



# BARGE "CBC 1335"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS -00-1/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 162'-06"

July 14, 2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
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<http://www.pmacorp.net>



# BARGE "CBC 1335"

# 1 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	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 INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1335"

## 1 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	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: 07/14/2011 SW  
CALCULATED: 07/14/2011 CL  
PRINTED: 07/15/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 1335"

## 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	9,063	0	21,154	0	33,098	0	45,042	0	57,134	0	69,225	0	81,316	0	93,407	0	105,497
1/4	60	1/4	9,315	1/4	21,406	1/4	33,343	1/4	45,294	1/4	57,386	1/4	69,477	1/4	81,568	1/4	93,659	1/4	105,749
1/2	81	1/2	9,567	1/2	21,658	1/2	33,587	1/2	45,546	1/2	57,637	1/2	69,729	1/2	81,820	1/2	93,911	1/2	106,000
3/4	102	3/4	9,819	3/4	21,910	3/4	33,832	3/4	45,798	3/4	57,889	3/4	69,981	3/4	82,072	3/4	94,163	3/4	106,252
1	123	1	10,071	1	22,162	1	34,076	1	46,050	1	58,141	1	70,233	1	82,324	1	94,415	1	106,504
1/4	186	1/4	10,323	1/4	22,414	1/4	34,321	1/4	46,302	1/4	58,393	1/4	70,484	1/4	82,576	1/4	94,667	1/4	106,756
1/2	249	1/2	10,575	1/2	22,666	1/2	34,565	1/2	46,554	1/2	58,645	1/2	70,736	1/2	82,828	1/2	94,919	1/2	107,008
3/4	312	3/4	10,827	3/4	22,917	3/4	34,809	3/4	46,806	3/4	58,897	3/4	70,988	3/4	83,079	3/4	95,170	3/4	107,260
2	375	2	11,079	2	23,169	2	35,054	2	47,058	2	59,149	2	71,240	2	83,331	2	95,422	2	107,512
1/4	480	1/4	11,330	1/4	23,421	1/4	35,298	1/4	47,309	1/4	59,401	1/4	71,492	1/4	83,583	1/4	95,674	1/4	107,763
1/2	585	1/2	11,582	1/2	23,673	1/2	35,543	1/2	47,561	1/2	59,653	1/2	71,744	1/2	83,835	1/2	95,926	1/2	108,015
3/4	690	3/4	11,834	3/4	23,925	3/4	35,787	3/4	47,813	3/4	59,905	3/4	71,996	3/4	84,087	3/4	96,178	3/4	108,267
3	795	3	12,086	3	24,177	3	36,032	3	48,065	3	60,156	3	72,248	3	84,339	3	96,430	3	108,519
1/4	942	1/4	12,338	1/4	24,429	1/4	36,276	1/4	48,317	1/4	60,408	1/4	72,500	1/4	84,591	1/4	96,682	1/4	108,771
1/2	1,089	1/2	12,590	1/2	24,681	1/2	36,521	1/2	48,569	1/2	60,660	1/2	72,752	1/2	84,843	1/2	96,933	1/2	109,023
3/4	1,236	3/4	12,842	3/4	24,933	3/4	36,765	3/4	48,821	3/4	60,912	3/4	73,003	3/4	85,095	3/4	97,185	3/4	109,275
4	1,383	4	13,094	4	25,185	4	37,010	4	49,073	4	61,164	4	73,255	4	85,347	4	97,437	4	109,526
1/4	1,572	1/4	13,346	1/4	25,436	1/4	37,255	1/4	49,325	1/4	61,416	1/4	73,507	1/4	85,599	1/4	97,689	1/4	109,778
1/2	1,761	1/2	13,597	1/2	25,688	1/2	37,499	1/2	49,577	1/2	61,668	1/2	73,759	1/2	85,850	1/2	97,941	1/2	110,030
3/4	1,949	3/4	13,849	3/4	25,940	3/4	37,744	3/4	49,828	3/4	61,920	3/4	74,011	3/4	86,102	3/4	98,193	3/4	110,282
5	2,138	5	14,101	5	26,192	5	37,989	5	50,080	5	62,172	5	74,263	5	86,354	5	98,445	5	110,534
1/4	2,369	1/4	14,353	1/4	26,444	1/4	38,241	1/4	50,332	1/4	62,424	1/4	74,515	1/4	86,606	1/4	98,696	1/4	110,786
1/2	2,599	1/2	14,605	1/2	26,696	1/2	38,493	1/2	50,584	1/2	62,675	1/2	74,767	1/2	86,858	1/2	98,948	1/2	111,038
3/4	2,829	3/4	14,857	3/4	26,948	3/4	38,745	3/4	50,836	3/4	62,927	3/4	75,019	3/4	87,110	3/4	99,200	3/4	111,289
6	3,059	6	15,109	6	27,200	6	38,997	6	51,088	6	63,179	6	75,271	6	87,362	6	99,452	6	111,541
1/4	3,306	1/4	15,361	1/4	27,452	1/4	39,249	1/4	51,340	1/4	63,431	1/4	75,522	1/4	87,614	1/4	99,704	1/4	111,793
1/2	3,553	1/2	15,613	1/2	27,703	1/2	39,501	1/2	51,592	1/2	63,683	1/2	75,774	1/2	87,866	1/2	99,956	1/2	112,045
3/4	3,800	3/4	15,865	3/4	27,955	3/4	39,752	3/4	51,844	3/4	63,935	3/4	76,026	3/4	88,118	3/4	100,208	3/4	112,297
7	4,047	7	16,116	7	28,207	7	40,004	7	52,096	7	64,187	7	76,278	7	88,369	7	100,460	7	112,549
1/4	4,296	1/4	16,368	1/4	28,452	1/4	40,256	1/4	52,347	1/4	64,439	1/4	76,530	1/4	88,621	1/4	100,711	1/4	112,801
1/2	4,545	1/2	16,620	1/2	28,697	1/2	40,508	1/2	52,599	1/2	64,691	1/2	76,782	1/2	88,873	1/2	100,963	1/2	113,052
3/4	4,794	3/4	16,872	3/4	28,942	3/4	40,760	3/4	52,851	3/4	64,943	3/4	77,034	3/4	89,125	3/4	101,215	3/4	113,304
8	5,043	8	17,124	8	29,187	8	41,012	8	53,103	8	65,194	8	77,286	8	89,377	8	101,467	8	113,556
1/4	5,293	1/4	17,376	1/4	29,431	1/4	41,264	1/4	53,355	1/4	65,446	1/4	77,538	1/4	89,629	1/4	101,719	1/4	113,808
1/2	5,544	1/2	17,628	1/2	29,676	1/2	41,516	1/2	53,607	1/2	65,698	1/2	77,790	1/2	89,881	1/2	101,971	1/2	114,060
3/4	5,794	3/4	17,880	3/4	29,920	3/4	41,768	3/4	53,859	3/4	65,950	3/4	78,041	3/4	90,133	3/4	102,223	3/4	114,312
9	6,045	9	18,132	9	30,164	9	42,020	9	54,111	9	66,202	9	78,293	9	90,385	9	102,474	9	114,564
1/4	6,296	1/4	18,383	1/4	30,409	1/4	42,271	1/4	54,363	1/4	66,454	1/4	78,545	1/4	90,637	1/4	102,726	1/4	114,815
1/2	6,547	1/2	18,635	1/2	30,653	1/2	42,523	1/2	54,615	1/2	66,706	1/2	78,797	1/2	90,888	1/2	102,978	1/2	115,067
3/4	6,798	3/4	18,887	3/4	30,898	3/4	42,775	3/4	54,867	3/4	66,958	3/4	79,049	3/4	91,140	3/4	103,230	3/4	115,319
10	7,049	10	19,139	10	31,142	10	43,027	10	55,118	10	67,210	10	79,301	10	91,392	10	103,482	10	115,571
1/4	7,301	1/4	19,391	1/4	31,387	1/4	43,279	1/4	55,370	1/4	67,462	1/4	79,553	1/4	91,644	1/4	103,734	1/4	115,823
1/2	7,553	1/2	19,643	1/2	31,631	1/2	43,531	1/2	55,622	1/2	67,713	1/2	79,805	1/2	91,896	1/2	103,986	1/2	116,075
3/4	7,804	3/4	19,895	3/4	31,876	3/4	43,783	3/4	55,874	3/4	67,965	3/4	80,057	3/4	92,148	3/4	104,237	3/4	116,327
11	8,056	11	20,147	11	32,120	11	44,035	11	56,126	11	68,217	11	80,309	11	92,400	11	104,489	11	116,578
1/4	8,308	1/4	20,399	1/4	32,365	1/4	44,287	1/4	56,378	1/4	68,469	1/4	80,560	1/4	92,652	1/4	104,741	1/4	116,830
1/2	8,560	1/2	20,650	1/2	32,609	1/2	44,539	1/2	56,630	1/2	68,721	1/2	80,812	1/2	92,904	1/2	104,993	1/2	117,082
3/4	8,812	3/4	20,902	3/4	32,854	3/4	44,790	3/4	56,882	3/4	68,973	3/4	81,064	3/4	93,156	3/4	105,245	3/4	117,334

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1335"

