



# BARGE "CBC 1337"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	00-0/8	- 00-0/8	00-0/8	- 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
2 CENTER	00-0/8	- 00-0/8	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
3 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-03"

September 6, 2011

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

<http://www.pmacorp.net>



# BARGE "CBC 1337"

# 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	8,091	0	18,879	0	29,518	0	40,185	0	50,946	0	61,706	0	72,444	0	83,183	0	93,947
1/4	58	1/4	8,316	1/4	19,104	1/4	29,736	1/4	40,409	1/4	51,170	1/4	61,930	1/4	72,666	1/4	83,407	1/4	94,171
1/2	77	1/2	8,541	1/2	19,329	1/2	29,954	1/2	40,634	1/2	51,394	1/2	62,155	1/2	72,889	1/2	83,631	1/2	94,395
3/4	96	3/4	8,765	3/4	19,554	3/4	30,173	3/4	40,858	3/4	51,618	3/4	62,379	3/4	73,112	3/4	83,856	3/4	94,619
1	114	1	8,990	1	19,779	1	30,391	1	41,082	1	51,842	1	62,603	1	73,335	1	84,080	1	94,844
1/4	170	1/4	9,215	1/4	20,003	1/4	30,609	1/4	41,306	1/4	52,067	1/4	62,827	1/4	73,558	1/4	84,304	1/4	95,068
1/2	227	1/2	9,440	1/2	20,228	1/2	30,828	1/2	41,530	1/2	52,291	1/2	63,051	1/2	73,781	1/2	84,528	1/2	95,292
3/4	283	3/4	9,664	3/4	20,453	3/4	31,046	3/4	41,754	3/4	52,515	3/4	63,276	3/4	74,003	3/4	84,753	3/4	95,516
2	339	2	9,889	2	20,678	2	31,265	2	41,979	2	52,739	2	63,500	2	74,226	2	84,977	2	95,741
1/4	433	1/4	10,114	1/4	20,902	1/4	31,483	1/4	42,203	1/4	52,963	1/4	63,724	1/4	74,449	1/4	85,201	1/4	95,965
1/2	526	1/2	10,339	1/2	21,127	1/2	31,701	1/2	42,427	1/2	53,187	1/2	63,948	1/2	74,672	1/2	85,425	1/2	96,189
3/4	620	3/4	10,563	3/4	21,352	3/4	31,920	3/4	42,651	3/4	53,412	3/4	64,172	3/4	74,895	3/4	85,650	3/4	96,413
3	714	3	10,788	3	21,577	3	32,138	3	42,875	3	53,636	3	64,396	3	75,118	3	85,874	3	96,638
1/4	845	1/4	11,013	1/4	21,801	1/4	32,356	1/4	43,099	1/4	53,860	1/4	64,621	1/4	75,340	1/4	86,098	1/4	96,862
1/2	976	1/2	11,238	1/2	22,026	1/2	32,575	1/2	43,324	1/2	54,084	1/2	64,845	1/2	75,563	1/2	86,322	1/2	97,086
3/4	1,107	3/4	11,462	3/4	22,251	3/4	32,793	3/4	43,548	3/4	54,308	3/4	65,069	3/4	75,786	3/4	86,547	3/4	97,310
4	1,238	4	11,687	4	22,476	4	33,011	4	43,772	4	54,533	4	65,293	4	76,009	4	86,771	4	97,535
1/4	1,406	1/4	11,912	1/4	22,700	1/4	33,236	1/4	43,996	1/4	54,757	1/4	65,517	1/4	76,232	1/4	86,995	1/4	97,759
1/2	1,575	1/2	12,137	1/2	22,925	1/2	33,460	1/2	44,220	1/2	54,981	1/2	65,741	1/2	76,456	1/2	87,219	1/2	97,983
3/4	1,743	3/4	12,361	3/4	23,150	3/4	33,684	3/4	44,445	3/4	55,205	3/4	65,966	3/4	76,679	3/4	87,444	3/4	98,207
5	1,912	5	12,586	5	23,375	5	33,908	5	44,669	5	55,429	5	66,190	5	76,903	5	87,668	5	98,432
1/4	2,117	1/4	12,811	1/4	23,599	1/4	34,132	1/4	44,893	1/4	55,653	1/4	66,414	1/4	77,127	1/4	87,892	1/4	98,656
1/2	2,323	1/2	13,036	1/2	23,824	1/2	34,357	1/2	45,117	1/2	55,878	1/2	66,638	1/2	77,352	1/2	88,116	1/2	98,880
3/4	2,528	3/4	13,260	3/4	24,049	3/4	34,581	3/4	45,341	3/4	56,102	3/4	66,862	3/4	77,576	3/4	88,340	3/4	99,104
6	2,734	6	13,485	6	24,274	6	34,805	6	45,565	6	56,326	6	67,087	6	77,800	6	88,565	6	99,329
1/4	2,954	1/4	13,710	1/4	24,492	1/4	35,029	1/4	45,790	1/4	56,550	1/4	67,310	1/4	78,024	1/4	88,789	1/4	99,553
1/2	3,174	1/2	13,935	1/2	24,711	1/2	35,253	1/2	46,014	1/2	56,774	1/2	67,534	1/2	78,249	1/2	89,013	1/2	99,777
3/4	3,395	3/4	14,160	3/4	24,930	3/4	35,477	3/4	46,238	3/4	56,999	3/4	67,757	3/4	78,473	3/4	89,237	3/4	100,001
7	3,615	7	14,384	7	25,149	7	35,702	7	46,462	7	57,223	7	67,981	7	78,697	7	89,462	7	100,226
1/4	3,837	1/4	14,609	1/4	25,367	1/4	35,926	1/4	46,686	1/4	57,447	1/4	68,204	1/4	78,921	1/4	89,686	1/4	100,450
1/2	4,059	1/2	14,834	1/2	25,586	1/2	36,150	1/2	46,910	1/2	57,671	1/2	68,428	1/2	79,146	1/2	89,910	1/2	100,674
3/4	4,282	3/4	15,059	3/4	25,805	3/4	36,374	3/4	47,135	3/4	57,895	3/4	68,652	3/4	79,370	3/4	90,134	3/4	100,898
8	4,504	8	15,283	8	26,024	8	36,598	8	47,359	8	58,119	8	68,875	8	79,594	8	90,359	8	101,123
1/4	4,727	1/4	15,508	1/4	26,242	1/4	36,822	1/4	47,583	1/4	58,344	1/4	69,099	1/4	79,819	1/4	90,583	1/4	101,347
1/2	4,951	1/2	15,733	1/2	26,460	1/2	37,047	1/2	47,807	1/2	58,568	1/2	69,322	1/2	80,043	1/2	90,807	1/2	101,571
3/4	5,174	3/4	15,958	3/4	26,679	3/4	37,271	3/4	48,031	3/4	58,792	3/4	69,546	3/4	80,267	3/4	91,031	3/4	101,795
9	5,397	9	16,182	9	26,897	9	37,495	9	48,256	9	59,016	9	69,770	9	80,491	9	91,256	9	102,020
1/4	5,621	1/4	16,407	1/4	27,116	1/4	37,719	1/4	48,480	1/4	59,240	1/4	69,992	1/4	80,716	1/4	91,480	1/4	102,244
1/2	5,846	1/2	16,632	1/2	27,334	1/2	37,943	1/2	48,704	1/2	59,464	1/2	70,215	1/2	80,940	1/2	91,704	1/2	102,468
3/4	6,070	3/4	16,857	3/4	27,552	3/4	38,168	3/4	48,928	3/4	59,689	3/4	70,438	3/4	81,164	3/4	91,928	3/4	102,692
10	6,294	10	17,081	10	27,771	10	38,392	10	49,152	10	59,913	10	70,661	10	81,389	10	92,153	10	102,917
1/4	6,518	1/4	17,306	1/4	27,989	1/4	38,616	1/4	49,376	1/4	60,137	1/4	70,884	1/4	81,613	1/4	92,377	1/4	103,141
1/2	6,743	1/2	17,531	1/2	28,207	1/2	38,840	1/2	49,601	1/2	60,361	1/2	71,107	1/2	81,837	1/2	92,601	1/2	103,365
3/4	6,967	3/4	17,756	3/4	28,426	3/4	39,064	3/4	49,825	3/4	60,585	3/4	71,329	3/4	82,061	3/4	92,825	3/4	103,589
11	7,192	11	17,980	11	28,644	11	39,288	11	50,049	11	60,810	11	71,552	11	82,286	11	93,050	11	103,814
1/4	7,417	1/4	18,205	1/4	28,862	1/4	39,513	1/4	50,273	1/4	61,034	1/4	71,775	1/4	82,510	1/4	93,274	1/4	104,038
1/2	7,642	1/2	18,430	1/2	29,081	1/2	39,737	1/2	50,497	1/2	61,258	1/2	71,998	1/2	82,734	1/2	93,498	1/2	104,262
3/4	7,866	3/4	18,655	3/4	29,299	3/4	39,961	3/4	50,722	3/4	61,482	3/4	72,221	3/4	82,959	3/4	93,722	3/4	104,486

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'-07" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1337"

