



# BARGE "CBC 1341"

## 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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 CENTER	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	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 ULLAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

December 12, 2011

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

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# BARGE "CBC 1341"

# 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	8,099	0	18,898	0	29,546	0	40,224	0	50,995	0	61,766	0	72,514	0	83,264	0	94,038
1/4	58	1/4	8,324	1/4	19,123	1/4	29,765	1/4	40,449	1/4	51,220	1/4	61,991	1/4	72,737	1/4	83,488	1/4	94,262
1/2	77	1/2	8,549	1/2	19,348	1/2	29,983	1/2	40,673	1/2	51,444	1/2	62,215	1/2	72,960	1/2	83,712	1/2	94,487
3/4	96	3/4	8,774	3/4	19,573	3/4	30,202	3/4	40,897	3/4	51,668	3/4	62,439	3/4	73,183	3/4	83,937	3/4	94,711
1	114	1	8,999	1	19,798	1	30,421	1	41,122	1	51,893	1	62,664	1	73,406	1	84,161	1	94,936
1/4	171	1/4	9,224	1/4	20,023	1/4	30,639	1/4	41,346	1/4	52,117	1/4	62,888	1/4	73,629	1/4	84,386	1/4	95,160
1/2	227	1/2	9,449	1/2	20,248	1/2	30,858	1/2	41,571	1/2	52,342	1/2	63,113	1/2	73,852	1/2	84,610	1/2	95,385
3/4	283	3/4	9,674	3/4	20,473	3/4	31,076	3/4	41,795	3/4	52,566	3/4	63,337	3/4	74,075	3/4	84,835	3/4	95,609
2	339	2	9,899	2	20,698	2	31,295	2	42,019	2	52,790	2	63,561	2	74,298	2	85,059	2	95,834
1/4	433	1/4	10,124	1/4	20,923	1/4	31,513	1/4	42,244	1/4	53,015	1/4	63,786	1/4	74,521	1/4	85,284	1/4	96,058
1/2	527	1/2	10,349	1/2	21,148	1/2	31,732	1/2	42,468	1/2	53,239	1/2	64,010	1/2	74,744	1/2	85,508	1/2	96,283
3/4	621	3/4	10,574	3/4	21,373	3/4	31,951	3/4	42,693	3/4	53,464	3/4	64,235	3/4	74,967	3/4	85,733	3/4	96,507
3	714	3	10,799	3	21,598	3	32,169	3	42,917	3	53,688	3	64,459	3	75,190	3	85,957	3	96,731
1/4	845	1/4	11,024	1/4	21,823	1/4	32,388	1/4	43,141	1/4	53,912	1/4	64,683	1/4	75,414	1/4	86,182	1/4	96,956
1/2	977	1/2	11,249	1/2	22,047	1/2	32,606	1/2	43,366	1/2	54,137	1/2	64,908	1/2	75,637	1/2	86,406	1/2	97,180
3/4	1,108	3/4	11,474	3/4	22,272	3/4	32,825	3/4	43,590	3/4	54,361	3/4	65,132	3/4	75,860	3/4	86,631	3/4	97,405
4	1,239	4	11,699	4	22,497	4	33,043	4	43,814	4	54,585	4	65,356	4	76,083	4	86,855	4	97,629
1/4	1,408	1/4	11,923	1/4	22,722	1/4	33,268	1/4	44,039	1/4	54,810	1/4	65,581	1/4	76,306	1/4	87,079	1/4	97,854
1/2	1,576	1/2	12,148	1/2	22,947	1/2	33,492	1/2	44,263	1/2	55,034	1/2	65,805	1/2	76,530	1/2	87,304	1/2	98,078
3/4	1,745	3/4	12,373	3/4	23,172	3/4	33,717	3/4	44,488	3/4	55,259	3/4	66,030	3/4	76,754	3/4	87,528	3/4	98,303
5	1,914	5	12,598	5	23,397	5	33,941	5	44,712	5	55,483	5	66,254	5	76,978	5	87,753	5	98,527
1/4	2,119	1/4	12,823	1/4	23,622	1/4	34,165	1/4	44,936	1/4	55,707	1/4	66,478	1/4	77,202	1/4	87,977	1/4	98,752
1/2	2,325	1/2	13,048	1/2	23,847	1/2	34,390	1/2	45,161	1/2	55,932	1/2	66,703	1/2	77,427	1/2	88,202	1/2	98,976
3/4	2,531	3/4	13,273	3/4	24,072	3/4	34,614	3/4	45,385	3/4	56,156	3/4	66,927	3/4	77,651	3/4	88,426	3/4	99,201
6	2,736	6	13,498	6	24,297	6	34,839	6	45,610	6	56,381	6	67,152	6	77,876	6	88,651	6	99,425
1/4	2,957	1/4	13,723	1/4	24,516	1/4	35,063	1/4	45,834	1/4	56,605	1/4	67,375	1/4	78,100	1/4	88,875	1/4	99,650
1/2	3,177	1/2	13,948	1/2	24,735	1/2	35,287	1/2	46,058	1/2	56,829	1/2	67,599	1/2	78,325	1/2	89,100	1/2	99,874
3/4	3,398	3/4	14,173	3/4	24,954	3/4	35,512	3/4	46,283	3/4	57,054	3/4	67,823	3/4	78,549	3/4	89,324	3/4	100,098
7	3,618	7	14,398	7	25,173	7	35,736	7	46,507	7	57,278	7	68,047	7	78,774	7	89,549	7	100,323
1/4	3,841	1/4	14,623	1/4	25,392	1/4	35,961	1/4	46,732	1/4	57,503	1/4	68,271	1/4	78,998	1/4	89,773	1/4	100,547
1/2	4,063	1/2	14,848	1/2	25,611	1/2	36,185	1/2	46,956	1/2	57,727	1/2	68,495	1/2	79,223	1/2	89,998	1/2	100,772
3/4	4,286	3/4	15,073	3/4	25,830	3/4	36,409	3/4	47,180	3/4	57,951	3/4	68,718	3/4	79,447	3/4	90,222	3/4	100,996
8	4,508	8	15,298	8	26,049	8	36,634	8	47,405	8	58,176	8	68,942	8	79,672	8	90,446	8	101,221
1/4	4,732	1/4	15,523	1/4	26,268	1/4	36,858	1/4	47,629	1/4	58,400	1/4	69,166	1/4	79,896	1/4	90,671	1/4	101,445
1/2	4,955	1/2	15,748	1/2	26,486	1/2	37,083	1/2	47,854	1/2	58,625	1/2	69,390	1/2	80,121	1/2	90,895	1/2	101,670
3/4	5,179	3/4	15,973	3/4	26,705	3/4	37,307	3/4	48,078	3/4	58,849	3/4	69,614	3/4	80,345	3/4	91,120	3/4	101,894
9	5,403	9	16,198	9	26,923	9	37,531	9	48,302	9	59,073	9	69,837	9	80,570	9	91,344	9	102,119
1/4	5,627	1/4	16,423	1/4	27,142	1/4	37,756	1/4	48,527	1/4	59,298	1/4	70,060	1/4	80,794	1/4	91,569	1/4	102,343
1/2	5,851	1/2	16,648	1/2	27,360	1/2	37,980	1/2	48,751	1/2	59,522	1/2	70,283	1/2	81,019	1/2	91,793	1/2	102,568
3/4	6,076	3/4	16,873	3/4	27,579	3/4	38,205	3/4	48,976	3/4	59,747	3/4	70,506	3/4	81,243	3/4	92,018	3/4	102,792
10	6,300	10	17,098	10	27,798	10	38,429	10	49,200	10	59,971	10	70,730	10	81,468	10	92,242	10	103,016
1/4	6,525	1/4	17,323	1/4	28,016	1/4	38,653	1/4	49,424	1/4	60,195	1/4	70,953	1/4	81,692	1/4	92,467	1/4	103,241
1/2	6,749	1/2	17,548	1/2	28,235	1/2	38,878	1/2	49,649	1/2	60,420	1/2	71,176	1/2	81,917	1/2	92,691	1/2	103,465
3/4	6,974	3/4	17,773	3/4	28,453	3/4	39,102	3/4	49,873	3/4	60,644	3/4	71,399	3/4	82,141	3/4	92,916	3/4	103,690
11	7,199	11	17,998	11	28,672	11	39,327	11	50,098	11	60,869	11	71,622	11	82,366	11	93,140	11	103,914
1/4	7,424	1/4	18,223	1/4	28,891	1/4	39,551	1/4	50,322	1/4	61,093	1/4	71,845	1/4	82,590	1/4	93,364	1/4	104,139
1/2	7,649	1/2	18,448	1/2	29,109	1/2	39,775	1/2	50,546	1/2	61,317	1/2	72,068	1/2	82,815	1/2	93,589	1/2	104,363
3/4	7,874	3/4	18,673	3/4	29,328	3/4	40,000	3/4	50,771	3/4	61,542	3/4	72,291	3/4	83,039	3/4	93,813	3/4	104,588

