



BARGE "CBC 1340"

ULLAGE TRIM TABLE

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

(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 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

November 21, 2011

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1340"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	147,329	0	139,300	0	129,872	0	120,423	0	110,960	0	100,304	0	89,531	0	78,758		
1/4	1/4	1/4	147,275	1/4	139,103	1/4	129,676	1/4	120,226	1/4	110,763	1/4	100,079	1/4	89,307	1/4	78,534		
1/2	1/2	1/2	147,222	1/2	138,906	1/2	129,480	1/2	120,028	1/2	110,566	1/2	99,855	1/2	89,082	1/2	78,309		
3/4	3/4	3/4	147,168	3/4	138,710	3/4	129,284	3/4	119,831	3/4	110,369	3/4	99,630	3/4	88,858	3/4	78,085		
1	1	1	147,114	1	138,513	1	129,088	1	119,634	1	110,172	1	99,406	1	88,634	1	77,861		
1/4	1/4	1/4	147,023	1/4	138,316	1/4	128,891	1/4	119,437	1/4	109,948	1/4	99,181	1/4	88,409	1/4	77,636		
1/2	1/2	1/2	146,932	1/2	138,119	1/2	128,695	1/2	119,239	1/2	109,724	1/2	98,957	1/2	88,185	1/2	77,412		
3/4	3/4	3/4	146,841	3/4	137,923	3/4	128,498	3/4	119,042	3/4	109,500	3/4	98,733	3/4	87,960	3/4	77,187		
2	2	2	146,750	2	137,726	2	128,301	2	118,845	2	109,276	2	98,508	2	87,736	2	76,963		
1/4	1/4	1/4	146,622	1/4	137,529	1/4	128,105	1/4	118,648	1/4	109,051	1/4	98,284	1/4	87,512	1/4	76,739		
1/2	1/2	1/2	146,493	1/2	137,333	1/2	127,908	1/2	118,451	1/2	108,827	1/2	98,059	1/2	87,287	1/2	76,515		
3/4	3/4	3/4	146,364	3/4	137,136	3/4	127,711	3/4	118,253	3/4	108,603	3/4	97,835	3/4	87,063	3/4	76,292		
3	3	3	146,236	3	136,939	3	127,514	3	118,056	3	108,379	3	97,611	3	86,838	3	76,068		
1/4	1/4	1/4	146,070	1/4	136,743	1/4	127,318	1/4	117,859	1/4	108,155	1/4	97,386	1/4	86,614	1/4	75,845		
1/2	1/2	1/2	145,904	1/2	136,546	1/2	127,121	1/2	117,662	1/2	107,930	1/2	97,162	1/2	86,389	1/2	75,622		
3/4	3/4	3/4	145,738	3/4	136,349	3/4	126,924	3/4	117,464	3/4	107,706	3/4	96,937	3/4	86,165	3/4	75,399		
4	4	4	145,572	4	136,152	4	126,728	4	117,267	4	107,482	4	96,713	4	85,941	4	75,176		
1/4	1/4	1/4	145,368	1/4	135,956	1/4	126,531	1/4	117,070	1/4	107,258	1/4	96,488	1/4	85,716	1/4	74,953		
1/2	1/2	1/2	145,165	1/2	135,759	1/2	126,334	1/2	116,873	1/2	107,034	1/2	96,264	1/2	85,492	1/2	74,730		
3/4	3/4	3/4	144,961	3/4	135,562	3/4	126,138	3/4	116,675	3/4	106,810	3/4	96,040	3/4	85,267	3/4	74,507		
5	5	5	144,758	5	135,366	5	125,941	5	116,478	5	106,585	5	95,815	5	85,043	5	74,284		
1/4	1/4	1/4	144,563	1/4	135,169	1/4	125,744	1/4	116,281	1/4	106,361	1/4	95,591	1/4	84,818	1/4	74,061		
1/2	1/2	1/2	144,368	1/2	134,972	1/2	125,547	1/2	116,084	1/2	106,137	1/2	95,366	1/2	84,594	1/2	73,838		
3/4	3/4	3/4	144,174	3/4	134,776	3/4	125,351	3/4	115,887	3/4	105,913	3/4	95,142	3/4	84,370	3/4	73,615		
6	6	6	143,979	6	134,579	6	125,154	6	115,689	6	105,689	6	94,917	6	84,145	6	73,392		
1/4	1/4	1/4	143,784	1/4	134,382	1/4	124,957	1/4	115,492	1/4	105,465	1/4	94,693	1/4	83,921	1/4	73,169		
1/2	1/2	1/2	143,590	1/2	134,185	1/2	124,761	1/2	115,295	1/2	105,240	1/2	94,469	1/2	83,696	1/2	72,946		
3/4	3/4	3/4	143,395	3/4	133,989	3/4	124,564	3/4	115,098	3/4	105,016	3/4	94,244	3/4	83,472	3/4	72,723		
7	7	7	143,201	7	133,792	7	124,367	7	114,900	7	104,792	7	94,020	7	83,247	7	72,500		
1/4	1/4	1/4	143,006	1/4	133,596	1/4	124,170	1/4	114,703	1/4	104,568	1/4	93,795	1/4	83,023	1/4	72,277		
1/2	1/2	1/2	142,811	1/2	133,400	1/2	123,973	1/2	114,506	1/2	104,343	1/2	93,571	1/2	82,799	1/2	72,054		
3/4	3/4	3/4	142,617	3/4	133,204	3/4	123,776	3/4	114,309	3/4	104,119	3/4	93,346	3/4	82,574	3/4	71,831		
8	8	8	142,422	8	133,008	8	123,578	8	114,112	8	103,894	8	93,122	8	82,350	8	71,608		
1/4	1/4	1/4	142,227	1/4	132,812	1/4	123,381	1/4	113,915	1/4	103,670	1/4	92,898	1/4	82,125	1/4	71,385		
1/2	1/2	1/2	142,033	1/2	132,616	1/2	123,184	1/2	113,718	1/2	103,446	1/2	92,673	1/2	81,901	1/2	71,162		
3/4	3/4	3/4	141,838	3/4	132,420	3/4	122,987	3/4	113,521	3/4	103,221	3/4	92,449	3/4	81,676	3/4	70,939		
9	9	9	141,644	9	132,224	9	122,789	9	113,324	9	102,997	9	92,224	9	81,452	9	70,716		
1/4	1/4	1/4	141,449	1/4	132,028	1/4	122,592	1/4	113,127	1/4	102,772	1/4	92,000	1/4	81,227	1/4	70,493		
1/2	1/2	1/2	141,254	1/2	131,832	1/2	122,395	1/2	112,930	1/2	102,548	1/2	91,776	1/2	81,003	1/2	70,270		
3/4	3/4	3/4	141,060	3/4	131,636	3/4	122,198	3/4	112,733	3/4	102,323	3/4	91,551	3/4	80,778	3/4	70,047		
10	10	10	140,865	10	131,440	10	122,001	10	112,536	10	102,099	10	91,327	10	80,554	10	69,824		
1/4	1/4	1/4	140,670	1/4	131,244	1/4	121,803	1/4	112,339	1/4	101,875	1/4	91,102	1/4	80,330	1/4	69,600		
1/2	1/2	1/2	140,476	1/2	131,048	1/2	121,606	1/2	112,142	1/2	101,650	1/2	90,878	1/2	80,105	1/2	69,376		
3/4	3/4	3/4	140,281	3/4	130,852	3/4	121,409	3/4	111,945	3/4	101,426	3/4	90,653	3/4	79,881	3/4	69,153		
11	11	11	147,393	11	140,087	11	130,656	11	121,212	11	111,748	11	101,201	11	90,429	11	79,656	11	68,929
1/4	1/4	1/4	147,377	1/4	139,890	1/4	130,460	1/4	121,014	1/4	111,551	1/4	100,977	1/4	90,205	1/4	79,432	1/4	68,705
1/2	1/2	1/2	147,361	1/2	139,693	1/2	130,264	1/2	120,817	1/2	111,354	1/2	100,752	1/2	89,980	1/2	79,207	1/2	68,481
3/4	3/4	3/4	147,345	3/4	139,496	3/4	130,068	3/4	120,620	3/4	111,157	3/4	100,528	3/4	89,756	3/4	78,983	3/4	68,257