## 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	104,711	0	114,811	0	124,271	0	133,688	0	143,089	0		0		0		0		0	
1/4	104,935	1/4	115,008	1/4	124,467	1/4	133,885	1/4	143,284	1/4		1/4		1/4		1/4		1/4	
1/2	105,159	1/2	115,205	1/2	124,664	1/2	134,081	1/2	143,478	1/2		1/2		1/2		1/2		1/2	
3/4	105,383	3/4	115,402	3/4	124,860	3/4	134,278	3/4	143,673	3/4		3/4		3/4		3/4		3/4	
1	105,607	1	115,599	1	125,057	1	134,474	1	143,867	1		1		1		1		1	
1/4	105,831	1/4	115,796	1/4	125,253	1/4	134,671	1/4	144,061	1/4		1/4		1/4		1/4		1/4	
1/2	106,055	1/2	115,994	1/2	125,450	1/2	134,867	1/2	144,256	1/2		1/2		1/2		1/2		1/2	
3/4	106,279	3/4	116,191	3/4	125,646	3/4	135,064	3/4	144,450	3/4		3/4		3/4		3/4		3/4	
2	106,503	2	116,388	2	125,843	2	135,260	2	144,645	2		2		2		2		2	
1/4	106,727	1/4	116,585	1/4	126,039	1/4	135,457	1/4	144,848	1/4		1/4		1/4		1/4		1/4	
1/2	106,951	1/2	116,782	1/2	126,236	1/2	135,653	1/2	145,052	1/2		1/2		1/2		1/2		1/2	
3/4	107,175	3/4	116,979	3/4	126,433	3/4	135,850	3/4	145,255	3/4		3/4		3/4		3/4		3/4	
3	107,399	3	117,176	3	126,629	3	136,047	3	145,458	3		3		3		3		3	
1/4	107,623	1/4	117,373	1/4	126,826	1/4	136,243	1/4	145,624	1/4		1/4		1/4		1/4		1/4	
1/2	107,847	1/2	117,570	1/2	127,022	1/2	136,440	1/2	145,790	1/2		1/2		1/2		1/2		1/2	
3/4	108,071	3/4	117,767	3/4	127,219	3/4	136,636	3/4	145,956	3/4		3/4		3/4		3/4		3/4	
4	108,295	4	117,964	4	127,415	4	136,833	4	146,122	4		4		4		4		4	
1/4	108,519	1/4	118,161	1/4	127,612	1/4	137,029	1/4	146,251	1/4		1/4		1/4		1/4		1/4	
1/2	108,743	1/2	118,358	1/2	127,808	1/2	137,226	1/2	146,379	1/2		1/2		1/2		1/2		1/2	
3/4	108,967	3/4	118,555	3/4	128,005	3/4	137,422	3/4	146,507	3/4		3/4		3/4		3/4		3/4	
5	109,191	5	118,753	5	128,201	5	137,619	5	146,636	5		5		5		5		5	
1/4	109,415	1/4	118,950	1/4	128,398	1/4	137,815	1/4	146,727	1/4		1/4		1/4		1/4		1/4	
1/2	109,639	1/2	119,147	1/2	128,595	1/2	138,012	1/2	146,818	1/2		1/2		1/2		1/2		1/2	
3/4	109,863	3/4	119,344	3/4	128,791	3/4	138,209	3/4	146,909	3/4		3/4		3/4		3/4		3/4	
6	110,087	6	119,541	6	128,988	6	138,405	6	147,000	6		6		6		6		6	
1/4	110,283	1/4	119,738	1/4	129,184	1/4	138,602	1/4	147,053	1/4		1/4		1/4		1/4		1/4	
1/2	110,480	1/2	119,935	1/2	129,379	1/2	138,798	1/2	147,107	1/2		1/2		1/2		1/2		1/2	
3/4	110,677	3/4	120,132	3/4	129,575	3/4	138,995	3/4	147,160	3/4		3/4		3/4		3/4		3/4	
7	110,874	7	120,329	7	129,771	7	139,191	7	147,214	7		7		7		7		7	
1/4	111,071	1/4	120,526	1/4	129,967	1/4	139,388	1/4	147,230	1/4		1/4		1/4		1/4		1/4	
1/2	111,268	1/2	120,723	1/2	130,163	1/2	139,584	1/2	147,246	1/2		1/2		1/2		1/2		1/2	
3/4	111,465	3/4	120,920	3/4	130,359	3/4	139,781	3/4	147,262	3/4		3/4		3/4		3/4		3/4	
8	111,661	8	121,117	8	130,554	8	139,977	8	147,278	8		8		8		8		8	
1/4	111,858	1/4	121,314	1/4	130,750	1/4	140,172	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,055	1/2	121,512	1/2	130,946	1/2	140,366	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,252	3/4	121,709	3/4	131,142	3/4	140,561	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,449	9	121,906	9	131,338	9	140,755	9		9		9		9		9		9	
1/4	112,646	1/4	122,103	1/4	131,534	1/4	140,950	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,843	1/2	122,300	1/2	131,730	1/2	141,144	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,039	3/4	122,497	3/4	131,925	3/4	141,339	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,236	10	122,694	10	132,121	10	141,533	10		10		10		10		10		10	
1/4	113,433	1/4	122,891	1/4	132,317	1/4	141,728	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,630	1/2	123,088	1/2	132,513	1/2	141,922	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,827	3/4	123,285	3/4	132,709	3/4	142,117	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,024	11	123,482	11	132,905	11	142,311	11		11		11		11		11		11	
1/4	114,221	1/4	123,679	1/4	133,100	1/4	142,506	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,417	1/2	123,876	1/2	133,296	1/2	142,700	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,614	3/4	124,073	3/4	133,492	3/4	142,895	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/06/2011 CL - SW  
CALCULATED: 09/06/2011 CL  
PRINTED: 09/06/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2011

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



# BARGE "CBC 1337"

## 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	9,054	0	21,131	0	33,062	0	44,994	0	57,072	0	69,150	0	81,228	0	93,306	0	105,383
1/4	60	1/4	9,305	1/4	21,383	1/4	33,307	1/4	45,245	1/4	57,323	1/4	69,402	1/4	81,480	1/4	93,558	1/4	105,634
1/2	81	1/2	9,557	1/2	21,635	1/2	33,551	1/2	45,497	1/2	57,575	1/2	69,653	1/2	81,732	1/2	93,810	1/2	105,886
3/4	102	3/4	9,808	3/4	21,886	3/4	33,795	3/4	45,749	3/4	57,827	3/4	69,905	3/4	81,983	3/4	94,061	3/4	106,137
1	123	1	10,060	1	22,138	1	34,039	1	46,000	1	58,078	1	70,157	1	82,235	1	94,313	1	106,389
1/4	186	1/4	10,312	1/4	22,389	1/4	34,283	1/4	46,252	1/4	58,330	1/4	70,408	1/4	82,486	1/4	94,564	1/4	106,641
1/2	249	1/2	10,563	1/2	22,641	1/2	34,528	1/2	46,503	1/2	58,582	1/2	70,660	1/2	82,738	1/2	94,816	1/2	106,892
3/4	312	3/4	10,815	3/4	22,893	3/4	34,772	3/4	46,755	3/4	58,833	3/4	70,911	3/4	82,990	3/4	95,068	3/4	107,144
2	375	2	11,067	2	23,144	2	35,016	2	47,007	2	59,085	2	71,163	2	83,241	2	95,319	2	107,395
1/4	480	1/4	11,318	1/4	23,396	1/4	35,260	1/4	47,258	1/4	59,337	1/4	71,415	1/4	83,493	1/4	95,571	1/4	107,647
1/2	584	1/2	11,570	1/2	23,648	1/2	35,504	1/2	47,510	1/2	59,588	1/2	71,666	1/2	83,745	1/2	95,822	1/2	107,898
3/4	689	3/4	11,821	3/4	23,899	3/4	35,749	3/4	47,762	3/4	59,840	3/4	71,918	3/4	83,996	3/4	96,074	3/4	108,150
3	794	3	12,073	3	24,151	3	35,993	3	48,013	3	60,091	3	72,170	3	84,248	3	96,326	3	108,402
1/4	941	1/4	12,325	1/4	24,402	1/4	36,237	1/4	48,265	1/4	60,343	1/4	72,421	1/4	84,499	1/4	96,577	1/4	108,653
1/2	1,088	1/2	12,576	1/2	24,654	1/2	36,481	1/2	48,516	1/2	60,595	1/2	72,673	1/2	84,751	1/2	96,829	1/2	108,905
3/4	1,234	3/4	12,828	3/4	24,906	3/4	36,726	3/4	48,768	3/4	60,846	3/4	72,925	3/4	85,003	3/4	97,080	3/4	109,156
4	1,381	4	13,080	4	25,157	4	36,970	4	49,020	4	61,098	4	73,176	4	85,254	4	97,332	4	109,408
1/4	1,570	1/4	13,331	1/4	25,409	1/4	37,214	1/4	49,271	1/4	61,350	1/4	73,428	1/4	85,506	1/4	97,583	1/4	109,660
1/2	1,759	1/2	13,583	1/2	25,661	1/2	37,459	1/2	49,523	1/2	61,601	1/2	73,679	1/2	85,758	1/2	97,835	1/2	109,911
3/4	1,947	3/4	13,834	3/4	25,912	3/4	37,703	3/4	49,775	3/4	61,853	3/4	73,931	3/4	86,009	3/4	98,087	3/4	110,163
5	2,136	5	14,086	5	26,164	5	37,948	5	50,026	5	62,104	5	74,183	5	86,261	5	98,338	5	110,414
1/4	2,366	1/4	14,338	1/4	26,415	1/4	38,200	1/4	50,278	1/4	62,356	1/4	74,434	1/4	86,512	1/4	98,590	1/4	110,666
1/2	2,596	1/2	14,589	1/2	26,667	1/2	38,451	1/2	50,529	1/2	62,608	1/2	74,686	1/2	86,764	1/2	98,841	1/2	110,918
3/4	2,826	3/4	14,841	3/4	26,919	3/4	38,703	3/4	50,781	3/4	62,859	3/4	74,938	3/4	87,016	3/4	99,093	3/4	111,169
6	3,056	6	15,092	6	27,170	6	38,955	6	51,033	6	63,111	6	75,189	6	87,267	6	99,345	6	111,421
1/4	3,303	1/4	15,344	1/4	27,422	1/4	39,206	1/4	51,284	1/4	63,363	1/4	75,441	1/4	87,519	1/4	99,596	1/4	111,672
1/2	3,549	1/2	15,596	1/2	27,674	1/2	39,458	1/2	51,536	1/2	63,614	1/2	75,692	1/2	87,771	1/2	99,848	1/2	111,924
3/4	3,796	3/4	15,847	3/4	27,925	3/4	39,709	3/4	51,788	3/4	63,866	3/4	75,944	3/4	88,022	3/4	100,099	3/4	112,175
7	4,042	7	16,099	7	28,177	7	39,961	7	52,039	7	64,117	7	76,196	7	88,274	7	100,351	7	112,427
1/4	4,291	1/4	16,351	1/4	28,421	1/4	40,213	1/4	52,291	1/4	64,369	1/4	76,447	1/4	88,526	1/4	100,602	1/4	112,679
1/2	4,540	1/2	16,602	1/2	28,666	1/2	40,464	1/2	52,543	1/2	64,621	1/2	76,699	1/2	88,777	1/2	100,854	1/2	112,930
3/4	4,789	3/4	16,854	3/4	28,910	3/4	40,716	3/4	52,794	3/4	64,872	3/4	76,951	3/4	89,029	3/4	101,106	3/4	113,182
8	5,038	8	17,105	8	29,155	8	40,968	8	53,046	8	65,124	8	77,202	8	89,280	8	101,357	8	113,433
1/4	5,288	1/4	17,357	1/4	29,399	1/4	41,219	1/4	53,297	1/4	65,376	1/4	77,454	1/4	89,532	1/4	101,609	1/4	113,685
1/2	5,538	1/2	17,609	1/2	29,643	1/2	41,471	1/2	53,549	1/2	65,627	1/2	77,705	1/2	89,784	1/2	101,860	1/2	113,937
3/4	5,788	3/4	17,860	3/4	29,888	3/4	41,722	3/4	53,801	3/4	65,879	3/4	77,957	3/4	90,035	3/4	102,112	3/4	114,188
9	6,038	9	18,112	9	30,132	9	41,974	9	54,052	9	66,131	9	78,209	9	90,287	9	102,364	9	114,440
1/4	6,289	1/4	18,364	1/4	30,376	1/4	42,226	1/4	54,304	1/4	66,382	1/4	78,460	1/4	90,539	1/4	102,615	1/4	114,691
1/2	6,540	1/2	18,615	1/2	30,620	1/2	42,477	1/2	54,556	1/2	66,634	1/2	78,712	1/2	90,790	1/2	102,867	1/2	114,943
3/4	6,791	3/4	18,867	3/4	30,864	3/4	42,729	3/4	54,807	3/4	66,885	3/4	78,964	3/4	91,042	3/4	103,118	3/4	115,194
10	7,042	10	19,118	10	31,109	10	42,981	10	55,059	10	67,137	10	79,215	10	91,293	10	103,370	10	115,446
1/4	7,293	1/4	19,370	1/4	31,353	1/4	43,232	1/4	55,310	1/4	67,389	1/4	79,467	1/4	91,545	1/4	103,622	1/4	115,698
1/2	7,544	1/2	19,622	1/2	31,597	1/2	43,484	1/2	55,562	1/2	67,640	1/2	79,719	1/2	91,797	1/2	103,873	1/2	115,949
3/4	7,796	3/4	19,873	3/4	31,841	3/4	43,736	3/4	55,814	3/4	67,892	3/4	79,970	3/4	92,048	3/4	104,125	3/4	116,201
11	8,047	11	20,125	11	32,086	11	43,987	11	56,065	11	68,144	11	80,222	11	92,300	11	104,376	11	116,452
1/4	8,299	1/4	20,377	1/4	32,330	1/4	44,239	1/4	56,317	1/4	68,395	1/4	80,473	1/4	92,552	1/4	104,628	1/4	116,704
1/2	8,550	1/2	20,628	1/2	32,574	1/2	44,490	1/2	56,569	1/2	68,647	1/2	80,725	1/2	92,803	1/2	104,879	1/2	116,956
3/4	8,802	3/4	20,880	3/4	32,818	3/4	44,742	3/4	56,820	3/4	68,898	3/4	80,977	3/4	93,055	3/4	105,131	3/4	117,207