## 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	117,586	0	129,675	0	141,764	0	153,786	0	165,771	0		0		0		0		0	
1/4	117,838	1/4	129,927	1/4	142,015	1/4	154,037	1/4	166,019	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,090	1/2	130,179	1/2	142,265	1/2	154,287	1/2	166,267	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,341	3/4	130,431	3/4	142,516	3/4	154,538	3/4	166,516	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,593	1	130,682	1	142,766	1	154,788	1	166,764	1	1	1	1	1	1	1	1	1	1
1/4	118,845	1/4	130,934	1/4	143,017	1/4	155,039	1/4	167,012	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,097	1/2	131,186	1/2	143,267	1/2	155,289	1/2	167,260	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,349	3/4	131,438	3/4	143,517	3/4	155,539	3/4	167,508	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,601	2	131,690	2	143,768	2	155,790	2	167,756	2	2	2	2	2	2	2	2	2	2
1/4	119,853	1/4	131,942	1/4	144,018	1/4	156,040	1/4	167,984	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,104	1/2	132,194	1/2	144,269	1/2	156,291	1/2	168,211	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,356	3/4	132,446	3/4	144,519	3/4	156,541	3/4	168,438	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,608	3	132,697	3	144,770	3	156,792	3	168,665	3	3	3	3	3	3	3	3	3	3
1/4	120,860	1/4	132,949	1/4	145,020	1/4	157,042	1/4	168,850	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,112	1/2	133,201	1/2	145,271	1/2	157,293	1/2	169,035	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,364	3/4	133,453	3/4	145,521	3/4	157,543	3/4	169,220	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,616	4	133,705	4	145,772	4	157,794	4	169,406	4	4	4	4	4	4	4	4	4	4
1/4	121,867	1/4	133,957	1/4	146,022	1/4	158,044	1/4	169,549	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,119	1/2	134,209	1/2	146,273	1/2	158,294	1/2	169,692	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,371	3/4	134,460	3/4	146,523	3/4	158,545	3/4	169,835	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,623	5	134,712	5	146,773	5	158,795	5	169,978	5	5	5	5	5	5	5	5	5	5
1/4	122,875	1/4	134,964	1/4	147,024	1/4	159,046	1/4	170,080	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,127	1/2	135,216	1/2	147,274	1/2	159,296	1/2	170,181	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,379	3/4	135,468	3/4	147,525	3/4	159,547	3/4	170,282	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,630	6	135,720	6	147,775	6	159,797	6	170,383	6	6	6	6	6	6	6	6	6	6
1/4	123,882	1/4	135,972	1/4	148,026	1/4	160,048	1/4	170,442	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,134	1/2	136,223	1/2	148,276	1/2	160,298	1/2	170,502	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,386	3/4	136,475	3/4	148,527	3/4	160,549	3/4	170,561	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,638	7	136,727	7	148,777	7	160,799	7	170,620	7	7	7	7	7	7	7	7	7	7
1/4	124,890	1/4	136,979	1/4	149,028	1/4	161,050	1/4	170,637	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,142	1/2	137,231	1/2	149,278	1/2	161,300	1/2	170,655	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,393	3/4	137,483	3/4	149,528	3/4	161,550	3/4	170,672	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,645	8	137,735	8	149,779	8	161,801	8	170,689	8	8	8	8	8	8	8	8	8	8
1/4	125,897	1/4	137,986	1/4	150,029	1/4	162,049	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,149	1/2	138,238	1/2	150,280	1/2	162,297	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,401	3/4	138,490	3/4	150,530	3/4	162,545	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,653	9	138,742	9	150,781	9	162,793	9		9	9	9	9	9	9	9	9	9	9
1/4	126,905	1/4	138,994	1/4	151,031	1/4	163,042	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,156	1/2	139,246	1/2	151,282	1/2	163,290	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,408	3/4	139,498	3/4	151,532	3/4	163,538	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,660	10	139,749	10	151,783	10	163,786	10	10	10	10	10	10	10	10	10	10	10	10
1/4	127,912	1/4	140,001	1/4	152,033	1/4	164,034	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,164	1/2	140,253	1/2	152,284	1/2	164,282	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,416	3/4	140,505	3/4	152,534	3/4	164,530	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,668	11	140,757	11	152,784	11	164,779	11		11	11	11	11	11	11	11	11	11	11
1/4	128,919	1/4	141,009	1/4	153,035	1/4	165,027	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,171	1/2	141,261	1/2	153,285	1/2	165,275	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,423	3/4	141,512	3/4	153,536	3/4	165,523	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: 07/14/2011 SW  
CALCULATED: 07/14/2011 CL  
PRINTED: 07/15/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1335"

## 3 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	8,047	0	18,777	0	29,493	0	40,211	0	50,941	0	61,671	0	72,401	0	83,131	0	93,860
1/4	58	1/4	8,271	1/4	19,001	1/4	29,715	1/4	40,435	1/4	51,165	1/4	61,895	1/4	72,625	1/4	83,355	1/4	94,083
1/2	77	1/2	8,495	1/2	19,224	1/2	29,938	1/2	40,658	1/2	51,388	1/2	62,118	1/2	72,848	1/2	83,578	1/2	94,307
3/4	95	3/4	8,718	3/4	19,448	3/4	30,161	3/4	40,882	3/4	51,612	3/4	62,342	3/4	73,072	3/4	83,802	3/4	94,530
1	114	1	8,942	1	19,671	1	30,384	1	41,105	1	51,835	1	62,565	1	73,295	1	84,025	1	94,754
1/4	170	1/4	9,165	1/4	19,895	1/4	30,607	1/4	41,329	1/4	52,059	1/4	62,789	1/4	73,519	1/4	84,249	1/4	94,977
1/2	226	1/2	9,389	1/2	20,118	1/2	30,829	1/2	41,552	1/2	52,282	1/2	63,012	1/2	73,743	1/2	84,472	1/2	95,201
3/4	281	3/4	9,612	3/4	20,342	3/4	31,052	3/4	41,776	3/4	52,506	3/4	63,236	3/4	73,966	3/4	84,696	3/4	95,424
2	337	2	9,836	2	20,565	2	31,275	2	41,999	2	52,729	2	63,460	2	74,190	2	84,919	2	95,648
1/4	430	1/4	10,059	1/4	20,789	1/4	31,498	1/4	42,223	1/4	52,953	1/4	63,683	1/4	74,413	1/4	85,143	1/4	95,871
1/2	524	1/2	10,283	1/2	21,012	1/2	31,721	1/2	42,447	1/2	53,177	1/2	63,907	1/2	74,637	1/2	85,366	1/2	96,095
3/4	617	3/4	10,506	3/4	21,236	3/4	31,944	3/4	42,670	3/4	53,400	3/4	64,130	3/4	74,860	3/4	85,590	3/4	96,318
3	710	3	10,730	3	21,459	3	32,166	3	42,894	3	53,624	3	64,354	3	75,084	3	85,813	3	96,542
1/4	840	1/4	10,953	1/4	21,683	1/4	32,389	1/4	43,117	1/4	53,847	1/4	64,577	1/4	75,307	1/4	86,037	1/4	96,765
1/2	971	1/2	11,177	1/2	21,907	1/2	32,612	1/2	43,341	1/2	54,071	1/2	64,801	1/2	75,531	1/2	86,260	1/2	96,989
3/4	1,101	3/4	11,400	3/4	22,130	3/4	32,835	3/4	43,564	3/4	54,294	3/4	65,024	3/4	75,754	3/4	86,484	3/4	97,212
4	1,231	4	11,624	4	22,354	4	33,058	4	43,788	4	54,518	4	65,248	4	75,978	4	86,707	4	97,436
1/4	1,399	1/4	11,848	1/4	22,577	1/4	33,281	1/4	44,011	1/4	54,741	1/4	65,471	1/4	76,201	1/4	86,931	1/4	97,659
1/2	1,567	1/2	12,071	1/2	22,801	1/2	33,505	1/2	44,235	1/2	54,965	1/2	65,695	1/2	76,425	1/2	87,154	1/2	97,883
3/4	1,734	3/4	12,295	3/4	23,024	3/4	33,728	3/4	44,458	3/4	55,188	3/4	65,919	3/4	76,649	3/4	87,378	3/4	98,106
5	1,902	5	12,518	5	23,248	5	33,952	5	44,682	5	55,412	5	66,142	5	76,872	5	87,601	5	98,330
1/4	2,106	1/4	12,742	1/4	23,471	1/4	34,175	1/4	44,905	1/4	55,636	1/4	66,366	1/4	77,096	1/4	87,825	1/4	98,553
1/2	2,311	1/2	12,965	1/2	23,695	1/2	34,399	1/2	45,129	1/2	55,859	1/2	66,589	1/2	77,319	1/2	88,048	1/2	98,777
3/4	2,515	3/4	13,189	3/4	23,918	3/4	34,623	3/4	45,353	3/4	56,083	3/4	66,813	3/4	77,543	3/4	88,272	3/4	99,000
6	2,719	6	13,412	6	24,142	6	34,846	6	45,576	6	56,306	6	67,036	6	77,766	6	88,495	6	99,224
1/4	2,938	1/4	13,636	1/4	24,365	1/4	35,070	1/4	45,800	1/4	56,530	1/4	67,260	1/4	77,990	1/4	88,719	1/4	99,447
1/2	3,157	1/2	13,859	1/2	24,588	1/2	35,293	1/2	46,023	1/2	56,753	1/2	67,483	1/2	78,213	1/2	88,942	1/2	99,671
3/4	3,377	3/4	14,083	3/4	24,811	3/4	35,517	3/4	46,247	3/4	56,977	3/4	67,707	3/4	78,437	3/4	89,166	3/4	99,894
7	3,596	7	14,306	7	25,035	7	35,740	7	46,470	7	57,200	7	67,930	7	78,660	7	89,389	7	100,118
1/4	3,817	1/4	14,530	1/4	25,258	1/4	35,964	1/4	46,694	1/4	57,424	1/4	68,154	1/4	78,884	1/4	89,613	1/4	100,341
1/2	4,038	1/2	14,753	1/2	25,481	1/2	36,187	1/2	46,917	1/2	57,647	1/2	68,377	1/2	79,108	1/2	89,836	1/2	100,565
3/4	4,259	3/4	14,977	3/4	25,704	3/4	36,411	3/4	47,141	3/4	57,871	3/4	68,601	3/4	79,331	3/4	90,060	3/4	100,788
8	4,480	8	15,201	8	25,927	8	36,634	8	47,364	8	58,095	8	68,825	8	79,555	8	90,283	8	101,012
1/4	4,702	1/4	15,424	1/4	26,150	1/4	36,858	1/4	47,588	1/4	58,318	1/4	69,048	1/4	79,778	1/4	90,507	1/4	101,235
1/2	4,924	1/2	15,648	1/2	26,373	1/2	37,081	1/2	47,812	1/2	58,542	1/2	69,272	1/2	80,002	1/2	90,730	1/2	101,459
3/4	5,146	3/4	15,871	3/4	26,596	3/4	37,305	3/4	48,035	3/4	58,765	3/4	69,495	3/4	80,225	3/4	90,954	3/4	101,682
9	5,368	9	16,095	9	26,819	9	37,529	9	48,259	9	58,989	9	69,719	9	80,449	9	91,177	9	101,906
1/4	5,591	1/4	16,318	1/4	27,041	1/4	37,752	1/4	48,482	1/4	59,212	1/4	69,942	1/4	80,672	1/4	91,401	1/4	102,129
1/2	5,814	1/2	16,542	1/2	27,264	1/2	37,976	1/2	48,706	1/2	59,436	1/2	70,166	1/2	80,896	1/2	91,625	1/2	102,353
3/4	6,037	3/4	16,765	3/4	27,487	3/4	38,199	3/4	48,929	3/4	59,659	3/4	70,389	3/4	81,119	3/4	91,848	3/4	102,576
10	6,260	10	16,989	10	27,710	10	38,423	10	49,153	10	59,883	10	70,613	10	81,343	10	92,072	10	102,800
1/4	6,483	1/4	17,212	1/4	27,933	1/4	38,646	1/4	49,376	1/4	60,106	1/4	70,836	1/4	81,567	1/4	92,295	1/4	103,023
1/2	6,707	1/2	17,436	1/2	28,156	1/2	38,870	1/2	49,600	1/2	60,330	1/2	71,060	1/2	81,790	1/2	92,519	1/2	103,247
3/4	6,930	3/4	17,659	3/4	28,378	3/4	39,093	3/4	49,823	3/4	60,553	3/4	71,284	3/4	82,014	3/4	92,742	3/4	103,470
11	7,153	11	17,883	11	28,601	11	39,317	11	50,047	11	60,777	11	71,507	11	82,237	11	92,966	11	103,694
1/4	7,377	1/4	18,106	1/4	28,824	1/4	39,540	1/4	50,271	1/4	61,001	1/4	71,731	1/4	82,461	1/4	93,189	1/4	103,917
1/2	7,600	1/2	18,330	1/2	29,047	1/2	39,764	1/2	50,494	1/2	61,224	1/2	71,954	1/2	82,684	1/2	93,413	1/2	104,141
3/4	7,824	3/4	18,554	3/4	29,270	3/4	39,988	3/4	50,718	3/4	61,448	3/4	72,178	3/4	82,908	3/4	93,636	3/4	104,364