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 28'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1340"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,034	0	57,267	0	46,498	0	35,729	0	25,168	0	14,395	0	3,617	0		0		0	
1/4	67,810	1/4	57,043	1/4	46,274	1/4	35,505	1/4	24,949	1/4	14,170	1/4	3,397	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,586	1/2	56,818	1/2	46,049	1/2	35,280	1/2	24,730	1/2	13,945	1/2	3,176	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,362	3/4	56,594	3/4	45,825	3/4	35,056	3/4	24,511	3/4	13,720	3/4	2,956	3/4	3/4	3/4	3/4	3/4	3/4
1	67,139	1	56,370	1	45,601	1	34,832	1	24,292	1	13,496	1	2,736	1	1	1	1	1	1
1/4	66,914	1/4	56,145	1/4	45,376	1/4	34,607	1/4	24,067	1/4	13,271	1/4	2,530	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,690	1/2	55,921	1/2	45,152	1/2	34,383	1/2	23,843	1/2	13,046	1/2	2,324	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,466	3/4	55,697	3/4	44,928	3/4	34,159	3/4	23,618	3/4	12,821	3/4	2,119	3/4	3/4	3/4	3/4	3/4	3/4
2	66,241	2	55,472	2	44,703	2	33,934	2	23,393	2	12,596	2	1,913	2	2	2	2	2	2
1/4	66,017	1/4	55,248	1/4	44,479	1/4	33,710	1/4	23,168	1/4	12,371	1/4	1,745	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,793	1/2	55,024	1/2	44,255	1/2	33,486	1/2	22,943	1/2	12,146	1/2	1,576	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,568	3/4	54,799	3/4	44,030	3/4	33,261	3/4	22,718	3/4	11,921	3/4	1,407	3/4	3/4	3/4	3/4	3/4	3/4
3	65,344	3	54,575	3	43,806	3	33,037	3	22,493	3	11,696	3	1,239	3	3	3	3	3	3
1/4	65,119	1/4	54,351	1/4	43,582	1/4	32,818	1/4	22,268	1/4	11,471	1/4	1,107	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,895	1/2	54,126	1/2	43,357	1/2	32,600	1/2	22,043	1/2	11,246	1/2	976	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,671	3/4	53,902	3/4	43,133	3/4	32,381	3/4	21,818	3/4	11,021	3/4	845	3/4	3/4	3/4	3/4	3/4	3/4
4	64,446	4	53,677	4	42,908	4	32,163	4	21,593	4	10,796	4	714	4	4	4	4	4	4
1/4	64,222	1/4	53,453	1/4	42,684	1/4	31,944	1/4	21,368	1/4	10,571	1/4	620	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,998	1/2	53,229	1/2	42,460	1/2	31,726	1/2	21,143	1/2	10,346	1/2	526	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,773	3/4	53,004	3/4	42,235	3/4	31,507	3/4	20,918	3/4	10,121	3/4	433	3/4	3/4	3/4	3/4	3/4	3/4
5	63,549	5	52,780	5	42,011	5	31,289	5	20,693	5	9,897	5	339	5	5	5	5	5	5
1/4	63,325	1/4	52,556	1/4	41,787	1/4	31,070	1/4	20,469	1/4	9,672	1/4	283	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,100	1/2	52,331	1/2	41,562	1/2	30,852	1/2	20,244	1/2	9,447	1/2	227	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,876	3/4	52,107	3/4	41,338	3/4	30,633	3/4	20,019	3/4	9,222	3/4	170	3/4	3/4	3/4	3/4	3/4	3/4
6	62,652	6	51,883	6	41,114	6	30,415	6	19,794	6	8,997	6	114	6	6	6	6	6	6
1/4	62,427	1/4	51,658	1/4	40,889	1/4	30,196	1/4	19,569	1/4	8,772	1/4	95	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,203	1/2	51,434	1/2	40,665	1/2	29,977	1/2	19,344	1/2	8,547	1/2	77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,979	3/4	51,210	3/4	40,441	3/4	29,759	3/4	19,119	3/4	8,322	3/4	58	3/4	3/4	3/4	3/4	3/4	3/4
7	61,754	7	50,985	7	40,216	7	29,540	7	18,894	7	8,097	7	39	7	7	7	7	7	7
1/4	61,530	1/4	50,761	1/4	39,992	1/4	29,322	1/4	18,669	1/4	7,872	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,305	1/2	50,537	1/2	39,768	1/2	29,103	1/2	18,444	1/2	7,647	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,081	3/4	50,312	3/4	39,543	3/4	28,885	3/4	18,219	3/4	7,422	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	60,857	8	50,088	8	39,319	8	28,666	8	17,994	8	7,197	8	8	8	8	8	8	8	8
1/4	60,632	1/4	49,863	1/4	39,094	1/4	28,448	1/4	17,769	1/4	6,973	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,408	1/2	49,639	1/2	38,870	1/2	28,229	1/2	17,544	1/2	6,748	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,184	3/4	49,415	3/4	38,646	3/4	28,011	3/4	17,319	3/4	6,523	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	59,959	9	49,190	9	38,421	9	27,792	9	17,094	9	6,298	9	9	9	9	9	9	9	9
1/4	59,735	1/4	48,966	1/4	38,197	1/4	27,574	1/4	16,870	1/4	6,074	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,511	1/2	48,742	1/2	37,973	1/2	27,355	1/2	16,645	1/2	5,850	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,286	3/4	48,517	3/4	37,748	3/4	27,136	3/4	16,420	3/4	5,626	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,062	10	48,293	10	37,524	10	26,918	10	16,195	10	5,401	10	10	10	10	10	10	10	10
1/4	58,838	1/4	48,069	1/4	37,300	1/4	26,699	1/4	15,970	1/4	5,178	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,613	1/2	47,844	1/2	37,075	1/2	26,481	1/2	15,745	1/2	4,954	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,389	3/4	47,620	3/4	36,851	3/4	26,262	3/4	15,520	3/4	4,731	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,165	11	47,396	11	36,627	11	26,044	11	15,295	11	4,507	11	11	11	11	11	11	11	11
1/4	57,940	1/4	47,171	1/4	36,402	1/4	25,825	1/4	15,070	1/4	4,285	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,716	1/2	46,947	1/2	36,178	1/2	25,606	1/2	14,845	1/2	4,062	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,491	3/4	46,722	3/4	35,954	3/4	25,387	3/4	14,620	3/4	3,840	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2011 CL - SW
CALCULATED: 11/21/2011 CL
PRINTED: 11/22/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2011

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



BARGE "CBC 1340"

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	0	0	170,481	0	161,370	0	149,361	0	137,329	0	125,253	0	113,178	0	101,102	0	89,026
1/4	1/4	1/4	1/4	1/4	170,464	1/4	161,120	1/4	149,111	1/4	137,077	1/4	125,002	1/4	112,926	1/4	100,850	1/4	88,774
1/2	1/2	1/2	1/2	1/2	170,446	1/2	160,869	1/2	148,861	1/2	136,826	1/2	124,750	1/2	112,674	1/2	100,599	1/2	88,522
3/4	3/4	3/4	3/4	3/4	170,429	3/4	160,619	3/4	148,611	3/4	136,574	3/4	124,499	3/4	112,423	3/4	100,347	3/4	88,271
1	1	1	1	1	170,370	1	160,369	1	148,360	1	136,323	1	124,247	1	112,171	1	100,096	1	88,019
1/4	1/4	1/4	1/4	1/4	170,311	1/4	160,119	1/4	148,110	1/4	136,071	1/4	123,995	1/4	111,920	1/4	99,844	1/4	87,767
1/2	1/2	1/2	1/2	1/2	170,252	1/2	159,869	1/2	147,860	1/2	135,819	1/2	123,744	1/2	111,668	1/2	99,592	1/2	87,516
3/4	3/4	3/4	3/4	3/4	170,193	3/4	159,618	3/4	147,610	3/4	135,568	3/4	123,492	3/4	111,417	3/4	99,341	3/4	87,264
2	2	2	2	2	170,091	2	159,368	2	147,360	2	135,316	2	123,241	2	111,165	2	99,089	2	87,013
1/4	1/4	1/4	1/4	1/4	169,990	1/4	159,118	1/4	147,110	1/4	135,065	1/4	122,989	1/4	110,913	1/4	98,838	1/4	86,761
1/2	1/2	1/2	1/2	1/2	169,889	1/2	158,868	1/2	146,859	1/2	134,813	1/2	122,737	1/2	110,662	1/2	98,586	1/2	86,509
3/4	3/4	3/4	3/4	3/4	169,788	3/4	158,618	3/4	146,609	3/4	134,562	3/4	122,486	3/4	110,410	3/4	98,335	3/4	86,258
3	3	3	3	3	169,645	3	158,368	3	146,359	3	134,310	3	122,234	3	110,159	3	98,083	3	86,006
1/4	1/4	1/4	1/4	1/4	169,502	1/4	158,117	1/4	146,109	1/4	134,058	1/4	121,983	1/4	109,907	1/4	97,831	1/4	85,754
1/2	1/2	1/2	1/2	1/2	169,359	1/2	157,867	1/2	145,859	1/2	133,807	1/2	121,731	1/2	109,656	1/2	97,580	1/2	85,503
3/4	3/4	3/4	3/4	3/4	169,216	3/4	157,617	3/4	145,609	3/4	133,555	3/4	121,480	3/4	109,404	3/4	97,328	3/4	85,251
4	4	4	4	4	169,031	4	157,367	4	145,358	4	133,304	4	121,228	4	109,152	4	97,077	4	85,000
1/4	1/4	1/4	1/4	1/4	168,846	1/4	157,117	1/4	145,108	1/4	133,052	1/4	120,976	1/4	108,901	1/4	96,825	1/4	84,748
1/2	1/2	1/2	1/2	1/2	168,661	1/2	156,867	1/2	144,858	1/2	132,801	1/2	120,725	1/2	108,649	1/2	96,574	1/2	84,496
3/4	3/4	3/4	3/4	3/4	168,476	3/4	156,616	3/4	144,608	3/4	132,549	3/4	120,473	3/4	108,398	3/4	96,322	3/4	84,245
5	5	5	5	5	168,249	5	156,366	5	144,358	5	132,297	5	120,222	5	108,146	5	96,070	5	83,993
1/4	1/4	1/4	1/4	1/4	168,022	1/4	156,116	1/4	144,107	1/4	132,046	1/4	119,970	1/4	107,894	1/4	95,819	1/4	83,742
1/2	1/2	1/2	1/2	1/2	167,796	1/2	155,866	1/2	143,857	1/2	131,794	1/2	119,719	1/2	107,643	1/2	95,567	1/2	83,490
3/4	3/4	3/4	3/4	3/4	167,569	3/4	155,616	3/4	143,607	3/4	131,543	3/4	119,467	3/4	107,391	3/4	95,316	3/4	83,238
6	6	6	6	6	167,321	6	155,365	6	143,357	6	131,291	6	119,215	6	107,140	6	95,064	6	82,987
1/4	1/4	1/4	1/4	1/4	167,073	1/4	155,115	1/4	143,107	1/4	131,039	1/4	118,964	1/4	106,888	1/4	94,813	1/4	82,735
1/2	1/2	1/2	1/2	1/2	166,825	1/2	154,865	1/2	142,857	1/2	130,788	1/2	118,712	1/2	106,637	1/2	94,561	1/2	82,483
3/4	3/4	3/4	3/4	3/4	166,577	3/4	154,615	3/4	142,606	3/4	130,536	3/4	118,461	3/4	106,385	3/4	94,309	3/4	82,232
7	7	7	7	7	166,329	7	154,365	7	142,356	7	130,285	7	118,209	7	106,133	7	94,058	7	81,980
1/4	1/4	1/4	1/4	1/4	166,081	1/4	154,115	1/4	142,106	1/4	130,033	1/4	117,958	1/4	105,882	1/4	93,806	1/4	81,729
1/2	1/2	1/2	1/2	1/2	165,834	1/2	153,864	1/2	141,856	1/2	129,782	1/2	117,706	1/2	105,630	1/2	93,555	1/2	81,477
3/4	3/4	3/4	3/4	3/4	165,586	3/4	153,614	3/4	141,606	3/4	129,530	3/4	117,454	3/4	105,379	3/4	93,303	3/4	81,225
8	8	8	8	8	165,338	8	153,364	8	141,354	8	129,278	8	117,203	8	105,127	8	93,051	8	80,974
1/4	1/4	1/4	1/4	1/4	165,090	1/4	153,114	1/4	141,103	1/4	129,027	1/4	116,951	1/4	104,876	1/4	92,800	1/4	80,722
1/2	1/2	1/2	1/2	1/2	164,842	1/2	152,864	1/2	140,851	1/2	128,775	1/2	116,700	1/2	104,624	1/2	92,548	1/2	80,470
3/4	3/4	3/4	3/4	3/4	164,594	3/4	152,613	3/4	140,599	3/4	128,524	3/4	116,448	3/4	104,372	3/4	92,297	3/4	80,219
9	9	9	9	9	164,346	9	152,363	9	140,348	9	128,272	9	116,196	9	104,121	9	92,045	9	79,967
1/4	1/4	1/4	1/4	1/4	164,099	1/4	152,113	1/4	140,096	1/4	128,021	1/4	115,945	1/4	103,869	1/4	91,793	1/4	79,716
1/2	1/2	1/2	1/2	1/2	163,851	1/2	151,863	1/2	139,845	1/2	127,769	1/2	115,693	1/2	103,618	1/2	91,542	1/2	79,464
3/4	3/4	3/4	3/4	3/4	163,603	3/4	151,613	3/4	139,593	3/4	127,517	3/4	115,442	3/4	103,366	3/4	91,290	3/4	79,212
10	10	10	10	10	163,355	10	151,363	10	139,341	10	127,266	10	115,190	10	103,115	10	91,038	10	78,961
1/4	1/4	1/4	1/4	1/4	163,107	1/4	151,112	1/4	139,090	1/4	127,014	1/4	114,939	1/4	102,863	1/4	90,787	1/4	78,709
1/2	1/2	1/2	1/2	1/2	162,859	1/2	150,862	1/2	138,838	1/2	126,763	1/2	114,687	1/2	102,611	1/2	90,535	1/2	78,458
3/4	3/4	3/4	3/4	3/4	162,611	3/4	150,612	3/4	138,587	3/4	126,511	3/4	114,435	3/4	102,360	3/4	90,284	3/4	78,206
11	11	11	11	11	162,363	11	150,362	11	138,335	11	126,260	11	114,184	11	102,108	11	90,032	11	77,954
1/4	1/4	1/4	1/4	1/4	162,116	1/4	150,112	1/4	138,084	1/4	126,008	1/4	113,932	1/4	101,857	1/4	89,780	1/4	77,703
1/2	1/2	1/2	1/2	1/2	161,868	1/2	149,862	1/2	137,832	1/2	125,756	1/2	113,681	1/2	101,605	1/2	89,529	1/2	77,451
3/4	3/4	3/4	3/4	3/4	170,498	3/4	161,620	3/4	149,611	3/4	137,580	3/4	125,505	3/4	113,429	3/4	101,354	3/4	89,277