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1337"

## 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	117,459	0	129,535	0	141,611	0	153,620	0	165,592	0		0		0		0		0	
1/4	117,710	1/4	129,786	1/4	141,861	1/4	153,870	1/4	165,840	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,962	1/2	130,038	1/2	142,111	1/2	154,120	1/2	166,088	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,214	3/4	130,290	3/4	142,362	3/4	154,371	3/4	166,336	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,465	1	130,541	1	142,612	1	154,621	1	166,583	1	1	1	1	1	1	1	1	1	1
1/4	118,717	1/4	130,793	1/4	142,862	1/4	154,871	1/4	166,831	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,968	1/2	131,044	1/2	143,112	1/2	155,121	1/2	167,079	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,220	3/4	131,296	3/4	143,362	3/4	155,371	3/4	167,327	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,471	2	131,548	2	143,613	2	155,621	2	167,575	2	2	2	2	2	2	2	2	2	2
1/4	119,723	1/4	131,799	1/4	143,863	1/4	155,872	1/4	167,802	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,975	1/2	132,051	1/2	144,113	1/2	156,122	1/2	168,029	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,226	3/4	132,302	3/4	144,363	3/4	156,372	3/4	168,256	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,478	3	132,554	3	144,613	3	156,622	3	168,483	3	3	3	3	3	3	3	3	3	3
1/4	120,729	1/4	132,805	1/4	144,863	1/4	156,872	1/4	168,668	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,981	1/2	133,057	1/2	145,114	1/2	157,123	1/2	168,853	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,233	3/4	133,309	3/4	145,364	3/4	157,373	3/4	169,038	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,484	4	133,560	4	145,614	4	157,623	4	169,223	4	4	4	4	4	4	4	4	4	4
1/4	121,736	1/4	133,812	1/4	145,864	1/4	157,873	1/4	169,366	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,987	1/2	134,063	1/2	146,114	1/2	158,123	1/2	169,509	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,239	3/4	134,315	3/4	146,365	3/4	158,374	3/4	169,652	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,490	5	134,567	5	146,615	5	158,624	5	169,795	5	5	5	5	5	5	5	5	5	5
1/4	122,742	1/4	134,818	1/4	146,865	1/4	158,874	1/4	169,896	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,994	1/2	135,070	1/2	147,115	1/2	159,124	1/2	169,997	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,245	3/4	135,321	3/4	147,365	3/4	159,374	3/4	170,098	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,497	6	135,573	6	147,616	6	159,624	6	170,199	6	6	6	6	6	6	6	6	6	6
1/4	123,748	1/4	135,825	1/4	147,866	1/4	159,875	1/4	170,258	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,000	1/2	136,076	1/2	148,116	1/2	160,125	1/2	170,317	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,252	3/4	136,328	3/4	148,366	3/4	160,375	3/4	170,376	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,503	7	136,579	7	148,616	7	160,625	7	170,436	7	7	7	7	7	7	7	7	7	7
1/4	124,755	1/4	136,831	1/4	148,866	1/4	160,875	1/4	170,453	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,006	1/2	137,082	1/2	149,117	1/2	161,126	1/2	170,470	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,258	3/4	137,334	3/4	149,367	3/4	161,376	3/4	170,487	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,510	8	137,586	8	149,617	8	161,626	8	170,504	8	8	8	8	8	8	8	8	8	8
1/4	125,761	1/4	137,837	1/4	149,867	1/4	161,874	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,013	1/2	138,089	1/2	150,117	1/2	162,122	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,264	3/4	138,340	3/4	150,368	3/4	162,370	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,516	9	138,592	9	150,618	9	162,617	9		9	9	9	9	9	9	9	9	9	9
1/4	126,767	1/4	138,844	1/4	150,868	1/4	162,865	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,019	1/2	139,095	1/2	151,118	1/2	163,113	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,271	3/4	139,347	3/4	151,368	3/4	163,361	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,522	10	139,598	10	151,618	10	163,609	10		10	10	10	10	10	10	10	10	10	10
1/4	127,774	1/4	139,850	1/4	151,869	1/4	163,857	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,025	1/2	140,101	1/2	152,119	1/2	164,105	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,277	3/4	140,353	3/4	152,369	3/4	164,353	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,529	11	140,605	11	152,619	11	164,600	11		11	11	11	11	11	11	11	11	11	11
1/4	128,780	1/4	140,856	1/4	152,869	1/4	164,848	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,032	1/2	141,108	1/2	153,120	1/2	165,096	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,283	3/4	141,359	3/4	153,370	3/4	165,344	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: 09/06/2011 CL - SW  
CALCULATED: 09/06/2011 CL  
PRINTED: 09/06/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2011

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



# BARGE "CBC 1337"

## 3 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	8,052	0	18,788	0	29,510	0	40,235	0	50,971	0	61,708	0	72,444	0	83,181	0	93,915
1/4	58	1/4	8,276	1/4	19,012	1/4	29,733	1/4	40,459	1/4	51,195	1/4	61,931	1/4	72,668	1/4	83,404	1/4	94,139
1/2	77	1/2	8,500	1/2	19,236	1/2	29,956	1/2	40,682	1/2	51,419	1/2	62,155	1/2	72,891	1/2	83,628	1/2	94,362
3/4	95	3/4	8,723	3/4	19,459	3/4	30,179	3/4	40,906	3/4	51,642	3/4	62,379	3/4	73,115	3/4	83,851	3/4	94,586
1	114	1	8,947	1	19,683	1	30,402	1	41,130	1	51,866	1	62,602	1	73,339	1	84,075	1	94,810
1/4	170	1/4	9,171	1/4	19,907	1/4	30,625	1/4	41,353	1/4	52,090	1/4	62,826	1/4	73,562	1/4	84,299	1/4	95,033
1/2	226	1/2	9,394	1/2	20,130	1/2	30,848	1/2	41,577	1/2	52,313	1/2	63,050	1/2	73,786	1/2	84,522	1/2	95,257
3/4	282	3/4	9,618	3/4	20,354	3/4	31,071	3/4	41,801	3/4	52,537	3/4	63,273	3/4	74,010	3/4	84,746	3/4	95,481
2	338	2	9,842	2	20,578	2	31,294	2	42,024	2	52,761	2	63,497	2	74,234	2	84,970	2	95,704
1/4	431	1/4	10,065	1/4	20,801	1/4	31,517	1/4	42,248	1/4	52,984	1/4	63,721	1/4	74,457	1/4	85,193	1/4	95,928
1/2	524	1/2	10,289	1/2	21,025	1/2	31,740	1/2	42,472	1/2	53,208	1/2	63,944	1/2	74,681	1/2	85,417	1/2	96,151
3/4	617	3/4	10,513	3/4	21,249	3/4	31,962	3/4	42,695	3/4	53,432	3/4	64,168	3/4	74,905	3/4	85,641	3/4	96,375
3	710	3	10,736	3	21,472	3	32,185	3	42,919	3	53,655	3	64,392	3	75,128	3	85,864	3	96,599
1/4	841	1/4	10,960	1/4	21,696	1/4	32,408	1/4	43,143	1/4	53,879	1/4	64,615	1/4	75,352	1/4	86,088	1/4	96,822
1/2	971	1/2	11,184	1/2	21,920	1/2	32,631	1/2	43,366	1/2	54,103	1/2	64,839	1/2	75,576	1/2	86,311	1/2	97,046
3/4	1,102	3/4	11,407	3/4	22,143	3/4	32,854	3/4	43,590	3/4	54,326	3/4	65,063	3/4	75,799	3/4	86,535	3/4	97,270
4	1,232	4	11,631	4	22,367	4	33,077	4	43,814	4	54,550	4	65,286	4	76,023	4	86,759	4	97,493
1/4	1,400	1/4	11,855	1/4	22,591	1/4	33,301	1/4	44,037	1/4	54,774	1/4	65,510	1/4	76,247	1/4	86,982	1/4	97,717
1/2	1,568	1/2	12,078	1/2	22,814	1/2	33,525	1/2	44,261	1/2	54,997	1/2	65,734	1/2	76,470	1/2	87,206	1/2	97,941
3/4	1,735	3/4	12,302	3/4	23,038	3/4	33,748	3/4	44,485	3/4	55,221	3/4	65,958	3/4	76,694	3/4	87,430	3/4	98,164
5	1,903	5	12,526	5	23,261	5	33,972	5	44,708	5	55,445	5	66,181	5	76,918	5	87,653	5	98,388
1/4	2,108	1/4	12,749	1/4	23,485	1/4	34,196	1/4	44,932	1/4	55,668	1/4	66,405	1/4	77,141	1/4	87,877	1/4	98,611
1/2	2,312	1/2	12,973	1/2	23,709	1/2	34,419	1/2	45,156	1/2	55,892	1/2	66,629	1/2	77,365	1/2	88,101	1/2	98,835
3/4	2,516	3/4	13,197	3/4	23,932	3/4	34,643	3/4	45,379	3/4	56,116	3/4	66,852	3/4	77,589	3/4	88,324	3/4	99,059
6	2,721	6	13,420	6	24,156	6	34,867	6	45,603	6	56,339	6	67,076	6	77,812	6	88,548	6	99,282
1/4	2,940	1/4	13,644	1/4	24,379	1/4	35,090	1/4	45,827	1/4	56,563	1/4	67,300	1/4	78,036	1/4	88,771	1/4	99,506
1/2	3,159	1/2	13,868	1/2	24,603	1/2	35,314	1/2	46,050	1/2	56,787	1/2	67,523	1/2	78,260	1/2	88,995	1/2	99,730
3/4	3,379	3/4	14,091	3/4	24,826	3/4	35,538	3/4	46,274	3/4	57,011	3/4	67,747	3/4	78,483	3/4	89,219	3/4	99,953
7	3,598	7	14,315	7	25,049	7	35,761	7	46,498	7	57,234	7	67,971	7	78,707	7	89,442	7	100,177
1/4	3,819	1/4	14,539	1/4	25,273	1/4	35,985	1/4	46,721	1/4	57,458	1/4	68,194	1/4	78,931	1/4	89,666	1/4	100,401
1/2	4,040	1/2	14,762	1/2	25,496	1/2	36,209	1/2	46,945	1/2	57,682	1/2	68,418	1/2	79,154	1/2	89,890	1/2	100,624
3/4	4,261	3/4	14,986	3/4	25,719	3/4	36,432	3/4	47,169	3/4	57,905	3/4	68,642	3/4	79,378	3/4	90,113	3/4	100,848
8	4,482	8	15,210	8	25,943	8	36,656	8	47,392	8	58,129	8	68,865	8	79,602	8	90,337	8	101,072
1/4	4,705	1/4	15,433	1/4	26,166	1/4	36,880	1/4	47,616	1/4	58,353	1/4	69,089	1/4	79,825	1/4	90,561	1/4	101,295
1/2	4,927	1/2	15,657	1/2	26,389	1/2	37,103	1/2	47,840	1/2	58,576	1/2	69,313	1/2	80,049	1/2	90,784	1/2	101,519
3/4	5,149	3/4	15,881	3/4	26,612	3/4	37,327	3/4	48,064	3/4	58,800	3/4	69,536	3/4	80,273	3/4	91,008	3/4	101,742
9	5,372	9	16,104	9	26,834	9	37,551	9	48,287	9	59,024	9	69,760	9	80,496	9	91,231	9	101,966
1/4	5,595	1/4	16,328	1/4	27,057	1/4	37,774	1/4	48,511	1/4	59,247	1/4	69,984	1/4	80,720	1/4	91,455	1/4	102,190
1/2	5,818	1/2	16,552	1/2	27,280	1/2	37,998	1/2	48,735	1/2	59,471	1/2	70,207	1/2	80,944	1/2	91,679	1/2	102,413
3/4	6,041	3/4	16,775	3/4	27,503	3/4	38,222	3/4	48,958	3/4	59,695	3/4	70,431	3/4	81,167	3/4	91,902	3/4	102,637
10	6,264	10	16,999	10	27,726	10	38,445	10	49,182	10	59,918	10	70,655	10	81,391	10	92,126	10	102,861
1/4	6,487	1/4	17,223	1/4	27,949	1/4	38,669	1/4	49,406	1/4	60,142	1/4	70,878	1/4	81,615	1/4	92,350	1/4	103,084
1/2	6,711	1/2	17,446	1/2	28,172	1/2	38,893	1/2	49,629	1/2	60,366	1/2	71,102	1/2	81,838	1/2	92,573	1/2	103,308
3/4	6,934	3/4	17,670	3/4	28,395	3/4	39,116	3/4	49,853	3/4	60,589	3/4	71,326	3/4	82,062	3/4	92,797	3/4	103,532
11	7,158	11	17,894	11	28,618	11	39,340	11	50,077	11	60,813	11	71,549	11	82,286	11	93,021	11	103,755
1/4	7,381	1/4	18,117	1/4	28,841	1/4	39,564	1/4	50,300	1/4	61,037	1/4	71,773	1/4	82,509	1/4	93,244	1/4	103,979
1/2	7,605	1/2	18,341	1/2	29,064	1/2	39,788	1/2	50,524	1/2	61,260	1/2	71,997	1/2	82,733	1/2	93,468	1/2	104,202
3/4	7,829	3/4	18,565	3/4	29,287	3/4	40,011	3/4	50,748	3/4	61,484	3/4	72,220	3/4	82,957	3/4	93,691	3/4	104,426

