	1/4	45,460	1/4	33,524	1/4	21,617	1/4	9,549	1/4	81	1/4	1/4		1/4		1/4
1/2	69,345	1/2	57,277	1/2	45,209	1/2	33,280	1/2	21,366	1/2	9,298	1/2	60	1/2	1/2		1/2		1/2
3/4	69,094	3/4	57,025	3/4	44,957	3/4	33,036	3/4	21,114	3/4	9,046	3/4	39	3/4	3/4		3/4		3/4
10	68,842	10	56,774	10	44,706	10	32,791	10	20,863	10	8,795	10		10	10		10		10
1/4	68,591	1/4	56,523	1/4	44,454	1/4	32,547	1/4	20,611	1/4	8,543	1/4		1/4	1/4		1/4		1/4
1/2	68,340	1/2	56,271	1/2	44,203	1/2	32,303	1/2	20,360	1/2	8,292	1/2		1/2	1/2		1/2		1/2
3/4	68,088	3/4	56,020	3/4	43,951	3/4	32,059	3/4	20,109	3/4	8,041	3/4		3/4	3/4		3/4		3/4
11	67,837	11	55,768	11	43,700	11	31,815	11	19,857	11	7,789	11		11	11		11		11
1/4	67,585	1/4	55,517	1/4	43,449	1/4	31,571	1/4	19,606	1/4	7,538	1/4		1/4	1/4		1/4		1/4
1/2	67,334	1/2	55,266	1/2	43,197	1/2	31,327	1/2	19,354	1/2	7,287	1/2		1/2	1/2		1/2		1/2
3/4	67,082	3/4	55,014	3/4	42,946	3/4	31,083	3/4	19,103	3/4	7,036	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/16/2014 SW  
CALCULATED: 08/16/2014 CL  
PRINTED: 08/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2014

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



# BARGE "CBC 1379"

## 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	144,874	0	134,219	0	123,540	0	112,815	0	102,091	0	91,367	0	80,642
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,654	1/4	133,996	1/4	123,316	1/4	112,592	1/4	101,868	1/4	91,143	1/4	80,419
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,433	1/2	133,774	1/2	123,093	1/2	112,369	1/2	101,644	1/2	90,920	1/2	80,195
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,213	3/4	133,552	3/4	122,869	3/4	112,145	3/4	101,421	3/4	90,697	3/4	79,972
1		1		1		1	143,993	1	133,330	1	122,646	1	111,922	1	101,197	1	90,473	1	79,748
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,658	1/4	143,773	1/4	133,108	1/4	122,423	1/4	111,698	1/4	100,974	1/4	90,250
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,643	1/2	143,551	1/2	132,885	1/2	122,199	1/2	111,475	1/2	100,751	1/2	90,026
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,628	3/4	143,329	3/4	132,663	3/4	121,976	3/4	111,251	3/4	100,527	3/4	89,803
2		2		2		2	151,612	2	143,106	2	132,441	2	121,752	2	111,028	2	100,304	2	89,580
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,597	1/4	142,884	1/4	132,219	1/4	121,529	1/4	110,805	1/4	100,080	1/4	89,356
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,545	1/2	142,662	1/2	131,997	1/2	121,305	1/2	110,581	1/2	99,857	1/2	89,133
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,492	3/4	142,440	3/4	131,774	3/4	121,082	3/4	110,358	3/4	99,633	3/4	88,909
3		3		3		3	151,439	3	142,218	3	131,552	3	120,859	3	110,134	3	99,410	3	88,686
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,387	1/4	141,995	1/4	131,330	1/4	120,635	1/4	109,911	1/4	99,187	1/4	88,462
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,297	1/2	141,773	1/2	131,108	1/2	120,412	1/2	109,687	1/2	98,963	1/2	88,239
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,207	3/4	141,551	3/4	130,886	3/4	120,188	3/4	109,464	3/4	98,740	3/4	88,016
4		4		4		4	151,118	4	141,329	4	130,663	4	119,965	4	109,241	4	98,516	4	87,792
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,028	1/4	141,107	1/4	130,441	1/4	119,741	1/4	109,017	1/4	98,293	1/4	87,569
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,901	1/2	140,884	1/2	130,219	1/2	119,518	1/2	108,794	1/2	98,070	1/2	87,345