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 31'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1340"

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	76,948	0	64,870	0	52,792	0	40,715	0	28,910	0	16,853	0	4,789	0		0		0	
1/4	76,696	1/4	64,618	1/4	52,541	1/4	40,463	1/4	28,665	1/4	16,602	1/4	4,540	1/4	1/4		1/4		1/4
1/2	76,445	1/2	64,367	1/2	52,289	1/2	40,211	1/2	28,420	1/2	16,350	1/2	4,291	1/2	1/2		1/2		1/2
3/4	76,193	3/4	64,115	3/4	52,037	3/4	39,960	3/4	28,176	3/4	16,099	3/4	4,043	3/4	3/4		3/4		3/4
1	75,941	1	63,864	1	51,786	1	39,708	1	27,924	1	15,847	1	3,796	1	1		1		1
1/4	75,690	1/4	63,612	1/4	51,534	1/4	39,456	1/4	27,673	1/4	15,595	1/4	3,549	1/4	1/4		1/4		1/4
1/2	75,438	1/2	63,360	1/2	51,283	1/2	39,205	1/2	27,421	1/2	15,344	1/2	3,303	1/2	1/2		1/2		1/2
3/4	75,186	3/4	63,109	3/4	51,031	3/4	38,953	3/4	27,169	3/4	15,092	3/4	3,056	3/4	3/4		3/4		3/4
2	74,935	2	62,857	2	50,779	2	38,702	2	26,918	2	14,841	2	2,826	2	2		2		2
1/4	74,683	1/4	62,605	1/4	50,528	1/4	38,450	1/4	26,666	1/4	14,589	1/4	2,596	1/4	1/4		1/4		1/4
1/2	74,432	1/2	62,354	1/2	50,276	1/2	38,198	1/2	26,415	1/2	14,337	1/2	2,366	1/2	1/2		1/2		1/2
3/4	74,180	3/4	62,102	3/4	50,024	3/4	37,947	3/4	26,163	3/4	14,086	3/4	2,136	3/4	3/4		3/4		3/4
3	73,928	3	61,851	3	49,773	3	37,702	3	25,911	3	13,834	3	1,947	3	3		3		3
1/4	73,677	1/4	61,599	1/4	49,521	1/4	37,458	1/4	25,660	1/4	13,582	1/4	1,759	1/4	1/4		1/4		1/4
1/2	73,425	1/2	61,347	1/2	49,270	1/2	37,213	1/2	25,408	1/2	13,331	1/2	1,570	1/2	1/2		1/2		1/2
3/4	73,173	3/4	61,096	3/4	49,018	3/4	36,968	3/4	25,157	3/4	13,079	3/4	1,381	3/4	3/4		3/4		3/4
4	72,922	4	60,844	4	48,766	4	36,724	4	24,905	4	12,828	4	1,235	4	4		4		4
1/4	72,670	1/4	60,593	1/4	48,515	1/4	36,480	1/4	24,653	1/4	12,576	1/4	1,088	1/4	1/4		1/4		1/4
1/2	72,419	1/2	60,341	1/2	48,263	1/2	36,236	1/2	24,402	1/2	12,324	1/2	941	1/2	1/2		1/2		1/2
3/4	72,167	3/4	60,089	3/4	48,012	3/4	35,992	3/4	24,150	3/4	12,073	3/4	794	3/4	3/4		3/4		3/4
5	71,915	5	59,838	5	47,760	5	35,747	5	23,898	5	11,821	5	689	5	5		5		5
1/4	71,664	1/4	59,586	1/4	47,508	1/4	35,503	1/4	23,647	1/4	11,570	1/4	585	1/4	1/4		1/4		1/4
1/2	71,412	1/2	59,334	1/2	47,257	1/2	35,259	1/2	23,395	1/2	11,318	1/2	480	1/2	1/2		1/2		1/2
3/4	71,161	3/4	59,083	3/4	47,005	3/4	35,015	3/4	23,144	3/4	11,066	3/4	375	3/4	3/4		3/4		3/4
6	70,909	6	58,831	6	46,753	6	34,771	6	22,892	6	10,815	6	312	6	6		6		6
1/4	70,657	1/4	58,580	1/4	46,502	1/4	34,526	1/4	22,640	1/4	10,563	1/4	249	1/4	1/4		1/4		1/4
1/2	70,406	1/2	58,328	1/2	46,250	1/2	34,282	1/2	22,389	1/2	10,312	1/2	186	1/2	1/2		1/2		1/2
3/4	70,154	3/4	58,076	3/4	45,999	3/4	34,038	3/4	22,137	3/4	10,060	3/4	123	3/4	3/4		3/4		3/4
7	69,902	7	57,825	7	45,747	7	33,794	7	21,886	7	9,808	7	102	7	7		7		7
1/4	69,651	1/4	57,573	1/4	45,495	1/4	33,550	1/4	21,634	1/4	9,557	1/4	81	1/4	1/4		1/4		1/4
1/2	69,399	1/2	57,321	1/2	45,244	1/2	33,305	1/2	21,382	1/2	9,305	1/2	60	1/2	1/2		1/2		1/2
3/4	69,148	3/4	57,070	3/4	44,992	3/4	33,061	3/4	21,131	3/4	9,053	3/4	39	3/4	3/4		3/4		3/4
8	68,896	8	56,818	8	44,740	8	32,817	8	20,879	8	8,802	8		8	8		8		8
1/4	68,644	1/4	56,567	1/4	44,489	1/4	32,573	1/4	20,628	1/4	8,550	1/4		1/4	1/4		1/4		1/4
1/2	68,393	1/2	56,315	1/2	44,237	1/2	32,329	1/2	20,376	1/2	8,299	1/2		1/2	1/2		1/2		1/2
3/4	68,141	3/4	56,063	3/4	43,986	3/4	32,084	3/4	20,124	3/4	8,047	3/4		3/4	3/4		3/4		3/4
9	67,889	9	55,812	9	43,734	9	31,840	9	19,873	9	7,796	9		9	9		9		9
1/4	67,638	1/4	55,560	1/4	43,482	1/4	31,596	1/4	19,621	1/4	7,544	1/4		1/4	1/4		1/4		1/4
1/2	67,386	1/2	55,309	1/2	43,231	1/2	31,352	1/2	19,369	1/2	7,293	1/2		1/2	1/2		1/2		1/2
3/4	67,135	3/4	55,057	3/4	42,979	3/4	31,108	3/4	19,118	3/4	7,042	3/4		3/4	3/4		3/4		3/4
10	66,883	10	54,805	10	42,728	10	30,863	10	18,866	10	6,791	10		10	10		10		10
1/4	66,631	1/4	54,554	1/4	42,476	1/4	30,619	1/4	18,615	1/4	6,540	1/4		1/4	1/4		1/4		1/4
1/2	66,380	1/2	54,302	1/2	42,224	1/2	30,375	1/2	18,363	1/2	6,289	1/2		1/2	1/2		1/2		1/2
3/4	66,128	3/4	54,050	3/4	41,973	3/4	30,131	3/4	18,111	3/4	6,038	3/4		3/4	3/4		3/4		3/4
11	65,877	11	53,799	11	41,721	11	29,887	11	17,860	11	5,788	11		11	11		11		11
1/4	65,625	1/4	53,547	1/4	41,469	1/4	29,642	1/4	17,608	1/4	5,538	1/4		1/4	1/4		1/4		1/4
1/2	65,373	1/2	53,296	1/2	41,218	1/2	29,398	1/2	17,357	1/2	5,288	1/2		1/2	1/2		1/2		1/2
3/4	65,122	3/4	53,044	3/4	40,966	3/4	29,154	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: 11/21/2011 CL - SW
CALCULATED: 11/21/2011 CL
PRINTED: 11/22/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2011