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1337"

## 3 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	104,650	0	115,384	0	126,119	0	136,795	0	147,437	0		0		0		0		0	
1/4	104,873	1/4	115,608	1/4	126,341	1/4	137,017	1/4	147,658	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,097	1/2	115,832	1/2	126,564	1/2	137,239	1/2	147,878	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,321	3/4	116,055	3/4	126,786	3/4	137,462	3/4	148,099	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,544	1	116,279	1	127,009	1	137,684	1	148,319	1	1	1	1	1	1	1	1	1	1
1/4	105,768	1/4	116,502	1/4	127,231	1/4	137,907	1/4	148,539	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,992	1/2	116,726	1/2	127,453	1/2	138,129	1/2	148,760	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,215	3/4	116,950	3/4	127,676	3/4	138,352	3/4	148,980	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,439	2	117,173	2	127,898	2	138,574	2	149,200	2	2	2	2	2	2	2	2	2	2
1/4	106,662	1/4	117,397	1/4	128,121	1/4	138,796	1/4	149,402	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,886	1/2	117,621	1/2	128,343	1/2	139,019	1/2	149,604	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,110	3/4	117,844	3/4	128,565	3/4	139,241	3/4	149,805	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,333	3	118,068	3	128,788	3	139,464	3	150,007	3	3	3	3	3	3	3	3	3	3
1/4	107,557	1/4	118,292	1/4	129,010	1/4	139,686	1/4	150,172	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,781	1/2	118,515	1/2	129,233	1/2	139,908	1/2	150,336	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,004	3/4	118,739	3/4	129,455	3/4	140,131	3/4	150,501	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,228	4	118,962	4	129,677	4	140,353	4	150,665	4	4	4	4	4	4	4	4	4	4
1/4	108,452	1/4	119,186	1/4	129,900	1/4	140,576	1/4	150,792	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,675	1/2	119,410	1/2	130,122	1/2	140,798	1/2	150,919	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,899	3/4	119,633	3/4	130,345	3/4	141,020	3/4	151,046	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,122	5	119,857	5	130,567	5	141,243	5	151,174	5	5	5	5	5	5	5	5	5	5
1/4	109,346	1/4	120,081	1/4	130,790	1/4	141,465	1/4	151,263	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,570	1/2	120,304	1/2	131,012	1/2	141,688	1/2	151,353	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,793	3/4	120,528	3/4	131,234	3/4	141,910	3/4	151,443	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,017	6	120,752	6	131,457	6	142,133	6	151,533	6	6	6	6	6	6	6	6	6	6
1/4	110,241	1/4	120,975	1/4	131,679	1/4	142,355	1/4	151,586	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,464	1/2	121,199	1/2	131,902	1/2	142,577	1/2	151,638	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,688	3/4	121,423	3/4	132,124	3/4	142,800	3/4	151,691	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,912	7	121,646	7	132,346	7	143,022	7	151,743	7	7	7	7	7	7	7	7	7	7
1/4	111,135	1/4	121,870	1/4	132,569	1/4	143,245	1/4	151,759	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,359	1/2	122,093	1/2	132,791	1/2	143,467	1/2	151,774	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,582	3/4	122,317	3/4	133,014	3/4	143,689	3/4	151,789	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,806	8	122,541	8	133,236	8	143,912	8	151,805	8	8	8	8	8	8	8	8	8	8
1/4	112,030	1/4	122,764	1/4	133,458	1/4	144,132	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,253	1/2	122,988	1/2	133,681	1/2	144,353	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,477	3/4	123,212	3/4	133,903	3/4	144,573	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,701	9	123,435	9	134,126	9	144,793	9		9	9	9	9	9	9	9	9	9	9
1/4	112,924	1/4	123,659	1/4	134,348	1/4	145,014	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,148	1/2	123,883	1/2	134,571	1/2	145,234	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,372	3/4	124,106	3/4	134,793	3/4	145,454	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,595	10	124,330	10	135,015	10	145,675	10		10	10	10	10	10	10	10	10	10	10
1/4	113,819	1/4	124,553	1/4	135,238	1/4	145,895	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,042	1/2	124,777	1/2	135,460	1/2	146,115	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,266	3/4	125,001	3/4	135,683	3/4	146,336	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,490	11	125,224	11	135,905	11	146,556	11		11	11	11	11	11	11	11	11	11	11
1/4	114,713	1/4	125,448	1/4	136,127	1/4	146,776	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,937	1/2	125,672	1/2	136,350	1/2	146,997	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,161	3/4	125,895	3/4	136,572	3/4	147,217	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: 09/06/2011 CL - SW  
CALCULATED: 09/06/2011 CL  
PRINTED: 09/06/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1337"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-08"

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	0	0	120	0	300	0	461	0		0		0		0		0		0	
1/4	1	1/4	124	1/4	304	1/4	463	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2	1/2	127	1/2	308	1/2	466	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2	3/4	131	3/4	312	3/4	468	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3	1	134	1	315	1	470	1	1	1	1	1	1	1	1	1	1	1	1
1/4	5	1/4	138	1/4	319	1/4	473	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	6	1/2	142	1/2	323	1/2	475	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7	3/4	145	3/4	327	3/4	477	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	9	2	149	2	330	2	479	2	2	2	2	2	2	2	2	2	2	2	2
1/4	11	1/4	152	1/4	334	1/4	481	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	13	1/2	156	1/2	338	1/2	483	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	14	3/4	160	3/4	341	3/4	485	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	16	3	163	3	345	3	487	3	3	3	3	3	3	3	3	3	3	3	3
1/4	18	1/4	167	1/4	349	1/4	488	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20	1/2	171	1/2	352	1/2	490	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23	3/4	175	3/4	356	3/4	492	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	25	4	178	4	360	4	493	4	4	4	4	4	4	4	4	4	4	4	4
1/4	27	1/4	182	1/4	363	1/4	494	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	30	1/2	186	1/2	367	1/2	495	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	32	3/4	190	3/4	370	3/4	496	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	34	5	193	5	374	5	497	5	5	5	5	5	5	5	5	5	5	5	5
1/4	37	1/4	197	1/4	377	1/4	498	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	40	1/2	201	1/2	381	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	42	3/4	205	3/4	384	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	45	6	209	6	388	6		6	6	6	6	6	6	6	6	6	6	6	6
1/4	48	1/4	212	1/4	391	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50	1/2	216	1/2	394	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53	3/4	220	3/4	398	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	56	7	224	7	401	7		7	7	7	7	7	7	7	7	7	7	7	7
1/4	59	1/4	228	1/4	404	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62	1/2	232	1/2	408	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65	3/4	235	3/4	411	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	68	8	239	8	414	8		8	8	8	8	8	8	8	8	8	8	8	8
1/4	71	1/4	243	1/4	417	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74	1/2	247	1/2	420	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77	3/4	251	3/4	424	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	80	9	255	9	427	9		9	9	9	9	9	9	9	9	9	9	9	9
1/4	83	1/4	258	1/4	430	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87	1/2	262	1/2	433	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90	3/4	266	3/4	436	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	93	10	270	10	439	10		10	10	10	10	10	10	10	10	10	10	10	10
1/4	96	1/4	274	1/4	442	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	100	1/2	278	1/2	444	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	103	3/4	281	3/4	447	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	107	11	285	11	450	11		11	11	11	11	11	11	11	11	11	11	11	11
1/4	110	1/4	289	1/4	453	1/4		1/4	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	1/2	293	1/2	455	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117	3/4	297	3/4	458	3/4		3/4	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.

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 TOP OF MANWAY.

STRAPPED: 09/06/2011 CL - SW  
CALCULATED: 09/06/2011 CL  
PRINTED: 09/06/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "CBC 1337"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	- 00-0/8	00-0/8	- 00-0/8	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
2 CENTER	- 00-0/8	00-0/8	- 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
3 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

**EXAMPLE FOR ABOVE TRIM CORRECTIONS:**

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-03"

September 6, 2011

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

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# BARGE "CBC 1337"

