



# BARGE "CBC 1339"

## 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>
<b>1 CENTER</b>	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
<b>2 CENTER</b>	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4
<b>3 CENTER</b>	00-2/8	- 00-2/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

October 24, 2011

**PRECISION MEASUREMENT  
 & ANALYSIS, INC.**  
 P.O. Box 2092  
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# BARGE "CBC 1339"

# 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,099	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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1339"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,812	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: 10/24/2011 CL- SW  
CALCULATED: 10/24/2011 CL  
PRINTED: 10/24/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2011

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



# BARGE "CBC 1339"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,063	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 29'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1339"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,586	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: 10/24/2011 CL - SW  
CALCULATED: 10/24/2011 CL  
PRINTED: 10/24/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1339"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1339"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	
1/2	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	
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	
1	105,482	1	116,210	1	126,933	1	137,603	1	148,231	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	
1/2	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	
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	
2	106,376	2	117,104	2	127,823	2	138,492	2	149,112	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	
1/2	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	
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	107,270	3	117,998	3	128,712	3	139,381	3	149,918	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	
1/2	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	
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	
4	108,164	4	118,892	4	129,601	4	140,270	4	150,576	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	
1/2	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	
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	
5	109,058	5	119,786	5	130,490	5	141,159	5	151,084	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	
1/2	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	
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	
6	109,952	6	120,680	6	131,379	6	142,048	6	151,443	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	
1/2	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	
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	
7	110,846	7	121,574	7	132,268	7	142,938	7	151,654	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	
1/2	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	
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	
8	111,740	8	122,468	8	133,157	8	143,827	8	151,715	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	
1/2	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	
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	
9	112,634	9	123,362	9	134,046	9	144,708	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	
1/2	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	
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	
10	113,528	10	124,256	10	134,935	10	145,588	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	
1/2	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	
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	
11	114,422	11	125,150	11	135,825	11	146,469	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	
1/2	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	
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	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/24/2011 CL - SW  
CALCULATED: 10/24/2011 CL  
PRINTED: 10/24/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2011

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



# BARGE "CBC 1339"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4
3 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2

(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"