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



BARGE "CBC 1340"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN																		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4
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	1/2	1/2	1/2	1/2	1/2	1/2	1/2
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	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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 25'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1340"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	68,798	0	58,072	0	47,346	0	36,620	0	25,917	0	15,195	0	4,478	0		0		0	
1/4	68,575	1/4	57,849	1/4	47,123	1/4	36,397	1/4	25,694	1/4	14,971	1/4	4,257	1/4	1/4	1/4		1/4	1/4
1/2	68,351	1/2	57,625	1/2	46,899	1/2	36,173	1/2	25,471	1/2	14,748	1/2	4,036	1/2	1/2	1/2		1/2	1/2
3/4	68,128	3/4	57,402	3/4	46,676	3/4	35,950	3/4	25,248	3/4	14,524	3/4	3,815	3/4	3/4	3/4		3/4	3/4
1	67,904	1	57,178	1	46,453	1	35,727	1	25,025	1	14,301	1	3,594	1	1	1		1	1
1/4	67,681	1/4	56,955	1/4	46,229	1/4	35,503	1/4	24,802	1/4	14,077	1/4	3,375	1/4	1/4	1/4		1/4	1/4
1/2	67,458	1/2	56,732	1/2	46,006	1/2	35,280	1/2	24,579	1/2	13,854	1/2	3,156	1/2	1/2	1/2		1/2	1/2
3/4	67,234	3/4	56,508	3/4	45,782	3/4	35,056	3/4	24,356	3/4	13,631	3/4	2,937	3/4	3/4	3/4		3/4	3/4
2	67,011	2	56,285	2	45,559	2	34,833	2	24,133	2	13,407	2	2,718	2	2	2		2	2
1/4	66,787	1/4	56,061	1/4	45,335	1/4	34,609	1/4	23,909	1/4	13,184	1/4	2,514	1/4	1/4	1/4		1/4	1/4
1/2	66,564	1/2	55,838	1/2	45,112	1/2	34,386	1/2	23,686	1/2	12,960	1/2	2,310	1/2	1/2	1/2		1/2	1/2
3/4	66,340	3/4	55,614	3/4	44,888	3/4	34,162	3/4	23,462	3/4	12,737	3/4	2,106	3/4	3/4	3/4		3/4	3/4
3	66,117	3	55,391	3	44,665	3	33,939	3	23,239	3	12,513	3	1,901	3	3	3		3	3
1/4	65,893	1/4	55,167	1/4	44,441	1/4	33,715	1/4	23,015	1/4	12,290	1/4	1,734	1/4	1/4	1/4		1/4	1/4
1/2	65,670	1/2	54,944	1/2	44,218	1/2	33,492	1/2	22,792	1/2	12,066	1/2	1,566	1/2	1/2	1/2		1/2	1/2
3/4	65,446	3/4	54,720	3/4	43,994	3/4	33,269	3/4	22,568	3/4	11,843	3/4	1,399	3/4	3/4	3/4		3/4	3/4
4	65,223	4	54,497	4	43,771	4	33,045	4	22,345	4	11,620	4	1,231	4	4	4		4	4
1/4	64,999	1/4	54,274	1/4	43,548	1/4	32,822	1/4	22,122	1/4	11,396	1/4	1,101	1/4	1/4	1/4		1/4	1/4
1/2	64,776	1/2	54,050	1/2	43,324	1/2	32,600	1/2	21,898	1/2	11,173	1/2	970	1/2	1/2	1/2		1/2	1/2
3/4	64,553	3/4	53,827	3/4	43,101	3/4	32,377	3/4	21,675	3/4	10,949	3/4	840	3/4	3/4	3/4		3/4	3/4
5	64,329	5	53,603	5	42,877	5	32,154	5	21,451	5	10,726	5	710	5	5	5		5	5
1/4	64,106	1/4	53,380	1/4	42,654	1/4	31,931	1/4	21,228	1/4	10,502	1/4	616	1/4	1/4	1/4		1/4	1/4
1/2	63,882	1/2	53,156	1/2	42,430	1/2	31,709	1/2	21,004	1/2	10,279	1/2	523	1/2	1/2	1/2		1/2	1/2
3/4	63,659	3/4	52,933	3/4	42,207	3/4	31,486	3/4	20,781	3/4	10,055	3/4	430	3/4	3/4	3/4		3/4	3/4
6	63,435	6	52,709	6	41,983	6	31,263	6	20,557	6	9,832	6	337	6	6	6		6	6
1/4	63,212	1/4	52,486	1/4	41,760	1/4	31,040	1/4	20,334	1/4	9,608	1/4	281	1/4	1/4	1/4		1/4	1/4
1/2	62,988	1/2	52,262	1/2	41,536	1/2	30,818	1/2	20,111	1/2	9,385	1/2	225	1/2	1/2	1/2		1/2	1/2
3/4	62,765	3/4	52,039	3/4	41,313	3/4	30,595	3/4	19,887	3/4	9,162	3/4	170	3/4	3/4	3/4		3/4	3/4
7	62,541	7	51,815	7	41,090	7	30,372	7	19,664	7	8,938	7	114	7	7	7		7	7
1/4	62,318	1/4	51,592	1/4	40,866	1/4	30,149	1/4	19,440	1/4	8,715	1/4	95	1/4	1/4	1/4		1/4	1/4
1/2	62,095	1/2	51,369	1/2	40,643	1/2	29,927	1/2	19,217	1/2	8,491	1/2	77	1/2	1/2	1/2		1/2	1/2
3/4	61,871	3/4	51,145	3/4	40,419	3/4	29,704	3/4	18,993	3/4	8,268	3/4	58	3/4	3/4	3/4		3/4	3/4
8	61,648	8	50,922	8	40,196	8	29,481	8	18,770	8	8,044	8	39	8	8	8		8	8
1/4	61,424	1/4	50,698	1/4	39,972	1/4	29,258	1/4	18,546	1/4	7,821	1/4		1/4	1/4	1/4		1/4	1/4
1/2	61,201	1/2	50,475	1/2	39,749	1/2	29,036	1/2	18,323	1/2	7,597	1/2		1/2	1/2	1/2		1/2	1/2
3/4	60,977	3/4	50,251	3/4	39,525	3/4	28,813	3/4	18,100	3/4	7,374	3/4		3/4	3/4	3/4		3/4	3/4
9	60,754	9	50,028	9	39,302	9	28,590	9	17,876	9	7,151	9		9	9	9		9	9
1/4	60,530	1/4	49,804	1/4	39,078	1/4	28,368	1/4	17,653	1/4	6,927	1/4		1/4	1/4	1/4		1/4	1/4
1/2	60,307	1/2	49,581	1/2	38,855	1/2	28,145	1/2	17,429	1/2	6,704	1/2		1/2	1/2	1/2		1/2	1/2
3/4	60,083	3/4	49,357	3/4	38,631	3/4	27,922	3/4	17,206	3/4	6,481	3/4		3/4	3/4	3/4		3/4	3/4
10	59,860	10	49,134	10	38,408	10	27,699	10	16,982	10	6,258	10		10	10	10		10	10
1/4	59,637	1/4	48,911	1/4	38,185	1/4	27,477	1/4	16,759	1/4	6,035	1/4		1/4	1/4	1/4		1/4	1/4
1/2	59,413	1/2	48,687	1/2	37,961	1/2	27,254	1/2	16,535	1/2	5,812	1/2		1/2	1/2	1/2		1/2	1/2
3/4	59,190	3/4	48,464	3/4	37,738	3/4	27,031	3/4	16,312	3/4	5,589	3/4		3/4	3/4	3/4		3/4	3/4
11	58,966	11	48,240	11	37,514	11	26,808	11	16,088	11	5,366	11		11	11	11		11	11
1/4	58,743	1/4	48,017	1/4	37,291	1/4	26,586	1/4	15,865	1/4	5,144	1/4		1/4	1/4	1/4		1/4	1/4
1/2	58,519	1/2	47,793	1/2	37,067	1/2	26,363	1/2	15,642	1/2	4,922	1/2		1/2	1/2	1/2		1/2	1/2
3/4	58,296	3/4	47,570	3/4	36,844	3/4	26,140	3/4	15,418	3/4	4,700	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2011 CL - SW
CALCULATED: 11/21/2011 CL
PRINTED: 11/22/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2011

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



BARGE "CBC 1340"

INNAGE TRIM TABLE

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

(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 - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 7/8'

LENGTH BETWEEN DRAFT MARKS: 161'-09"