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

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# BARGE "CBC 1341"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	104,812	0	114,923	0	124,391	0	133,818	0	143,228	0		0		0		0		0	
1/4	105,036	1/4	115,120	1/4	124,588	1/4	134,015	1/4	143,423	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,261	1/2	115,317	1/2	124,785	1/2	134,211	1/2	143,617	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,485	3/4	115,514	3/4	124,981	3/4	134,408	3/4	143,812	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,709	1	115,712	1	125,178	1	134,605	1	144,007	1	1	1	1	1	1	1	1	1	1
1/4	105,933	1/4	115,909	1/4	125,375	1/4	134,801	1/4	144,201	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,158	1/2	116,106	1/2	125,572	1/2	134,998	1/2	144,396	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,382	3/4	116,303	3/4	125,768	3/4	135,195	3/4	144,591	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,606	2	116,501	2	125,965	2	135,392	2	144,785	2	2	2	2	2	2	2	2	2	2
1/4	106,830	1/4	116,698	1/4	126,162	1/4	135,588	1/4	144,989	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,054	1/2	116,895	1/2	126,359	1/2	135,785	1/2	145,193	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,279	3/4	117,092	3/4	126,555	3/4	135,982	3/4	145,396	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,503	3	117,290	3	126,752	3	136,179	3	145,600	3	3	3	3	3	3	3	3	3	3
1/4	107,727	1/4	117,487	1/4	126,949	1/4	136,375	1/4	145,766	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,951	1/2	117,684	1/2	127,146	1/2	136,572	1/2	145,932	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,175	3/4	117,881	3/4	127,342	3/4	136,769	3/4	146,098	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,400	4	118,079	4	127,539	4	136,966	4	146,264	4	4	4	4	4	4	4	4	4	4
1/4	108,624	1/4	118,276	1/4	127,736	1/4	137,162	1/4	146,393	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,848	1/2	118,473	1/2	127,932	1/2	137,359	1/2	146,521	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,072	3/4	118,671	3/4	128,129	3/4	137,556	3/4	146,650	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,297	5	118,868	5	128,326	5	137,753	5	146,778	5	5	5	5	5	5	5	5	5	5
1/4	109,521	1/4	119,065	1/4	128,523	1/4	137,949	1/4	146,869	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,745	1/2	119,262	1/2	128,719	1/2	138,146	1/2	146,960	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,969	3/4	119,460	3/4	128,916	3/4	138,343	3/4	147,052	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,193	6	119,657	6	129,113	6	138,539	6	147,143	6	6	6	6	6	6	6	6	6	6
1/4	110,390	1/4	119,854	1/4	129,309	1/4	138,736	1/4	147,196	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,587	1/2	120,051	1/2	129,505	1/2	138,933	1/2	147,250	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,785	3/4	120,249	3/4	129,701	3/4	139,130	3/4	147,303	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,982	7	120,446	7	129,897	7	139,326	7	147,357	7	7	7	7	7	7	7	7	7	7
1/4	111,179	1/4	120,643	1/4	130,093	1/4	139,523	1/4	147,373	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,376	1/2	120,840	1/2	130,289	1/2	139,720	1/2	147,389	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,573	3/4	121,038	3/4	130,485	3/4	139,917	3/4	147,405	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,770	8	121,235	8	130,681	8	140,113	8	147,421	8	8	8	8	8	8	8	8	8	8
1/4	111,967	1/4	121,432	1/4	130,877	1/4	140,308	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,164	1/2	121,629	1/2	131,073	1/2	140,503	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,361	3/4	121,827	3/4	131,269	3/4	140,697	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,558	9	122,024	9	131,465	9	140,892	9		9	9	9	9	9	9	9	9	9	9
1/4	112,755	1/4	122,221	1/4	131,661	1/4	141,087	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,952	1/2	122,419	1/2	131,857	1/2	141,281	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,149	3/4	122,616	3/4	132,053	3/4	141,476	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,346	10	122,813	10	132,249	10	141,671	10		10	10	10	10	10	10	10	10	10	10
1/4	113,543	1/4	123,010	1/4	132,446	1/4	141,865	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,740	1/2	123,208	1/2	132,642	1/2	142,060	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,937	3/4	123,405	3/4	132,838	3/4	142,255	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,134	11	123,602	11	133,034	11	142,449	11		11	11	11	11	11	11	11	11	11	11
1/4	114,331	1/4	123,799	1/4	133,230	1/4	142,644	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,528	1/2	123,997	1/2	133,426	1/2	142,839	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,725	3/4	124,194	3/4	133,622	3/4	143,033	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: 12/12/2011 CL  
CALCULATED: 12/12/2011 CL  
PRINTED: 12/12/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2011

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



# BARGE "CBC 1341"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,060	0	21,147	0	33,087	0	45,027	0	57,114	0	69,201	0	81,288	0	93,375	0	105,460
1/4	60	1/4	9,312	1/4	21,399	1/4	33,331	1/4	45,279	1/4	57,366	1/4	69,453	1/4	81,540	1/4	93,627	1/4	105,712
1/2	81	1/2	9,564	1/2	21,651	1/2	33,575	1/2	45,530	1/2	57,617	1/2	69,704	1/2	81,792	1/2	93,879	1/2	105,964
3/4	102	3/4	9,816	3/4	21,902	3/4	33,820	3/4	45,782	3/4	57,869	3/4	69,956	3/4	82,043	3/4	94,130	3/4	106,215
1	123	1	10,067	1	22,154	1	34,064	1	46,034	1	58,121	1	70,208	1	82,295	1	94,382	1	106,467
1/4	186	1/4	10,319	1/4	22,406	1/4	34,309	1/4	46,286	1/4	58,373	1/4	70,460	1/4	82,547	1/4	94,634	1/4	106,719
1/2	249	1/2	10,571	1/2	22,658	1/2	34,553	1/2	46,538	1/2	58,625	1/2	70,712	1/2	82,799	1/2	94,886	1/2	106,971
3/4	312	3/4	10,823	3/4	22,910	3/4	34,797	3/4	46,789	3/4	58,876	3/4	70,964	3/4	83,051	3/4	95,137	3/4	107,222
2	375	2	11,075	2	23,161	2	35,042	2	47,041	2	59,128	2	71,215	2	83,302	2	95,389	2	107,474
1/4	480	1/4	11,327	1/4	23,413	1/4	35,286	1/4	47,293	1/4	59,380	1/4	71,467	1/4	83,554	1/4	95,641	1/4	107,726
1/2	585	1/2	11,578	1/2	23,665	1/2	35,531	1/2	47,545	1/2	59,632	1/2	71,719	1/2	83,806	1/2	95,893	1/2	107,978
3/4	690	3/4	11,830	3/4	23,917	3/4	35,775	3/4	47,797	3/4	59,884	3/4	71,971	3/4	84,058	3/4	96,145	3/4	108,229
3	795	3	12,082	3	24,169	3	36,019	3	48,048	3	60,136	3	72,223	3	84,310	3	96,396	3	108,481
1/4	942	1/4	12,334	1/4	24,420	1/4	36,264	1/4	48,300	1/4	60,387	1/4	72,474	1/4	84,562	1/4	96,648	1/4	108,733
1/2	1,088	1/2	12,586	1/2	24,672	1/2	36,508	1/2	48,552	1/2	60,639	1/2	72,726	1/2	84,813	1/2	96,900	1/2	108,985
3/4	1,235	3/4	12,837	3/4	24,924	3/4	36,752	3/4	48,804	3/4	60,891	3/4	72,978	3/4	85,065	3/4	97,152	3/4	109,237
4	1,382	4	13,089	4	25,176	4	36,997	4	49,056	4	61,143	4	73,230	4	85,317	4	97,403	4	109,488
1/4	1,571	1/4	13,341	1/4	25,428	1/4	37,242	1/4	49,308	1/4	61,395	1/4	73,482	1/4	85,569	1/4	97,655	1/4	109,740
1/2	1,760	1/2	13,593	1/2	25,679	1/2	37,486	1/2	49,559	1/2	61,646	1/2	73,734	1/2	85,821	1/2	97,907	1/2	109,992
3/4	1,949	3/4	13,845	3/4	25,931	3/4	37,731	3/4	49,811	3/4	61,898	3/4	73,985	3/4	86,072	3/4	98,159	3/4	110,244
5	2,138	5	14,096	5	26,183	5	37,976	5	50,063	5	62,150	5	74,237	5	86,324	5	98,410	5	110,495
1/4	2,368	1/4	14,348	1/4	26,435	1/4	38,228	1/4	50,315	1/4	62,402	1/4	74,489	1/4	86,576	1/4	98,662	1/4	110,747
1/2	2,598	1/2	14,600	1/2	26,687	1/2	38,480	1/2	50,567	1/2	62,654	1/2	74,741	1/2	86,828	1/2	98,914	1/2	110,999
3/4	2,828	3/4	14,852	3/4	26,938	3/4	38,731	3/4	50,818	3/4	62,906	3/4	74,993	3/4	87,080	3/4	99,166	3/4	111,251
6	3,058	6	15,104	6	27,190	6	38,983	6	51,070	6	63,157	6	75,244	6	87,331	6	99,418	6	111,503
1/4	3,305	1/4	15,355	1/4	27,442	1/4	39,235	1/4	51,322	1/4	63,409	1/4	75,496	1/4	87,583	1/4	99,669	1/4	111,754
1/2	3,552	1/2	15,607	1/2	27,694	1/2	39,487	1/2	51,574	1/2	63,661	1/2	75,748	1/2	87,835	1/2	99,921	1/2	112,006
3/4	3,799	3/4	15,859	3/4	27,946	3/4	39,739	3/4	51,826	3/4	63,913	3/4	76,000	3/4	88,087	3/4	100,173	3/4	112,258
7	4,045	7	16,111	7	28,197	7	39,990	7	52,077	7	64,165	7	76,252	7	88,339	7	100,425	7	112,510
1/4	4,294	1/4	16,363	1/4	28,442	1/4	40,242	1/4	52,329	1/4	64,416	1/4	76,503	1/4	88,591	1/4	100,676	1/4	112,761
1/2	4,543	1/2	16,614	1/2	28,687	1/2	40,494	1/2	52,581	1/2	64,668	1/2	76,755	1/2	88,842	1/2	100,928	1/2	113,013
3/4	4,792	3/4	16,866	3/4	28,932	3/4	40,746	3/4	52,833	3/4	64,920	3/4	77,007	3/4	89,094	3/4	101,180	3/4	113,265
8	5,041	8	17,118	8	29,176	8	40,998	8	53,085	8	65,172	8	77,259	8	89,346	8	101,432	8	113,517
1/4	5,292	1/4	17,370	1/4	29,421	1/4	41,249	1/4	53,337	1/4	65,424	1/4	77,511	1/4	89,598	1/4	101,683	1/4	113,768
1/2	5,542	1/2	17,622	1/2	29,665	1/2	41,501	1/2	53,588	1/2	65,675	1/2	77,763	1/2	89,850	1/2	101,935	1/2	114,020
3/4	5,792	3/4	17,873	3/4	29,910	3/4	41,753	3/4	53,840	3/4	65,927	3/4	78,014	3/4	90,101	3/4	102,187	3/4	114,272
9	6,042	9	18,125	9	30,154	9	42,005	9	54,092	9	66,179	9	78,266	9	90,353	9	102,439	9	114,524
1/4	6,294	1/4	18,377	1/4	30,398	1/4	42,257	1/4	54,344	1/4	66,431	1/4	78,518	1/4	90,605	1/4	102,691	1/4	114,776
1/2	6,545	1/2	18,629	1/2	30,643	1/2	42,509	1/2	54,596	1/2	66,683	1/2	78,770	1/2	90,857	1/2	102,942	1/2	115,027
3/4	6,796	3/4	18,881	3/4	30,887	3/4	42,760	3/4	54,847	3/4	66,935	3/4	79,022	3/4	91,109	3/4	103,194	3/4	115,279
10	7,047	10	19,132	10	31,132	10	43,012	10	55,099	10	67,186	10	79,273	10	91,361	10	103,446	10	115,531
1/4	7,298	1/4	19,384	1/4	31,376	1/4	43,264	1/4	55,351	1/4	67,438	1/4	79,525	1/4	91,612	1/4	103,698	1/4	115,783
1/2	7,550	1/2	19,636	1/2	31,620	1/2	43,516	1/2	55,603	1/2	67,690	1/2	79,777	1/2	91,864	1/2	103,949	1/2	116,034
3/4	7,802	3/4	19,888	3/4	31,865	3/4	43,768	3/4	55,855	3/4	67,942	3/4	80,029	3/4	92,116	3/4	104,201	3/4	116,286
11	8,053	11	20,140	11	32,109	11	44,019	11	56,107	11	68,194	11	80,281	11	92,368	11	104,453	11	116,538
1/4	8,305	1/4	20,391	1/4	32,353	1/4	44,271	1/4	56,358	1/4	68,445	1/4	80,532	1/4	92,620	1/4	104,705	1/4	116,790
1/2	8,557	1/2	20,643	1/2	32,598	1/2	44,523	1/2	56,610	1/2	68,697	1/2	80,784	1/2	92,871	1/2	104,956	1/2	117,041
3/4	8,808	3/4	20,895	3/4	32,842	3/4	44,775	3/4	56,862	3/4	68,949	3/4	81,036	3/4	93,123	3/4	105,208	3/4	117,293