October 24, 2011

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

<http://www.pmacorp.net>



# BARGE "CBC 1339"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1339"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,718	0	57,951	0	47,180	0	36,409	0	25,830	0	15,073	0	4,286	0		0		0	
1/4	68,495	1/4	57,727	1/4	46,956	1/4	36,185	1/4	25,611	1/4	14,848	1/4	4,063	1/4	1/4	1/4		1/4	1/4
1/2	68,271	1/2	57,503	1/2	46,732	1/2	35,961	1/2	25,392	1/2	14,623	1/2	3,841	1/2	1/2	1/2		1/2	1/2
3/4	68,047	3/4	57,278	3/4	46,507	3/4	35,736	3/4	25,173	3/4	14,398	3/4	3,618	3/4	3/4	3/4		3/4	3/4
1	67,823	1	57,054	1	46,283	1	35,512	1	24,954	1	14,173	1	3,398	1	1	1		1	1
1/4	67,599	1/4	56,829	1/4	46,058	1/4	35,287	1/4	24,735	1/4	13,948	1/4	3,177	1/4	1/4	1/4		1/4	1/4
1/2	67,375	1/2	56,605	1/2	45,834	1/2	35,063	1/2	24,516	1/2	13,723	1/2	2,957	1/2	1/2	1/2		1/2	1/2
3/4	67,152	3/4	56,381	3/4	45,610	3/4	34,839	3/4	24,297	3/4	13,498	3/4	2,736	3/4	3/4	3/4		3/4	3/4
2	66,927	2	56,156	2	45,385	2	34,614	2	24,072	2	13,273	2	2,531	2	2	2		2	2
1/4	66,703	1/4	55,932	1/4	45,161	1/4	34,390	1/4	23,847	1/4	13,048	1/4	2,325	1/4	1/4	1/4		1/4	1/4
1/2	66,478	1/2	55,707	1/2	44,936	1/2	34,165	1/2	23,622	1/2	12,823	1/2	2,119	1/2	1/2	1/2		1/2	1/2
3/4	66,254	3/4	55,483	3/4	44,712	3/4	33,941	3/4	23,397	3/4	12,598	3/4	1,914	3/4	3/4	3/4		3/4	3/4
3	66,030	3	55,259	3	44,488	3	33,717	3	23,172	3	12,373	3	1,745	3	3	3		3	3
1/4	65,805	1/4	55,034	1/4	44,263	1/4	33,492	1/4	22,947	1/4	12,148	1/4	1,576	1/4	1/4	1/4		1/4	1/4
1/2	65,581	1/2	54,810	1/2	44,039	1/2	33,268	1/2	22,722	1/2	11,923	1/2	1,408	1/2	1/2	1/2		1/2	1/2
3/4	65,356	3/4	54,585	3/4	43,814	3/4	33,043	3/4	22,497	3/4	11,699	3/4	1,239	3/4	3/4	3/4		3/4	3/4
4	65,132	4	54,361	4	43,590	4	32,825	4	22,272	4	11,474	4	1,108	4	4	4		4	4
1/4	64,908	1/4	54,137	1/4	43,366	1/4	32,606	1/4	22,047	1/4	11,249	1/4	977	1/4	1/4	1/4		1/4	1/4
1/2	64,683	1/2	53,912	1/2	43,141	1/2	32,388	1/2	21,823	1/2	11,024	1/2	845	1/2	1/2	1/2		1/2	1/2
3/4	64,459	3/4	53,688	3/4	42,917	3/4	32,169	3/4	21,598	3/4	10,799	3/4	714	3/4	3/4	3/4		3/4	3/4
5	64,235	5	53,464	5	42,693	5	31,951	5	21,373	5	10,574	5	621	5	5	5		5	5
1/4	64,010	1/4	53,239	1/4	42,468	1/4	31,732	1/4	21,148	1/4	10,349	1/4	527	1/4	1/4	1/4		1/4	1/4
1/2	63,786	1/2	53,015	1/2	42,244	1/2	31,513	1/2	20,923	1/2	10,124	1/2	433	1/2	1/2	1/2		1/2	1/2