November 21, 2011

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

<http://www.pmacorp.net>



BARGE "CBC 1340"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,097	0	18,894	0	29,541	0	40,217	0	50,985	0	61,754	0	72,500	0	83,248	0	94,020
1/4	58	1/4	8,322	1/4	19,119	1/4	29,759	1/4	40,441	1/4	51,210	1/4	61,979	1/4	72,723	1/4	83,472	1/4	94,244
1/2	77	1/2	8,547	1/2	19,344	1/2	29,978	1/2	40,665	1/2	51,434	1/2	62,203	1/2	72,946	1/2	83,697	1/2	94,469
3/4	96	3/4	8,772	3/4	19,569	3/4	30,196	3/4	40,890	3/4	51,659	3/4	62,427	3/4	73,169	3/4	83,921	3/4	94,693
1	114	1	8,997	1	19,794	1	30,415	1	41,114	1	51,883	1	62,652	1	73,392	1	84,145	1	94,918
1/4	171	1/4	9,222	1/4	20,019	1/4	30,633	1/4	41,338	1/4	52,107	1/4	62,876	1/4	73,615	1/4	84,370	1/4	95,142
1/2	227	1/2	9,447	1/2	20,244	1/2	30,852	1/2	41,563	1/2	52,332	1/2	63,101	1/2	73,838	1/2	84,594	1/2	95,367
3/4	283	3/4	9,672	3/4	20,469	3/4	31,070	3/4	41,787	3/4	52,556	3/4	63,325	3/4	74,061	3/4	84,819	3/4	95,591
2	339	2	9,897	2	20,694	2	31,289	2	42,011	2	52,780	2	63,549	2	74,284	2	85,043	2	95,815
1/4	433	1/4	10,122	1/4	20,919	1/4	31,507	1/4	42,236	1/4	53,005	1/4	63,774	1/4	74,507	1/4	85,268	1/4	96,040
1/2	527	1/2	10,347	1/2	21,144	1/2	31,726	1/2	42,460	1/2	53,229	1/2	63,998	1/2	74,730	1/2	85,492	1/2	96,264
3/4	620	3/4	10,572	3/4	21,369	3/4	31,945	3/4	42,684	3/4	53,453	3/4	64,222	3/4	74,953	3/4	85,716	3/4	96,489
3	714	3	10,797	3	21,593	3	32,163	3	42,909	3	53,678	3	64,447	3	75,176	3	85,941	3	96,713
1/4	845	1/4	11,021	1/4	21,818	1/4	32,382	1/4	43,133	1/4	53,902	1/4	64,671	1/4	75,399	1/4	86,165	1/4	96,938
1/2	976	1/2	11,246	1/2	22,043	1/2	32,600	1/2	43,357	1/2	54,126	1/2	64,895	1/2	75,622	1/2	86,390	1/2	97,162
3/4	1,108	3/4	11,471	3/4	22,268	3/4	32,819	3/4	43,582	3/4	54,351	3/4	65,120	3/4	75,845	3/4	86,614	3/4	97,386
4	1,239	4	11,696	4	22,493	4	33,037	4	43,806	4	54,575	4	65,344	4	76,068	4	86,839	4	97,611
1/4	1,408	1/4	11,921	1/4	22,718	1/4	33,262	1/4	44,031	1/4	54,799	1/4	65,568	1/4	76,292	1/4	87,063	1/4	97,835
1/2	1,576	1/2	12,146	1/2	22,943	1/2	33,486	1/2	44,255	1/2	55,024	1/2	65,793	1/2	76,516	1/2	87,287	1/2	98,060
3/4	1,745	3/4	12,371	3/4	23,168	3/4	33,710	3/4	44,479	3/4	55,248	3/4	66,017	3/4	76,739	3/4	87,512	3/4	98,284
5	1,913	5	12,596	5	23,393	5	33,935	5	44,704	5	55,473	5	66,241	5	76,963	5	87,736	5	98,508
1/4	2,119	1/4	12,821	1/4	23,618	1/4	34,159	1/4	44,928	1/4	55,697	1/4	66,466	1/4	77,187	1/4	87,961	1/4	98,733
1/2	2,325	1/2	13,046	1/2	23,843	1/2	34,383	1/2	45,152	1/2	55,921	1/2	66,690	1/2	77,412	1/2	88,185	1/2	98,957
3/4	2,530	3/4	13,271	3/4	24,068	3/4	34,608	3/4	45,377	3/4	56,146	3/4	66,915	3/4	77,636	3/4	88,409	3/4	99,182
6	2,736	6	13,496	6	24,293	6	34,832	6	45,601	6	56,370	6	67,139	6	77,861	6	88,634	6	99,406
1/4	2,956	1/4	13,721	1/4	24,518	1/4	35,056	1/4	45,825	1/4	56,594	1/4	67,363	1/4	78,085	1/4	88,858	1/4	99,631
1/2	3,177	1/2	13,946	1/2	24,743	1/2	35,281	1/2	46,050	1/2	56,819	1/2	67,586	1/2	78,310	1/2	89,083	1/2	99,855
3/4	3,397	3/4	14,171	3/4	24,968	3/4	35,505	3/4	46,274	3/4	57,043	3/4	67,810	3/4	78,534	3/4	89,307	3/4	100,079
7	3,618	7	14,396	7	25,193	7	35,729	7	46,498	7	57,267	7	68,034	7	78,759	7	89,532	7	100,304
1/4	3,840	1/4	14,620	1/4	25,418	1/4	35,954	1/4	46,723	1/4	57,492	1/4	68,258	1/4	78,983	1/4	89,756	1/4	100,528
1/2	4,062	1/2	14,845	1/2	25,643	1/2	36,178	1/2	46,947	1/2	57,716	1/2	68,481	1/2	79,208	1/2	89,980	1/2	100,753
3/4	4,285	3/4	15,070	3/4	25,868	3/4	36,403	3/4	47,171	3/4	57,940	3/4	68,705	3/4	79,432	3/4	90,205	3/4	100,977
8	4,507	8	15,295	8	26,093	8	36,627	8	47,396	8	58,165	8	68,929	8	79,656	8	90,429	8	101,202
1/4	4,731	1/4	15,520	1/4	26,318	1/4	36,851	1/4	47,620	1/4	58,389	1/4	69,153	1/4	79,881	1/4	90,654	1/4	101,426
1/2	4,954	1/2	15,745	1/2	26,543	1/2	37,076	1/2	47,845	1/2	58,613	1/2	69,377	1/2	80,105	1/2	90,878	1/2	101,650
3/4	5,178	3/4	15,970	3/4	26,768	3/4	37,300	3/4	48,069	3/4	58,838	3/4	69,600	3/4	80,330	3/4	91,103	3/4	101,875
9	5,402	9	16,195	9	26,993	9	37,524	9	48,293	9	59,062	9	69,824	9	80,554	9	91,327	9	102,099
1/4	5,626	1/4	16,420	1/4	27,218	1/4	37,749	1/4	48,518	1/4	59,287	1/4	70,047	1/4	80,779	1/4	91,551	1/4	102,324
1/2	5,850	1/2	16,645	1/2	27,443	1/2	37,973	1/2	48,742	1/2	59,511	1/2	70,270	1/2	81,003	1/2	91,776	1/2	102,548
3/4	6,074	3/4	16,870	3/4	27,668	3/4	38,197	3/4	48,966	3/4	59,735	3/4	70,493	3/4	81,228	3/4	92,000	3/4	102,773
10	6,299	10	17,095	10	27,892	10	38,422	10	49,191	10	59,960	10	70,716	10	81,452	10	92,225	10	102,997
1/4	6,523	1/4	17,320	1/4	28,117	1/4	38,646	1/4	49,415	1/4	60,184	1/4	70,939	1/4	81,677	1/4	92,449	1/4	103,221
1/2	6,748	1/2	17,545	1/2	28,342	1/2	38,870	1/2	49,639	1/2	60,408	1/2	71,162	1/2	81,901	1/2	92,673	1/2	103,446
3/4	6,973	3/4	17,770	3/4	28,567	3/4	39,095	3/4	49,864	3/4	60,633	3/4	71,385	3/4	82,125	3/4	92,898	3/4	103,670
11	7,198	11	17,994	11	28,792	11	39,319	11	50,088	11	60,857	11	71,608	11	82,350	11	93,122	11	103,895
1/4	7,423	1/4	18,219	1/4	29,017	1/4	39,543	1/4	50,312	1/4	61,081	1/4	71,831	1/4	82,574	1/4	93,347	1/4	104,119
1/2	7,647	1/2	18,444	1/2	29,242	1/2	39,768	1/2	50,537	1/2	61,306	1/2	72,054	1/2	82,799	1/2	93,571	1/2	104,343
3/4	7,872	3/4	18,669	3/4	29,467	3/4	39,992	3/4	50,761	3/4	61,530	3/4	72,277	3/4	83,023	3/4	93,796	3/4	104,568