## 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	147,262	0	139,781	0	130,359	0	120,920	0	111,465	0	100,898	0	90,134	0	79,370
1/4	1/4	1/4	1/4	1/4	147,246	1/4	139,584	1/4	130,163	1/4	120,723	1/4	111,268	1/4	100,674	1/4	89,910	1/4	79,146
1/2	1/2	1/2	1/2	1/2	147,230	1/2	139,388	1/2	129,967	1/2	120,526	1/2	111,071	1/2	100,450	1/2	89,686	1/2	78,921
3/4	3/4	3/4	3/4	3/4	147,214	3/4	139,191	3/4	129,771	3/4	120,329	3/4	110,874	3/4	100,226	3/4	89,462	3/4	78,697
1		1		1	147,160	1	138,995	1	129,575	1	120,132	1	110,677	1	100,001	1	89,237	1	78,473
1/4	1/4	1/4	1/4	1/4	147,107	1/4	138,798	1/4	129,379	1/4	119,935	1/4	110,480	1/4	99,777	1/4	89,013	1/4	78,249
1/2	1/2	1/2	1/2	1/2	147,053	1/2	138,602	1/2	129,184	1/2	119,738	1/2	110,283	1/2	99,553	1/2	88,789	1/2	78,024
3/4	3/4	3/4	3/4	3/4	147,000	3/4	138,405	3/4	128,988	3/4	119,541	3/4	110,087	3/4	99,329	3/4	88,565	3/4	77,800
2		2		2	146,909	2	138,209	2	128,791	2	119,344	2	109,863	2	99,104	2	88,340	2	77,576
1/4	1/4	1/4	1/4	1/4	146,818	1/4	138,012	1/4	128,595	1/4	119,147	1/4	109,639	1/4	98,880	1/4	88,116	1/4	77,352
1/2	1/2	1/2	1/2	1/2	146,727	1/2	137,815	1/2	128,398	1/2	118,950	1/2	109,415	1/2	98,656	1/2	87,892	1/2	77,127
3/4	3/4	3/4	3/4	3/4	146,636	3/4	137,619	3/4	128,201	3/4	118,753	3/4	109,191	3/4	98,432	3/4	87,668	3/4	76,903
3		3		3	146,507	3	137,422	3	128,005	3	118,555	3	108,967	3	98,207	3	87,444	3	76,679
1/4	1/4	1/4	1/4	1/4	146,379	1/4	137,226	1/4	127,808	1/4	118,358	1/4	108,743	1/4	97,983	1/4	87,219	1/4	76,456
1/2	1/2	1/2	1/2	1/2	146,251	1/2	137,029	1/2	127,612	1/2	118,161	1/2	108,519	1/2	97,759	1/2	86,995	1/2	76,232
3/4	3/4	3/4	3/4	3/4	146,122	3/4	136,833	3/4	127,415	3/4	117,964	3/4	108,295	3/4	97,535	3/4	86,771	3/4	76,009
4		4		4	145,956	4	136,636	4	127,219	4	117,767	4	108,071	4	97,310	4	86,547	4	75,786
1/4	1/4	1/4	1/4	1/4	145,790	1/4	136,440	1/4	127,022	1/4	117,570	1/4	107,847	1/4	97,086	1/4	86,322	1/4	75,563
1/2	1/2	1/2	1/2	1/2	145,624	1/2	136,243	1/2	126,826	1/2	117,373	1/2	107,623	1/2	96,862	1/2	86,098	1/2	75,340
3/4	3/4	3/4	3/4	3/4	145,458	3/4	136,047	3/4	126,629	3/4	117,176	3/4	107,399	3/4	96,638	3/4	85,874	3/4	75,118
5		5		5	145,255	5	135,850	5	126,433	5	116,979	5	107,175	5	96,413	5	85,650	5	74,895
1/4	1/4	1/4	1/4	1/4	145,052	1/4	135,653	1/4	126,236	1/4	116,782	1/4	106,951	1/4	96,189	1/4	85,425	1/4	74,672
1/2	1/2	1/2	1/2	1/2	144,848	1/2	135,457	1/2	126,039	1/2	116,585	1/2	106,727	1/2	95,965	1/2	85,201	1/2	74,449
3/4	3/4	3/4	3/4	3/4	144,645	3/4	135,260	3/4	125,843	3/4	116,388	3/4	106,503	3/4	95,741	3/4	84,977	3/4	74,226
6		6		6	144,450	6	135,064	6	125,646	6	116,191	6	106,279	6	95,516	6	84,753	6	74,003
1/4	1/4	1/4	1/4	1/4	144,256	1/4	134,867	1/4	125,450	1/4	115,994	1/4	106,055	1/4	95,292	1/4	84,528	1/4	73,781
1/2	1/2	1/2	1/2	1/2	144,061	1/2	134,671	1/2	125,253	1/2	115,796	1/2	105,831	1/2	95,068	1/2	84,304	1/2	73,558
3/4	3/4	3/4	3/4	3/4	143,867	3/4	134,474	3/4	125,057	3/4	115,599	3/4	105,607	3/4	94,844	3/4	84,080	3/4	73,335
7		7		7	143,673	7	134,278	7	124,860	7	115,402	7	105,383	7	94,619	7	83,856	7	73,112
1/4	1/4	1/4	1/4	1/4	143,478	1/4	134,081	1/4	124,664	1/4	115,205	1/4	105,159	1/4	94,395	1/4	83,631	1/4	72,889
1/2	1/2	1/2	1/2	1/2	143,284	1/2	133,885	1/2	124,467	1/2	115,008	1/2	104,935	1/2	94,171	1/2	83,407	1/2	72,666
3/4	3/4	3/4	3/4	3/4	143,089	3/4	133,688	3/4	124,271	3/4	114,811	3/4	104,711	3/4	93,947	3/4	83,183	3/4	72,444
8		8		8	142,895	8	133,492	8	124,073	8	114,614	8	104,486	8	93,722	8	82,959	8	72,221
1/4	1/4	1/4	1/4	1/4	142,700	1/4	133,296	1/4	123,876	1/4	114,417	1/4	104,262	1/4	93,498	1/4	82,734	1/4	71,998
1/2	1/2	1/2	1/2	1/2	142,506	1/2	133,100	1/2	123,679	1/2	114,221	1/2	104,038	1/2	93,274	1/2	82,510	1/2	71,775
3/4	3/4	3/4	3/4	3/4	142,311	3/4	132,905	3/4	123,482	3/4	114,024	3/4	103,814	3/4	93,050	3/4	82,286	3/4	71,552
9		9		9	142,117	9	132,709	9	123,285	9	113,827	9	103,589	9	92,825	9	82,061	9	71,329
1/4	1/4	1/4	1/4	1/4	141,922	1/4	132,513	1/4	123,088	1/4	113,630	1/4	103,365	1/4	92,601	1/4	81,837	1/4	71,107
1/2	1/2	1/2	1/2	1/2	141,728	1/2	132,317	1/2	122,891	1/2	113,433	1/2	103,141	1/2	92,377	1/2	81,613	1/2	70,884
3/4	3/4	3/4	3/4	3/4	141,533	3/4	132,121	3/4	122,694	3/4	113,236	3/4	102,917	3/4	92,153	3/4	81,389	3/4	70,661
10		10		10	141,339	10	131,925	10	122,497	10	113,039	10	102,692	10	91,928	10	81,164	10	70,438
1/4	1/4	1/4	1/4	1/4	141,144	1/4	131,730	1/4	122,300	1/4	112,843	1/4	102,468	1/4	91,704	1/4	80,940	1/4	70,215
1/2	1/2	1/2	1/2	1/2	140,950	1/2	131,534	1/2	122,103	1/2	112,646	1/2	102,244	1/2	91,480	1/2	80,716	1/2	69,992
3/4	3/4	3/4	3/4	3/4	140,755	3/4	131,338	3/4	121,906	3/4	112,449	3/4	102,020	3/4	91,256	3/4	80,491	3/4	69,770
11		11		11	140,561	11	131,142	11	121,709	11	112,252	11	101,795	11	91,031	11	80,267	11	69,546
1/4	1/4	1/4	1/4	1/4	140,366	1/4	130,946	1/4	121,512	1/4	112,055	1/4	101,571	1/4	90,807	1/4	80,043	1/4	69,322
1/2	1/2	1/2	1/2	1/2	140,172	1/2	130,750	1/2	121,314	1/2	111,858	1/2	101,347	1/2	90,583	1/2	79,819	1/2	69,099
3/4	3/4	11 3/4	147,278	3/4	139,977	3/4	130,554	3/4	121,117	3/4	111,661	3/4	101,123	3/4	90,359	3/4	79,594	3/4	68,875

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'-07" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "CBC 1337"

## 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	68,652	0	57,895	0	47,135	0	36,374	0	25,805	0	15,059	0	4,282	0		0		0	
1/4	68,428	1/4	57,671	1/4	46,910	1/4	36,150	1/4	25,586	1/4	14,834	1/4	4,059	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,204	1/2	57,447	1/2	46,686	1/2	35,926	1/2	25,367	1/2	14,609	1/2	3,837	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,981	3/4	57,223	3/4	46,462	3/4	35,702	3/4	25,149	3/4	14,384	3/4	3,615	3/4	3/4	3/4	3/4	3/4	3/4
1	67,757	1	56,999	1	46,238	1	35,477	1	24,930	1	14,160	1	3,395	1	1	1	1	1	1
1/4	67,534	1/4	56,774	1/4	46,014	1/4	35,253	1/4	24,711	1/4	13,935	1/4	3,174	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,310	1/2	56,550	1/2	45,790	1/2	35,029	1/2	24,492	1/2	13,710	1/2	2,954	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,087	3/4	56,326	3/4	45,565	3/4	34,805	3/4	24,274	3/4	13,485	3/4	2,734	3/4	3/4	3/4	3/4	3/4	3/4
2	66,862	2	56,102	2	45,341	2	34,581	2	24,049	2	13,260	2	2,528	2	2	2	2	2	2
1/4	66,638	1/4	55,878	1/4	45,117	1/4	34,357	1/4	23,824	1/4	13,036	1/4	2,323	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,414	1/2	55,653	1/2	44,893	1/2	34,132	1/2	23,599	1/2	12,811	1/2	2,117	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,190	3/4	55,429	3/4	44,669	3/4	33,908	3/4	23,375	3/4	12,586	3/4	1,912	3/4	3/4	3/4	3/4	3/4	3/4
3	65,966	3	55,205	3	44,445	3	33,684	3	23,150	3	12,361	3	1,743	3	3	3	3	3	3
1/4	65,741	1/4	54,981	1/4	44,220	1/4	33,460	1/4	22,925	1/4	12,137	1/4	1,575	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,517	1/2	54,757	1/2	43,996	1/2	33,236	1/2	22,700	1/2	11,912	1/2	1,406	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,293	3/4	54,533	3/4	43,772	3/4	33,011	3/4	22,476	3/4	11,687	3/4	1,238	3/4	3/4	3/4	3/4	3/4	3/4
4	65,069	4	54,308	4	43,548	4	32,793	4	22,251	4	11,462	4	1,107	4	4	4	4	4	4
1/4	64,845	1/4	54,084	1/4	43,324	1/4	32,575	1/4	22,026	1/4	11,238	1/4	976	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,621	1/2	53,860	1/2	43,099	1/2	32,356	1/2	21,801	1/2	11,013	1/2	845	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,396	3/4	53,636	3/4	42,875	3/4	32,138	3/4	21,577	3/4	10,788	3/4	714	3/4	3/4	3/4	3/4	3/4	3/4
5	64,172	5	53,412	5	42,651	5	31,920	5	21,352	5	10,563	5	620	5	5	5	5	5	5
1/4	63,948	1/4	53,187	1/4	42,427	1/4	31,701	1/4	21,127	1/4	10,339	1/4	526	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,724	1/2	52,963	1/2	42,203	1/2	31,483	1/2	20,902	1/2	10,114	1/2	433	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,500	3/4	52,739	3/4	41,979	3/4	31,265	3/4	20,678	3/4	9,889	3/4	339	3/4	3/4	3/4	3/4	3/4	3/4
6	63,276	6	52,515	6	41,754	6	31,046	6	20,453	6	9,664	6	283	6	6	6	6	6	6
1/4	63,051	1/4	52,291	1/4	41,530	1/4	30,828	1/4	20,228	1/4	9,440	1/4	227	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,827	1/2	52,067	1/2	41,306	1/2	30,609	1/2	20,003	1/2	9,215	1/2	170	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,603	3/4	51,842	3/4	41,082	3/4	30,391	3/4	19,779	3/4	8,990	3/4	114	3/4	3/4	3/4	3/4	3/4	3/4
7	62,379	7	51,618	7	40,858	7	30,173	7	19,554	7	8,765	7	96	7	7	7	7	7	7
1/4	62,155	1/4	51,394	1/4	40,634	1/4	29,954	1/4	19,329	1/4	8,541	1/4	77	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,930	1/2	51,170	1/2	40,409	1/2	29,736	1/2	19,104	1/2	8,316	1/2	58	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,706	3/4	50,946	3/4	40,185	3/4	29,518	3/4	18,879	3/4	8,091	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4
8	61,482	8	50,722	8	39,961	8	29,299	8	18,655	8	7,866	8		8	8	8	8	8	8
1/4	61,258	1/4	50,497	1/4	39,737	1/4	29,081	1/4	18,430	1/4	7,642	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,034	1/2	50,273	1/2	39,513	1/2	28,862	1/2	18,205	1/2	7,417	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,810	3/4	50,049	3/4	39,288	3/4	28,644	3/4	17,980	3/4	7,192	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,585	9	49,825	9	39,064	9	28,426	9	17,756	9	6,967	9		9	9	9	9	9	9
1/4	60,361	1/4	49,601	1/4	38,840	1/4	28,207	1/4	17,531	1/4	6,743	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,137	1/2	49,376	1/2	38,616	1/2	27,989	1/2	17,306	1/2	6,518	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,913	3/4	49,152	3/4	38,392	3/4	27,771	3/4	17,081	3/4	6,294	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,689	10	48,928	10	38,168	10	27,552	10	16,857	10	6,070	10		10	10	10	10	10	10
1/4	59,464	1/4	48,704	1/4	37,943	1/4	27,334	1/4	16,632	1/4	5,846	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,240	1/2	48,480	1/2	37,719	1/2	27,116	1/2	16,407	1/2	5,621	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,016	3/4	48,256	3/4	37,495	3/4	26,897	3/4	16,182	3/4	5,397	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,792	11	48,031	11	37,271	11	26,679	11	15,958	11	5,174	11		11	11	11	11	11	11
1/4	58,568	1/4	47,807	1/4	37,047	1/4	26,460	1/4	15,733	1/4	4,951	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,344	1/2	47,583	1/2	36,822	1/2	26,242	1/2	15,508	1/2	4,727	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,119	3/4	47,359	3/4	36,598	3/4	26,024	3/4	15,283	3/4	4,504	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/06/2011 CL - SW  
CALCULATED: 09/06/2011 CL  
PRINTED: 09/06/2011 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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Pearland, Texas 77588  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2011