3/4	63,561	3/4	52,790	3/4	42,019	3/4	31,295	3/4	20,698	3/4	9,899	3/4	339	3/4	3/4	3/4		3/4	3/4
6	63,337	6	52,566	6	41,795	6	31,076	6	20,473	6	9,674	6	283	6	6	6		6	6
1/4	63,113	1/4	52,342	1/4	41,571	1/4	30,858	1/4	20,248	1/4	9,449	1/4	227	1/4	1/4	1/4		1/4	1/4
1/2	62,888	1/2	52,117	1/2	41,346	1/2	30,639	1/2	20,023	1/2	9,224	1/2	171	1/2	1/2	1/2		1/2	1/2
3/4	62,664	3/4	51,893	3/4	41,122	3/4	30,421	3/4	19,798	3/4	8,999	3/4	114	3/4	3/4	3/4		3/4	3/4
7	62,439	7	51,668	7	40,897	7	30,202	7	19,573	7	8,774	7	96	7	7	7		7	7
1/4	62,215	1/4	51,444	1/4	40,673	1/4	29,983	1/4	19,348	1/4	8,549	1/4	77	1/4	1/4	1/4		1/4	1/4
1/2	61,991	1/2	51,220	1/2	40,449	1/2	29,765	1/2	19,123	1/2	8,324	1/2	58	1/2	1/2	1/2		1/2	1/2
3/4	61,766	3/4	50,995	3/4	40,224	3/4	29,546	3/4	18,898	3/4	8,099	3/4	39	3/4	3/4	3/4		3/4	3/4
8	61,542	8	50,771	8	40,000	8	29,328	8	18,673	8	7,874	8		8	8	8		8	8
1/4	61,317	1/4	50,546	1/4	39,775	1/4	29,109	1/4	18,448	1/4	7,649	1/4		1/4	1/4	1/4		1/4	1/4
1/2	61,093	1/2	50,322	1/2	39,551	1/2	28,891	1/2	18,223	1/2	7,424	1/2		1/2	1/2	1/2		1/2	1/2
3/4	60,869	3/4	50,098	3/4	39,327	3/4	28,672	3/4	17,998	3/4	7,199	3/4		3/4	3/4	3/4		3/4	3/4
9	60,644	9	49,873	9	39,102	9	28,453	9	17,773	9	6,974	9		9	9	9		9	9
1/4	60,420	1/4	49,649	1/4	38,878	1/4	28,235	1/4	17,548	1/4	6,749	1/4		1/4	1/4	1/4		1/4	1/4
1/2	60,195	1/2	49,424	1/2	38,653	1/2	28,016	1/2	17,323	1/2	6,525	1/2		1/2	1/2	1/2		1/2	1/2
3/4	59,971	3/4	49,200	3/4	38,429	3/4	27,798	3/4	17,098	3/4	6,300	3/4		3/4	3/4	3/4		3/4	3/4
10	59,747	10	48,976	10	38,205	10	27,579	10	16,873	10	6,076	10		10	10	10		10	10
1/4	59,522	1/4	48,751	1/4	37,980	1/4	27,360	1/4	16,648	1/4	5,851	1/4		1/4	1/4	1/4		1/4	1/4
1/2	59,298	1/2	48,527	1/2	37,756	1/2	27,142	1/2	16,423	1/2	5,627	1/2		1/2	1/2	1/2		1/2	1/2
3/4	59,073	3/4	48,302	3/4	37,531	3/4	26,923	3/4	16,198	3/4	5,403	3/4		3/4	3/4	3/4		3/4	3/4
11	58,849	11	48,078	11	37,307	11	26,705	11	15,973	11	5,179	11		11	11	11		11	11
1/4	58,625	1/4	47,854	1/4	37,083	1/4	26,486	1/4	15,748	1/4	4,955	1/4		1/4	1/4	1/4		1/4	1/4
1/2	58,400	1/2	47,629	1/2	36,858	1/2	26,268	1/2	15,523	1/2	4,732	1/2		1/2	1/2	1/2		1/2	1/2
3/4	58,176	3/4	47,405	3/4	36,634	3/4	26,049	3/4	15,298	3/4	4,508	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/24/2011 CL - SW  
CALCULATED: 10/24/2011 CL  
PRINTED: 10/24/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2011