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'-08" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1335"

## 3 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	104,588	0	115,316	0	126,044	0	136,714	0	147,350	0		0		0		0		0	
1/4	104,811	1/4	115,540	1/4	126,267	1/4	136,936	1/4	147,570	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,035	1/2	115,763	1/2	126,489	1/2	137,158	1/2	147,791	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,258	3/4	115,987	3/4	126,711	3/4	137,381	3/4	148,011	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,482	1	116,210	1	126,933	1	137,603	1	148,231	1	1	1	1	1	1	1	1	1	1
1/4	105,705	1/4	116,434	1/4	127,156	1/4	137,825	1/4	148,451	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,929	1/2	116,657	1/2	127,378	1/2	138,047	1/2	148,672	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,152	3/4	116,881	3/4	127,600	3/4	138,270	3/4	148,892	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,376	2	117,104	2	127,823	2	138,492	2	149,112	2	2	2	2	2	2	2	2	2	2
1/4	106,599	1/4	117,328	1/4	128,045	1/4	138,714	1/4	149,314	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,823	1/2	117,551	1/2	128,267	1/2	138,937	1/2	149,515	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,046	3/4	117,775	3/4	128,489	3/4	139,159	3/4	149,717	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,270	3	117,998	3	128,712	3	139,381	3	149,918	3	3	3	3	3	3	3	3	3	3
1/4	107,493	1/4	118,222	1/4	128,934	1/4	139,603	1/4	150,083	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,717	1/2	118,445	1/2	129,156	1/2	139,826	1/2	150,247	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,940	3/4	118,669	3/4	129,378	3/4	140,048	3/4	150,411	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,164	4	118,892	4	129,601	4	140,270	4	150,576	4	4	4	4	4	4	4	4	4	4
1/4	108,387	1/4	119,116	1/4	129,823	1/4	140,492	1/4	150,703	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,611	1/2	119,339	1/2	130,045	1/2	140,715	1/2	150,830	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,834	3/4	119,563	3/4	130,268	3/4	140,937	3/4	150,957	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,058	5	119,786	5	130,490	5	141,159	5	151,084	5	5	5	5	5	5	5	5	5	5
1/4	109,281	1/4	120,010	1/4	130,712	1/4	141,382	1/4	151,174	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,505	1/2	120,233	1/2	130,934	1/2	141,604	1/2	151,264	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,728	3/4	120,457	3/4	131,157	3/4	141,826	3/4	151,354	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,952	6	120,680	6	131,379	6	142,048	6	151,443	6	6	6	6	6	6	6	6	6	6
1/4	110,175	1/4	120,904	1/4	131,601	1/4	142,271	1/4	151,496	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,399	1/2	121,127	1/2	131,824	1/2	142,493	1/2	151,549	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,622	3/4	121,351	3/4	132,046	3/4	142,715	3/4	151,601	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,846	7	121,574	7	132,268	7	142,938	7	151,654	7	7	7	7	7	7	7	7	7	7
1/4	111,069	1/4	121,798	1/4	132,490	1/4	143,160	1/4	151,669	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,293	1/2	122,021	1/2	132,713	1/2	143,382	1/2	151,684	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,516	3/4	122,245	3/4	132,935	3/4	143,604	3/4	151,700	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,740	8	122,468	8	133,157	8	143,827	8	151,715	8	8	8	8	8	8	8	8	8	8
1/4	111,963	1/4	122,692	1/4	133,380	1/4	144,047	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,187	1/2	122,915	1/2	133,602	1/2	144,267	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,410	3/4	123,139	3/4	133,824	3/4	144,487	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,634	9	123,362	9	134,046	9	144,708	9		9	9	9	9	9	9	9	9	9	9
1/4	112,857	1/4	123,586	1/4	134,269	1/4	144,928	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,081	1/2	123,809	1/2	134,491	1/2	145,148	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,304	3/4	124,033	3/4	134,713	3/4	145,368	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,528	10	124,256	10	134,935	10	145,588	10	10	10	10	10	10	10	10	10	10	10	10
1/4	113,752	1/4	124,480	1/4	135,158	1/4	145,809	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,975	1/2	124,703	1/2	135,380	1/2	146,029	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,199	3/4	124,927	3/4	135,602	3/4	146,249	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,422	11	125,150	11	135,825	11	146,469	11		11	11	11	11	11	11	11	11	11	11
1/4	114,646	1/4	125,374	1/4	136,047	1/4	146,690	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,869	1/2	125,597	1/2	136,269	1/2	146,910	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,093	3/4	125,821	3/4	136,491	3/4	147,130	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: 07/14/2011 SW  
CALCULATED: 07/14/2011 CL  
PRINTED: 07/15/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1335"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 162'-06"