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1341"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,545	0	129,630	0	141,715	0	153,733	0	165,714	0		0		0		0		0	
1/4	117,797	1/4	129,882	1/4	141,965	1/4	153,983	1/4	165,962	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,049	1/2	130,134	1/2	142,216	1/2	154,234	1/2	166,210	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,300	3/4	130,385	3/4	142,466	3/4	154,484	3/4	166,458	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,552	1	130,637	1	142,716	1	154,734	1	166,706	1	1	1	1	1	1	1	1	1	1
1/4	118,804	1/4	130,889	1/4	142,967	1/4	154,985	1/4	166,954	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,056	1/2	131,141	1/2	143,217	1/2	155,235	1/2	167,202	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,307	3/4	131,392	3/4	143,468	3/4	155,485	3/4	167,450	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,559	2	131,644	2	143,718	2	155,736	2	167,698	2	2	2	2	2	2	2	2	2	2
1/4	119,811	1/4	131,896	1/4	143,968	1/4	155,986	1/4	167,925	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,063	1/2	132,148	1/2	144,219	1/2	156,237	1/2	168,152	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,314	3/4	132,399	3/4	144,469	3/4	156,487	3/4	168,379	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,566	3	132,651	3	144,719	3	156,737	3	168,606	3	3	3	3	3	3	3	3	3	3
1/4	120,818	1/4	132,903	1/4	144,970	1/4	156,988	1/4	168,791	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,070	1/2	133,155	1/2	145,220	1/2	157,238	1/2	168,977	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,322	3/4	133,407	3/4	145,471	3/4	157,488	3/4	169,162	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,573	4	133,658	4	145,721	4	157,739	4	169,347	4	4	4	4	4	4	4	4	4	4
1/4	121,825	1/4	133,910	1/4	145,971	1/4	157,989	1/4	169,490	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,077	1/2	134,162	1/2	146,222	1/2	158,240	1/2	169,633	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,329	3/4	134,414	3/4	146,472	3/4	158,490	3/4	169,776	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,580	5	134,665	5	146,722	5	158,740	5	169,919	5	5	5	5	5	5	5	5	5	5
1/4	122,832	1/4	134,917	1/4	146,973	1/4	158,991	1/4	170,020	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,084	1/2	135,169	1/2	147,223	1/2	159,241	1/2	170,122	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,336	3/4	135,421	3/4	147,474	3/4	159,491	3/4	170,223	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,588	6	135,673	6	147,724	6	159,742	6	170,324	6	6	6	6	6	6	6	6	6	6
1/4	123,839	1/4	135,924	1/4	147,974	1/4	159,992	1/4	170,383	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,091	1/2	136,176	1/2	148,225	1/2	160,242	1/2	170,442	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,343	3/4	136,428	3/4	148,475	3/4	160,493	3/4	170,502	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,595	7	136,680	7	148,725	7	160,743	7	170,561	7	7	7	7	7	7	7	7	7	7
1/4	124,846	1/4	136,931	1/4	148,976	1/4	160,994	1/4	170,578	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,098	1/2	137,183	1/2	149,226	1/2	161,244	1/2	170,595	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,350	3/4	137,435	3/4	149,477	3/4	161,494	3/4	170,612	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,602	8	137,687	8	149,727	8	161,745	8	170,630	8	8	8	8	8	8	8	8	8	8
1/4	125,853	1/4	137,938	1/4	149,977	1/4	161,993	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,105	1/2	138,190	1/2	150,228	1/2	162,241	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,357	3/4	138,442	3/4	150,478	3/4	162,489	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,609	9	138,694	9	150,728	9	162,737	9		9	9	9	9	9	9	9	9	9	9
1/4	126,861	1/4	138,946	1/4	150,979	1/4	162,985	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,112	1/2	139,197	1/2	151,229	1/2	163,233	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,364	3/4	139,449	3/4	151,479	3/4	163,481	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,616	10	139,701	10	151,730	10	163,729	10		10	10	10	10	10	10	10	10	10	10
1/4	127,868	1/4	139,953	1/4	151,980	1/4	163,977	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,119	1/2	140,204	1/2	152,231	1/2	164,225	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,371	3/4	140,456	3/4	152,481	3/4	164,473	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,623	11	140,708	11	152,731	11	164,721	11		11	11	11	11	11	11	11	11	11	11
1/4	128,875	1/4	140,960	1/4	152,982	1/4	164,969	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,126	1/2	141,211	1/2	153,232	1/2	165,218	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,378	3/4	141,463	3/4	153,482	3/4	165,466	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: 12/12/2011 CL  
CALCULATED: 12/12/2011 CL  
PRINTED: 12/12/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "CBC 1341"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	8,051	0	18,784	0	29,504	0	40,227	0	50,961	0	61,695	0	72,430	0	83,164	0	93,896
1/4	58	1/4	8,274	1/4	19,008	1/4	29,727	1/4	40,450	1/4	51,185	1/4	61,919	1/4	72,653	1/4	83,387	1/4	94,120
1/2	77	1/2	8,498	1/2	19,232	1/2	29,950	1/2	40,674	1/2	51,408	1/2	62,143	1/2	72,877	1/2	83,611	1/2	94,343
3/4	95	3/4	8,721	3/4	19,455	3/4	30,173	3/4	40,898	3/4	51,632	3/4	62,366	3/4	73,100	3/4	83,835	3/4	94,567
1	114	1	8,945	1	19,679	1	30,396	1	41,121	1	51,856	1	62,590	1	73,324	1	84,058	1	94,791
1/4	170	1/4	9,169	1/4	19,903	1/4	30,619	1/4	41,345	1/4	52,079	1/4	62,813	1/4	73,548	1/4	84,282	1/4	95,014
1/2	226	1/2	9,392	1/2	20,126	1/2	30,842	1/2	41,569	1/2	52,303	1/2	63,037	1/2	73,771	1/2	84,505	1/2	95,238
3/4	282	3/4	9,616	3/4	20,350	3/4	31,064	3/4	41,792	3/4	52,526	3/4	63,261	3/4	73,995	3/4	84,729	3/4	95,461
2	337	2	9,840	2	20,573	2	31,287	2	42,016	2	52,750	2	63,484	2	74,219	2	84,953	2	95,685
1/4	431	1/4	10,063	1/4	20,797	1/4	31,510	1/4	42,239	1/4	52,974	1/4	63,708	1/4	74,442	1/4	85,176	1/4	95,909
1/2	524	1/2	10,287	1/2	21,021	1/2	31,733	1/2	42,463	1/2	53,197	1/2	63,932	1/2	74,666	1/2	85,400	1/2	96,132
3/4	617	3/4	10,510	3/4	21,244	3/4	31,956	3/4	42,687	3/4	53,421	3/4	64,155	3/4	74,890	3/4	85,623	3/4	96,356
3	710	3	10,734	3	21,468	3	32,179	3	42,910	3	53,645	3	64,379	3	75,113	3	85,847	3	96,579
1/4	841	1/4	10,958	1/4	21,691	1/4	32,402	1/4	43,134	1/4	53,868	1/4	64,603	1/4	75,337	1/4	86,071	1/4	96,803
1/2	971	1/2	11,181	1/2	21,915	1/2	32,625	1/2	43,358	1/2	54,092	1/2	64,826	1/2	75,560	1/2	86,294	1/2	97,027
3/4	1,101	3/4	11,405	3/4	22,139	3/4	32,848	3/4	43,581	3/4	54,316	3/4	65,050	3/4	75,784	3/4	86,518	3/4	97,250
4	1,232	4	11,629	4	22,362	4	33,071	4	43,805	4	54,539	4	65,273	4	76,008	4	86,741	4	97,474
1/4	1,400	1/4	11,852	1/4	22,586	1/4	33,294	1/4	44,029	1/4	54,763	1/4	65,497	1/4	76,231	1/4	86,965	1/4	97,697
1/2	1,567	1/2	12,076	1/2	22,810	1/2	33,518	1/2	44,252	1/2	54,986	1/2	65,721	1/2	76,455	1/2	87,189	1/2	97,921
3/4	1,735	3/4	12,299	3/4	23,033	3/4	33,742	3/4	44,476	3/4	55,210	3/4	65,944	3/4	76,679	3/4	87,412	3/4	98,145
5	1,903	5	12,523	5	23,257	5	33,965	5	44,699	5	55,434	5	66,168	5	76,902	5	87,636	5	98,368
1/4	2,107	1/4	12,747	1/4	23,480	1/4	34,189	1/4	44,923	1/4	55,657	1/4	66,392	1/4	77,126	1/4	87,859	1/4	98,592
1/2	2,312	1/2	12,970	1/2	23,704	1/2	34,412	1/2	45,147	1/2	55,881	1/2	66,615	1/2	77,349	1/2	88,083	1/2	98,815
3/4	2,516	3/4	13,194	3/4	23,928	3/4	34,636	3/4	45,370	3/4	56,105	3/4	66,839	3/4	77,573	3/4	88,306	3/4	99,039
6	2,720	6	13,418	6	24,151	6	34,860	6	45,594	6	56,328	6	67,062	6	77,797	6	88,530	6	99,263
1/4	2,940	1/4	13,641	1/4	24,375	1/4	35,083	1/4	45,818	1/4	56,552	1/4	67,286	1/4	78,020	1/4	88,754	1/4	99,486
1/2	3,159	1/2	13,865	1/2	24,598	1/2	35,307	1/2	46,041	1/2	56,775	1/2	67,510	1/2	78,244	1/2	88,977	1/2	99,710
3/4	3,378	3/4	14,088	3/4	24,821	3/4	35,531	3/4	46,265	3/4	56,999	3/4	67,733	3/4	78,468	3/4	89,201	3/4	99,933
7	3,597	7	14,312	7	25,044	7	35,754	7	46,488	7	57,223	7	67,957	7	78,691	7	89,424	7	100,157
1/4	3,818	1/4	14,536	1/4	25,268	1/4	35,978	1/4	46,712	1/4	57,446	1/4	68,181	1/4	78,915	1/4	89,648	1/4	100,380
1/2	4,039	1/2	14,759	1/2	25,491	1/2	36,201	1/2	46,936	1/2	57,670	1/2	68,404	1/2	79,139	1/2	89,872	1/2	100,604
3/4	4,260	3/4	14,983	3/4	25,714	3/4	36,425	3/4	47,159	3/4	57,894	3/4	68,628	3/4	79,362	3/4	90,095	3/4	100,828
8	4,482	8	15,206	8	25,937	8	36,649	8	47,383	8	58,117	8	68,852	8	79,586	8	90,319	8	101,051
1/4	4,704	1/4	15,430	1/4	26,160	1/4	36,872	1/4	47,607	1/4	58,341	1/4	69,075	1/4	79,809	1/4	90,542	1/4	101,275
1/2	4,926	1/2	15,654	1/2	26,383	1/2	37,096	1/2	47,830	1/2	58,565	1/2	69,299	1/2	80,033	1/2	90,766	1/2	101,498
3/4	5,148	3/4	15,877	3/4	26,606	3/4	37,320	3/4	48,054	3/4	58,788	3/4	69,522	3/4	80,257	3/4	90,990	3/4	101,722
9	5,371	9	16,101	9	26,829	9	37,543	9	48,278	9	59,012	9	69,746	9	80,480	9	91,213	9	101,946
1/4	5,594	1/4	16,325	1/4	27,052	1/4	37,767	1/4	48,501	1/4	59,235	1/4	69,970	1/4	80,704	1/4	91,437	1/4	102,169
1/2	5,817	1/2	16,548	1/2	27,275	1/2	37,991	1/2	48,725	1/2	59,459	1/2	70,193	1/2	80,928	1/2	91,660	1/2	102,393
3/4	6,040	3/4	16,772	3/4	27,498	3/4	38,214	3/4	48,948	3/4	59,683	3/4	70,417	3/4	81,151	3/4	91,884	3/4	102,616
10	6,262	10	16,995	10	27,721	10	38,438	10	49,172	10	59,906	10	70,641	10	81,375	10	92,108	10	102,840
1/4	6,486	1/4	17,219	1/4	27,944	1/4	38,661	1/4	49,396	1/4	60,130	1/4	70,864	1/4	81,598	1/4	92,331	1/4	103,064
1/2	6,709	1/2	17,443	1/2	28,167	1/2	38,885	1/2	49,619	1/2	60,354	1/2	71,088	1/2	81,822	1/2	92,555	1/2	103,287
3/4	6,933	3/4	17,666	3/4	28,390	3/4	39,109	3/4	49,843	3/4	60,577	3/4	71,311	3/4	82,046	3/4	92,778	3/4	103,511
11	7,156	11	17,890	11	28,612	11	39,332	11	50,067	11	60,801	11	71,535	11	82,269	11	93,002	11	103,734
1/4	7,380	1/4	18,114	1/4	28,835	1/4	39,556	1/4	50,290	1/4	61,024	1/4	71,759	1/4	82,493	1/4	93,226	1/4	103,958
1/2	7,603	1/2	18,337	1/2	29,058	1/2	39,780	1/2	50,514	1/2	61,248	1/2	71,982	1/2	82,717	1/2	93,449	1/2	104,182
3/4	7,827	3/4	18,561	3/4	29,281	3/4	40,003	3/4	50,737	3/4	61,472	3/4	72,206	3/4	82,940	3/4	93,673	3/4	104,405