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



# BARGE "CBC 1339"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	170,672	0	161,550	0	149,528	0	137,483	0	125,393	0	113,304	0	101,215	0	89,125
1/4	1/4	1/4	1/4	1/4	170,655	1/4	161,300	1/4	149,278	1/4	137,231	1/4	125,142	1/4	113,052	1/4	100,963	1/4	88,873
1/2	1/2	1/2	1/2	1/2	170,637	1/2	161,050	1/2	149,028	1/2	136,979	1/2	124,890	1/2	112,801	1/2	100,711	1/2	88,621
3/4	3/4	3/4	3/4	3/4	170,620	3/4	160,799	3/4	148,777	3/4	136,727	3/4	124,638	3/4	112,549	3/4	100,460	3/4	88,369
1		1		1	170,561	1	160,549	1	148,527	1	136,475	1	124,386	1	112,297	1	100,208	1	88,118
1/4	1/4	1/4	1/4	1/4	170,502	1/4	160,298	1/4	148,276	1/4	136,223	1/4	124,134	1/4	112,045	1/4	99,956	1/4	87,866
1/2	1/2	1/2	1/2	1/2	170,442	1/2	160,048	1/2	148,026	1/2	135,972	1/2	123,882	1/2	111,793	1/2	99,704	1/2	87,614
3/4	3/4	3/4	3/4	3/4	170,383	3/4	159,797	3/4	147,775	3/4	135,720	3/4	123,630	3/4	111,541	3/4	99,452	3/4	87,362
2		2		2	170,282	2	159,547	2	147,525	2	135,468	2	123,379	2	111,289	2	99,200	2	87,110
1/4	1/4	1/4	1/4	1/4	170,181	1/4	159,296	1/4	147,274	1/4	135,216	1/4	123,127	1/4	111,038	1/4	98,948	1/4	86,858
1/2	1/2	1/2	1/2	1/2	170,080	1/2	159,046	1/2	147,024	1/2	134,964	1/2	122,875	1/2	110,786	1/2	98,696	1/2	86,606
3/4	3/4	3/4	3/4	3/4	169,978	3/4	158,795	3/4	146,773	3/4	134,712	3/4	122,623	3/4	110,534	3/4	98,445	3/4	86,354
3		3		3	169,835	3	158,545	3	146,523	3	134,460	3	122,371	3	110,282	3	98,193	3	86,102
1/4	1/4	1/4	1/4	1/4	169,692	1/4	158,294	1/4	146,273	1/4	134,209	1/4	122,119	1/4	110,030	1/4	97,941	1/4	85,850
1/2	1/2	1/2	1/2	1/2	169,549	1/2	158,044	1/2	146,022	1/2	133,957	1/2	121,867	1/2	109,778	1/2	97,689	1/2	85,599
3/4	3/4	3/4	3/4	3/4	169,406	3/4	157,794	3/4	145,772	3/4	133,705	3/4	121,616	3/4	109,526	3/4	97,437	3/4	85,347
4		4		4	169,220	4	157,543	4	145,521	4	133,453	4	121,364	4	109,275	4	97,185	4	85,095
1/4	1/4	1/4	1/4	1/4	169,035	1/4	157,293	1/4	145,271	1/4	133,201	1/4	121,112	1/4	109,023	1/4	96,933	1/4	84,843
1/2	1/2	1/2	1/2	1/2	168,850	1/2	157,042	1/2	145,020	1/2	132,949	1/2	120,860	1/2	108,771	1/2	96,682	1/2	84,591
3/4	3/4	3/4	3/4	3/4	168,665	3/4	156,792	3/4	144,770	3/4	132,697	3/4	120,608	3/4	108,519	3/4	96,430	3/4	84,339
5		5		5	168,438	5	156,541	5	144,519	5	132,446	5	120,356	5	108,267	5	96,178	5	84,087
1/4	1/4	1/4	1/4	1/4	168,211	1/4	156,291	1/4	144,269	1/4	132,194	1/4	120,104	1/4	108,015	1/4	95,926	1/4	83,835
1/2	1/2	1/2	1/2	1/2	167,984	1/2	156,040	1/2	144,018	1/2	131,942	1/2	119,853	1/2	107,763	1/2	95,674	1/2	83,583
3/4	3/4	3/4	3/4	3/4	167,756	3/4	155,790	3/4	143,768	3/4	131,690	3/4	119,601	3/4	107,512	3/4	95,422	3/4	83,331