July 14, 2011

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

<http://www.pmacorp.net>



# BARGE "CBC 1335"

## 1 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	147,373	0	139,523	0	130,093	0	120,643	0	111,178	0	100,547	0	89,773	0	78,998
1/4	1/4	1/4	1/4	1/4	147,357	1/4	139,326	1/4	129,897	1/4	120,446	1/4	110,981	1/4	100,323	1/4	89,548	1/4	78,773
1/2	1/2	1/2	1/2	1/2	147,303	1/2	139,129	1/2	129,701	1/2	120,248	1/2	110,784	1/2	100,098	1/2	89,324	1/2	78,549
3/4	3/4	3/4	3/4	3/4	147,249	3/4	138,933	3/4	129,505	3/4	120,051	3/4	110,587	3/4	99,874	3/4	89,099	3/4	78,324
1		1		1	147,196	1	138,736	1	129,309	1	119,854	1	110,390	1	99,649	1	88,875	1	78,100
1/4	1/4	1/4	1/4	1/4	147,142	1/4	138,539	1/4	129,113	1/4	119,657	1/4	110,193	1/4	99,425	1/4	88,650	1/4	77,875
1/2	1/2	1/2	1/2	1/2	147,051	1/2	138,342	1/2	128,916	1/2	119,459	1/2	109,969	1/2	99,200	1/2	88,426	1/2	77,651
3/4	3/4	3/4	3/4	3/4	146,960	3/4	138,146	3/4	128,719	3/4	119,262	3/4	109,745	3/4	98,976	3/4	88,202	3/4	77,426
2		2		2	146,869	2	137,949	2	128,522	2	119,065	2	109,520	2	98,751	2	87,977	2	77,202
1/4	1/4	1/4	1/4	1/4	146,778	1/4	137,752	1/4	128,326	1/4	118,868	1/4	109,296	1/4	98,527	1/4	87,753	1/4	76,977
1/2	1/2	1/2	1/2	1/2	146,649	1/2	137,556	1/2	128,129	1/2	118,670	1/2	109,072	1/2	98,302	1/2	87,528	1/2	76,754
3/4	3/4	3/4	3/4	3/4	146,521	3/4	137,359	3/4	127,932	3/4	118,473	3/4	108,848	3/4	98,078	3/4	87,304	3/4	76,530
3		3		3	146,392	3	137,162	3	127,735	3	118,276	3	108,624	3	97,854	3	87,079	3	76,306
1/4	1/4	1/4	1/4	1/4	146,264	1/4	136,965	1/4	127,539	1/4	118,078	1/4	108,399	1/4	97,629	1/4	86,855	1/4	76,082
1/2	1/2	1/2	1/2	1/2	146,098	1/2	136,769	1/2	127,342	1/2	117,881	1/2	108,175	1/2	97,405	1/2	86,630	1/2	75,859
3/4	3/4	3/4	3/4	3/4	145,932	3/4	136,572	3/4	127,145	3/4	117,684	3/4	107,951	3/4	97,180	3/4	86,406	3/4	75,636
4		4		4	145,765	4	136,375	4	126,949	4	117,487	4	107,727	4	96,956	4	86,181	4	75,413
1/4	1/4	1/4	1/4	1/4	145,599	1/4	136,178	1/4	126,752	1/4	117,289	1/4	107,503	1/4	96,731	1/4	85,957	1/4	75,190
1/2	1/2	1/2	1/2	1/2	145,396	1/2	135,982	1/2	126,555	1/2	117,092	1/2	107,278	1/2	96,507	1/2	85,732	1/2	74,967
3/4	3/4	3/4	3/4	3/4	145,192	3/4	135,785	3/4	126,358	3/4	116,895	3/4	107,054	3/4	96,282	3/4	85,508	3/4	74,744
5		5		5	144,989	5	135,588	5	126,162	5	116,698	5	106,830	5	96,058	5	85,283	5	74,521
1/4	1/4	1/4	1/4	1/4	144,785	1/4	135,391	1/4	125,965	1/4	116,500	1/4	106,606	1/4	95,833	1/4	85,059	1/4	74,298
1/2	1/2	1/2	1/2	1/2	144,590	1/2	135,195	1/2	125,768	1/2	116,303	1/2	106,381	1/2	95,609	1/2	84,835	1/2	74,075
3/4	3/4	3/4	3/4	3/4	144,396	3/4	134,998	3/4	125,571	3/4	116,106	3/4	106,157	3/4	95,384	3/4	84,610	3/4	73,852
6		6		6	144,201	6	134,801	6	125,375	6	115,909	6	105,933	6	95,160	6	84,386	6	73,629
1/4	1/4	1/4	1/4	1/4	144,006	1/4	134,604	1/4	125,178	1/4	115,711	1/4	105,709	1/4	94,935	1/4	84,161	1/4	73,406
1/2	1/2	1/2	1/2	1/2	143,812	1/2	134,408	1/2	124,981	1/2	115,514	1/2	105,485	1/2	94,711	1/2	83,937	1/2	73,183
3/4	3/4	3/4	3/4	3/4	143,617	3/4	134,211	3/4	124,784	3/4	115,317	3/4	105,260	3/4	94,487	3/4	83,712	3/4	72,960
7		7		7	143,422	7	134,014	7	124,588	7	115,120	7	105,036	7	94,262	7	83,488	7	72,737
1/4	1/4	1/4	1/4	1/4	143,228	1/4	133,817	1/4	124,391	1/4	114,922	1/4	104,812	1/4	94,038	1/4	83,263	1/4	72,514
1/2	1/2	1/2	1/2	1/2	143,033	1/2	133,621	1/2	124,194	1/2	114,725	1/2	104,587	1/2	93,813	1/2	83,039	1/2	72,291
3/4	3/4	3/4	3/4	3/4	142,838	3/4	133,425	3/4	123,996	3/4	114,528	3/4	104,363	3/4	93,589	3/4	82,814	3/4	72,068
8		8		8	142,644	8	133,229	8	123,799	8	114,331	8	104,139	8	93,364	8	82,590	8	71,845
1/4	1/4	1/4	1/4	1/4	142,449	1/4	133,033	1/4	123,602	1/4	114,134	1/4	103,914	1/4	93,140	1/4	82,365	1/4	71,621
1/2	1/2	1/2	1/2	1/2	142,254	1/2	132,837	1/2	123,405	1/2	113,937	1/2	103,690	1/2	92,915	1/2	82,141	1/2	71,398
3/4	3/4	3/4	3/4	3/4	142,060	3/4	132,641	3/4	123,207	3/4	113,740	3/4	103,465	3/4	92,691	3/4	81,916	3/4	71,175
9		9		9	141,865	9	132,445	9	123,010	9	113,543	9	103,241	9	92,466	9	81,692	9	70,952
1/4	1/4	1/4	1/4	1/4	141,670	1/4	132,249	1/4	122,813	1/4	113,346	1/4	103,016	1/4	92,242	1/4	81,467	1/4	70,729
1/2	1/2	1/2	1/2	1/2	141,476	1/2	132,053	1/2	122,616	1/2	113,149	1/2	102,792	1/2	92,017	1/2	81,243	1/2	70,506
3/4	3/4	3/4	3/4	3/4	141,281	3/4	131,857	3/4	122,418	3/4	112,952	3/4	102,567	3/4	91,793	3/4	81,018	3/4	70,283
10		10		10	141,086	10	131,661	10	122,221	10	112,755	10	102,343	10	91,569	10	80,794	10	70,060
1/4	1/4	1/4	1/4	1/4	140,892	1/4	131,465	1/4	122,024	1/4	112,558	1/4	102,118	1/4	91,344	1/4	80,569	1/4	69,837
1/2	1/2	1/2	1/2	1/2	140,697	1/2	131,269	1/2	121,826	1/2	112,361	1/2	101,894	1/2	91,120	1/2	80,345	1/2	69,613
3/4	3/4	3/4	3/4	3/4	140,502	3/4	131,073	3/4	121,629	3/4	112,164	3/4	101,669	3/4	90,895	3/4	80,120	3/4	69,389
11		11		11	140,308	11	130,877	11	121,432	11	111,967	11	101,445	11	90,671	11	79,896	11	69,166
1/4	1/4	1/4	1/4	1/4	147,421	1/4	140,113	1/4	130,681	1/4	121,235	1/4	111,770	1/4	90,446	1/4	79,671	1/4	68,942
1/2	1/2	1/2	1/2	1/2	147,405	1/2	139,916	1/2	130,485	1/2	121,037	1/2	111,572	1/2	90,222	1/2	79,447	1/2	68,718
3/4	3/4	3/4	3/4	3/4	147,389	3/4	139,720	3/4	130,289	3/4	120,840	3/4	111,375	3/4	89,997	3/4	79,222	3/4	68,494

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1335"