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 1341"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	104,629	0	115,361	0	126,094	0	136,767	0	147,408	0		0		0		0		0	
1/4	104,852	1/4	115,585	1/4	126,316	1/4	136,990	1/4	147,628	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,076	1/2	115,808	1/2	126,538	1/2	137,212	1/2	147,849	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,300	3/4	116,032	3/4	126,761	3/4	137,434	3/4	148,069	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,523	1	116,256	1	126,983	1	137,657	1	148,289	1	1	1	1	1	1	1	1	1	1
1/4	105,747	1/4	116,479	1/4	127,205	1/4	137,879	1/4	148,510	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,970	1/2	116,703	1/2	127,428	1/2	138,101	1/2	148,730	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,194	3/4	116,926	3/4	127,650	3/4	138,324	3/4	148,950	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,417	2	117,150	2	127,873	2	138,546	2	149,170	2	2	2	2	2	2	2	2	2	2
1/4	106,641	1/4	117,374	1/4	128,095	1/4	138,769	1/4	149,372	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,865	1/2	117,597	1/2	128,317	1/2	138,991	1/2	149,574	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,088	3/4	117,821	3/4	128,540	3/4	139,213	3/4	149,775	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,312	3	118,044	3	128,762	3	139,436	3	149,977	3	3	3	3	3	3	3	3	3	3
1/4	107,535	1/4	118,268	1/4	128,984	1/4	139,658	1/4	150,142	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,759	1/2	118,492	1/2	129,207	1/2	139,880	1/2	150,306	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,983	3/4	118,715	3/4	129,429	3/4	140,103	3/4	150,470	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,206	4	118,939	4	129,652	4	140,325	4	150,635	4	4	4	4	4	4	4	4	4	4
1/4	108,430	1/4	119,162	1/4	129,874	1/4	140,547	1/4	150,762	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,653	1/2	119,386	1/2	130,096	1/2	140,770	1/2	150,889	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,877	3/4	119,609	3/4	130,319	3/4	140,992	3/4	151,016	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,101	5	119,833	5	130,541	5	141,215	5	151,143	5	5	5	5	5	5	5	5	5	5
1/4	109,324	1/4	120,057	1/4	130,763	1/4	141,437	1/4	151,233	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,548	1/2	120,280	1/2	130,986	1/2	141,659	1/2	151,323	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,771	3/4	120,504	3/4	131,208	3/4	141,882	3/4	151,413	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,995	6	120,727	6	131,430	6	142,104	6	151,503	6	6	6	6	6	6	6	6	6	6
1/4	110,219	1/4	120,951	1/4	131,653	1/4	142,326	1/4	151,555	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,442	1/2	121,175	1/2	131,875	1/2	142,549	1/2	151,608	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,666	3/4	121,398	3/4	132,098	3/4	142,771	3/4	151,661	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,889	7	121,622	7	132,320	7	142,994	7	151,713	7	7	7	7	7	7	7	7	7	7
1/4	111,113	1/4	121,845	1/4	132,542	1/4	143,216	1/4	151,728	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,337	1/2	122,069	1/2	132,765	1/2	143,438	1/2	151,744	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,560	3/4	122,293	3/4	132,987	3/4	143,661	3/4	151,759	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,784	8	122,516	8	133,209	8	143,883	8	151,774	8	8	8	8	8	8	8	8	8	8
1/4	112,007	1/4	122,740	1/4	133,432	1/4	144,103	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,231	1/2	122,963	1/2	133,654	1/2	144,324	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,455	3/4	123,187	3/4	133,876	3/4	144,544	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,678	9	123,411	9	134,099	9	144,764	9		9	9	9	9	9	9	9	9	9	9
1/4	112,902	1/4	123,634	1/4	134,321	1/4	144,985	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,125	1/2	123,858	1/2	134,544	1/2	145,205	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,349	3/4	124,081	3/4	134,766	3/4	145,425	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,572	10	124,305	10	134,988	10	145,645	10		10	10	10	10	10	10	10	10	10	10
1/4	113,796	1/4	124,529	1/4	135,211	1/4	145,866	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,020	1/2	124,752	1/2	135,433	1/2	146,086	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,243	3/4	124,976	3/4	135,655	3/4	146,306	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,467	11	125,199	11	135,878	11	146,527	11		11	11	11	11	11	11	11	11	11	11
1/4	114,690	1/4	125,423	1/4	136,100	1/4	146,747	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,914	1/2	125,646	1/2	136,323	1/2	146,967	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,138	3/4	125,870	3/4	136,545	3/4	147,188	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: 12/12/2011 CL  
CALCULATED: 12/12/2011 CL  
PRINTED: 12/12/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "CBC 1341"

## 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 CENTER	- 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	- 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"