6		6		6	167,508	6	155,539	6	143,517	6	131,438	6	119,349	6	107,260	6	95,170	6	83,079
1/4	1/4	1/4	1/4	1/4	167,260	1/4	155,289	1/4	143,267	1/4	131,186	1/4	119,097	1/4	107,008	1/4	94,919	1/4	82,828
1/2	1/2	1/2	1/2	1/2	167,012	1/2	155,039	1/2	143,017	1/2	130,934	1/2	118,845	1/2	106,756	1/2	94,667	1/2	82,576
3/4	3/4	3/4	3/4	3/4	166,764	3/4	154,788	3/4	142,766	3/4	130,682	3/4	118,593	3/4	106,504	3/4	94,415	3/4	82,324
7		7		7	166,516	7	154,538	7	142,516	7	130,431	7	118,341	7	106,252	7	94,163	7	82,072
1/4	1/4	1/4	1/4	1/4	166,267	1/4	154,287	1/4	142,265	1/4	130,179	1/4	118,090	1/4	106,000	1/4	93,911	1/4	81,820
1/2	1/2	1/2	1/2	1/2	166,019	1/2	154,037	1/2	142,015	1/2	129,927	1/2	117,838	1/2	105,749	1/2	93,659	1/2	81,568
3/4	3/4	3/4	3/4	3/4	165,771	3/4	153,786	3/4	141,764	3/4	129,675	3/4	117,586	3/4	105,497	3/4	93,407	3/4	81,316
8		8		8	165,523	8	153,536	8	141,512	8	129,423	8	117,334	8	105,245	8	93,156	8	81,064
1/4	1/4	1/4	1/4	1/4	165,275	1/4	153,285	1/4	141,261	1/4	129,171	1/4	117,082	1/4	104,993	1/4	92,904	1/4	80,812
1/2	1/2	1/2	1/2	1/2	165,027	1/2	153,035	1/2	141,009	1/2	128,919	1/2	116,830	1/2	104,741	1/2	92,652	1/2	80,560
3/4	3/4	3/4	3/4	3/4	164,779	3/4	152,784	3/4	140,757	3/4	128,668	3/4	116,578	3/4	104,489	3/4	92,400	3/4	80,309
9		9		9	164,530	9	152,534	9	140,505	9	128,416	9	116,327	9	104,237	9	92,148	9	80,057
1/4	1/4	1/4	1/4	1/4	164,282	1/4	152,284	1/4	140,253	1/4	128,164	1/4	116,075	1/4	103,986	1/4	91,896	1/4	79,805
1/2	1/2	1/2	1/2	1/2	164,034	1/2	152,033	1/2	140,001	1/2	127,912	1/2	115,823	1/2	103,734	1/2	91,644	1/2	79,553
3/4	3/4	3/4	3/4	3/4	163,786	3/4	151,783	3/4	139,749	3/4	127,660	3/4	115,571	3/4	103,482	3/4	91,392	3/4	79,301
10		10		10	163,538	10	151,532	10	139,498	10	127,408	10	115,319	10	103,230	10	91,140	10	79,049
1/4	1/4	1/4	1/4	1/4	163,290	1/4	151,282	1/4	139,246	1/4	127,156	1/4	115,067	1/4	102,978	1/4	90,888	1/4	78,797
1/2	1/2	1/2	1/2	1/2	163,042	1/2	151,031	1/2	138,994	1/2	126,905	1/2	114,815	1/2	102,726	1/2	90,637	1/2	78,545
3/4	3/4	3/4	3/4	3/4	162,793	3/4	150,781	3/4	138,742	3/4	126,653	3/4	114,564	3/4	102,474	3/4	90,385	3/4	78,293
11		11		11	162,545	11	150,530	11	138,490	11	126,401	11	114,312	11	102,223	11	90,133	11	78,041
1/4	1/4	1/4	1/4	1/4	162,297	1/4	150,280	1/4	138,238	1/4	126,149	1/4	114,060	1/4	101,971	1/4	89,881	1/4	77,790
1/2	1/2	1/2	1/2	1/2	162,049	1/2	150,029	1/2	137,986	1/2	125,897	1/2	113,808	1/2	101,719	1/2	89,629	1/2	77,538
3/4	3/4	3/4	3/4	3/4	170,689	3/4	161,801	3/4	149,779	3/4	137,735	3/4	125,645	3/4	113,556	3/4	101,467	3/4	89,286