## 1 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	68,270	0	57,502	0	46,731	0	35,960	0	25,392	0	14,623	0	3,840	0		0		0	
1/4	68,047	1/4	57,278	1/4	46,507	1/4	35,736	1/4	25,173	1/4	14,398	1/4	3,618	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,823	1/2	57,054	1/2	46,283	1/2	35,512	1/2	24,954	1/2	14,173	1/2	3,398	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,599	3/4	56,829	3/4	46,058	3/4	35,287	3/4	24,735	3/4	13,948	3/4	3,177	3/4	3/4	3/4	3/4	3/4	3/4
1	67,375	1	56,605	1	45,834	1	35,063	1	24,516	1	13,723	1	2,957	1	1	1	1	1	1
1/4	67,151	1/4	56,380	1/4	45,609	1/4	34,838	1/4	24,297	1/4	13,498	1/4	2,736	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,927	1/2	56,156	1/2	45,385	1/2	34,614	1/2	24,072	1/2	13,273	1/2	2,530	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,703	3/4	55,932	3/4	45,161	3/4	34,390	3/4	23,847	3/4	13,048	3/4	2,325	3/4	3/4	3/4	3/4	3/4	3/4
2	66,478	2	55,707	2	44,936	2	34,165	2	23,622	2	12,823	2	2,119	2	2	2	2	2	2
1/4	66,254	1/4	55,483	1/4	44,712	1/4	33,941	1/4	23,397	1/4	12,598	1/4	1,914	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,029	1/2	55,258	1/2	44,487	1/2	33,716	1/2	23,172	1/2	12,373	1/2	1,745	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,805	3/4	55,034	3/4	44,263	3/4	33,492	3/4	22,947	3/4	12,148	3/4	1,576	3/4	3/4	3/4	3/4	3/4	3/4
3	65,581	3	54,810	3	44,039	3	33,268	3	22,722	3	11,923	3	1,408	3	3	3	3	3	3
1/4	65,356	1/4	54,585	1/4	43,814	1/4	33,043	1/4	22,497	1/4	11,698	1/4	1,239	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,132	1/2	54,361	1/2	43,590	1/2	32,825	1/2	22,272	1/2	11,473	1/2	1,108	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,907	3/4	54,136	3/4	43,365	3/4	32,606	3/4	22,047	3/4	11,248	3/4	976	3/4	3/4	3/4	3/4	3/4	3/4
4	64,683	4	53,912	4	43,141	4	32,387	4	21,822	4	11,023	4	845	4	4	4	4	4	4
1/4	64,459	1/4	53,688	1/4	42,917	1/4	32,169	1/4	21,597	1/4	10,798	1/4	714	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,234	1/2	53,463	1/2	42,692	1/2	31,950	1/2	21,372	1/2	10,573	1/2	620	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,010	3/4	53,239	3/4	42,468	3/4	31,732	3/4	21,147	3/4	10,348	3/4	527	3/4	3/4	3/4	3/4	3/4	3/4
5	63,785	5	53,014	5	42,243	5	31,513	5	20,922	5	10,123	5	433	5	5	5	5	5	5
1/4	63,561	1/4	52,790	1/4	42,019	1/4	31,295	1/4	20,697	1/4	9,898	1/4	339	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,337	1/2	52,566	1/2	41,795	1/2	31,076	1/2	20,472	1/2	9,673	1/2	283	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,112	3/4	52,341	3/4	41,570	3/4	30,857	3/4	20,247	3/4	9,448	3/4	227	3/4	3/4	3/4	3/4	3/4	3/4
6	62,888	6	52,117	6	41,346	6	30,639	6	20,022	6	9,223	6	170	6	6	6	6	6	6
1/4	62,663	1/4	51,892	1/4	41,121	1/4	30,420	1/4	19,797	1/4	8,999	1/4	114	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,439	1/2	51,668	1/2	40,897	1/2	30,202	1/2	19,572	1/2	8,774	1/2	95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,215	3/4	51,444	3/4	40,673	3/4	29,983	3/4	19,347	3/4	8,549	3/4	77	3/4	3/4	3/4	3/4	3/4	3/4
7	61,990	7	51,219	7	40,448	7	29,765	7	19,123	7	8,324	7	58	7	7	7	7	7	7
1/4	61,766	1/4	50,995	1/4	40,224	1/4	29,546	1/4	18,898	1/4	8,099	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,541	1/2	50,770	1/2	39,999	1/2	29,327	1/2	18,673	1/2	7,874	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,317	3/4	50,546	3/4	39,775	3/4	29,109	3/4	18,448	3/4	7,649	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	61,093	8	50,322	8	39,551	8	28,890	8	18,223	8	7,424	8	8	8	8	8	8	8	8
1/4	60,868	1/4	50,097	1/4	39,326	1/4	28,672	1/4	17,998	1/4	7,199	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,644	1/2	49,873	1/2	39,102	1/2	28,453	1/2	17,773	1/2	6,974	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,420	3/4	49,649	3/4	38,878	3/4	28,235	3/4	17,548	3/4	6,749	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,195	9	49,424	9	38,653	9	28,016	9	17,323	9	6,524	9	9	9	9	9	9	9	9
1/4	59,971	1/4	49,200	1/4	38,429	1/4	27,797	1/4	17,098	1/4	6,300	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,746	1/2	48,975	1/2	38,204	1/2	27,579	1/2	16,873	1/2	6,075	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,522	3/4	48,751	3/4	37,980	3/4	27,360	3/4	16,648	3/4	5,851	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,298	10	48,527	10	37,756	10	27,142	10	16,423	10	5,627	10	10	10	10	10	10	10	10
1/4	59,073	1/4	48,302	1/4	37,531	1/4	26,923	1/4	16,198	1/4	5,402	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,849	1/2	48,078	1/2	37,307	1/2	26,704	1/2	15,973	1/2	5,179	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,624	3/4	47,853	3/4	37,082	3/4	26,486	3/4	15,748	3/4	4,955	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,400	11	47,629	11	36,858	11	26,267	11	15,523	11	4,731	11	11	11	11	11	11	11	11
1/4	58,176	1/4	47,405	1/4	36,634	1/4	26,049	1/4	15,298	1/4	4,508	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,951	1/2	47,180	1/2	36,409	1/2	25,830	1/2	15,073	1/2	4,285	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,727	3/4	46,956	3/4	36,185	3/4	25,611	3/4	14,848	3/4	4,063	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/14/2011 SW  
CALCULATED: 07/14/2011 CL  
PRINTED: 07/15/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