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 28'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1340"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,792	0	114,901	0	124,368	0	133,792	0	143,201	0		0		0		0		0	
1/4	105,016	1/4	115,098	1/4	124,564	1/4	133,989	1/4	143,395	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,241	1/2	115,295	1/2	124,761	1/2	134,186	1/2	143,590	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,465	3/4	115,492	3/4	124,958	3/4	134,382	3/4	143,785	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,689	1	115,690	1	125,154	1	134,579	1	143,979	1	1	1	1	1	1	1	1	1	1
1/4	105,913	1/4	115,887	1/4	125,351	1/4	134,776	1/4	144,174	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,137	1/2	116,084	1/2	125,548	1/2	134,973	1/2	144,369	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,362	3/4	116,281	3/4	125,744	3/4	135,169	3/4	144,563	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,586	2	116,479	2	125,941	2	135,366	2	144,758	2	2	2	2	2	2	2	2	2	2
1/4	106,810	1/4	116,676	1/4	126,138	1/4	135,563	1/4	144,961	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,034	1/2	116,873	1/2	126,335	1/2	135,759	1/2	145,165	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,258	3/4	117,070	3/4	126,531	3/4	135,956	3/4	145,368	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,482	3	117,267	3	126,728	3	136,153	3	145,572	3	3	3	3	3	3	3	3	3	3
1/4	107,707	1/4	117,465	1/4	126,925	1/4	136,349	1/4	145,738	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,931	1/2	117,662	1/2	127,121	1/2	136,546	1/2	145,904	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,155	3/4	117,859	3/4	127,318	3/4	136,743	3/4	146,070	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,379	4	118,056	4	127,515	4	136,940	4	146,236	4	4	4	4	4	4	4	4	4	4
1/4	108,603	1/4	118,254	1/4	127,711	1/4	137,136	1/4	146,365	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,827	1/2	118,451	1/2	127,908	1/2	137,333	1/2	146,493	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,052	3/4	118,648	3/4	128,105	3/4	137,530	3/4	146,622	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,276	5	118,845	5	128,302	5	137,726	5	146,750	5	5	5	5	5	5	5	5	5	5
1/4	109,500	1/4	119,042	1/4	128,498	1/4	137,923	1/4	146,841	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,724	1/2	119,240	1/2	128,695	1/2	138,120	1/2	146,933	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,948	3/4	119,437	3/4	128,892	3/4	138,316	3/4	147,024	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,172	6	119,634	6	129,088	6	138,513	6	147,115	6	6	6	6	6	6	6	6	6	6
1/4	110,369	1/4	119,831	1/4	129,284	1/4	138,710	1/4	147,168	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,566	1/2	120,029	1/2	129,480	1/2	138,907	1/2	147,222	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,763	3/4	120,226	3/4	129,676	3/4	139,103	3/4	147,275	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,961	7	120,423	7	129,872	7	139,300	7	147,329	7	7	7	7	7	7	7	7	7	7
1/4	111,158	1/4	120,620	1/4	130,068	1/4	139,497	1/4	147,345	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,355	1/2	120,817	1/2	130,264	1/2	139,693	1/2	147,361	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,552	3/4	121,015	3/4	130,460	3/4	139,890	3/4	147,377	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,749	8	121,212	8	130,656	8	140,087	8	147,393	8	8	8	8	8	8	8	8	8	8
1/4	111,946	1/4	121,409	1/4	130,852	1/4	140,281	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,143	1/2	121,606	1/2	131,048	1/2	140,476	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,340	3/4	121,804	3/4	131,244	3/4	140,671	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,537	9	122,001	9	131,440	9	140,865	9		9	9	9	9	9	9	9	9	9	9
1/4	112,734	1/4	122,198	1/4	131,636	1/4	141,060	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,931	1/2	122,395	1/2	131,832	1/2	141,255	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,128	3/4	122,593	3/4	132,028	3/4	141,449	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,325	10	122,790	10	132,224	10	141,644	10		10	10	10	10	10	10	10	10	10	10
1/4	113,522	1/4	122,987	1/4	132,420	1/4	141,838	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,719	1/2	123,184	1/2	132,616	1/2	142,033	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,916	3/4	123,381	3/4	132,812	3/4	142,228	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,113	11	123,579	11	133,008	11	142,422	11		11	11	11	11	11	11	11	11	11	11
1/4	114,310	1/4	123,776	1/4	133,204	1/4	142,617	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,507	1/2	123,973	1/2	133,400	1/2	142,812	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,704	3/4	124,170	3/4	133,596	3/4	143,006	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: 11/21/2011 CL- SW
CALCULATED: 11/21/2011 CL
PRINTED: 11/22/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2011

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



BARGE "CBC 1340"

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	9,053	0	21,131	0	33,061	0	44,992	0	57,070	0	69,147	0	81,225	0	93,303	0	105,379
1/4	60	1/4	9,305	1/4	21,382	1/4	33,305	1/4	45,244	1/4	57,321	1/4	69,399	1/4	81,477	1/4	93,554	1/4	105,630
1/2	81	1/2	9,556	1/2	21,634	1/2	33,549	1/2	45,495	1/2	57,573	1/2	69,651	1/2	81,728	1/2	93,806	1/2	105,882
3/4	102	3/4	9,808	3/4	21,885	3/4	33,794	3/4	45,747	3/4	57,824	3/4	69,902	3/4	81,980	3/4	94,058	3/4	106,133
1	123	1	10,060	1	22,137	1	34,038	1	45,998	1	58,076	1	70,154	1	82,232	1	94,309	1	106,385
1/4	186	1/4	10,311	1/4	22,389	1/4	34,282	1/4	46,250	1/4	58,328	1/4	70,405	1/4	82,483	1/4	94,561	1/4	106,636
1/2	249	1/2	10,563	1/2	22,640	1/2	34,526	1/2	46,502	1/2	58,579	1/2	70,657	1/2	82,735	1/2	94,812	1/2	106,888
3/4	312	3/4	10,815	3/4	22,892	3/4	34,770	3/4	46,753	3/4	58,831	3/4	70,909	3/4	82,986	3/4	95,064	3/4	107,140
2	375	2	11,066	2	23,143	2	35,015	2	47,005	2	59,083	2	71,160	2	83,238	2	95,315	2	107,391
1/4	480	1/4	11,318	1/4	23,395	1/4	35,259	1/4	47,256	1/4	59,334	1/4	71,412	1/4	83,490	1/4	95,567	1/4	107,643
1/2	584	1/2	11,569	1/2	23,647	1/2	35,503	1/2	47,508	1/2	59,586	1/2	71,664	1/2	83,741	1/2	95,819	1/2	107,894
3/4	689	3/4	11,821	3/4	23,898	3/4	35,747	3/4	47,760	3/4	59,837	3/4	71,915	3/4	83,993	3/4	96,070	3/4	108,146
3	794	3	12,073	3	24,150	3	35,991	3	48,011	3	60,089	3	72,167	3	84,245	3	96,322	3	108,397
1/4	941	1/4	12,324	1/4	24,401	1/4	36,236	1/4	48,263	1/4	60,341	1/4	72,418	1/4	84,496	1/4	96,573	1/4	108,649
1/2	1,088	1/2	12,576	1/2	24,653	1/2	36,480	1/2	48,515	1/2	60,592	1/2	72,670	1/2	84,748	1/2	96,825	1/2	108,901
3/4	1,234	3/4	12,827	3/4	24,905	3/4	36,724	3/4	48,766	3/4	60,844	3/4	72,922	3/4	84,999	3/4	97,076	3/4	109,152
4	1,381	4	13,079	4	25,156	4	36,968	4	49,018	4	61,096	4	73,173	4	85,251	4	97,328	4	109,404
1/4	1,570	1/4	13,331	1/4	25,408	1/4	37,213	1/4	49,269	1/4	61,347	1/4	73,425	1/4	85,503	1/4	97,580	1/4	109,655
1/2	1,759	1/2	13,582	1/2	25,660	1/2	37,457	1/2	49,521	1/2	61,599	1/2	73,677	1/2	85,754	1/2	97,831	1/2	109,907
3/4	1,947	3/4	13,834	3/4	25,911	3/4	37,702	3/4	49,773	3/4	61,850	3/4	73,928	3/4	86,006	3/4	98,083	3/4	110,158
5	2,136	5	14,085	5	26,163	5	37,947	5	50,024	5	62,102	5	74,180	5	86,258	5	98,334	5	110,410
1/4	2,366	1/4	14,337	1/4	26,414	1/4	38,198	1/4	50,276	1/4	62,354	1/4	74,431	1/4	86,509	1/4	98,586	1/4	110,662
1/2	2,596	1/2	14,589	1/2	26,666	1/2	38,450	1/2	50,528	1/2	62,605	1/2	74,683	1/2	86,761	1/2	98,838	1/2	110,913
3/4	2,826	3/4	14,840	3/4	26,918	3/4	38,701	3/4	50,779	3/4	62,857	3/4	74,935	3/4	87,012	3/4	99,089	3/4	111,165
6	3,056	6	15,092	6	27,169	6	38,953	6	51,031	6	63,109	6	75,186	6	87,264	6	99,341	6	111,416
1/4	3,302	1/4	15,344	1/4	27,421	1/4	39,205	1/4	51,282	1/4	63,360	1/4	75,438	1/4	87,516	1/4	99,592	1/4	111,668
1/2	3,549	1/2	15,595	1/2	27,672	1/2	39,456	1/2	51,534	1/2	63,612	1/2	75,689	1/2	87,767	1/2	99,844	1/2	111,919
3/4	3,796	3/4	15,847	3/4	27,924	3/4	39,708	3/4	51,786	3/4	63,863	3/4	75,941	3/4	88,019	3/4	100,095	3/4	112,171
7	4,042	7	16,098	7	28,176	7	39,960	7	52,037	7	64,115	7	76,193	7	88,270	7	100,347	7	112,423
1/4	4,291	1/4	16,350	1/4	28,420	1/4	40,211	1/4	52,289	1/4	64,367	1/4	76,444	1/4	88,522	1/4	100,599	1/4	112,674
1/2	4,540	1/2	16,602	1/2	28,665	1/2	40,463	1/2	52,540	1/2	64,618	1/2	76,696	1/2	88,774	1/2	100,850	1/2	112,926
3/4	4,789	3/4	16,853	3/4	28,909	3/4	40,714	3/4	52,792	3/4	64,870	3/4	76,948	3/4	89,025	3/4	101,102	3/4	113,177
8	5,037	8	17,105	8	29,154	8	40,966	8	53,044	8	65,121	8	77,199	8	89,277	8	101,353	8	113,429
1/4	5,288	1/4	17,356	1/4	29,398	1/4	41,218	1/4	53,295	1/4	65,373	1/4	77,451	1/4	89,529	1/4	101,605	1/4	113,681
1/2	5,538	1/2	17,608	1/2	29,642	1/2	41,469	1/2	53,547	1/2	65,625	1/2	77,702	1/2	89,780	1/2	101,856	1/2	113,932
3/4	5,788	3/4	17,860	3/4	29,886	3/4	41,721	3/4	53,799	3/4	65,876	3/4	77,954	3/4	90,032	3/4	102,108	3/4	114,184
9	6,038	9	18,111	9	30,131	9	41,972	9	54,050	9	66,128	9	78,206	9	90,283	9	102,360	9	114,435
1/4	6,289	1/4	18,363	1/4	30,375	1/4	42,224	1/4	54,302	1/4	66,380	1/4	78,457	1/4	90,535	1/4	102,611	1/4	114,687
1/2	6,540	1/2	18,614	1/2	30,619	1/2	42,476	1/2	54,553	1/2	66,631	1/2	78,709	1/2	90,787	1/2	102,863	1/2	114,938
3/4	6,790	3/4	18,866	3/4	30,863	3/4	42,727	3/4	54,805	3/4	66,883	3/4	78,961	3/4	91,038	3/4	103,114	3/4	115,190
10	7,041	10	19,118	10	31,107	10	42,979	10	55,057	10	67,134	10	79,210	10	91,290	10	103,366	10	115,442
1/4	7,293	1/4	19,369	1/4	31,352	1/4	43,231	1/4	55,308	1/4	67,386	1/4	79,464	1/4	91,542	1/4	103,617	1/4	115,693
1/2	7,544	1/2	19,621	1/2	31,596	1/2	43,482	1/2	55,560	1/2	67,638	1/2	79,715	1/2	91,793	1/2	103,869	1/2	115,945
3/4	7,796	3/4	19,873	3/4	31,840	3/4	43,734	3/4	55,812	3/4	67,889	3/4	79,967	3/4	92,045	3/4	104,121	3/4	116,196
11	8,047	11	20,124	11	32,084	11	43,985	11	56,063	11	68,141	11	80,219	11	92,296	11	104,372	11	116,448
1/4	8,298	1/4	20,376	1/4	32,328	1/4	44,237	1/4	56,315	1/4	68,393	1/4	80,470	1/4	92,548	1/4	104,624	1/4	116,699
1/2	8,550	1/2	20,627	1/2	32,573	1/2	44,489	1/2	56,566	1/2	68,644	1/2	80,722	1/2	92,800	1/2	104,875	1/2	116,951
3/4	8,802	3/4	20,879	3/4	32,817	3/4	44,740	3/4	56,818	3/4	68,896	3/4	80,973	3/4	93,051	3/4	105,127	3/4	117,203