December 12, 2011

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

<http://www.pmacorp.net>



# BARGE "CBC 1341"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	147,357	0	139,326	0	129,897	0	120,446	0	110,982	0	100,323	0	89,549	0	78,774
1/4	1/4	1/4	1/4	1/4	147,303	1/4	139,130	1/4	129,701	1/4	120,249	1/4	110,785	1/4	100,098	1/4	89,324	1/4	78,549
1/2	1/2	1/2	1/2	1/2	147,250	1/2	138,933	1/2	129,505	1/2	120,051	1/2	110,587	1/2	99,874	1/2	89,100	1/2	78,325
3/4	3/4	3/4	3/4	3/4	147,196	3/4	138,736	3/4	129,309	3/4	119,854	3/4	110,390	3/4	99,650	3/4	88,875	3/4	78,100
1		1		1	147,143	1	138,539	1	129,113	1	119,657	1	110,193	1	99,425	1	88,651	1	77,876
1/4	1/4	1/4	1/4	1/4	147,052	1/4	138,343	1/4	128,916	1/4	119,460	1/4	109,969	1/4	99,201	1/4	88,426	1/4	77,651
1/2	1/2	1/2	1/2	1/2	146,960	1/2	138,146	1/2	128,719	1/2	119,262	1/2	109,745	1/2	98,976	1/2	88,202	1/2	77,427
3/4	3/4	3/4	3/4	3/4	146,869	3/4	137,949	3/4	128,523	3/4	119,065	3/4	109,521	3/4	98,752	3/4	87,977	3/4	77,202
2		2		2	146,778	2	137,753	2	128,326	2	118,868	2	109,297	2	98,527	2	87,753	2	76,978
1/4	1/4	1/4	1/4	1/4	146,650	1/4	137,556	1/4	128,129	1/4	118,671	1/4	109,072	1/4	98,303	1/4	87,528	1/4	76,754
1/2	1/2	1/2	1/2	1/2	146,521	1/2	137,359	1/2	127,932	1/2	118,473	1/2	108,848	1/2	98,078	1/2	87,304	1/2	76,530
3/4	3/4	3/4	3/4	3/4	146,393	3/4	137,162	3/4	127,736	3/4	118,276	3/4	108,624	3/4	97,854	3/4	87,079	3/4	76,306
3		3		3	146,264	3	136,966	3	127,539	3	118,079	3	108,400	3	97,629	3	86,855	3	76,083
1/4	1/4	1/4	1/4	1/4	146,098	1/4	136,769	1/4	127,342	1/4	117,881	1/4	108,175	1/4	97,405	1/4	86,631	1/4	75,860
1/2	1/2	1/2	1/2	1/2	145,932	1/2	136,572	1/2	127,146	1/2	117,684	1/2	107,951	1/2	97,180	1/2	86,406	1/2	75,637
3/4	3/4	3/4	3/4	3/4	145,766	3/4	136,375	3/4	126,949	3/4	117,487	3/4	107,727	3/4	96,956	3/4	86,182	3/4	75,414
4		4		4	145,600	4	136,179	4	126,752	4	117,290	4	107,503	4	96,731	4	85,957	4	75,190
1/4	1/4	1/4	1/4	1/4	145,396	1/4	135,982	1/4	126,555	1/4	117,092	1/4	107,279	1/4	96,507	1/4	85,733	1/4	74,967
1/2	1/2	1/2	1/2	1/2	145,193	1/2	135,785	1/2	126,359	1/2	116,895	1/2	107,054	1/2	96,283	1/2	85,508	1/2	74,744
3/4	3/4	3/4	3/4	3/4	144,989	3/4	135,588	3/4	126,162	3/4	116,698	3/4	106,830	3/4	96,058	3/4	85,284	3/4	74,521
5		5		5	144,785	5	135,392	5	125,965	5	116,501	5	106,606	5	95,834	5	85,059	5	74,298
1/4	1/4	1/4	1/4	1/4	144,591	1/4	135,195	1/4	125,768	1/4	116,303	1/4	106,382	1/4	95,609	1/4	84,835	1/4	74,075
1/2	1/2	1/2	1/2	1/2	144,396	1/2	134,998	1/2	125,572	1/2	116,106	1/2	106,158	1/2	95,385	1/2	84,610	1/2	73,852
3/4	3/4	3/4	3/4	3/4	144,201	3/4	134,801	3/4	125,375	3/4	115,909	3/4	105,933	3/4	95,160	3/4	84,386	3/4	73,629
6		6		6	144,007	6	134,605	6	125,178	6	115,712	6	105,709	6	94,936	6	84,161	6	73,406
1/4	1/4	1/4	1/4	1/4	143,812	1/4	134,408	1/4	124,981	1/4	115,514	1/4	105,485	1/4	94,711	1/4	83,937	1/4	73,183
1/2	1/2	1/2	1/2	1/2	143,617	1/2	134,211	1/2	124,785	1/2	115,317	1/2	105,261	1/2	94,487	1/2	83,712	1/2	72,960
3/4	3/4	3/4	3/4	3/4	143,423	3/4	134,015	3/4	124,588	3/4	115,120	3/4	105,036	3/4	94,262	3/4	83,488	3/4	72,737
7		7		7	143,228	7	133,818	7	124,391	7	114,923	7	104,812	7	94,038	7	83,264	7	72,514
1/4	1/4	1/4	1/4	1/4	143,033	1/4	133,622	1/4	124,194	1/4	114,725	1/4	104,588	1/4	93,813	1/4	83,039	1/4	72,291
1/2	1/2	1/2	1/2	1/2	142,839	1/2	133,426	1/2	123,997	1/2	114,528	1/2	104,363	1/2	93,589	1/2	82,815	1/2	72,068
3/4	3/4	3/4	3/4	3/4	142,644	3/4	133,230	3/4	123,799	3/4	114,331	3/4	104,139	3/4	93,364	3/4	82,590	3/4	71,845
8		8		8	142,449	8	133,034	8	123,602	8	114,134	8	103,914	8	93,140	8	82,366	8	71,622
1/4	1/4	1/4	1/4	1/4	142,255	1/4	132,838	1/4	123,405	1/4	113,937	1/4	103,690	1/4	92,916	1/4	82,141	1/4	71,399
1/2	1/2	1/2	1/2	1/2	142,060	1/2	132,642	1/2	123,208	1/2	113,740	1/2	103,465	1/2	92,691	1/2	81,917	1/2	71,176
3/4	3/4	3/4	3/4	3/4	141,865	3/4	132,446	3/4	123,010	3/4	113,543	3/4	103,241	3/4	92,467	3/4	81,692	3/4	70,953
9		9		9	141,671	9	132,249	9	122,813	9	113,346	9	103,016	9	92,242	9	81,468	9	70,730
1/4	1/4	1/4	1/4	1/4	141,476	1/4	132,053	1/4	122,616	1/4	113,149	1/4	102,792	1/4	92,018	1/4	81,243	1/4	70,506
1/2	1/2	1/2	1/2	1/2	141,281	1/2	131,857	1/2	122,419	1/2	112,952	1/2	102,568	1/2	91,793	1/2	81,019	1/2	70,283
3/4	3/4	3/4	3/4	3/4	141,087	3/4	131,661	3/4	122,221	3/4	112,755	3/4	102,343	3/4	91,569	3/4	80,794	3/4	70,060
10		10		10	140,892	10	131,465	10	122,024	10	112,558	10	102,119	10	91,344	10	80,570	10	69,837
1/4	1/4	1/4	1/4	1/4	140,697	1/4	131,269	1/4	121,827	1/4	112,361	1/4	101,894	1/4	91,120	1/4	80,345	1/4	69,614
1/2	1/2	1/2	1/2	1/2	140,503	1/2	131,073	1/2	121,629	1/2	112,164	1/2	101,670	1/2	90,895	1/2	80,121	1/2	69,390
3/4	3/4	3/4	3/4	3/4	140,308	3/4	130,877	3/4	121,432	3/4	111,967	3/4	101,445	3/4	90,671	3/4	79,896	3/4	69,166
11		11	147,421	11	140,113	11	130,681	11	121,235	11	111,770	11	101,221	11	90,446	11	79,672	11	68,942
1/4	1/4	1/4	147,405	1/4	139,917	1/4	130,485	1/4	121,038	1/4	111,573	1/4	100,996	1/4	90,222	1/4	79,447	1/4	68,718
1/2	1/2	1/2	147,389	1/2	139,720	1/2	130,289	1/2	120,840	1/2	111,376	1/2	100,772	1/2	89,998	1/2	79,223	1/2	68,495
3/4	3/4	3/4	147,373	3/4	139,523	3/4	130,093	3/4	120,643	3/4	111,179	3/4	100,547	3/4	89,773	3/4	78,998	3/4	68,271

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