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



# BARGE "CBC 1335"

## 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	170,637	0	161,050	0	149,028	0	136,979	0	124,890	0	112,801	0	100,711	0	88,621
1/4	1/4	1/4	1/4	1/4	170,620	1/4	160,799	1/4	148,777	1/4	136,727	1/4	124,638	1/4	112,549	1/4	100,460	1/4	88,369
1/2	1/2	1/2	1/2	1/2	170,561	1/2	160,549	1/2	148,527	1/2	136,475	1/2	124,386	1/2	112,297	1/2	100,208	1/2	88,118
3/4	3/4	3/4	3/4	3/4	170,502	3/4	160,298	3/4	148,276	3/4	136,223	3/4	124,134	3/4	112,045	3/4	99,956	3/4	87,866
1		1		1	170,442	1	160,048	1	148,026	1	135,972	1	123,882	1	111,793	1	99,704	1	87,614
1/4	1/4	1/4	1/4	1/4	170,383	1/4	159,797	1/4	147,775	1/4	135,720	1/4	123,630	1/4	111,541	1/4	99,452	1/4	87,362
1/2	1/2	1/2	1/2	1/2	170,282	1/2	159,547	1/2	147,525	1/2	135,468	1/2	123,379	1/2	111,289	1/2	99,200	1/2	87,110
3/4	3/4	3/4	3/4	3/4	170,181	3/4	159,296	3/4	147,274	3/4	135,216	3/4	123,127	3/4	111,038	3/4	98,948	3/4	86,858
2		2		2	170,080	2	159,046	2	147,024	2	134,964	2	122,875	2	110,786	2	98,697	2	86,606
1/4	1/4	1/4	1/4	1/4	169,978	1/4	158,795	1/4	146,773	1/4	134,712	1/4	122,623	1/4	110,534	1/4	98,445	1/4	86,354
1/2	1/2	1/2	1/2	1/2	169,835	1/2	158,545	1/2	146,523	1/2	134,460	1/2	122,371	1/2	110,282	1/2	98,193	1/2	86,102
3/4	3/4	3/4	3/4	3/4	169,692	3/4	158,295	3/4	146,273	3/4	134,209	3/4	122,119	3/4	110,030	3/4	97,941	3/4	85,850
3		3		3	169,549	3	158,044	3	146,022	3	133,957	3	121,867	3	109,778	3	97,689	3	85,599
1/4	1/4	1/4	1/4	1/4	169,406	1/4	157,794	1/4	145,772	1/4	133,705	1/4	121,616	1/4	109,526	1/4	97,437	1/4	85,347
1/2	1/2	1/2	1/2	1/2	169,220	1/2	157,543	1/2	145,521	1/2	133,453	1/2	121,364	1/2	109,275	1/2	97,185	1/2	85,095
3/4	3/4	3/4	3/4	3/4	169,035	3/4	157,293	3/4	145,271	3/4	133,201	3/4	121,112	3/4	109,023	3/4	96,934	3/4	84,843
4		4		4	168,850	4	157,042	4	145,020	4	132,949	4	120,860	4	108,771	4	96,682	4	84,591
1/4	1/4	1/4	1/4	1/4	168,665	1/4	156,792	1/4	144,770	1/4	132,697	1/4	120,608	1/4	108,519	1/4	96,430	1/4	84,339
1/2	1/2	1/2	1/2	1/2	168,438	1/2	156,541	1/2	144,519	1/2	132,446	1/2	120,356	1/2	108,267	1/2	96,178	1/2	84,087
3/4	3/4	3/4	3/4	3/4	168,211	3/4	156,291	3/4	144,269	3/4	132,194	3/4	120,104	3/4	108,015	3/4	95,926	3/4	83,835
5		5		5	167,984	5	156,040	5	144,018	5	131,942	5	119,853	5	107,763	5	95,674	5	83,583
1/4	1/4	1/4	1/4	1/4	167,756	1/4	155,790	1/4	143,768	1/4	131,690	1/4	119,601	1/4	107,512	1/4	95,422	1/4	83,331
1/2	1/2	1/2	1/2	1/2	167,508	1/2	155,539	1/2	143,517	1/2	131,438	1/2	119,349	1/2	107,260	1/2	95,171	1/2	83,080
3/4	3/4	3/4	3/4	3/4	167,260	3/4	155,289	3/4	143,265	3/4	131,186	3/4	119,097	3/4	107,008	3/4	94,919	3/4	82,828
6		6		6	167,012	6	155,039	6	143,017	6	130,934	6	118,845	6	106,756	6	94,667	6	82,576
1/4	1/4	1/4	1/4	1/4	166,764	1/4	154,788	1/4	142,766	1/4	130,683	1/4	118,593	1/4	106,504	1/4	94,415	1/4	82,324
1/2	1/2	1/2	1/2	1/2	166,516	1/2	154,538	1/2	142,516	1/2	130,431	1/2	118,341	1/2	106,252	1/2	94,163	1/2	82,072
3/4	3/4	3/4	3/4	3/4	166,268	3/4	154,287	3/4	142,265	3/4	130,179	3/4	118,090	3/4	106,000	3/4	93,911	3/4	81,820
7		7		7	166,019	7	154,037	7	142,015	7	129,927	7	117,838	7	105,749	7	93,659	7	81,568
1/4	1/4	1/4	1/4	1/4	165,771	1/4	153,786	1/4	141,764	1/4	129,675	1/4	117,586	1/4	105,497	1/4	93,407	1/4	81,316
1/2	1/2	1/2	1/2	1/2	165,523	1/2	153,536	1/2	141,512	1/2	129,423	1/2	117,334	1/2	105,245	1/2	93,156	1/2	81,064
3/4	3/4	3/4	3/4	3/4	165,275	3/4	153,285	3/4	141,261	3/4	129,171	3/4	117,082	3/4	104,993	3/4	92,904	3/4	80,812
8		8		8	165,027	8	153,035	8	141,009	8	128,920	8	116,830	8	104,741	8	92,652	8	80,561
1/4	1/4	1/4	1/4	1/4	164,779	1/4	152,784	1/4	140,757	1/4	128,668	1/4	116,578	1/4	104,489	1/4	92,400	1/4	80,309
1/2	1/2	1/2	1/2	1/2	164,531	1/2	152,534	1/2	140,505	1/2	128,416	1/2	116,327	1/2	104,237	1/2	92,148	1/2	80,057
3/4	3/4	3/4	3/4	3/4	164,282	3/4	152,284	3/4	140,253	3/4	128,164	3/4	116,075	3/4	103,986	3/4	91,896	3/4	79,805
9		9		9	164,034	9	152,033	9	140,001	9	127,912	9	115,823	9	103,734	9	91,644	9	79,553
1/4	1/4	1/4	1/4	1/4	163,786	1/4	151,783	1/4	139,749	1/4	127,660	1/4	115,571	1/4	103,482	1/4	91,392	1/4	79,301
1/2	1/2	1/2	1/2	1/2	163,538	1/2	151,532	1/2	139,498	1/2	127,408	1/2	115,319	1/2	103,230	1/2	91,140	1/2	79,049
3/4	3/4	3/4	3/4	3/4	163,290	3/4	151,282	3/4	139,246	3/4	127,157	3/4	115,067	3/4	102,978	3/4	90,888	3/4	78,797
10		10		10	163,042	10	151,031	10	138,994	10	126,905	10	114,815	10	102,726	10	90,637	10	78,545
1/4	1/4	1/4	1/4	1/4	162,794	1/4	150,781	1/4	138,742	1/4	126,653	1/4	114,564	1/4	102,474	1/4	90,385	1/4	78,293
1/2	1/2	1/2	1/2	1/2	162,545	1/2	150,530	1/2	138,490	1/2	126,401	1/2	114,312	1/2	102,223	1/2	90,133	1/2	78,041
3/4	3/4	3/4	3/4	3/4	162,297	3/4	150,280	3/4	138,238	3/4	126,149	3/4	114,060	3/4	101,971	3/4	89,881	3/4	77,790
11		11		11	162,049	11	150,029	11	137,986	11	125,897	11	113,808	11	101,719	11	89,629	11	77,538
1/4	1/4	170,689	1/4	161,801	1/4	149,779	1/4	137,735	1/4	125,645	1/4	113,556	1/4	101,467	1/4	89,377	1/4	77,286	
1/2	1/2	170,672	1/2	161,550	1/2	149,528	1/2	137,483	1/2	125,394	1/2	113,304	1/2	101,215	1/2	89,125	1/2	77,034	
3/4	3/4	170,655	3/4	161,300	3/4	149,278	3/4	137,231	3/4	125,142	3/4	113,052	3/4	100,963	3/4	88,873	3/4	76,782	

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1335"

## 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	76,530	0	64,439	0	52,348	0	40,256	0	28,452	0	16,368	0	4,296	0		0		0	
1/4	76,278	1/4	64,187	1/4	52,096	1/4	40,004	1/4	28,207	1/4	16,116	1/4	4,047	1/4	1/4		1/4		1/4
1/2	76,026	1/2	63,935	1/2	51,844	1/2	39,752	1/2	27,955	1/2	15,865	1/2	3,800	1/2	1/2		1/2		1/2
3/4	75,774	3/4	63,683	3/4	51,592	3/4	39,501	3/4	27,703	3/4	15,613	3/4	3,553	3/4	3/4		3/4		3/4
1	75,522	1	63,431	1	51,340	1	39,249	1	27,452	1	15,361	1	3,306	1	1		1		1
1/4	75,271	1/4	63,179	1/4	51,088	1/4	38,997	1/4	27,200	1/4	15,109	1/4	3,059	1/4	1/4		1/4		1/4
1/2	75,019	1/2	62,927	1/2	50,836	1/2	38,745	1/2	26,948	1/2	14,857	1/2	2,829	1/2	1/2		1/2		1/2
3/4	74,767	3/4	62,675	3/4	50,584	3/4	38,493	3/4	26,696	3/4	14,605	3/4	2,599	3/4	3/4		3/4		3/4
2	74,515	2	62,424	2	50,332	2	38,241	2	26,444	2	14,353	2	2,369	2	2		2		2
1/4	74,263	1/4	62,172	1/4	50,080	1/4	37,989	1/4	26,192	1/4	14,101	1/4	2,138	1/4	1/4		1/4		1/4
1/2	74,011	1/2	61,920	1/2	49,829	1/2	37,744	1/2	25,940	1/2	13,849	1/2	1,949	1/2	1/2		1/2		1/2
3/4	73,759	3/4	61,668	3/4	49,577	3/4	37,499	3/4	25,688	3/4	13,598	3/4	1,761	3/4	3/4		3/4		3/4
3	73,507	3	61,416	3	49,325	3	37,255	3	25,436	3	13,346	3	1,572	3	3		3		3
1/4	73,255	1/4	61,164	1/4	49,073	1/4	37,010	1/4	25,185	1/4	13,094	1/4	1,383	1/4	1/4		1/4		1/4
1/2	73,003	1/2	60,912	1/2	48,821	1/2	36,765	1/2	24,933	1/2	12,842	1/2	1,236	1/2	1/2		1/2		1/2
3/4	72,752	3/4	60,660	3/4	48,569	3/4	36,521	3/4	24,681	3/4	12,590	3/4	1,089	3/4	3/4		3/4		3/4
4	72,500	4	60,408	4	48,317	4	36,276	4	24,429	4	12,338	4	942	4	4		4		4
1/4	72,248	1/4	60,156	1/4	48,065	1/4	36,032	1/4	24,177	1/4	12,086	1/4	795	1/4	1/4		1/4		1/4
1/2	71,996	1/2	59,905	1/2	47,813	1/2	35,787	1/2	23,925	1/2	11,834	1/2	690	1/2	1/2		1/2		1/2
3/4	71,744	3/4	59,653	3/4	47,561	3/4	35,543	3/4	23,673	3/4	11,582	3/4	585	3/4	3/4		3/4		3/4
5	71,492	5	59,401	5	47,309	5	35,298	5	23,421	5	11,330	5	480	5	5		5		5
1/4	71,240	1/4	59,149	1/4	47,058	1/4	35,054	1/4	23,169	1/4	11,079	1/4	375	1/4	1/4		1/4		1/4
1/2	70,988	1/2	58,897	1/2	46,806	1/2	34,809	1/2	22,918	1/2	10,827	1/2	312	1/2	1/2		1/2		1/2
3/4	70,736	3/4	58,645	3/4	46,554	3/4	34,565	3/4	22,666	3/4	10,575	3/4	249	3/4	3/4		3/4		3/4
6	70,484	6	58,393	6	46,302	6	34,321	6	22,414	6	10,323	6	186	6	6		6		6
1/4	70,233	1/4	58,141	1/4	46,050	1/4	34,076	1/4	22,162	1/4	10,071	1/4	123	1/4	1/4		1/4		1/4
1/2	69,981	1/2	57,889	1/2	45,798	1/2	33,832	1/2	21,910	1/2	9,819	1/2	102	1/2	1/2		1/2		1/2
3/4	69,729	3/4	57,637	3/4	45,546	3/4	33,587	3/4	21,658	3/4	9,567	3/4	81	3/4	3/4		3/4		3/4
7	69,477	7	57,386	7	45,294	7	33,343	7	21,406	7	9,315	7	60	7	7		7		7
1/4	69,225	1/4	57,134	1/4	45,042	1/4	33,098	1/4	21,154	1/4	9,063	1/4	39	1/4	1/4		1/4		1/4
1/2	68,973	1/2	56,882	1/2	44,790	1/2	32,854	1/2	20,902	1/2	8,812	1/2		1/2	1/2		1/2		1/2
3/4	68,721	3/4	56,630	3/4	44,539	3/4	32,609	3/4	20,650	3/4	8,560	3/4		3/4	3/4		3/4		3/4
8	68,469	8	56,378	8	44,287	8	32,365	8	20,399	8	8,308	8		8	8		8		8
1/4	68,217	1/4	56,126	1/4	44,035	1/4	32,120	1/4	20,147	1/4	8,056	1/4		1/4	1/4		1/4		1/4
1/2	67,965	1/2	55,874	1/2	43,783	1/2	31,876	1/2	19,895	1/2	7,804	1/2		1/2	1/2		1/2		1/2
3/4	67,714	3/4	55,622	3/4	43,531	3/4	31,631	3/4	19,643	3/4	7,553	3/4		3/4	3/4		3/4		3/4
9	67,462	9	55,370	9	43,279	9	31,387	9	19,391	9	7,301	9		9	9		9		9
1/4	67,210	1/4	55,118	1/4	43,027	1/4	31,142	1/4	19,139	1/4	7,049	1/4		1/4	1/4		1/4		1/4
1/2	66,958	1/2	54,867	1/2	42,775	1/2	30,898	1/2	18,887	1/2	6,798	1/2		1/2	1/2		1/2		1/2
3/4	66,706	3/4	54,615	3/4	42,523	3/4	30,653	3/4	18,635	3/4	6,547	3/4		3/4	3/4		3/4		3/4
10	66,454	10	54,363	10	42,271	10	30,409	10	18,383	10	6,296	10		10	10		10		10
1/4	66,202	1/4	54,111	1/4	42,020	1/4	30,164	1/4	18,132	1/4	6,045	1/4		1/4	1/4		1/4		1/4
1/2	65,950	1/2	53,859	1/2	41,768	1/2	29,920	1/2	17,880	1/2	5,794	1/2		1/2	1/2		1/2		1/2
3/4	65,698	3/4	53,607	3/4	41,516	3/4	29,676	3/4	17,628	3/4	5,544	3/4		3/4	3/4		3/4		3/4
11	65,446	11	53,355	11	41,264	11	29,431	11	17,376	11	5,293	11		11	11		11		11
1/4	65,195	1/4	53,103	1/4	41,012	1/4	29,187	1/4	17,124	1/4	5,043	1/4		1/4	1/4		1/4		1/4
1/2	64,943	1/2	52,851	1/2	40,760	1/2	28,942	1/2	16,872	1/2	4,794	1/2		1/2	1/2		1/2		1/2
3/4	64,691	3/4	52,599	3/4	40,508	3/4	28,697	3/4	16,620	3/4	4,545	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/14/2011 SW  
CALCULATED: 07/14/2011 CL  
PRINTED: 07/15/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