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,774	3/4	140,662	3/4	129,997	3/4	119,295	3/4	108,570	3/4	97,846	3/4	87,122
5		5		5		5	150,647	5	140,440	5	129,775	5	119,071	5	108,347	5	97,623	5	86,898
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,520	1/4	140,218	1/4	129,552	1/4	118,848	1/4	108,124	1/4	97,399	1/4	86,675
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,355	1/2	139,996	1/2	129,330	1/2	118,624	1/2	107,900	1/2	97,176	1/2	86,452
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,191	3/4	139,773	3/4	129,108	3/4	118,401	3/4	107,677	3/4	96,952	3/4	86,228
6		6		6		6	150,027	6	139,551	6	128,886	6	118,177	6	107,453	6	96,729	6	86,005
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,863	1/4	139,329	1/4	128,664	1/4	117,954	1/4	107,230	1/4	96,506	1/4	85,781
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,661	1/2	139,107	1/2	128,441	1/2	117,731	1/2	107,006	1/2	96,282	1/2	85,558
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,459	3/4	138,885	3/4	128,219	3/4	117,507	3/4	106,783	3/4	96,059	3/4	85,335
7		7		7		7	149,258	7	138,662	7	127,997	7	117,284	7	106,560	7	95,835	7	85,111
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,056	1/4	138,440	1/4	127,775	1/4	117,060	1/4	106,336	1/4	95,612	1/4	84,888
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,836	1/2	138,218	1/2	127,553	1/2	116,837	1/2	106,113	1/2	95,388	1/2	84,664
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,616	3/4	137,996	3/4	127,330	3/4	116,614	3/4	105,889	3/4	95,165	3/4	84,441
8		8		8		8	148,396	8	137,774	8	127,108	8	116,390	8	105,666	8	94,942	8	84,217
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,176	1/4	137,551	1/4	126,886	1/4	116,167	1/4	105,442	1/4	94,718	1/4	83,994
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,956	1/2	137,329	1/2	126,664	1/2	115,943	1/2	105,219	1/2	94,495	1/2	83,771
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,736	3/4	137,107	3/4	126,442	3/4	115,720	3/4	104,996	3/4	94,271	3/4	83,547
9		9		9		9	147,515	9	136,885	9	126,219	9	115,496	9	104,772	9	94,048	9	83,324
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,295	1/4	136,663	1/4	125,997	1/4	115,273	1/4	104,549	1/4	93,825	1/4	83,100
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,075	1/2	136,440	1/2	125,774	1/2	115,050	1/2	104,325	1/2	93,601	1/2	82,877
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,855	3/4	136,218	3/4	125,550	3/4	114,826	3/4	104,102	3/4	93,378	3/4	82,653
10		10		10		10	146,635	10	135,996	10	125,327	10	114,603	10	103,879	10	93,154	10	82,430
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,415	1/4	135,774	1/4	125,104	1/4	114,379	1/4	103,655	1/4	92,931	1/4	82,206
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,195	1/2	135,552	1/2	124,880	1/2	114,156	1/2	103,432	1/2	92,707	1/2	81,983
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,974	3/4	135,330	3/4	124,657	3/4	113,932	3/4	103,208	3/4	92,484	3/4	81,760
11		11		11		11	145,754	11	135,107	11	124,433	11	113,709	11	102,985	11	92,261	11	81,536
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,534	1/4	134,885	1/4	124,210	1/4	113,486	1/4	102,761	1/4	92,037	1/4	81,313
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,314	1/2	134,663	1/2	123,986	1/2	113,262	1/2	102,538	1/2	91,814	1/2	81,089
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,094	3/4	134,441	3/4	123,763	3/4	113,039	3/4	102,315	3/4	91,590	3/4	80,866