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1339"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	77,034	0	64,943	0	52,851	0	40,760	0	28,942	0	16,872	0	4,794	0		0		0	
1/4	76,782	1/4	64,691	1/4	52,599	1/4	40,508	1/4	28,697	1/4	16,620	1/4	4,545	1/4	1/4		1/4		1/4
1/2	76,530	1/2	64,439	1/2	52,347	1/2	40,256	1/2	28,452	1/2	16,368	1/2	4,296	1/2	1/2		1/2		1/2
3/4	76,278	3/4	64,187	3/4	52,096	3/4	40,004	3/4	28,207	3/4	16,116	3/4	4,047	3/4	3/4		3/4		3/4
1	76,026	1	63,935	1	51,844	1	39,752	1	27,955	1	15,865	1	3,800	1	1		1		1
1/4	75,774	1/4	63,683	1/4	51,592	1/4	39,501	1/4	27,703	1/4	15,613	1/4	3,553	1/4	1/4		1/4		1/4
1/2	75,522	1/2	63,431	1/2	51,340	1/2	39,249	1/2	27,452	1/2	15,361	1/2	3,306	1/2	1/2		1/2		1/2
3/4	75,271	3/4	63,179	3/4	51,088	3/4	38,997	3/4	27,200	3/4	15,109	3/4	3,059	3/4	3/4		3/4		3/4
2	75,019	2	62,927	2	50,836	2	38,745	2	26,948	2	14,857	2	2,829	2	2		2		2
1/4	74,767	1/4	62,675	1/4	50,584	1/4	38,493	1/4	26,696	1/4	14,605	1/4	2,599	1/4	1/4		1/4		1/4
1/2	74,515	1/2	62,424	1/2	50,332	1/2	38,241	1/2	26,444	1/2	14,353	1/2	2,369	1/2	1/2		1/2		1/2
3/4	74,263	3/4	62,172	3/4	50,080	3/4	37,989	3/4	26,192	3/4	14,101	3/4	2,138	3/4	3/4		3/4		3/4
3	74,011	3	61,920	3	49,828	3	37,744	3	25,940	3	13,849	3	1,949	3	3		3		3
1/4	73,759	1/4	61,668	1/4	49,577	1/4	37,499	1/4	25,688	1/4	13,597	1/4	1,761	1/4	1/4		1/4		1/4
1/2	73,507	1/2	61,416	1/2	49,325	1/2	37,255	1/2	25,436	1/2	13,346	1/2	1,572	1/2	1/2		1/2		1/2
3/4	73,255	3/4	61,164	3/4	49,073	3/4	37,010	3/4	25,185	3/4	13,094	3/4	1,383	3/4	3/4		3/4		3/4
4	73,003	4	60,912	4	48,821	4	36,765	4	24,933	4	12,842	4	1,236	4	4		4		4
1/4	72,752	1/4	60,660	1/4	48,569	1/4	36,521	1/4	24,681	1/4	12,590	1/4	1,089	1/4	1/4		1/4		1/4
1/2	72,500	1/2	60,408	1/2	48,317	1/2	36,276	1/2	24,429	1/2	12,338	1/2	942	1/2	1/2		1/2		1/2
3/4	72,248	3/4	60,156	3/4	48,065	3/4	36,032	3/4	24,177	3/4	12,086	3/4	795	3/4	3/4		3/4		3/4
5	71,996	5	59,905	5	47,813	5	35,787	5	23,925	5	11,834	5	690	5	5		5		5
1/4	71,744	1/4	59,653	1/4	47,561	1/4	35,543	1/4	23,673	1/4	11,582	1/4	585	1/4	1/4		1/4		1/4
1/2	71,492	1/2	59,401	1/2	47,309	1/2	35,298	1/2	23,421	1/2	11,330	1/2	480	1/2	1/2		1/2		1/2
3/4	71,240	3/4	59,149	3/4	47,058	3/4	35,054	3/4	23,169	3/4	11,079	3/4	375	3/4	3/4		3/4		3/4
6	70,988	6	58,897	6	46,806	6	34,809	6	22,917	6	10,827	6	312	6	6		6		6
1/4	70,736	1/4	58,645	1/4	46,554	1/4	34,565	1/4	22,666	1/4	10,575	1/4	249	1/4	1/4		1/4		1/4
1/2	70,484	1/2	58,393	1/2	46,302	1/2	34,321	1/2	22,414	1/2	10,323	1/2	186	1/2	1/2		1/2		1/2
3/4	70,233	3/4	58,141	3/4	46,050	3/4	34,076	3/4	22,162	3/4	10,071	3/4	123	3/4	3/4		3/4		3/4
7	69,981	7	57,889	7	45,798	7	33,832	7	21,910	7	9,819	7	102	7	7		7		7
1/4	69,729	1/4	57,637	1/4	45,546	1/4	33,587	1/4	21,658	1/4	9,567	1/4	81	1/4	1/4		1/4		1/4
1/2	69,477	1/2	57,386	1/2	45,294	1/2	33,343	1/2	21,406	1/2	9,315	1/2	60	1/2	1/2		1/2		1/2
3/4	69,225	3/4	57,134	3/4	45,042	3/4	33,098	3/4	21,154	3/4	9,063	3/4	39	3/4	3/4		3/4		3/4
8	68,973	8	56,882	8	44,790	8	32,854	8	20,902	8	8,812	8		8	8		8		8
1/4	68,721	1/4	56,630	1/4	44,539	1/4	32,609	1/4	20,650	1/4	8,560	1/4		1/4	1/4		1/4		1/4
1/2	68,469	1/2	56,378	1/2	44,287	1/2	32,365	1/2	20,399	1/2	8,308	1/2		1/2	1/2		1/2		1/2
3/4	68,217	3/4	56,126	3/4	44,035	3/4	32,120	3/4	20,147	3/4	8,056	3/4		3/4	3/4		3/4		3/4
9	67,965	9	55,874	9	43,783	9	31,876	9	19,895	9	7,804	9		9	9		9		9
1/4	67,713	1/4	55,622	1/4	43,531	1/4	31,631	1/4	19,643	1/4	7,553	1/4		1/4	1/4		1/4		1/4
1/2	67,462	1/2	55,370	1/2	43,279	1/2	31,387	1/2	19,391	1/2	7,301	1/2		1/2	1/2		1/2		1/2
3/4	67,210	3/4	55,118	3/4	43,027	3/4	31,142	3/4	19,139	3/4	7,049	3/4		3/4	3/4		3/4		3/4
10	66,958	10	54,867	10	42,775	10	30,898	10	18,887	10	6,798	10		10	10		10		10
1/4	66,706	1/4	54,615	1/4	42,523	1/4	30,653	1/4	18,635	1/4	6,547	1/4		1/4	1/4		1/4		1/4
1/2	66,454	1/2	54,363	1/2	42,271	1/2	30,409	1/2	18,383	1/2	6,296	1/2		1/2	1/2		1/2		1/2
3/4	66,202	3/4	54,111	3/4	42,020	3/4	30,164	3/4	18,132	3/4	6,045	3/4		3/4	3/4		3/4		3/4
11	65,950	11	53,859	11	41,768	11	29,920	11	17,880	11	5,794	11		11	11		11		11
1/4	65,698	1/4	53,607	1/4	41,516	1/4	29,676	1/4	17,628	1/4	5,544	1/4		1/4	1/4		1/4		1/4
1/2	65,446	1/2	53,355	1/2	41,264	1/2	29,431	1/2	17,376	1/2	5,293	1/2		1/2	1/2		1/2		1/2
3/4	65,194	3/4	53,103	3/4	41,012	3/4	29,187	3/4	17,124	3/4	5,043	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/24/2011 CL - SW  
CALCULATED: 10/24/2011 CL  
PRINTED: 10/24/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2011