# BARGE "CBC 1337"

## 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	170,487	0	161,376	0	149,367	0	137,334	0	125,258	0	113,182	0	101,106	0	89,029		
1/4	1/4	1/4	170,470	1/4	161,126	1/4	149,117	1/4	137,082	1/4	125,006	1/4	112,930	1/4	100,854	1/4	88,777		
1/2	1/2	1/2	170,453	1/2	160,875	1/2	148,866	1/2	136,831	1/2	124,755	1/2	112,679	1/2	100,602	1/2	88,526		
3/4	3/4	3/4	170,436	3/4	160,625	3/4	148,616	3/4	136,579	3/4	124,503	3/4	112,427	3/4	100,351	3/4	88,274		
1	1	1	170,376	1	160,375	1	148,366	1	136,328	1	124,252	1	112,175	1	100,099	1	88,022		
1/4	1/4	1/4	170,317	1/4	160,125	1/4	148,116	1/4	136,076	1/4	124,000	1/4	111,924	1/4	99,848	1/4	87,771		
1/2	1/2	1/2	170,258	1/2	159,875	1/2	147,866	1/2	135,825	1/2	123,748	1/2	111,672	1/2	99,596	1/2	87,519		
3/4	3/4	3/4	170,199	3/4	159,624	3/4	147,616	3/4	135,573	3/4	123,497	3/4	111,421	3/4	99,345	3/4	87,267		
2	2	2	170,098	2	159,374	2	147,365	2	135,321	2	123,245	2	111,169	2	99,093	2	87,016		
1/4	1/4	1/4	169,997	1/4	159,124	1/4	147,115	1/4	135,070	1/4	122,994	1/4	110,918	1/4	98,841	1/4	86,764		
1/2	1/2	1/2	169,896	1/2	158,874	1/2	146,865	1/2	134,818	1/2	122,742	1/2	110,666	1/2	98,590	1/2	86,512		
3/4	3/4	3/4	169,795	3/4	158,624	3/4	146,615	3/4	134,567	3/4	122,490	3/4	110,414	3/4	98,338	3/4	86,261		
3	3	3	169,652	3	158,374	3	146,365	3	134,315	3	122,239	3	110,163	3	98,087	3	86,009		
1/4	1/4	1/4	169,509	1/4	158,123	1/4	146,114	1/4	134,063	1/4	121,987	1/4	109,911	1/4	97,835	1/4	85,758		
1/2	1/2	1/2	169,366	1/2	157,873	1/2	145,864	1/2	133,812	1/2	121,736	1/2	109,660	1/2	97,583	1/2	85,506		
3/4	3/4	3/4	169,223	3/4	157,623	3/4	145,614	3/4	133,560	3/4	121,484	3/4	109,408	3/4	97,332	3/4	85,254		
4	4	4	169,038	4	157,373	4	145,364	4	133,309	4	121,233	4	109,156	4	97,080	4	85,003		
1/4	1/4	1/4	168,853	1/4	157,123	1/4	145,114	1/4	133,057	1/4	120,981	1/4	108,905	1/4	96,829	1/4	84,751		
1/2	1/2	1/2	168,668	1/2	156,872	1/2	144,863	1/2	132,805	1/2	120,729	1/2	108,653	1/2	96,577	1/2	84,499		
3/4	3/4	3/4	168,483	3/4	156,622	3/4	144,613	3/4	132,554	3/4	120,478	3/4	108,402	3/4	96,326	3/4	84,248		
5	5	5	168,256	5	156,372	5	144,363	5	132,302	5	120,226	5	108,150	5	96,074	5	83,996		
1/4	1/4	1/4	168,029	1/4	156,122	1/4	144,113	1/4	132,051	1/4	119,975	1/4	107,898	1/4	95,822	1/4	83,745		
1/2	1/2	1/2	167,802	1/2	155,872	1/2	143,863	1/2	131,799	1/2	119,723	1/2	107,647	1/2	95,571	1/2	83,493		
3/4	3/4	3/4	167,575	3/4	155,621	3/4	143,613	3/4	131,548	3/4	119,471	3/4	107,395	3/4	95,319	3/4	83,241		
6	6	6	167,327	6	155,371	6	143,362	6	131,296	6	119,220	6	107,144	6	95,068	6	82,990		
1/4	1/4	1/4	167,079	1/4	155,121	1/4	143,112	1/4	131,044	1/4	118,968	1/4	106,892	1/4	94,816	1/4	82,738		
1/2	1/2	1/2	166,831	1/2	154,871	1/2	142,862	1/2	130,793	1/2	118,717	1/2	106,641	1/2	94,564	1/2	82,486		
3/4	3/4	3/4	166,583	3/4	154,621	3/4	142,612	3/4	130,541	3/4	118,465	3/4	106,389	3/4	94,313	3/4	82,235		
7	7	7	166,336	7	154,371	7	142,362	7	130,290	7	118,214	7	106,137	7	94,061	7	81,983		
1/4	1/4	1/4	166,088	1/4	154,120	1/4	142,111	1/4	130,038	1/4	117,962	1/4	105,886	1/4	93,810	1/4	81,732		
1/2	1/2	1/2	165,840	1/2	153,870	1/2	141,861	1/2	129,786	1/2	117,710	1/2	105,634	1/2	93,558	1/2	81,480		
3/4	3/4	3/4	165,592	3/4	153,620	3/4	141,611	3/4	129,535	3/4	117,459	3/4	105,383	3/4	93,306	3/4	81,228		
8	8	8	165,344	8	153,370	8	141,359	8	129,283	8	117,207	8	105,131	8	93,055	8	80,977		
1/4	1/4	1/4	165,096	1/4	153,120	1/4	141,108	1/4	129,032	1/4	116,956	1/4	104,879	1/4	92,803	1/4	80,725		
1/2	1/2	1/2	164,848	1/2	152,869	1/2	140,856	1/2	128,780	1/2	116,704	1/2	104,628	1/2	92,552	1/2	80,473		
3/4	3/4	3/4	164,600	3/4	152,619	3/4	140,605	3/4	128,529	3/4	116,452	3/4	104,376	3/4	92,300	3/4	80,222		
9	9	9	164,353	9	152,369	9	140,353	9	128,277	9	116,201	9	104,125	9	92,048	9	79,970		
1/4	1/4	1/4	164,105	1/4	152,119	1/4	140,101	1/4	128,025	1/4	115,949	1/4	103,873	1/4	91,797	1/4	79,719		
1/2	1/2	1/2	163,857	1/2	151,869	1/2	139,850	1/2	127,774	1/2	115,698	1/2	103,622	1/2	91,545	1/2	79,467		
3/4	3/4	3/4	163,609	3/4	151,618	3/4	139,598	3/4	127,522	3/4	115,446	3/4	103,370	3/4	91,293	3/4	79,215		
10	10	10	163,361	10	151,368	10	139,347	10	127,271	10	115,194	10	103,118	10	91,042	10	78,964		
1/4	1/4	1/4	163,113	1/4	151,118	1/4	139,095	1/4	127,019	1/4	114,943	1/4	102,867	1/4	90,790	1/4	78,712		
1/2	1/2	1/2	162,865	1/2	150,868	1/2	138,844	1/2	126,767	1/2	114,691	1/2	102,615	1/2	90,539	1/2	78,460		
3/4	3/4	3/4	162,617	3/4	150,618	3/4	138,592	3/4	126,516	3/4	114,440	3/4	102,364	3/4	90,287	3/4	78,209		
11	11	11	162,370	11	150,368	11	138,340	11	126,264	11	114,188	11	102,112	11	90,035	11	77,957		
1/4	1/4	1/4	162,122	1/4	150,117	1/4	138,089	1/4	126,013	1/4	113,937	1/4	101,860	1/4	89,784	1/4	77,705		
1/2	1/2	1/2	161,874	1/2	149,867	1/2	137,837	1/2	125,761	1/2	113,685	1/2	101,609	1/2	89,532	1/2	77,454		
3/4	11 3/4	170,504	161,626	150,617	149,617	138,617	137,617	126,617	125,617	114,617	113,617	103,617	102,617	91,617	90,617	80,617	79,617		

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1337"