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# BARGE "CBC 1341"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,047	0	57,278	0	46,507	0	35,736	0	25,173	0	14,398	0	3,618	0		0		0	
1/4	67,823	1/4	57,054	1/4	46,283	1/4	35,512	1/4	24,954	1/4	14,173	1/4	3,398	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,599	1/2	56,829	1/2	46,058	1/2	35,287	1/2	24,735	1/2	13,948	1/2	3,177	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,375	3/4	56,605	3/4	45,834	3/4	35,063	3/4	24,516	3/4	13,723	3/4	2,957	3/4	3/4	3/4	3/4	3/4	3/4
1	67,152	1	56,381	1	45,610	1	34,839	1	24,297	1	13,498	1	2,736	1	1	1	1	1	1
1/4	66,927	1/4	56,156	1/4	45,385	1/4	34,614	1/4	24,072	1/4	13,273	1/4	2,531	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,703	1/2	55,932	1/2	45,161	1/2	34,390	1/2	23,847	1/2	13,048	1/2	2,325	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,478	3/4	55,707	3/4	44,936	3/4	34,165	3/4	23,622	3/4	12,823	3/4	2,119	3/4	3/4	3/4	3/4	3/4	3/4
2	66,254	2	55,483	2	44,712	2	33,941	2	23,397	2	12,598	2	1,914	2	2	2	2	2	2
1/4	66,030	1/4	55,259	1/4	44,488	1/4	33,717	1/4	23,172	1/4	12,373	1/4	1,745	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,805	1/2	55,034	1/2	44,263	1/2	33,492	1/2	22,947	1/2	12,148	1/2	1,576	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,581	3/4	54,810	3/4	44,039	3/4	33,268	3/4	22,722	3/4	11,923	3/4	1,408	3/4	3/4	3/4	3/4	3/4	3/4
3	65,356	3	54,585	3	43,814	3	33,043	3	22,497	3	11,699	3	1,239	3	3	3	3	3	3
1/4	65,132	1/4	54,361	1/4	43,590	1/4	32,825	1/4	22,272	1/4	11,474	1/4	1,108	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,908	1/2	54,137	1/2	43,366	1/2	32,606	1/2	22,047	1/2	11,249	1/2	977	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,683	3/4	53,912	3/4	43,141	3/4	32,388	3/4	21,823	3/4	11,024	3/4	845	3/4	3/4	3/4	3/4	3/4	3/4
4	64,459	4	53,688	4	42,917	4	32,169	4	21,598	4	10,799	4	714	4	4	4	4	4	4
1/4	64,235	1/4	53,464	1/4	42,693	1/4	31,951	1/4	21,373	1/4	10,574	1/4	621	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,010	1/2	53,239	1/2	42,468	1/2	31,732	1/2	21,148	1/2	10,349	1/2	527	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,786	3/4	53,015	3/4	42,244	3/4	31,513	3/4	20,923	3/4	10,124	3/4	433	3/4	3/4	3/4	3/4	3/4	3/4
5	63,561	5	52,790	5	42,019	5	31,295	5	20,698	5	9,899	5	339	5	5	5	5	5	5
1/4	63,337	1/4	52,566	1/4	41,795	1/4	31,076	1/4	20,473	1/4	9,674	1/4	283	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,113	1/2	52,342	1/2	41,571	1/2	30,858	1/2	20,248	1/2	9,449	1/2	227	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,888	3/4	52,117	3/4	41,346	3/4	30,639	3/4	20,023	3/4	9,224	3/4	171	3/4	3/4	3/4	3/4	3/4	3/4
6	62,664	6	51,893	6	41,122	6	30,421	6	19,798	6	8,999	6	114	6	6	6	6	6	6
1/4	62,439	1/4	51,668	1/4	40,897	1/4	30,202	1/4	19,573	1/4	8,774	1/4	96	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,215	1/2	51,444	1/2	40,673	1/2	29,983	1/2	19,348	1/2	8,549	1/2	77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,991	3/4	51,220	3/4	40,449	3/4	29,765	3/4	19,123	3/4	8,324	3/4	58	3/4	3/4	3/4	3/4	3/4	3/4
7	61,766	7	50,995	7	40,224	7	29,546	7	18,898	7	8,099	7	39	7	7	7	7	7	7
1/4	61,542	1/4	50,771	1/4	40,000	1/4	29,328	1/4	18,673	1/4	7,874	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,317	1/2	50,546	1/2	39,775	1/2	29,109	1/2	18,448	1/2	7,649	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,093	3/4	50,322	3/4	39,551	3/4	28,891	3/4	18,223	3/4	7,424	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	60,869	8	50,098	8	39,327	8	28,672	8	17,998	8	7,199	8	8	8	8	8	8	8	8
1/4	60,644	1/4	49,873	1/4	39,102	1/4	28,453	1/4	17,773	1/4	6,974	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,420	1/2	49,649	1/2	38,878	1/2	28,235	1/2	17,548	1/2	6,749	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,195	3/4	49,424	3/4	38,653	3/4	28,016	3/4	17,323	3/4	6,525	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	59,971	9	49,200	9	38,429	9	27,798	9	17,098	9	6,300	9	9	9	9	9	9	9	9
1/4	59,747	1/4	48,976	1/4	38,205	1/4	27,579	1/4	16,873	1/4	6,076	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,522	1/2	48,751	1/2	37,980	1/2	27,360	1/2	16,648	1/2	5,851	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,298	3/4	48,527	3/4	37,756	3/4	27,142	3/4	16,423	3/4	5,627	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,073	10	48,302	10	37,531	10	26,923	10	16,198	10	5,403	10	10	10	10	10	10	10	10
1/4	58,849	1/4	48,078	1/4	37,307	1/4	26,705	1/4	15,973	1/4	5,179	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,625	1/2	47,854	1/2	37,083	1/2	26,486	1/2	15,748	1/2	4,955	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,400	3/4	47,629	3/4	36,858	3/4	26,268	3/4	15,523	3/4	4,732	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,176	11	47,405	11	36,634	11	26,049	11	15,298	11	4,508	11	11	11	11	11	11	11	11
1/4	57,951	1/4	47,180	1/4	36,409	1/4	25,830	1/4	15,073	1/4	4,286	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,727	1/2	46,956	1/2	36,185	1/2	25,611	1/2	14,848	1/2	4,063	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,503	3/4	46,732	3/4	35,961	3/4	25,392	3/4	14,623	3/4	3,841	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/12/2011 CL  
CALCULATED: 12/12/2011 CL  
PRINTED: 12/12/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2011