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 31'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1340"

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	117,454	0	129,530	0	141,605	0	153,614	0	165,586	0		0		0		0		0	
1/4	117,706	1/4	129,781	1/4	141,856	1/4	153,864	1/4	165,833	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,957	1/2	130,033	1/2	142,106	1/2	154,114	1/2	166,081	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,209	3/4	130,285	3/4	142,356	3/4	154,365	3/4	166,329	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,460	1	130,536	1	142,606	1	154,615	1	166,577	1	1	1	1	1	1	1	1	1	1
1/4	118,712	1/4	130,788	1/4	142,856	1/4	154,865	1/4	166,825	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,964	1/2	131,039	1/2	143,107	1/2	155,115	1/2	167,073	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,215	3/4	131,291	3/4	143,357	3/4	155,365	3/4	167,321	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,467	2	131,542	2	143,607	2	155,615	2	167,568	2	2	2	2	2	2	2	2	2	2
1/4	119,718	1/4	131,794	1/4	143,857	1/4	155,866	1/4	167,795	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,970	1/2	132,046	1/2	144,107	1/2	156,116	1/2	168,022	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,221	3/4	132,297	3/4	144,357	3/4	156,366	3/4	168,249	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,473	3	132,549	3	144,608	3	156,616	3	168,476	3	3	3	3	3	3	3	3	3	3
1/4	120,725	1/4	132,800	1/4	144,858	1/4	156,866	1/4	168,661	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,976	1/2	133,052	1/2	145,108	1/2	157,116	1/2	168,846	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,228	3/4	133,303	3/4	145,358	3/4	157,367	3/4	169,031	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,479	4	133,555	4	145,608	4	157,617	4	169,216	4	4	4	4	4	4	4	4	4	4
1/4	121,731	1/4	133,807	1/4	145,858	1/4	157,867	1/4	169,359	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,983	1/2	134,058	1/2	146,109	1/2	158,117	1/2	169,502	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,234	3/4	134,310	3/4	146,359	3/4	158,367	3/4	169,645	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,486	5	134,561	5	146,609	5	158,618	5	169,788	5	5	5	5	5	5	5	5	5	5
1/4	122,737	1/4	134,813	1/4	146,859	1/4	158,868	1/4	169,889	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,989	1/2	135,064	1/2	147,109	1/2	159,118	1/2	169,990	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,240	3/4	135,316	3/4	147,360	3/4	159,368	3/4	170,091	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,492	6	135,568	6	147,610	6	159,618	6	170,192	6	6	6	6	6	6	6	6	6	6
1/4	123,744	1/4	135,819	1/4	147,860	1/4	159,868	1/4	170,251	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,995	1/2	136,071	1/2	148,110	1/2	160,119	1/2	170,311	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,247	3/4	136,322	3/4	148,360	3/4	160,369	3/4	170,370	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,498	7	136,574	7	148,610	7	160,619	7	170,429	7	7	7	7	7	7	7	7	7	7
1/4	124,750	1/4	136,826	1/4	148,861	1/4	160,869	1/4	170,446	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,001	1/2	137,077	1/2	149,111	1/2	161,119	1/2	170,463	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,253	3/4	137,329	3/4	149,361	3/4	161,370	3/4	170,481	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,505	8	137,580	8	149,611	8	161,620	8	170,498	8	8	8	8	8	8	8	8	8	8
1/4	125,756	1/4	137,832	1/4	149,861	1/4	161,868	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,008	1/2	138,083	1/2	150,112	1/2	162,115	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,259	3/4	138,335	3/4	150,362	3/4	162,363	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,511	9	138,587	9	150,612	9	162,611	9		9	9	9	9	9	9	9	9	9	9
1/4	126,762	1/4	138,838	1/4	150,862	1/4	162,859	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,014	1/2	139,090	1/2	151,112	1/2	163,107	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,266	3/4	139,341	3/4	151,362	3/4	163,355	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,517	10	139,593	10	151,613	10	163,603	10		10	10	10	10	10	10	10	10	10	10
1/4	127,769	1/4	139,844	1/4	151,863	1/4	163,850	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,020	1/2	140,096	1/2	152,113	1/2	164,098	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,272	3/4	140,348	3/4	152,363	3/4	164,346	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,524	11	140,599	11	152,613	11	164,594	11		11	11	11	11	11	11	11	11	11	11
1/4	128,775	1/4	140,851	1/4	152,863	1/4	164,842	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,027	1/2	141,102	1/2	153,114	1/2	165,090	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,278	3/4	141,354	3/4	153,364	3/4	165,338	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: 11/21/2011 CL- SW
CALCULATED: 11/21/2011 CL
PRINTED: 11/22/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2011