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



# BARGE "CBC 1339"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	144,047	0	133,380	0	122,692	0	111,963	0	101,235	0	90,507	0	79,778
1/4	1/4	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	90,283
1/2	1/2	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	111,516	1/2	100,788	1/2	90,060
3/4	3/4	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	89,836
1		1		1		1	151,669	1	143,160	1	132,490	1	121,798	1	111,069	1	100,341	1	89,613
1/4	1/4	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	89,389
1/2	1/2	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
3/4	3/4	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
2		2		2		2	151,496	2	142,271	2	131,601	2	120,904	2	110,175	2	99,447	2	88,719
1/4	1/4	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
1/2	1/2	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
3/4	3/4	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		3		3		3	151,174	3	141,382	3	130,712	3	120,010	3	109,281	3	98,553	3	87,825
1/4	1/4	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
1/2	1/2	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
3/4	3/4	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
4		4		4		4	150,703	4	140,492	4	129,823	4	119,116	4	108,387	4	97,659	4	86,931
1/4	1/4	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
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,411	1/2	140,048	1/2	129,378	1/2	118,669	1/2	107,940	1/2	97,212	1/2	86,484
3/4	3/4	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
5		5		5		5	150,083	5	139,603	5	128,934	5	118,222	5	107,493	5	96,765	5	86,037
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,918	1/4	139,381	1/4	128,712	1/4	117,998	1/4	107,270	1/4	96,542	1/4	85,813
1/2	1/2	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
3/4	3/4	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
6		6		6		6	149,314	6	138,714	6	128,045	6	117,328	6	106,599	6	95,871	6	85,143
1/4	1/4	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
1/2	1/2	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
3/4	3/4	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
7		7		7		7	148,451	7	137,825	7	127,156	7	116,434	7	105,705	7	94,977	7	84,249
1/4	1/4	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
1/2	1/2	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
3/4	3/4	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
8		8		8		8	147,570	8	136,936	8	126,267	8	115,540	8	104,811	8	94,083	8	83,355
1/4	1/4	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
1/2	1/2	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
3/4	3/4	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
9		9		9		9	146,690	9	136,047	9	125,374	9	114,646	9	103,917	9	93,189	9	82,461
1/4	1/4	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
1/2	1/2	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
3/4	3/4	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
10		10		10		10	145,809	10	135,158	10	124,480	10	113,752	10	103,023	10	92,295	10	81,567
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,588	1/4	134,935	1/4	124,256	1/4	113,528	1/4	102,800	1/4	92,072	1/4	81,343
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,368	1/2	134,713	1/2	124,033	1/2	113,304	1/2	102,576	1/2	91,848	1/2	81,119
3/4	3/4	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
11		11		11		11	144,928	11	134,269	11	123,586	11	112,857	11	102,129	11	91,401	11	80,672
1/4	1/4	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	91,177	1/4	80,449
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,487	1/2	133,824	1/2	123,139	1/2	112,410	1/2	101,682	1/2	90,954	1/2	80,225
3/4	3/4	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	90,730	3/4	80,002