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



# BARGE "CBC 1341"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	170,578	0	160,994	0	148,976	0	136,931	0	124,846	0	112,761	0	100,676	0	88,591
1/4	1/4	1/4	1/4	1/4	170,561	1/4	160,743	1/4	148,725	1/4	136,680	1/4	124,595	1/4	112,510	1/4	100,425	1/4	88,339
1/2	1/2	1/2	1/2	1/2	170,502	1/2	160,493	1/2	148,475	1/2	136,428	1/2	124,343	1/2	112,258	1/2	100,173	1/2	88,087
3/4	3/4	3/4	3/4	3/4	170,442	3/4	160,242	3/4	148,225	3/4	136,176	3/4	124,091	3/4	112,006	3/4	99,921	3/4	87,835
1		1		1	170,383	1	159,992	1	147,974	1	135,924	1	123,839	1	111,754	1	99,669	1	87,583
1/4	1/4	1/4	1/4	1/4	170,324	1/4	159,742	1/4	147,724	1/4	135,673	1/4	123,588	1/4	111,503	1/4	99,418	1/4	87,331
1/2	1/2	1/2	1/2	1/2	170,223	1/2	159,491	1/2	147,474	1/2	135,421	1/2	123,336	1/2	111,251	1/2	99,166	1/2	87,080
3/4	3/4	3/4	3/4	3/4	170,122	3/4	159,241	3/4	147,223	3/4	135,169	3/4	123,084	3/4	110,999	3/4	98,914	3/4	86,828
2		2		2	170,020	2	158,991	2	146,973	2	134,917	2	122,832	2	110,747	2	98,662	2	86,576
1/4	1/4	1/4	1/4	1/4	169,919	1/4	158,740	1/4	146,722	1/4	134,665	1/4	122,580	1/4	110,495	1/4	98,410	1/4	86,324
1/2	1/2	1/2	1/2	1/2	169,776	1/2	158,490	1/2	146,472	1/2	134,414	1/2	122,329	1/2	110,244	1/2	98,159	1/2	86,072
3/4	3/4	3/4	3/4	3/4	169,633	3/4	158,240	3/4	146,222	3/4	134,162	3/4	122,077	3/4	109,992	3/4	97,907	3/4	85,821
3		3		3	169,490	3	157,989	3	145,971	3	133,910	3	121,825	3	109,740	3	97,655	3	85,569
1/4	1/4	1/4	1/4	1/4	169,347	1/4	157,739	1/4	145,721	1/4	133,658	1/4	121,573	1/4	109,488	1/4	97,403	1/4	85,317
1/2	1/2	1/2	1/2	1/2	169,162	1/2	157,488	1/2	145,471	1/2	133,407	1/2	121,322	1/2	109,237	1/2	97,152	1/2	85,065
3/4	3/4	3/4	3/4	3/4	168,977	3/4	157,238	3/4	145,220	3/4	133,155	3/4	121,070	3/4	108,985	3/4	96,900	3/4	84,813
4		4		4	168,791	4	156,988	4	144,970	4	132,903	4	120,818	4	108,733	4	96,648	4	84,562
1/4	1/4	1/4	1/4	1/4	168,606	1/4	156,737	1/4	144,719	1/4	132,651	1/4	120,566	1/4	108,481	1/4	96,396	1/4	84,310
1/2	1/2	1/2	1/2	1/2	168,379	1/2	156,487	1/2	144,469	1/2	132,399	1/2	120,314	1/2	108,229	1/2	96,145	1/2	84,058
3/4	3/4	3/4	3/4	3/4	168,152	3/4	156,237	3/4	144,219	3/4	132,148	3/4	120,063	3/4	107,978	3/4	95,893	3/4	83,806
5		5		5	167,925	5	155,986	5	143,968	5	131,896	5	119,811	5	107,726	5	95,641	5	83,554
1/4	1/4	1/4	1/4	1/4	167,698	1/4	155,736	1/4	143,718	1/4	131,644	1/4	119,559	1/4	107,474	1/4	95,389	1/4	83,302
1/2	1/2	1/2	1/2	1/2	167,450	1/2	155,485	1/2	143,468	1/2	131,392	1/2	119,307	1/2	107,222	1/2	95,137	1/2	83,051
3/4	3/4	3/4	3/4	3/4	167,202	3/4	155,235	3/4	143,217	3/4	131,141	3/4	119,056	3/4	106,971	3/4	94,886	3/4	82,799
6		6		6	166,954	6	154,985	6	142,967	6	130,889	6	118,804	6	106,719	6	94,634	6	82,547
1/4	1/4	1/4	1/4	1/4	166,706	1/4	154,734	1/4	142,717	1/4	130,637	1/4	118,552	1/4	106,467	1/4	94,382	1/4	82,295
1/2	1/2	1/2	1/2	1/2	166,458	1/2	154,484	1/2	142,466	1/2	130,385	1/2	118,300	1/2	106,215	1/2	94,130	1/2	82,043
3/4	3/4	3/4	3/4	3/4	166,210	3/4	154,234	3/4	142,216	3/4	130,134	3/4	118,049	3/4	105,964	3/4	93,879	3/4	81,792
7		7		7	165,962	7	153,983	7	141,965	7	129,882	7	117,797	7	105,712	7	93,627	7	81,540
1/4	1/4	1/4	1/4	1/4	165,714	1/4	153,733	1/4	141,715	1/4	129,630	1/4	117,545	1/4	105,460	1/4	93,375	1/4	81,288
1/2	1/2	1/2	1/2	1/2	165,466	1/2	153,482	1/2	141,463	1/2	129,378	1/2	117,293	1/2	105,208	1/2	93,123	1/2	81,036
3/4	3/4	3/4	3/4	3/4	165,218	3/4	153,232	3/4	141,211	3/4	129,126	3/4	117,041	3/4	104,956	3/4	92,871	3/4	80,784
8		8		8	164,969	8	152,982	8	140,960	8	128,875	8	116,790	8	104,705	8	92,620	8	80,532
1/4	1/4	1/4	1/4	1/4	164,721	1/4	152,731	1/4	140,708	1/4	128,623	1/4	116,538	1/4	104,453	1/4	92,368	1/4	80,281
1/2	1/2	1/2	1/2	1/2	164,473	1/2	152,481	1/2	140,456	1/2	128,371	1/2	116,286	1/2	104,201	1/2	92,116	1/2	80,029
3/4	3/4	3/4	3/4	3/4	164,225	3/4	152,231	3/4	140,204	3/4	128,119	3/4	116,034	3/4	103,949	3/4	91,864	3/4	79,777
9		9		9	163,977	9	151,980	9	139,953	9	127,868	9	115,783	9	103,698	9	91,612	9	79,525
1/4	1/4	1/4	1/4	1/4	163,729	1/4	151,730	1/4	139,701	1/4	127,616	1/4	115,531	1/4	103,446	1/4	91,361	1/4	79,273
1/2	1/2	1/2	1/2	1/2	163,481	1/2	151,479	1/2	139,449	1/2	127,364	1/2	115,279	1/2	103,194	1/2	91,109	1/2	79,022
3/4	3/4	3/4	3/4	3/4	163,233	3/4	151,229	3/4	139,197	3/4	127,112	3/4	115,027	3/4	102,942	3/4	90,857	3/4	78,770
10		10		10	162,985	10	150,979	10	138,946	10	126,861	10	114,776	10	102,691	10	90,605	10	78,518
1/4	1/4	1/4	1/4	1/4	162,737	1/4	150,728	1/4	138,694	1/4	126,609	1/4	114,524	1/4	102,439	1/4	90,353	1/4	78,266
1/2	1/2	1/2	1/2	1/2	162,489	1/2	150,478	1/2	138,442	1/2	126,357	1/2	114,272	1/2	102,187	1/2	90,101	1/2	78,014
3/4	3/4	3/4	3/4	3/4	162,241	3/4	150,228	3/4	138,190	3/4	126,105	3/4	114,020	3/4	101,935	3/4	89,850	3/4	77,763
11		11		11	161,993	11	149,977	11	137,938	11	125,853	11	113,768	11	101,683	11	89,598	11	77,511
1/4	1/4	170,630	1/4	161,745	1/4	149,727	1/4	137,687	1/4	125,602	1/4	113,517	1/4	101,432	1/4	89,346	1/4	77,259	
1/2	1/2	170,612	1/2	161,494	1/2	149,477	1/2	137,435	1/2	125,350	1/2	113,265	1/2	101,180	1/2	89,094	1/2	77,007	
3/4	3/4	170,595	3/4	161,244	3/4	149,226	3/4	137,183	3/4	125,098	3/4	113,013	3/4	100,928	3/4	88,842	3/4	76,755	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1341"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	76,503	0	64,416	0	52,329	0	40,242	0	28,442	0	16,363	0	4,294	0		0		0	
1/4	76,252	1/4	64,165	1/4	52,077	1/4	39,990	1/4	28,197	1/4	16,111	1/4	4,045	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,000	1/2	63,913	1/2	51,826	1/2	39,739	1/2	27,946	1/2	15,859	1/2	3,799	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,748	3/4	63,661	3/4	51,574	3/4	39,487	3/4	27,694	3/4	15,607	3/4	3,552	3/4	3/4	3/4	3/4	3/4	3/4
1	75,496	1	63,409	1	51,322	1	39,235	1	27,442	1	15,355	1	3,305	1	1	1	1	1	1
1/4	75,244	1/4	63,157	1/4	51,070	1/4	38,983	1/4	27,190	1/4	15,104	1/4	3,058	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,993	1/2	62,906	1/2	50,818	1/2	38,731	1/2	26,938	1/2	14,852	1/2	2,828	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,741	3/4	62,654	3/4	50,567	3/4	38,480	3/4	26,687	3/4	14,600	3/4	2,598	3/4	3/4	3/4	3/4	3/4	3/4
2	74,489	2	62,402	2	50,315	2	38,228	2	26,435	2	14,348	2	2,368	2	2	2	2	2	2
1/4	74,237	1/4	62,150	1/4	50,063	1/4	37,976	1/4	26,183	1/4	14,096	1/4	2,138	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,985	1/2	61,898	1/2	49,811	1/2	37,731	1/2	25,931	1/2	13,845	1/2	1,949	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,734	3/4	61,646	3/4	49,559	3/4	37,486	3/4	25,679	3/4	13,593	3/4	1,760	3/4	3/4	3/4	3/4	3/4	3/4
3	73,482	3	61,395	3	49,308	3	37,242	3	25,428	3	13,341	3	1,571	3	3	3	3	3	3
1/4	73,230	1/4	61,143	1/4	49,056	1/4	36,997	1/4	25,176	1/4	13,089	1/4	1,382	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,978	1/2	60,891	1/2	48,804	1/2	36,752	1/2	24,924	1/2	12,837	1/2	1,235	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,726	3/4	60,639	3/4	48,552	3/4	36,508	3/4	24,672	3/4	12,586	3/4	1,088	3/4	3/4	3/4	3/4	3/4	3/4
4	72,474	4	60,387	4	48,300	4	36,264	4	24,420	4	12,334	4	942	4	4	4	4	4	4
1/4	72,223	1/4	60,136	1/4	48,048	1/4	36,019	1/4	24,169	1/4	12,082	1/4	795	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,971	1/2	59,884	1/2	47,797	1/2	35,775	1/2	23,917	1/2	11,830	1/2	690	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,719	3/4	59,632	3/4	47,545	3/4	35,531	3/4	23,665	3/4	11,578	3/4	585	3/4	3/4	3/4	3/4	3/4	3/4
5	71,467	5	59,380	5	47,293	5	35,286	5	23,413	5	11,327	5	480	5	5	5	5	5	5
1/4	71,215	1/4	59,128	1/4	47,041	1/4	35,042	1/4	23,161	1/4	11,075	1/4	375	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,964	1/2	58,876	1/2	46,789	1/2	34,797	1/2	22,910	1/2	10,823	1/2	312	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,712	3/4	58,625	3/4	46,538	3/4	34,553	3/4	22,658	3/4	10,571	3/4	249	3/4	3/4	3/4	3/4	3/4	3/4
6	70,460	6	58,373	6	46,286	6	34,309	6	22,406	6	10,319	6	186	6	6	6	6	6	6
1/4	70,208	1/4	58,121	1/4	46,034	1/4	34,064	1/4	22,154	1/4	10,067	1/4	123	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,956	1/2	57,869	1/2	45,782	1/2	33,820	1/2	21,902	1/2	9,816	1/2	102	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,704	3/4	57,617	3/4	45,530	3/4	33,575	3/4	21,651	3/4	9,564	3/4	81	3/4	3/4	3/4	3/4	3/4	3/4
7	69,453	7	57,366	7	45,279	7	33,331	7	21,399	7	9,312	7	60	7	7	7	7	7	7
1/4	69,201	1/4	57,114	1/4	45,027	1/4	33,087	1/4	21,147	1/4	9,060	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,949	1/2	56,862	1/2	44,775	1/2	32,842	1/2	20,895	1/2	8,808	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,697	3/4	56,610	3/4	44,523	3/4	32,598	3/4	20,643	3/4	8,557	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	68,445	8	56,358	8	44,271	8	32,353	8	20,391	8	8,305	8	8	8	8	8	8	8	8
1/4	68,194	1/4	56,107	1/4	44,019	1/4	32,109	1/4	20,140	1/4	8,053	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,942	1/2	55,855	1/2	43,768	1/2	31,865	1/2	19,888	1/2	7,802	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,690	3/4	55,603	3/4	43,516	3/4	31,620	3/4	19,636	3/4	7,550	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	67,438	9	55,351	9	43,264	9	31,376	9	19,384	9	7,298	9	9	9	9	9	9	9	9
1/4	67,186	1/4	55,099	1/4	43,012	1/4	31,132	1/4	19,132	1/4	7,047	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,935	1/2	54,847	1/2	42,760	1/2	30,887	1/2	18,881	1/2	6,796	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,683	3/4	54,596	3/4	42,509	3/4	30,643	3/4	18,629	3/4	6,545	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	66,431	10	54,344	10	42,257	10	30,398	10	18,377	10	6,294	10	10	10	10	10	10	10	10
1/4	66,179	1/4	54,092	1/4	42,005	1/4	30,154	1/4	18,125	1/4	6,042	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,927	1/2	53,840	1/2	41,753	1/2	29,910	1/2	17,873	1/2	5,792	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,675	3/4	53,588	3/4	41,501	3/4	29,665	3/4	17,622	3/4	5,542	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	65,424	11	53,337	11	41,249	11	29,421	11	17,370	11	5,292	11	11	11	11	11	11	11	11
1/4	65,172	1/4	53,085	1/4	40,998	1/4	29,176	1/4	17,118	1/4	5,041	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,920	1/2	52,833	1/2	40,746	1/2	28,932	1/2	16,866	1/2	4,792	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,668	3/4	52,581	3/4	40,494	3/4	28,687	3/4	16,614	3/4	4,543	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/12/2011 CL  
CALCULATED: 12/12/2011 CL  
PRINTED: 12/12/2011 CL