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



BARGE "CBC 1340"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	39	0	8,044	0	18,770	0	29,481	0	40,196	0	50,922	0	61,648	0	72,374	0	83,100	0	93,824
1/4	58	1/4	8,268	1/4	18,993	1/4	29,704	1/4	40,419	1/4	51,145	1/4	61,871	1/4	72,597	1/4	83,323	1/4	94,047
1/2	77	1/2	8,491	1/2	19,217	1/2	29,927	1/2	40,643	1/2	51,369	1/2	62,095	1/2	72,821	1/2	83,546	1/2	94,271
3/4	95	3/4	8,715	3/4	19,440	3/4	30,149	3/4	40,866	3/4	51,592	3/4	62,318	3/4	73,044	3/4	83,770	3/4	94,494
1	114	1	8,938	1	19,664	1	30,372	1	41,090	1	51,816	1	62,541	1	73,267	1	83,993	1	94,717
1/4	170	1/4	9,162	1/4	19,887	1/4	30,595	1/4	41,313	1/4	52,039	1/4	62,765	1/4	73,491	1/4	84,217	1/4	94,941
1/2	226	1/2	9,385	1/2	20,111	1/2	30,818	1/2	41,536	1/2	52,262	1/2	62,988	1/2	73,714	1/2	84,440	1/2	95,164
3/4	281	3/4	9,609	3/4	20,334	3/4	31,040	3/4	41,760	3/4	52,486	3/4	63,212	3/4	73,938	3/4	84,664	3/4	95,388
2	337	2	9,832	2	20,557	2	31,263	2	41,983	2	52,709	2	63,435	2	74,161	2	84,887	2	95,611
1/4	430	1/4	10,055	1/4	20,781	1/4	31,486	1/4	42,207	1/4	52,933	1/4	63,659	1/4	74,385	1/4	85,110	1/4	95,835
1/2	523	1/2	10,279	1/2	21,004	1/2	31,709	1/2	42,430	1/2	53,156	1/2	63,882	1/2	74,608	1/2	85,334	1/2	96,058
3/4	617	3/4	10,502	3/4	21,228	3/4	31,931	3/4	42,654	3/4	53,380	3/4	64,106	3/4	74,832	3/4	85,557	3/4	96,281
3	710	3	10,726	3	21,451	3	32,154	3	42,877	3	53,603	3	64,329	3	75,055	3	85,781	3	96,505
1/4	840	1/4	10,949	1/4	21,675	1/4	32,377	1/4	43,101	1/4	53,827	1/4	64,553	1/4	75,279	1/4	86,004	1/4	96,728
1/2	970	1/2	11,173	1/2	21,898	1/2	32,600	1/2	43,324	1/2	54,050	1/2	64,776	1/2	75,502	1/2	86,227	1/2	96,952
3/4	1,101	3/4	11,396	3/4	22,122	3/4	32,822	3/4	43,548	3/4	54,274	3/4	65,000	3/4	75,725	3/4	86,451	3/4	97,175
4	1,231	4	11,620	4	22,345	4	33,045	4	43,771	4	54,497	4	65,223	4	75,949	4	86,674	4	97,398
1/4	1,399	1/4	11,843	1/4	22,569	1/4	33,269	1/4	43,995	1/4	54,720	1/4	65,446	1/4	76,172	1/4	86,898	1/4	97,622
1/2	1,566	1/2	12,066	1/2	22,792	1/2	33,492	1/2	44,218	1/2	54,944	1/2	65,670	1/2	76,396	1/2	87,121	1/2	97,845
3/4	1,734	3/4	12,290	3/4	23,015	3/4	33,715	3/4	44,441	3/4	55,167	3/4	65,893	3/4	76,619	3/4	87,345	3/4	98,069
5	1,901	5	12,513	5	23,239	5	33,939	5	44,665	5	55,391	5	66,117	5	76,843	5	87,568	5	98,292
1/4	2,106	1/4	12,737	1/4	23,462	1/4	34,162	1/4	44,888	1/4	55,614	1/4	66,340	1/4	77,066	1/4	87,791	1/4	98,516
1/2	2,310	1/2	12,960	1/2	23,686	1/2	34,386	1/2	45,112	1/2	55,838	1/2	66,564	1/2	77,290	1/2	88,015	1/2	98,739
3/4	2,514	3/4	13,184	3/4	23,909	3/4	34,609	3/4	45,335	3/4	56,061	3/4	66,787	3/4	77,513	3/4	88,238	3/4	98,962
6	2,718	6	13,407	6	24,133	6	34,833	6	45,559	6	56,285	6	67,011	6	77,737	6	88,462	6	99,186
1/4	2,937	1/4	13,631	1/4	24,356	1/4	35,056	1/4	45,782	1/4	56,508	1/4	67,234	1/4	77,960	1/4	88,685	1/4	99,409
1/2	3,156	1/2	13,854	1/2	24,579	1/2	35,280	1/2	46,006	1/2	56,732	1/2	67,458	1/2	78,184	1/2	88,908	1/2	99,633
3/4	3,375	3/4	14,077	3/4	24,802	3/4	35,503	3/4	46,229	3/4	56,955	3/4	67,681	3/4	78,407	3/4	89,132	3/4	99,856
7	3,594	7	14,301	7	25,025	7	35,727	7	46,453	7	57,179	7	67,904	7	78,630	7	89,355	7	100,079
1/4	3,815	1/4	14,524	1/4	25,248	1/4	35,950	1/4	46,676	1/4	57,402	1/4	68,128	1/4	78,854	1/4	89,579	1/4	100,303
1/2	4,036	1/2	14,748	1/2	25,471	1/2	36,173	1/2	46,899	1/2	57,625	1/2	68,351	1/2	79,077	1/2	89,802	1/2	100,526
3/4	4,257	3/4	14,971	3/4	25,694	3/4	36,397	3/4	47,123	3/4	57,849	3/4	68,575	3/4	79,301	3/4	90,026	3/4	100,750
8	4,478	8	15,195	8	25,917	8	36,620	8	47,346	8	58,072	8	68,798	8	79,524	8	90,249	8	100,973
1/4	4,700	1/4	15,418	1/4	26,140	1/4	36,844	1/4	47,570	1/4	58,296	1/4	69,022	1/4	79,748	1/4	90,472	1/4	101,197
1/2	4,922	1/2	15,642	1/2	26,363	1/2	37,067	1/2	47,793	1/2	58,519	1/2	69,245	1/2	79,971	1/2	90,696	1/2	101,420
3/4	5,144	3/4	15,865	3/4	26,586	3/4	37,291	3/4	48,017	3/4	58,743	3/4	69,469	3/4	80,195	3/4	90,919	3/4	101,643
9	5,366	9	16,089	9	26,808	9	37,514	9	48,240	9	58,966	9	69,692	9	80,418	9	91,143	9	101,867
1/4	5,589	1/4	16,312	1/4	27,031	1/4	37,738	1/4	48,464	1/4	59,190	1/4	69,916	1/4	80,642	1/4	91,366	1/4	102,090
1/2	5,812	1/2	16,535	1/2	27,254	1/2	37,961	1/2	48,687	1/2	59,413	1/2	70,139	1/2	80,865	1/2	91,590	1/2	102,314
3/4	6,035	3/4	16,759	3/4	27,477	3/4	38,185	3/4	48,911	3/4	59,637	3/4	70,362	3/4	81,088	3/4	91,813	3/4	102,537
10	6,258	10	16,982	10	27,699	10	38,408	10	49,134	10	59,860	10	70,586	10	81,312	10	92,036	10	102,761
1/4	6,481	1/4	17,206	1/4	27,922	1/4	38,632	1/4	49,357	1/4	60,083	1/4	70,809	1/4	81,535	1/4	92,260	1/4	102,984
1/2	6,704	1/2	17,429	1/2	28,145	1/2	38,855	1/2	49,581	1/2	60,307	1/2	71,033	1/2	81,759	1/2	92,483	1/2	103,207
3/4	6,927	3/4	17,653	3/4	28,368	3/4	39,078	3/4	49,804	3/4	60,530	3/4	71,256	3/4	81,982	3/4	92,707	3/4	103,431
11	7,151	11	17,876	11	28,590	11	39,302	11	50,028	11	60,754	11	71,480	11	82,206	11	92,930	11	103,654
1/4	7,374	1/4	18,100	1/4	28,813	1/4	39,525	1/4	50,251	1/4	60,977	1/4	71,703	1/4	82,429	1/4	93,153	1/4	103,878
1/2	7,598	1/2	18,323	1/2	29,036	1/2	39,749	1/2	50,475	1/2	61,201	1/2	71,927	1/2	82,653	1/2	93,377	1/2	104,101
3/4	7,821	3/4	18,546	3/4	29,259	3/4	39,972	3/4	50,698	3/4	61,424	3/4	72,150	3/4	82,876	3/4	93,600	3/4	104,324

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 25'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1340"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	104,548	0	115,272	0	125,996	0	136,662	0	147,294	0		0		0		0		0	
1/4	104,771	1/4	115,495	1/4	126,218	1/4	136,884	1/4	147,514	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,995	1/2	115,719	1/2	126,441	1/2	137,106	1/2	147,734	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,218	3/4	115,942	3/4	126,663	3/4	137,328	3/4	147,954	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,442	1	116,166	1	126,885	1	137,550	1	148,175	1	1	1	1	1	1	1	1	1	1
1/4	105,665	1/4	116,389	1/4	127,107	1/4	137,772	1/4	148,395	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,888	1/2	116,613	1/2	127,329	1/2	137,995	1/2	148,615	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,112	3/4	116,836	3/4	127,552	3/4	138,217	3/4	148,835	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,335	2	117,059	2	127,774	2	138,439	2	149,055	2	2	2	2	2	2	2	2	2	2
1/4	106,559	1/4	117,283	1/4	127,996	1/4	138,661	1/4	149,257	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,782	1/2	117,506	1/2	128,218	1/2	138,883	1/2	149,458	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,005	3/4	117,730	3/4	128,440	3/4	139,106	3/4	149,660	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,229	3	117,953	3	128,663	3	139,328	3	149,861	3	3	3	3	3	3	3	3	3	3
1/4	107,452	1/4	118,176	1/4	128,885	1/4	139,550	1/4	150,026	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,676	1/2	118,400	1/2	129,107	1/2	139,772	1/2	150,190	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,899	3/4	118,623	3/4	129,329	3/4	139,994	3/4	150,354	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,123	4	118,847	4	129,551	4	140,217	4	150,518	4	4	4	4	4	4	4	4	4	4
1/4	108,346	1/4	119,070	1/4	129,773	1/4	140,439	1/4	150,645	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,569	1/2	119,294	1/2	129,996	1/2	140,661	1/2	150,772	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,793	3/4	119,517	3/4	130,218	3/4	140,883	3/4	150,899	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,016	5	119,740	5	130,440	5	141,105	5	151,026	5	5	5	5	5	5	5	5	5	5
1/4	109,240	1/4	119,964	1/4	130,662	1/4	141,328	1/4	151,116	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,463	1/2	120,187	1/2	130,884	1/2	141,550	1/2	151,206	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,687	3/4	120,411	3/4	131,107	3/4	141,772	3/4	151,296	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,910	6	120,634	6	131,329	6	141,994	6	151,386	6	6	6	6	6	6	6	6	6	6
1/4	110,133	1/4	120,858	1/4	131,551	1/4	142,216	1/4	151,438	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,357	1/2	121,081	1/2	131,773	1/2	142,439	1/2	151,491	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,580	3/4	121,304	3/4	131,995	3/4	142,661	3/4	151,543	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,804	7	121,528	7	132,218	7	142,883	7	151,596	7	7	7	7	7	7	7	7	7	7
1/4	111,027	1/4	121,751	1/4	132,440	1/4	143,105	1/4	151,611	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,250	1/2	121,975	1/2	132,662	1/2	143,327	1/2	151,626	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,474	3/4	122,198	3/4	132,884	3/4	143,550	3/4	151,642	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,697	8	122,421	8	133,106	8	143,772	8	151,657	8	8	8	8	8	8	8	8	8	8
1/4	111,921	1/4	122,645	1/4	133,329	1/4	143,992	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,144	1/2	122,868	1/2	133,551	1/2	144,212	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,368	3/4	123,092	3/4	133,773	3/4	144,432	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,591	9	123,315	9	133,995	9	144,652	9		9	9	9	9	9	9	9	9	9	9
1/4	112,814	1/4	123,539	1/4	134,217	1/4	144,872	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,038	1/2	123,762	1/2	134,440	1/2	145,093	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,261	3/4	123,985	3/4	134,662	3/4	145,313	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,485	10	124,209	10	134,884	10	145,533	10	10	10	10	10	10	10	10	10	10	10	10
1/4	113,708	1/4	124,432	1/4	135,106	1/4	145,753	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,932	1/2	124,656	1/2	135,328	1/2	145,973	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,155	3/4	124,879	3/4	135,551	3/4	146,193	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,378	11	125,102	11	135,773	11	146,413	11		11	11	11	11	11	11	11	11	11	11
1/4	114,602	1/4	125,326	1/4	135,995	1/4	146,634	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,825	1/2	125,549	1/2	136,217	1/2	146,854	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,049	3/4	125,773	3/4	136,439	3/4	147,074	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: 11/21/2011 CL- SW
CALCULATED: 11/21/2011 CL
PRINTED: 11/22/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2011

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