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1339"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	69,048	0	58,318	0	47,588	0	36,858	0	26,150	0	15,424	0	4,702	0		0		0	
1/4	68,825	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
1/2	68,601	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
3/4	68,377	3/4	57,647	3/4	46,917	3/4	36,187	3/4	25,481	3/4	14,753	3/4	4,038	3/4	3/4		3/4		3/4
1	68,154	1	57,424	1	46,694	1	35,964	1	25,258	1	14,530	1	3,817	1		1		1	
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
1/2	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
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	3,157	3/4	3/4		3/4		3/4
2	67,260	2	56,530	2	45,800	2	35,070	2	24,365	2	13,636	2	2,938	2		2		2	
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
1/2	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
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	66,366	3	55,636	3	44,905	3	34,175	3	23,471	3	12,742	3	2,106	3		3		3	
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
1/2	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
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
4	65,471	4	54,741	4	44,011	4	33,281	4	22,577	4	11,848	4	1,399	4		4		4	
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
1/2	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
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
5	64,577	5	53,847	5	43,117	5	32,389	5	21,683	5	10,953	5	840	5		5		5	
1/4	64,354	1/4	53,624	1/4	42,894	1/4	32,166	1/4	21,459	1/4	10,730	1/4	710	1/4	1/4		1/4		1/4
1/2	64,130	1/2	53,400	1/2	42,670	1/2	31,942	1/2	21,236	1/2	10,506	1/2	617	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
6	63,683	6	52,953	6	42,223	6	31,498	6	20,789	6	10,059	6	430	6		6		6	
1/4	63,460	1/4	52,729	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
1/2	63,236	1/2	52,506	1/2	41,776	1/2	31,052	1/2	20,342	1/2	9,612	1/2	281	1/2	1/2		1/2		1/2
3/4	63,012	3/4	52,282	3/4	41,552	3/4	30,829	3/4	20,118	3/4	9,389	3/4	226	3/4	3/4		3/4		3/4
7	62,789	7	52,059	7	41,329	7	30,607	7	19,895	7	9,165	7	170	7		7		7	
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
1/2	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
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
8	61,895	8	51,165	8	40,435	8	29,715	8	19,001	8	8,271	8	58	8		8		8	
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
1/2	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
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
9	61,001	9	50,271	9	39,540	9	28,824	9	18,106	9	7,377	9		9		9		9	
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
1/2	60,553	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
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
10	60,106	10	49,376	10	38,646	10	27,933	10	17,212	10	6,483	10		10		10		10	
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
1/2	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
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
11	59,212	11	48,482	11	37,752	11	27,041	11	16,318	11	5,591	11		11		11		11	
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
1/2	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
3/4	58,542	3/4	47,812	3/4	37,081	3/4	26,373	3/4	15,648	3/4	4,924	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/24/2011 CL - SW  
CALCULATED: 10/24/2011 CL  
PRINTED: 10/24/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2011

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