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2011



# BARGE "CBC 1341"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

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	151,744	0	143,438	0	132,765	0	122,069	0	111,337	0	100,604	0	89,872	0	79,139		
1/4	1/4	1/4	151,728	1/4	143,216	1/4	132,542	1/4	121,845	1/4	111,113	1/4	100,380	1/4	89,648	1/4	78,915		
1/2	1/2	1/2	151,713	1/2	142,994	1/2	132,320	1/2	121,622	1/2	110,889	1/2	100,157	1/2	89,424	1/2	78,691		
3/4	3/4	3/4	151,661	3/4	142,771	3/4	132,098	3/4	121,398	3/4	110,666	3/4	100,000	3/4	89,201	3/4	78,468		
1	1	1	151,608	1	142,549	1	131,875	1	121,175	1	110,442	1	99,710	1	88,977	1	78,244		
1/4	1/4	1/4	151,555	1/4	142,326	1/4	131,653	1/4	120,951	1/4	110,219	1/4	99,486	1/4	88,754	1/4	78,020		
1/2	1/2	1/2	151,503	1/2	142,104	1/2	131,430	1/2	120,727	1/2	109,995	1/2	99,263	1/2	88,530	1/2	77,797		
3/4	3/4	3/4	151,413	3/4	141,882	3/4	131,208	3/4	120,504	3/4	109,771	3/4	99,039	3/4	88,306	3/4	77,573		
2	2	2	151,323	2	141,659	2	130,986	2	120,280	2	109,548	2	98,815	2	88,083	2	77,349		
1/4	1/4	1/4	151,233	1/4	141,437	1/4	130,763	1/4	120,057	1/4	109,324	1/4	98,592	1/4	87,859	1/4	77,126		
1/2	1/2	1/2	151,143	1/2	141,215	1/2	130,541	1/2	119,833	1/2	109,101	1/2	98,368	1/2	87,636	1/2	76,902		
3/4	3/4	3/4	151,016	3/4	140,992	3/4	130,319	3/4	119,609	3/4	108,877	3/4	98,145	3/4	87,412	3/4	76,679		
3	3	3	150,889	3	140,770	3	130,096	3	119,386	3	108,653	3	97,921	3	87,189	3	76,455		
1/4	1/4	1/4	150,762	1/4	140,547	1/4	129,874	1/4	119,162	1/4	108,430	1/4	97,697	1/4	86,965	1/4	76,231		
1/2	1/2	1/2	150,635	1/2	140,325	1/2	129,652	1/2	118,939	1/2	108,206	1/2	97,474	1/2	86,741	1/2	76,008		
3/4	3/4	3/4	150,470	3/4	140,103	3/4	129,429	3/4	118,715	3/4	107,983	3/4	97,250	3/4	86,518	3/4	75,784		
4	4	4	150,306	4	139,880	4	129,207	4	118,492	4	107,759	4	97,027	4	86,294	4	75,560		
1/4	1/4	1/4	150,142	1/4	139,658	1/4	128,984	1/4	118,268	1/4	107,535	1/4	96,803	1/4	86,071	1/4	75,337		
1/2	1/2	1/2	149,977	1/2	139,436	1/2	128,762	1/2	118,044	1/2	107,312	1/2	96,579	1/2	85,847	1/2	75,113		
3/4	3/4	3/4	149,775	3/4	139,213	3/4	128,540	3/4	117,821	3/4	107,088	3/4	96,356	3/4	85,623	3/4	74,890		
5	5	5	149,574	5	138,991	5	128,317	5	117,597	5	106,865	5	96,132	5	85,400	5	74,666		
1/4	1/4	1/4	149,372	1/4	138,769	1/4	128,095	1/4	117,374	1/4	106,641	1/4	95,909	1/4	85,176	1/4	74,442		
1/2	1/2	1/2	149,170	1/2	138,546	1/2	127,873	1/2	117,150	1/2	106,417	1/2	95,685	1/2	84,953	1/2	74,219		
3/4	3/4	3/4	148,950	3/4	138,324	3/4	127,650	3/4	116,926	3/4	106,194	3/4	95,461	3/4	84,729	3/4	73,995		
6	6	6	148,730	6	138,101	6	127,428	6	116,703	6	105,970	6	95,238	6	84,505	6	73,771		
1/4	1/4	1/4	148,510	1/4	137,879	1/4	127,205	1/4	116,479	1/4	105,747	1/4	95,014	1/4	84,282	1/4	73,548		
1/2	1/2	1/2	148,289	1/2	137,657	1/2	126,983	1/2	116,256	1/2	105,523	1/2	94,791	1/2	84,058	1/2	73,324		
3/4	3/4	3/4	148,069	3/4	137,434	3/4	126,761	3/4	116,032	3/4	105,300	3/4	94,567	3/4	83,835	3/4	73,100		
7	7	7	147,849	7	137,212	7	126,538	7	115,808	7	105,076	7	94,343	7	83,611	7	72,877		
1/4	1/4	1/4	147,628	1/4	136,990	1/4	126,316	1/4	115,585	1/4	104,852	1/4	94,120	1/4	83,387	1/4	72,653		
1/2	1/2	1/2	147,408	1/2	136,767	1/2	126,094	1/2	115,361	1/2	104,629	1/2	93,896	1/2	83,164	1/2	72,430		
3/4	3/4	3/4	147,188	3/4	136,545	3/4	125,870	3/4	115,138	3/4	104,405	3/4	93,673	3/4	82,940	3/4	72,206		
8	8	8	146,967	8	136,323	8	125,646	8	114,914	8	104,182	8	93,449	8	82,717	8	71,982		
1/4	1/4	1/4	146,747	1/4	136,100	1/4	125,423	1/4	114,690	1/4	103,958	1/4	93,226	1/4	82,493	1/4	71,759		
1/2	1/2	1/2	146,527	1/2	135,878	1/2	125,199	1/2	114,467	1/2	103,734	1/2	93,002	1/2	82,269	1/2	71,535		
3/4	3/4	3/4	146,306	3/4	135,655	3/4	124,976	3/4	114,243	3/4	103,511	3/4	92,778	3/4	82,046	3/4	71,311		
9	9	9	146,086	9	135,433	9	124,752	9	114,020	9	103,287	9	92,555	9	81,822	9	71,088		
1/4	1/4	1/4	145,866	1/4	135,211	1/4	124,529	1/4	113,796	1/4	103,064	1/4	92,331	1/4	81,598	1/4	70,864		
1/2	1/2	1/2	145,645	1/2	134,988	1/2	124,305	1/2	113,572	1/2	102,840	1/2	92,108	1/2	81,375	1/2	70,641		
3/4	3/4	3/4	145,425	3/4	134,766	3/4	124,081	3/4	113,349	3/4	102,616	3/4	91,884	3/4	81,151	3/4	70,417		
10	10	10	145,205	10	134,544	10	123,858	10	113,125	10	102,393	10	91,660	10	80,928	10	70,193		
1/4	1/4	1/4	144,985	1/4	134,321	1/4	123,634	1/4	112,902	1/4	102,169	1/4	91,437	1/4	80,704	1/4	69,970		
1/2	1/2	1/2	144,764	1/2	134,099	1/2	123,411	1/2	112,678	1/2	101,946	1/2	91,213	1/2	80,480	1/2	69,746		
3/4	3/4	3/4	144,544	3/4	133,876	3/4	123,187	3/4	112,455	3/4	101,722	3/4	90,990	3/4	80,257	3/4	69,522		
11	11	11	144,324	11	133,654	11	122,963	11	112,231	11	101,498	11	90,766	11	80,033	11	69,299		
1/4	1/4	1/4	144,103	1/4	133,432	1/4	122,740	1/4	112,007	1/4	101,275	1/4	90,542	1/4	79,809	1/4	69,075		
1/2	1/2	1/2	151,774	1/2	143,883	1/2	133,209	1/2	122,516	1/2	111,784	1/2	90,319	1/2	79,586	1/2	68,852		
3/4	3/4	3/4	151,759	3/4	143,661	3/4	132,987	3/4	122,293	3/4	111,560	3/4	90,095	3/4	79,362	3/4	68,628		

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 1341"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	68,404	0	57,670	0	46,936	0	36,201	0	25,491	0	14,759	0	4,039	0		0		0	
1/4	68,181	1/4	57,446	1/4	46,712	1/4	35,978	1/4	25,268	1/4	14,536	1/4	3,818	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,957	1/2	57,223	1/2	46,488	1/2	35,754	1/2	25,044	1/2	14,312	1/2	3,597	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,733	3/4	56,999	3/4	46,265	3/4	35,531	3/4	24,821	3/4	14,088	3/4	3,378	3/4	3/4	3/4	3/4	3/4	3/4
1	67,510	1	56,775	1	46,041	1	35,307	1	24,598	1	13,865	1	3,159	1	1	1	1	1	1
1/4	67,286	1/4	56,552	1/4	45,818	1/4	35,083	1/4	24,375	1/4	13,641	1/4	2,940	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,062	1/2	56,328	1/2	45,594	1/2	34,860	1/2	24,151	1/2	13,418	1/2	2,720	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,839	3/4	56,105	3/4	45,370	3/4	34,636	3/4	23,928	3/4	13,194	3/4	2,516	3/4	3/4	3/4	3/4	3/4	3/4
2	66,615	2	55,881	2	45,147	2	34,412	2	23,704	2	12,970	2	2,312	2	2	2	2	2	2
1/4	66,392	1/4	55,657	1/4	44,923	1/4	34,189	1/4	23,480	1/4	12,747	1/4	2,107	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,168	1/2	55,434	1/2	44,699	1/2	33,965	1/2	23,257	1/2	12,523	1/2	1,903	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,944	3/4	55,210	3/4	44,476	3/4	33,742	3/4	23,033	3/4	12,299	3/4	1,735	3/4	3/4	3/4	3/4	3/4	3/4
3	65,721	3	54,986	3	44,252	3	33,518	3	22,810	3	12,076	3	1,567	3	3	3	3	3	3
1/4	65,497	1/4	54,763	1/4	44,029	1/4	33,294	1/4	22,586	1/4	11,852	1/4	1,400	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,273	1/2	54,539	1/2	43,805	1/2	33,071	1/2	22,362	1/2	11,629	1/2	1,232	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,050	3/4	54,316	3/4	43,581	3/4	32,848	3/4	22,139	3/4	11,405	3/4	1,101	3/4	3/4	3/4	3/4	3/4	3/4
4	64,826	4	54,092	4	43,358	4	32,625	4	21,915	4	11,181	4	971	4	4	4	4	4	4
1/4	64,603	1/4	53,868	1/4	43,134	1/4	32,402	1/4	21,691	1/4	10,958	1/4	841	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,379	1/2	53,645	1/2	42,910	1/2	32,179	1/2	21,468	1/2	10,734	1/2	710	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,155	3/4	53,421	3/4	42,687	3/4	31,956	3/4	21,244	3/4	10,510	3/4	617	3/4	3/4	3/4	3/4	3/4	3/4
5	63,932	5	53,197	5	42,463	5	31,733	5	21,021	5	10,287	5	524	5	5	5	5	5	5
1/4	63,708	1/4	52,974	1/4	42,239	1/4	31,510	1/4	20,797	1/4	10,063	1/4	431	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,484	1/2	52,750	1/2	42,016	1/2	31,287	1/2	20,573	1/2	9,840	1/2	337	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,261	3/4	52,526	3/4	41,792	3/4	31,064	3/4	20,350	3/4	9,616	3/4	282	3/4	3/4	3/4	3/4	3/4	3/4
6	63,037	6	52,303	6	41,569	6	30,842	6	20,126	6	9,392	6	226	6	6	6	6	6	6
1/4	62,813	1/4	52,079	1/4	41,345	1/4	30,619	1/4	19,903	1/4	9,169	1/4	170	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,590	1/2	51,856	1/2	41,121	1/2	30,396	1/2	19,679	1/2	8,945	1/2	114	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,366	3/4	51,632	3/4	40,898	3/4	30,173	3/4	19,455	3/4	8,721	3/4	95	3/4	3/4	3/4	3/4	3/4	3/4
7	62,143	7	51,408	7	40,674	7	29,950	7	19,232	7	8,498	7	77	7	7	7	7	7	7
1/4	61,919	1/4	51,185	1/4	40,450	1/4	29,727	1/4	19,008	1/4	8,274	1/4	58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,695	1/2	50,961	1/2	40,227	1/2	29,504	1/2	18,784	1/2	8,051	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,472	3/4	50,737	3/4	40,003	3/4	29,281	3/4	18,561	3/4	7,827	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	61,248	8	50,514	8	39,780	8	29,058	8	18,337	8	7,603	8		8	8	8	8	8	8
1/4	61,024	1/4	50,290	1/4	39,556	1/4	28,835	1/4	18,114	1/4	7,380	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,801	1/2	50,067	1/2	39,332	1/2	28,612	1/2	17,890	1/2	7,156	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,577	3/4	49,843	3/4	39,109	3/4	28,390	3/4	17,666	3/4	6,933	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,354	9	49,619	9	38,885	9	28,167	9	17,443	9	6,709	9		9	9	9	9	9	9
1/4	60,130	1/4	49,396	1/4	38,661	1/4	27,944	1/4	17,219	1/4	6,486	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,906	1/2	49,172	1/2	38,438	1/2	27,721	1/2	16,995	1/2	6,262	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,683	3/4	48,948	3/4	38,214	3/4	27,498	3/4	16,772	3/4	6,040	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,459	10	48,725	10	37,991	10	27,275	10	16,548	10	5,817	10		10	10	10	10	10	10
1/4	59,235	1/4	48,501	1/4	37,767	1/4	27,052	1/4	16,325	1/4	5,594	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,012	1/2	48,278	1/2	37,543	1/2	26,829	1/2	16,101	1/2	5,371	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,788	3/4	48,054	3/4	37,320	3/4	26,606	3/4	15,877	3/4	5,148	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,565	11	47,830	11	37,096	11	26,383	11	15,654	11	4,926	11		11	11	11	11	11	11
1/4	58,341	1/4	47,607	1/4	36,872	1/4	26,160	1/4	15,430	1/4	4,704	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,117	1/2	47,383	1/2	36,649	1/2	25,937	1/2	15,206	1/2	4,482	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,894	3/4	47,159	3/4	36,425	3/4	25,714	3/4	14,983	3/4	4,260	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/12/2011 CL  
CALCULATED: 12/12/2011 CL  
PRINTED: 12/12/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2011

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