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



# BARGE "CBC 1335"

## 3 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	151,669	0	143,160	0	132,490	0	121,798	0	111,069	0	100,341	0	89,613	0	78,884
1/4	1/4	1/4	1/4	1/4	151,654	1/4	142,938	1/4	132,268	1/4	121,574	1/4	110,846	1/4	100,118	1/4	89,390	1/4	78,661
1/2	1/2	1/2	1/2	1/2	151,601	1/2	142,715	1/2	132,046	1/2	121,351	1/2	110,622	1/2	99,894	1/2	89,166	1/2	78,437
3/4	3/4	3/4	3/4	3/4	151,549	3/4	142,493	3/4	131,824	3/4	121,127	3/4	110,399	3/4	99,671	3/4	88,942	3/4	78,213
1		1		1	151,496	1	142,271	1	131,601	1	120,904	1	110,175	1	99,447	1	88,719	1	77,990
1/4	1/4	1/4	1/4	1/4	151,443	1/4	142,048	1/4	131,379	1/4	120,680	1/4	109,952	1/4	99,224	1/4	88,495	1/4	77,766
1/2	1/2	1/2	1/2	1/2	151,354	1/2	141,826	1/2	131,157	1/2	120,457	1/2	109,728	1/2	99,000	1/2	88,272	1/2	77,543
3/4	3/4	3/4	3/4	3/4	151,264	3/4	141,604	3/4	130,934	3/4	120,233	3/4	109,505	3/4	98,777	3/4	88,048	3/4	77,319
2		2		2	151,174	2	141,382	2	130,712	2	120,010	2	109,281	2	98,553	2	87,825	2	77,096
1/4	1/4	1/4	1/4	1/4	151,084	1/4	141,159	1/4	130,490	1/4	119,786	1/4	109,058	1/4	98,330	1/4	87,601	1/4	76,872
1/2	1/2	1/2	1/2	1/2	150,957	1/2	140,937	1/2	130,268	1/2	119,563	1/2	108,834	1/2	98,106	1/2	87,378	1/2	76,649
3/4	3/4	3/4	3/4	3/4	150,830	3/4	140,715	3/4	130,045	3/4	119,339	3/4	108,611	3/4	97,883	3/4	87,154	3/4	76,425
3		3		3	150,703	3	140,493	3	129,823	3	119,116	3	108,387	3	97,659	3	86,931	3	76,202
1/4	1/4	1/4	1/4	1/4	150,576	1/4	140,270	1/4	129,601	1/4	118,892	1/4	108,164	1/4	97,436	1/4	86,707	1/4	75,978
1/2	1/2	1/2	1/2	1/2	150,412	1/2	140,048	1/2	129,379	1/2	118,669	1/2	107,940	1/2	97,212	1/2	86,484	1/2	75,754
3/4	3/4	3/4	3/4	3/4	150,247	3/4	139,826	3/4	129,156	3/4	118,445	3/4	107,717	3/4	96,989	3/4	86,260	3/4	75,531
4		4		4	150,083	4	139,603	4	128,934	4	118,222	4	107,493	4	96,765	4	86,037	4	75,307
1/4	1/4	1/4	1/4	1/4	149,919	1/4	139,381	1/4	128,712	1/4	117,998	1/4	107,270	1/4	96,542	1/4	85,813	1/4	75,084
1/2	1/2	1/2	1/2	1/2	149,717	1/2	139,159	1/2	128,489	1/2	117,775	1/2	107,046	1/2	96,318	1/2	85,590	1/2	74,860
3/4	3/4	3/4	3/4	3/4	149,515	3/4	138,937	3/4	128,267	3/4	117,551	3/4	106,823	3/4	96,095	3/4	85,366	3/4	74,637
5		5		5	149,314	5	138,714	5	128,045	5	117,328	5	106,599	5	95,871	5	85,143	5	74,413
1/4	1/4	1/4	1/4	1/4	149,112	1/4	138,492	1/4	127,823	1/4	117,104	1/4	106,376	1/4	95,648	1/4	84,919	1/4	74,190
1/2	1/2	1/2	1/2	1/2	148,892	1/2	138,270	1/2	127,600	1/2	116,881	1/2	106,152	1/2	95,424	1/2	84,696	1/2	73,966
3/4	3/4	3/4	3/4	3/4	148,672	3/4	138,047	3/4	127,378	3/4	116,657	3/4	105,929	3/4	95,201	3/4	84,472	3/4	73,743
6		6		6	148,451	6	137,825	6	127,156	6	116,434	6	105,705	6	94,977	6	84,249	6	73,519
1/4	1/4	1/4	1/4	1/4	148,231	1/4	137,603	1/4	126,933	1/4	116,210	1/4	105,482	1/4	94,754	1/4	84,025	1/4	73,295
1/2	1/2	1/2	1/2	1/2	148,011	1/2	137,381	1/2	126,711	1/2	115,987	1/2	105,258	1/2	94,530	1/2	83,802	1/2	73,072
3/4	3/4	3/4	3/4	3/4	147,791	3/4	137,158	3/4	126,489	3/4	115,763	3/4	105,035	3/4	94,307	3/4	83,578	3/4	72,848
7		7		7	147,571	7	136,936	7	126,267	7	115,540	7	104,811	7	94,083	7	83,355	7	72,625
1/4	1/4	1/4	1/4	1/4	147,350	1/4	136,714	1/4	126,044	1/4	115,316	1/4	104,588	1/4	93,860	1/4	83,131	1/4	72,401
1/2	1/2	1/2	1/2	1/2	147,130	1/2	136,491	1/2	125,821	1/2	115,093	1/2	104,364	1/2	93,636	1/2	82,908	1/2	72,178
3/4	3/4	3/4	3/4	3/4	146,910	3/4	136,269	3/4	125,597	3/4	114,869	3/4	104,141	3/4	93,413	3/4	82,684	3/4	71,954
8		8		8	146,690	8	136,047	8	125,374	8	114,646	8	103,917	8	93,189	8	82,461	8	71,731
1/4	1/4	1/4	1/4	1/4	146,469	1/4	135,825	1/4	125,150	1/4	114,422	1/4	103,694	1/4	92,966	1/4	82,237	1/4	71,507
1/2	1/2	1/2	1/2	1/2	146,249	1/2	135,602	1/2	124,927	1/2	114,199	1/2	103,470	1/2	92,742	1/2	82,014	1/2	71,284
3/4	3/4	3/4	3/4	3/4	146,029	3/4	135,380	3/4	124,703	3/4	113,975	3/4	103,247	3/4	92,519	3/4	81,790	3/4	71,060
9		9		9	145,809	9	135,158	9	124,480	9	113,752	9	103,023	9	92,295	9	81,567	9	70,836
1/4	1/4	1/4	1/4	1/4	145,589	1/4	134,936	1/4	124,256	1/4	113,528	1/4	102,800	1/4	92,072	1/4	81,343	1/4	70,613
1/2	1/2	1/2	1/2	1/2	145,368	1/2	134,713	1/2	124,033	1/2	113,305	1/2	102,576	1/2	91,848	1/2	81,119	1/2	70,389
3/4	3/4	3/4	3/4	3/4	145,148	3/4	134,491	3/4	123,809	3/4	113,081	3/4	102,353	3/4	91,625	3/4	80,896	3/4	70,166
10		10		10	144,928	10	134,269	10	123,586	10	112,858	10	102,129	10	91,401	10	80,672	10	69,942
1/4	1/4	1/4	1/4	1/4	144,708	1/4	134,046	1/4	123,362	1/4	112,634	1/4	101,906	1/4	91,178	1/4	80,449	1/4	69,719
1/2	1/2	1/2	1/2	1/2	144,487	1/2	133,824	1/2	123,139	1/2	112,411	1/2	101,682	1/2	90,954	1/2	80,225	1/2	69,495
3/4	3/4	3/4	3/4	3/4	144,267	3/4	133,602	3/4	122,915	3/4	112,187	3/4	101,459	3/4	90,731	3/4	80,002	3/4	69,272
11		11		11	144,047	11	133,380	11	122,692	11	111,964	11	101,235	11	90,507	11	79,778	11	69,048
1/4	1/4	1/4	1/4	1/4	151,715	1/4	143,827	1/4	133,157	1/4	122,468	1/4	111,740	1/4	101,012	1/4	90,284	1/4	79,555
1/2	1/2	1/2	1/2	1/2	151,700	1/2	143,604	1/2	132,935	1/2	122,245	1/2	111,517	1/2	100,788	1/2	90,060	1/2	79,331
3/4	3/4	3/4	3/4	3/4	151,684	3/4	143,382	3/4	132,713	3/4	122,021	3/4	111,293	3/4	100,565	3/4	89,837	3/4	79,108