## 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	76,951	0	64,872	0	52,794	0	40,716	0	28,910	0	16,854	0	4,789	0		0		0	
1/4	76,699	1/4	64,621	1/4	52,543	1/4	40,464	1/4	28,666	1/4	16,602	1/4	4,540	1/4	1/4		1/4		1/4
1/2	76,447	1/2	64,369	1/2	52,291	1/2	40,213	1/2	28,421	1/2	16,351	1/2	4,291	1/2	1/2		1/2		1/2
3/4	76,196	3/4	64,117	3/4	52,039	3/4	39,961	3/4	28,177	3/4	16,099	3/4	4,042	3/4	3/4		3/4		3/4
1	75,944	1	63,866	1	51,788	1	39,709	1	27,925	1	15,847	1	3,796	1	1		1		1
1/4	75,692	1/4	63,614	1/4	51,536	1/4	39,458	1/4	27,674	1/4	15,596	1/4	3,549	1/4	1/4		1/4		1/4
1/2	75,441	1/2	63,363	1/2	51,284	1/2	39,206	1/2	27,422	1/2	15,344	1/2	3,303	1/2	1/2		1/2		1/2
3/4	75,189	3/4	63,111	3/4	51,033	3/4	38,955	3/4	27,170	3/4	15,092	3/4	3,056	3/4	3/4		3/4		3/4
2	74,938	2	62,859	2	50,781	2	38,703	2	26,919	2	14,841	2	2,826	2	2		2		2
1/4	74,686	1/4	62,608	1/4	50,529	1/4	38,451	1/4	26,667	1/4	14,589	1/4	2,596	1/4	1/4		1/4		1/4
1/2	74,434	1/2	62,356	1/2	50,278	1/2	38,200	1/2	26,415	1/2	14,338	1/2	2,366	1/2	1/2		1/2		1/2
3/4	74,183	3/4	62,104	3/4	50,026	3/4	37,948	3/4	26,164	3/4	14,086	3/4	2,136	3/4	3/4		3/4		3/4
3	73,931	3	61,853	3	49,775	3	37,703	3	25,912	3	13,834	3	1,947	3	3		3		3
1/4	73,679	1/4	61,601	1/4	49,523	1/4	37,459	1/4	25,661	1/4	13,583	1/4	1,759	1/4	1/4		1/4		1/4
1/2	73,428	1/2	61,350	1/2	49,271	1/2	37,214	1/2	25,409	1/2	13,331	1/2	1,570	1/2	1/2		1/2		1/2
3/4	73,176	3/4	61,098	3/4	49,020	3/4	36,970	3/4	25,157	3/4	13,080	3/4	1,381	3/4	3/4		3/4		3/4
4	72,925	4	60,846	4	48,768	4	36,726	4	24,906	4	12,828	4	1,234	4	4		4		4
1/4	72,673	1/4	60,595	1/4	48,516	1/4	36,481	1/4	24,654	1/4	12,576	1/4	1,088	1/4	1/4		1/4		1/4
1/2	72,421	1/2	60,343	1/2	48,265	1/2	36,237	1/2	24,402	1/2	12,325	1/2	941	1/2	1/2		1/2		1/2
3/4	72,170	3/4	60,091	3/4	48,013	3/4	35,993	3/4	24,151	3/4	12,073	3/4	794	3/4	3/4		3/4		3/4
5	71,918	5	59,840	5	47,762	5	35,749	5	23,899	5	11,821	5	689	5	5		5		5
1/4	71,666	1/4	59,588	1/4	47,510	1/4	35,504	1/4	23,648	1/4	11,570	1/4	584	1/4	1/4		1/4		1/4
1/2	71,415	1/2	59,337	1/2	47,258	1/2	35,260	1/2	23,396	1/2	11,318	1/2	480	1/2	1/2		1/2		1/2
3/4	71,163	3/4	59,085	3/4	47,007	3/4	35,016	3/4	23,144	3/4	11,067	3/4	375	3/4	3/4		3/4		3/4
6	70,911	6	58,833	6	46,755	6	34,772	6	22,893	6	10,815	6	312	6	6		6		6
1/4	70,660	1/4	58,582	1/4	46,503	1/4	34,528	1/4	22,641	1/4	10,563	1/4	249	1/4	1/4		1/4		1/4
1/2	70,408	1/2	58,330	1/2	46,252	1/2	34,283	1/2	22,389	1/2	10,312	1/2	186	1/2	1/2		1/2		1/2
3/4	70,157	3/4	58,078	3/4	46,000	3/4	34,039	3/4	22,138	3/4	10,060	3/4	123	3/4	3/4		3/4		3/4
7	69,905	7	57,827	7	45,749	7	33,795	7	21,886	7	9,808	7	102	7	7		7		7
1/4	69,653	1/4	57,575	1/4	45,497	1/4	33,551	1/4	21,635	1/4	9,557	1/4	81	1/4	1/4		1/4		1/4
1/2	69,402	1/2	57,323	1/2	45,245	1/2	33,307	1/2	21,383	1/2	9,305	1/2	60	1/2	1/2		1/2		1/2
3/4	69,150	3/4	57,072	3/4	44,994	3/4	33,062	3/4	21,131	3/4	9,054	3/4	39	3/4	3/4		3/4		3/4
8	68,898	8	56,820	8	44,742	8	32,818	8	20,880	8	8,802	8		8	8		8		8
1/4	68,647	1/4	56,569	1/4	44,490	1/4	32,574	1/4	20,628	1/4	8,550	1/4		1/4	1/4		1/4		1/4
1/2	68,395	1/2	56,317	1/2	44,239	1/2	32,330	1/2	20,377	1/2	8,299	1/2		1/2	1/2		1/2		1/2
3/4	68,144	3/4	56,065	3/4	43,987	3/4	32,086	3/4	20,125	3/4	8,047	3/4		3/4	3/4		3/4		3/4
9	67,892	9	55,814	9	43,736	9	31,841	9	19,873	9	7,796	9		9	9		9		9
1/4	67,640	1/4	55,562	1/4	43,484	1/4	31,597	1/4	19,622	1/4	7,544	1/4		1/4	1/4		1/4		1/4
1/2	67,389	1/2	55,310	1/2	43,232	1/2	31,353	1/2	19,370	1/2	7,293	1/2		1/2	1/2		1/2		1/2
3/4	67,137	3/4	55,059	3/4	42,981	3/4	31,109	3/4	19,118	3/4	7,042	3/4		3/4	3/4		3/4		3/4
10	66,885	10	54,807	10	42,729	10	30,864	10	18,867	10	6,791	10		10	10		10		10
1/4	66,634	1/4	54,556	1/4	42,477	1/4	30,620	1/4	18,615	1/4	6,540	1/4		1/4	1/4		1/4		1/4
1/2	66,382	1/2	54,304	1/2	42,226	1/2	30,376	1/2	18,364	1/2	6,289	1/2		1/2	1/2		1/2		1/2
3/4	66,131	3/4	54,052	3/4	41,974	3/4	30,132	3/4	18,112	3/4	6,038	3/4		3/4	3/4		3/4		3/4
11	65,879	11	53,801	11	41,722	11	29,888	11	17,860	11	5,788	11		11	11		11		11
1/4	65,627	1/4	53,549	1/4	41,471	1/4	29,643	1/4	17,609	1/4	5,538	1/4		1/4	1/4		1/4		1/4
1/2	65,376	1/2	53,297	1/2	41,219	1/2	29,399	1/2	17,357	1/2	5,288	1/2		1/2	1/2		1/2		1/2
3/4	65,124	3/4	53,046	3/4	40,968	3/4	29,155	3/4	17,105	3/4	5,038	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/06/2011 CL - SW  
CALCULATED: 09/06/2011 CL  
PRINTED: 09/06/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2011

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



# BARGE "CBC 1337"

## 3 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	151,789	0	143,689	0	133,014	0	122,317	0	111,582	0	100,848	0	90,113	0	79,378
1/4	1/4	1/4	1/4	1/4	151,774	1/4	143,467	1/4	132,791	1/4	122,093	1/4	111,359	1/4	100,624	1/4	89,890	1/4	79,154
1/2	1/2	1/2	1/2	1/2	151,759	1/2	143,245	1/2	132,569	1/2	121,870	1/2	111,135	1/2	100,401	1/2	89,666	1/2	78,931
3/4	3/4	3/4	3/4	3/4	151,743	3/4	143,022	3/4	132,346	3/4	121,646	3/4	110,912	3/4	100,177	3/4	89,442	3/4	78,707
1		1		1	151,691	1	142,800	1	132,124	1	121,423	1	110,688	1	99,953	1	89,219	1	78,483
1/4	1/4	1/4	1/4	1/4	151,638	1/4	142,577	1/4	131,902	1/4	121,199	1/4	110,464	1/4	99,730	1/4	88,995	1/4	78,260
1/2	1/2	1/2	1/2	1/2	151,586	1/2	142,355	1/2	131,679	1/2	120,975	1/2	110,241	1/2	99,506	1/2	88,771	1/2	78,036
3/4	3/4	3/4	3/4	3/4	151,533	3/4	142,133	3/4	131,457	3/4	120,752	3/4	110,017	3/4	99,282	3/4	88,548	3/4	77,812
2		2		2	151,443	2	141,910	2	131,234	2	120,528	2	109,793	2	99,059	2	88,324	2	77,589
1/4	1/4	1/4	1/4	1/4	151,353	1/4	141,688	1/4	131,012	1/4	120,304	1/4	109,570	1/4	98,835	1/4	88,101	1/4	77,365
1/2	1/2	1/2	1/2	1/2	151,263	1/2	141,465	1/2	130,790	1/2	120,081	1/2	109,346	1/2	98,611	1/2	87,877	1/2	77,141
3/4	3/4	3/4	3/4	3/4	151,174	3/4	141,243	3/4	130,567	3/4	119,857	3/4	109,122	3/4	98,388	3/4	87,653	3/4	76,918
3		3		3	151,046	3	141,020	3	130,345	3	119,633	3	108,899	3	98,164	3	87,430	3	76,694
1/4	1/4	1/4	1/4	1/4	150,919	1/4	140,798	1/4	130,122	1/4	119,410	1/4	108,675	1/4	97,941	1/4	87,206	1/4	76,470
1/2	1/2	1/2	1/2	1/2	150,792	1/2	140,576	1/2	129,900	1/2	119,186	1/2	108,452	1/2	97,717	1/2	86,982	1/2	76,247
3/4	3/4	3/4	3/4	3/4	150,665	3/4	140,353	3/4	129,677	3/4	118,962	3/4	108,228	3/4	97,493	3/4	86,759	3/4	76,023
4		4		4	150,501	4	140,131	4	129,455	4	118,739	4	108,004	4	97,270	4	86,535	4	75,799
1/4	1/4	1/4	1/4	1/4	150,336	1/4	139,908	1/4	129,233	1/4	118,515	1/4	107,781	1/4	97,046	1/4	86,311	1/4	75,576
1/2	1/2	1/2	1/2	1/2	150,172	1/2	139,686	1/2	129,010	1/2	118,292	1/2	107,557	1/2	96,822	1/2	86,088	1/2	75,352
3/4	3/4	3/4	3/4	3/4	150,007	3/4	139,464	3/4	128,788	3/4	118,068	3/4	107,333	3/4	96,599	3/4	85,864	3/4	75,128
5		5		5	149,805	5	139,241	5	128,565	5	117,844	5	107,110	5	96,375	5	85,641	5	74,905
1/4	1/4	1/4	1/4	1/4	149,604	1/4	139,019	1/4	128,343	1/4	117,621	1/4	106,886	1/4	96,151	1/4	85,417	1/4	74,681
1/2	1/2	1/2	1/2	1/2	149,402	1/2	138,796	1/2	128,121	1/2	117,397	1/2	106,662	1/2	95,928	1/2	85,193	1/2	74,457
3/4	3/4	3/4	3/4	3/4	149,200	3/4	138,574	3/4	127,898	3/4	117,173	3/4	106,439	3/4	95,704	3/4	84,970	3/4	74,234
6		6		6	148,980	6	138,352	6	127,676	6	116,950	6	106,215	6	95,481	6	84,746	6	74,010
1/4	1/4	1/4	1/4	1/4	148,760	1/4	138,129	1/4	127,453	1/4	116,726	1/4	105,992	1/4	95,257	1/4	84,522	1/4	73,786
1/2	1/2	1/2	1/2	1/2	148,539	1/2	137,907	1/2	127,231	1/2	116,502	1/2	105,768	1/2	95,033	1/2	84,299	1/2	73,562
3/4	3/4	3/4	3/4	3/4	148,319	3/4	137,684	3/4	127,009	3/4	116,279	3/4	105,544	3/4	94,810	3/4	84,075	3/4	73,339
7		7		7	148,099	7	137,462	7	126,786	7	116,055	7	105,321	7	94,586	7	83,851	7	73,115
1/4	1/4	1/4	1/4	1/4	147,878	1/4	137,239	1/4	126,564	1/4	115,832	1/4	105,097	1/4	94,362	1/4	83,628	1/4	72,891
1/2	1/2	1/2	1/2	1/2	147,658	1/2	137,017	1/2	126,341	1/2	115,608	1/2	104,873	1/2	94,139	1/2	83,404	1/2	72,668
3/4	3/4	3/4	3/4	3/4	147,437	3/4	136,795	3/4	126,119	3/4	115,384	3/4	104,650	3/4	93,915	3/4	83,181	3/4	72,444
8		8		8	147,217	8	136,572	8	125,895	8	115,161	8	104,426	8	93,691	8	82,957	8	72,220
1/4	1/4	1/4	1/4	1/4	146,997	1/4	136,350	1/4	125,672	1/4	114,937	1/4	104,202	1/4	93,468	1/4	82,733	1/4	71,997
1/2	1/2	1/2	1/2	1/2	146,776	1/2	136,127	1/2	125,448	1/2	114,713	1/2	103,979	1/2	93,244	1/2	82,509	1/2	71,773
3/4	3/4	3/4	3/4	3/4	146,556	3/4	135,905	3/4	125,224	3/4	114,490	3/4	103,755	3/4	93,021	3/4	82,286	3/4	71,549
9		9		9	146,336	9	135,683	9	125,001	9	114,266	9	103,532	9	92,797	9	82,062	9	71,326
1/4	1/4	1/4	1/4	1/4	146,115	1/4	135,460	1/4	124,777	1/4	114,042	1/4	103,308	1/4	92,573	1/4	81,838	1/4	71,102
1/2	1/2	1/2	1/2	1/2	145,895	1/2	135,238	1/2	124,553	1/2	113,819	1/2	103,084	1/2	92,350	1/2	81,615	1/2	70,878
3/4	3/4	3/4	3/4	3/4	145,675	3/4	135,015	3/4	124,330	3/4	113,595	3/4	102,861	3/4	92,126	3/4	81,391	3/4	70,655
10		10		10	145,454	10	134,793	10	124,106	10	113,372	10	102,637	10	91,902	10	81,167	10	70,431
1/4	1/4	1/4	1/4	1/4	145,234	1/4	134,571	1/4	123,883	1/4	113,148	1/4	102,413	1/4	91,679	1/4	80,944	1/4	70,207
1/2	1/2	1/2	1/2	1/2	145,014	1/2	134,348	1/2	123,659	1/2	112,924	1/2	102,190	1/2	91,455	1/2	80,720	1/2	69,984
3/4	3/4	3/4	3/4	3/4	144,793	3/4	134,126	3/4	123,435	3/4	112,701	3/4	101,966	3/4	91,231	3/4	80,496	3/4	69,760
11		11		11	144,573	11	133,903	11	123,212	11	112,477	11	101,742	11	91,008	11	80,273	11	69,536
1/4	1/4	1/4	1/4	1/4	144,353	1/4	133,681	1/4	122,988	1/4	112,253	1/4	101,519	1/4	90,784	1/4	80,049	1/4	69,313
1/2	1/2	1/2	1/2	1/2	144,132	1/2	133,458	1/2	122,764	1/2	112,030	1/2	101,295	1/2	90,561	1/2	79,825	1/2	69,089
3/4	11 3/4	11 3/4	11 3/4	11 3/4	151,805	11 3/4	143,912	11 3/4	133,236	11 3/4	122,541	11 3/4	111,806	11 3/4	101,072	11 3/4	90,337	11 3/4	79,602