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1379"

## 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	69,916	0	59,190	0	48,464	0	37,738	0	27,031	0	16,312	0	5,589	0		0		0	
1/4	69,693	1/4	58,967	1/4	48,241	1/4	37,515	1/4	26,809	1/4	16,089	1/4	5,366	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,469	1/2	58,743	1/2	48,017	1/2	37,291	1/2	26,586	1/2	15,865	1/2	5,144	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,246	3/4	58,520	3/4	47,794	3/4	37,068	3/4	26,363	3/4	15,642	3/4	4,922	3/4	3/4	3/4	3/4	3/4	3/4
1	69,022	1	58,296	1	47,570	1	36,844	1	26,140	1	15,418	1	4,700	1	1	1	1	1	1
1/4	68,799	1/4	58,073	1/4	47,347	1/4	36,621	1/4	25,918	1/4	15,195	1/4	4,478	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,575	1/2	57,849	1/2	47,123	1/2	36,397	1/2	25,695	1/2	14,971	1/2	4,257	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,352	3/4	57,626	3/4	46,900	3/4	36,174	3/4	25,471	3/4	14,748	3/4	4,036	3/4	3/4	3/4	3/4	3/4	3/4
2	68,129	2	57,402	2	46,676	2	35,950	2	25,248	2	14,524	2	3,815	2	2	2	2	2	2
1/4	67,905	1/4	57,179	1/4	46,453	1/4	35,727	1/4	25,025	1/4	14,301	1/4	3,594	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,682	1/2	56,956	1/2	46,229	1/2	35,503	1/2	24,802	1/2	14,078	1/2	3,375	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,458	3/4	56,732	3/4	46,006	3/4	35,280	3/4	24,579	3/4	13,854	3/4	3,156	3/4	3/4	3/4	3/4	3/4	3/4
3	67,235	3	56,509	3	45,783	3	35,056	3	24,356	3	13,631	3	2,937	3	3	3	3	3	3
1/4	67,011	1/4	56,285	1/4	45,559	1/4	34,833	1/4	24,133	1/4	13,407	1/4	2,718	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,788	1/2	56,062	1/2	45,336	1/2	34,610	1/2	23,909	1/2	13,184	1/2	2,514	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,564	3/4	55,838	3/4	45,112	3/4	34,386	3/4	23,686	3/4	12,960	3/4	2,310	3/4	3/4	3/4	3/4	3/4	3/4
4	66,341	4	55,615	4	44,889	4	34,163	4	23,463	4	12,737	4	2,106	4	4	4	4	4	4
1/4	66,117	1/4	55,391	1/4	44,665	1/4	33,939	1/4	23,239	1/4	12,513	1/4	1,901	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,894	1/2	55,168	1/2	44,442	1/2	33,716	1/2	23,016	1/2	12,290	1/2	1,734	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,670	3/4	54,944	3/4	44,218	3/4	33,492	3/4	22,792	3/4	12,067	3/4	1,566	3/4	3/4	3/4	3/4	3/4	3/4
5	65,447	5	54,721	5	43,995	5	33,269	5	22,569	5	11,843	5	1,399	5	5	5	5	5	5
1/4	65,224	1/4	54,497	1/4	43,771	1/4	33,045	1/4	22,345	1/4	11,620	1/4	1,231	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,000	1/2	54,274	1/2	43,548	1/2	32,823	1/2	22,122	1/2	11,396	1/2	1,101	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,777	3/4	54,051	3/4	43,325	3/4	32,600	3/4	21,898	3/4	11,173	3/4	970	3/4	3/4	3/4	3/4	3/4	3/4
6	64,553	6	53,827	6	43,101	6	32,377	6	21,675	6	10,949	6	840	6	6	6	6	6	6
1/4	64,330	1/4	53,604	1/4	42,878	1/4	32,154	1/4	21,451	1/4	10,726	1/4	710	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,106	1/2	53,380	1/2	42,654	1/2	31,932	1/2	21,228	1/2	10,502	1/2	617	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,883	3/4	53,157	3/4	42,431	3/4	31,709	3/4	21,005	3/4	10,279	3/4	523	3/4	3/4	3/4	3/4	3/4	3/4
7	63,659	7	52,933	7	42,207	7	31,486	7	20,781	7	10,055	7	430	7	7	7	7	7	7
1/4	63,436	1/4	52,710	1/4	41,984	1/4	31,263	1/4	20,558	1/4	9,832	1/4	337	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,212	1/2	52,486	1/2	41,760	1/2	31,041	1/2	20,334	1/2	9,609	1/2	281	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,989	3/4	52,263	3/4	41,537	3/4	30,818	3/4	20,111	3/4	9,385	3/4	226	3/4	3/4	3/4	3/4	3/4	3/4
8	62,765	8	52,039	8	41,313	8	30,595	8	19,887	8	9,162	8	170	8	8	8	8	8	8
1/4	62,542	1/4	51,816	1/4	41,090	1/4	30,372	1/4	19,664	1/4	8,938	1/4	114	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,319	1/2	51,593	1/2	40,866	1/2	30,150	1/2	19,440	1/2	8,715	1/2	95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,095	3/4	51,369	3/4	40,643	3/4	29,927	3/4	19,217	3/4	8,491	3/4	77	3/4	3/4	3/4	3/4	3/4	3/4
9	61,872	9	51,146	9	40,420	9	29,704	9	18,994	9	8,268	9	58	9	9	9	9	9	9
1/4	61,648	1/4	50,922	1/4	40,196	1/4	29,482	1/4	18,770	1/4	8,044	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,425	1/2	50,699	1/2	39,973	1/2	29,259	1/2	18,547	1/2	7,821	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,201	3/4	50,475	3/4	39,749	3/4	29,036	3/4	18,323	3/4	7,598	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,978	10	50,252	10	39,526	10	28,813	10	18,100	10	7,374	10	10	10	10	10	10	10	10
1/4	60,754	1/4	50,028	1/4	39,302	1/4	28,591	1/4	17,876	1/4	7,151	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,531	1/2	49,805	1/2	39,079	1/2	28,368	1/2	17,653	1/2	6,927	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,307	3/4	49,581	3/4	38,855	3/4	28,145	3/4	17,429	3/4	6,704	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	60,084	11	49,358	11	38,632	11	27,922	11	17,206	11	6,481	11	11	11	11	11	11	11	11
1/4	59,861	1/4	49,134	1/4	38,408	1/4	27,700	1/4	16,982	1/4	6,258	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,637	1/2	48,911	1/2	38,185	1/2	27,477	1/2	16,759	1/2	6,035	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,414	3/4	48,688	3/4	37,961	3/4	27,254	3/4	16,536	3/4	5,812	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: 08/16/2014 SW  
CALCULATED: 08/16/2014 CL  
PRINTED: 08/16/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2014

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