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'-08" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1335"

## 3 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	68,154	0	57,424	0	46,694	0	35,964	0	25,258	0	14,530	0	3,817	0		0		0	
1/4	67,930	1/4	57,200	1/4	46,470	1/4	35,740	1/4	25,035	1/4	14,306	1/4	3,596	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,707	1/2	56,977	1/2	46,247	1/2	35,517	1/2	24,811	1/2	14,083	1/2	3,377	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,483	3/4	56,753	3/4	46,023	3/4	35,293	3/4	24,588	3/4	13,859	3/4	3,158	3/4	3/4	3/4	3/4	3/4	3/4
1	67,260	1	56,530	1	45,800	1	35,070	1	24,365	1	13,636	1	2,938	1	1	1	1	1	1
1/4	67,036	1/4	56,306	1/4	45,576	1/4	34,846	1/4	24,142	1/4	13,412	1/4	2,719	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,813	1/2	56,083	1/2	45,353	1/2	34,623	1/2	23,918	1/2	13,189	1/2	2,515	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,589	3/4	55,859	3/4	45,129	3/4	34,399	3/4	23,695	3/4	12,965	3/4	2,311	3/4	3/4	3/4	3/4	3/4	3/4
2	66,366	2	55,636	2	44,906	2	34,175	2	23,471	2	12,742	2	2,106	2	2	2	2	2	2
1/4	66,142	1/4	55,412	1/4	44,682	1/4	33,952	1/4	23,248	1/4	12,518	1/4	1,902	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,919	1/2	55,188	1/2	44,458	1/2	33,728	1/2	23,024	1/2	12,295	1/2	1,734	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,695	3/4	54,965	3/4	44,235	3/4	33,505	3/4	22,801	3/4	12,071	3/4	1,567	3/4	3/4	3/4	3/4	3/4	3/4
3	65,471	3	54,741	3	44,011	3	33,281	3	22,577	3	11,848	3	1,399	3	3	3	3	3	3
1/4	65,248	1/4	54,518	1/4	43,788	1/4	33,058	1/4	22,354	1/4	11,624	1/4	1,231	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,024	1/2	54,294	1/2	43,564	1/2	32,835	1/2	22,130	1/2	11,400	1/2	1,101	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,801	3/4	54,071	3/4	43,341	3/4	32,612	3/4	21,907	3/4	11,177	3/4	971	3/4	3/4	3/4	3/4	3/4	3/4
4	64,577	4	53,847	4	43,117	4	32,389	4	21,683	4	10,953	4	840	4	4	4	4	4	4
1/4	64,354	1/4	53,624	1/4	42,894	1/4	32,166	1/4	21,460	1/4	10,730	1/4	710	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,130	1/2	53,400	1/2	42,670	1/2	31,944	1/2	21,236	1/2	10,506	1/2	617	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,907	3/4	53,177	3/4	42,447	3/4	31,721	3/4	21,012	3/4	10,283	3/4	524	3/4	3/4	3/4	3/4	3/4	3/4
5	63,683	5	52,953	5	42,223	5	31,498	5	20,789	5	10,059	5	431	5	5	5	5	5	5
1/4	63,460	1/4	52,730	1/4	41,999	1/4	31,275	1/4	20,565	1/4	9,836	1/4	337	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,236	1/2	52,506	1/2	41,776	1/2	31,052	1/2	20,342	1/2	9,612	1/2	282	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,012	3/4	52,282	3/4	41,552	3/4	30,830	3/4	20,118	3/4	9,389	3/4	226	3/4	3/4	3/4	3/4	3/4	3/4
6	62,789	6	52,059	6	41,329	6	30,607	6	19,895	6	9,165	6	170	6	6	6	6	6	6
1/4	62,565	1/4	51,835	1/4	41,105	1/4	30,384	1/4	19,671	1/4	8,942	1/4	114	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,342	1/2	51,612	1/2	40,882	1/2	30,161	1/2	19,448	1/2	8,718	1/2	95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,118	3/4	51,388	3/4	40,658	3/4	29,938	3/4	19,224	3/4	8,495	3/4	77	3/4	3/4	3/4	3/4	3/4	3/4
7	61,895	7	51,165	7	40,435	7	29,715	7	19,001	7	8,271	7	58	7	7	7	7	7	7
1/4	61,671	1/4	50,941	1/4	40,211	1/4	29,493	1/4	18,777	1/4	8,047	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,448	1/2	50,718	1/2	39,988	1/2	29,270	1/2	18,554	1/2	7,824	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,224	3/4	50,494	3/4	39,764	3/4	29,047	3/4	18,330	3/4	7,600	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	61,001	8	50,271	8	39,540	8	28,824	8	18,107	8	7,377	8	8	8	8	8	8	8	8
1/4	60,777	1/4	50,047	1/4	39,317	1/4	28,601	1/4	17,883	1/4	7,153	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,554	1/2	49,823	1/2	39,093	1/2	28,378	1/2	17,659	1/2	6,930	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,330	3/4	49,600	3/4	38,870	3/4	28,156	3/4	17,436	3/4	6,707	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,106	9	49,376	9	38,646	9	27,933	9	17,212	9	6,483	9	9	9	9	9	9	9	9
1/4	59,883	1/4	49,153	1/4	38,423	1/4	27,710	1/4	16,989	1/4	6,260	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,659	1/2	48,929	1/2	38,199	1/2	27,487	1/2	16,765	1/2	6,037	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,436	3/4	48,706	3/4	37,976	3/4	27,264	3/4	16,542	3/4	5,814	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,212	10	48,482	10	37,752	10	27,041	10	16,318	10	5,591	10	10	10	10	10	10	10	10
1/4	58,989	1/4	48,259	1/4	37,529	1/4	26,819	1/4	16,095	1/4	5,368	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,765	1/2	48,035	1/2	37,305	1/2	26,596	1/2	15,871	1/2	5,146	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,542	3/4	47,812	3/4	37,082	3/4	26,373	3/4	15,648	3/4	4,924	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,318	11	47,588	11	36,858	11	26,150	11	15,424	11	4,702	11	11	11	11	11	11	11	11
1/4	58,095	1/4	47,364	1/4	36,634	1/4	25,927	1/4	15,201	1/4	4,480	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,871	1/2	47,141	1/2	36,411	1/2	25,704	1/2	14,977	1/2	4,259	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,647	3/4	46,917	3/4	36,187	3/4	25,481	3/4	14,754	3/4	4,038	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/14/2011 SW  
CALCULATED: 07/14/2011 CL  
PRINTED: 07/15/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

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