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1337"

## 3 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	68,642	0	57,905	0	47,169	0	36,432	0	25,719	0	14,986	0	4,261	0		0		0	
1/4	68,418	1/4	57,682	1/4	46,945	1/4	36,209	1/4	25,496	1/4	14,762	1/4	4,040	1/4	1/4	1/4		1/4	1/4
1/2	68,194	1/2	57,458	1/2	46,721	1/2	35,985	1/2	25,273	1/2	14,539	1/2	3,819	1/2	1/2	1/2		1/2	1/2
3/4	67,971	3/4	57,234	3/4	46,498	3/4	35,761	3/4	25,049	3/4	14,315	3/4	3,598	3/4	3/4	3/4		3/4	3/4
1	67,747	1	57,011	1	46,274	1	35,538	1	24,826	1	14,091	1	3,379	1	1	1		1	1
1/4	67,523	1/4	56,787	1/4	46,050	1/4	35,314	1/4	24,603	1/4	13,868	1/4	3,159	1/4	1/4	1/4		1/4	1/4
1/2	67,300	1/2	56,563	1/2	45,827	1/2	35,090	1/2	24,379	1/2	13,644	1/2	2,940	1/2	1/2	1/2		1/2	1/2
3/4	67,076	3/4	56,339	3/4	45,603	3/4	34,867	3/4	24,156	3/4	13,420	3/4	2,721	3/4	3/4	3/4		3/4	3/4
2	66,852	2	56,116	2	45,379	2	34,643	2	23,932	2	13,197	2	2,516	2	2	2		2	2
1/4	66,629	1/4	55,892	1/4	45,156	1/4	34,419	1/4	23,709	1/4	12,973	1/4	2,312	1/4	1/4	1/4		1/4	1/4
1/2	66,405	1/2	55,668	1/2	44,932	1/2	34,196	1/2	23,485	1/2	12,749	1/2	2,108	1/2	1/2	1/2		1/2	1/2
3/4	66,181	3/4	55,445	3/4	44,708	3/4	33,972	3/4	23,261	3/4	12,526	3/4	1,903	3/4	3/4	3/4		3/4	3/4
3	65,958	3	55,221	3	44,485	3	33,748	3	23,038	3	12,302	3	1,735	3	3	3		3	3
1/4	65,734	1/4	54,997	1/4	44,261	1/4	33,525	1/4	22,814	1/4	12,078	1/4	1,568	1/4	1/4	1/4		1/4	1/4
1/2	65,510	1/2	54,774	1/2	44,037	1/2	33,301	1/2	22,591	1/2	11,855	1/2	1,400	1/2	1/2	1/2		1/2	1/2
3/4	65,286	3/4	54,550	3/4	43,814	3/4	33,077	3/4	22,367	3/4	11,631	3/4	1,232	3/4	3/4	3/4		3/4	3/4
4	65,063	4	54,326	4	43,590	4	32,854	4	22,143	4	11,407	4	1,102	4	4	4		4	4
1/4	64,839	1/4	54,103	1/4	43,366	1/4	32,631	1/4	21,920	1/4	11,184	1/4	971	1/4	1/4	1/4		1/4	1/4
1/2	64,615	1/2	53,879	1/2	43,143	1/2	32,408	1/2	21,696	1/2	10,960	1/2	841	1/2	1/2	1/2		1/2	1/2
3/4	64,392	3/4	53,655	3/4	42,919	3/4	32,185	3/4	21,472	3/4	10,736	3/4	710	3/4	3/4	3/4		3/4	3/4
5	64,168	5	53,432	5	42,695	5	31,962	5	21,249	5	10,513	5	617	5	5	5		5	5
1/4	63,944	1/4	53,208	1/4	42,472	1/4	31,740	1/4	21,025	1/4	10,289	1/4	524	1/4	1/4	1/4		1/4	1/4
1/2	63,721	1/2	52,984	1/2	42,248	1/2	31,517	1/2	20,801	1/2	10,065	1/2	431	1/2	1/2	1/2		1/2	1/2
3/4	63,497	3/4	52,761	3/4	42,024	3/4	31,294	3/4	20,578	3/4	9,842	3/4	338	3/4	3/4	3/4		3/4	3/4
6	63,273	6	52,537	6	41,801	6	31,071	6	20,354	6	9,618	6	282	6	6	6		6	6
1/4	63,050	1/4	52,313	1/4	41,577	1/4	30,848	1/4	20,130	1/4	9,394	1/4	226	1/4	1/4	1/4		1/4	1/4
1/2	62,826	1/2	52,090	1/2	41,353	1/2	30,625	1/2	19,907	1/2	9,171	1/2	170	1/2	1/2	1/2		1/2	1/2
3/4	62,602	3/4	51,866	3/4	41,130	3/4	30,402	3/4	19,683	3/4	8,947	3/4	114	3/4	3/4	3/4		3/4	3/4
7	62,379	7	51,642	7	40,906	7	30,179	7	19,459	7	8,723	7	95	7	7	7		7	7
1/4	62,155	1/4	51,419	1/4	40,682	1/4	29,956	1/4	19,236	1/4	8,500	1/4	77	1/4	1/4	1/4		1/4	1/4
1/2	61,931	1/2	51,195	1/2	40,459	1/2	29,733	1/2	19,012	1/2	8,276	1/2	58	1/2	1/2	1/2		1/2	1/2
3/4	61,708	3/4	50,971	3/4	40,235	3/4	29,510	3/4	18,788	3/4	8,052	3/4	39	3/4	3/4	3/4		3/4	3/4
8	61,484	8	50,748	8	40,011	8	29,287	8	18,565	8	7,829	8		8	8	8		8	8
1/4	61,260	1/4	50,524	1/4	39,788	1/4	29,064	1/4	18,341	1/4	7,605	1/4		1/4	1/4	1/4		1/4	1/4
1/2	61,037	1/2	50,300	1/2	39,564	1/2	28,841	1/2	18,117	1/2	7,381	1/2		1/2	1/2	1/2		1/2	1/2
3/4	60,813	3/4	50,077	3/4	39,340	3/4	28,618	3/4	17,894	3/4	7,158	3/4		3/4	3/4	3/4		3/4	3/4
9	60,589	9	49,853	9	39,116	9	28,395	9	17,670	9	6,934	9		9	9	9		9	9
1/4	60,366	1/4	49,629	1/4	38,893	1/4	28,172	1/4	17,446	1/4	6,711	1/4		1/4	1/4	1/4		1/4	1/4
1/2	60,142	1/2	49,406	1/2	38,669	1/2	27,949	1/2	17,223	1/2	6,487	1/2		1/2	1/2	1/2		1/2	1/2
3/4	59,918	3/4	49,182	3/4	38,445	3/4	27,726	3/4	16,999	3/4	6,264	3/4		3/4	3/4	3/4		3/4	3/4
10	59,695	10	48,958	10	38,222	10	27,503	10	16,775	10	6,041	10		10	10	10		10	10
1/4	59,471	1/4	48,735	1/4	37,998	1/4	27,280	1/4	16,552	1/4	5,818	1/4		1/4	1/4	1/4		1/4	1/4
1/2	59,247	1/2	48,511	1/2	37,774	1/2	27,057	1/2	16,328	1/2	5,595	1/2		1/2	1/2	1/2		1/2	1/2
3/4	59,024	3/4	48,287	3/4	37,551	3/4	26,834	3/4	16,104	3/4	5,372	3/4		3/4	3/4	3/4		3/4	3/4
11	58,800	11	48,064	11	37,327	11	26,612	11	15,881	11	5,149	11		11	11	11		11	11
1/4	58,576	1/4	47,840	1/4	37,103	1/4	26,389	1/4	15,657	1/4	4,927	1/4		1/4	1/4	1/4		1/4	1/4
1/2	58,353	1/2	47,616	1/2	36,880	1/2	26,166	1/2	15,433	1/2	4,705	1/2		1/2	1/2	1/2		1/2	1/2
3/4	58,129	3/4	47,392	3/4	36,656	3/4	25,943	3/4	15,210	3/4	4,482	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/06/2011 CL - SW  
CALCULATED: 09/06/2011 CL  
PRINTED: 09/06/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2011

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