



BARGE "CBC 1344"

INNAGE TRIM TABLE

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

(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 4'-00 1/2'

LENGTH BETWEEN DRAFT MARKS: 161'-09"

February 20, 2012

**PRECISION MEASUREMENT
& ANALYSIS, INC.**
 P.O. Box 2092
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BARGE "CBC 1344"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,099	0	18,898	0	29,546	0	40,224	0	50,995	0	61,766	0	72,514	0	83,264	0	94,038
1/4	58	1/4	8,324	1/4	19,123	1/4	29,765	1/4	40,449	1/4	51,220	1/4	61,991	1/4	72,737	1/4	83,488	1/4	94,263
1/2	77	1/2	8,549	1/2	19,348	1/2	29,984	1/2	40,673	1/2	51,444	1/2	62,215	1/2	72,960	1/2	83,713	1/2	94,487
3/4	96	3/4	8,774	3/4	19,573	3/4	30,202	3/4	40,898	3/4	51,669	3/4	62,440	3/4	73,183	3/4	83,937	3/4	94,712
1	114	1	8,999	1	19,798	1	30,421	1	41,122	1	51,893	1	62,664	1	73,406	1	84,162	1	94,936
1/4	171	1/4	9,224	1/4	20,023	1/4	30,639	1/4	41,346	1/4	52,117	1/4	62,888	1/4	73,629	1/4	84,386	1/4	95,161
1/2	227	1/2	9,449	1/2	20,248	1/2	30,858	1/2	41,571	1/2	52,342	1/2	63,113	1/2	73,853	1/2	84,611	1/2	95,385
3/4	283	3/4	9,674	3/4	20,473	3/4	31,076	3/4	41,795	3/4	52,566	3/4	63,337	3/4	74,076	3/4	84,835	3/4	95,610
2	339	2	9,899	2	20,698	2	31,295	2	42,020	2	52,791	2	63,562	2	74,299	2	85,060	2	95,834
1/4	433	1/4	10,124	1/4	20,923	1/4	31,514	1/4	42,244	1/4	53,015	1/4	63,786	1/4	74,522	1/4	85,284	1/4	96,059
1/2	527	1/2	10,349	1/2	21,148	1/2	31,732	1/2	42,468	1/2	53,239	1/2	64,010	1/2	74,745	1/2	85,509	1/2	96,283
3/4	621	3/4	10,574	3/4	21,373	3/4	31,951	3/4	42,693	3/4	53,464	3/4	64,235	3/4	74,968	3/4	85,733	3/4	96,507
3	714	3	10,799	3	21,598	3	32,169	3	42,917	3	53,688	3	64,459	3	75,191	3	85,958	3	96,732
1/4	845	1/4	11,024	1/4	21,823	1/4	32,388	1/4	43,141	1/4	53,913	1/4	64,684	1/4	75,414	1/4	86,182	1/4	96,956
1/2	977	1/2	11,249	1/2	22,048	1/2	32,606	1/2	43,366	1/2	54,137	1/2	64,908	1/2	75,637	1/2	86,406	1/2	97,181
3/4	1,108	3/4	11,474	3/4	22,273	3/4	32,825	3/4	43,590	3/4	54,361	3/4	65,132	3/4	75,860	3/4	86,631	3/4	97,405
4	1,239	4	11,699	4	22,498	4	33,044	4	43,815	4	54,586	4	65,357	4	76,083	4	86,855	4	97,630
1/4	1,408	1/4	11,924	1/4	22,723	1/4	33,268	1/4	44,039	1/4	54,810	1/4	65,581	1/4	76,307	1/4	87,080	1/4	97,854
1/2	1,576	1/2	12,149	1/2	22,948	1/2	33,492	1/2	44,263	1/2	55,035	1/2	65,806	1/2	76,531	1/2	87,304	1/2	98,079
3/4	1,745	3/4	12,374	3/4	23,172	3/4	33,717	3/4	44,488	3/4	55,259	3/4	66,030	3/4	76,754	3/4	87,529	3/4	98,303
5	1,914	5	12,598	5	23,397	5	33,941	5	44,712	5	55,483	5	66,254	5	76,978	5	87,753	5	98,528
1/4	2,119	1/4	12,823	1/4	23,622	1/4	34,166	1/4	44,937	1/4	55,708	1/4	66,479	1/4	77,202	1/4	87,978	1/4	98,752
1/2	2,325	1/2	13,048	1/2	23,847	1/2	34,390	1/2	45,161	1/2	55,932	1/2	66,703	1/2	77,427	1/2	88,202	1/2	98,977
3/4	2,531	3/4	13,273	3/4	24,072	3/4	34,614	3/4	45,385	3/4	56,157	3/4	66,928	3/4	77,651	3/4	88,427	3/4	99,201
6	2,736	6	13,498	6	24,297	6	34,839	6	45,610	6	56,381	6	67,152	6	77,876	6	88,651	6	99,425
1/4	2,957	1/4	13,723	1/4	24,516	1/4	35,063	1/4	45,834	1/4	56,605	1/4	67,376	1/4	78,100	1/4	88,876	1/4	99,650
1/2	3,177	1/2	13,948	1/2	24,735	1/2	35,288	1/2	46,059	1/2	56,830	1/2	67,600	1/2	78,325	1/2	89,100	1/2	99,874
3/4	3,398	3/4	14,173	3/4	24,954	3/4	35,512	3/4	46,283	3/4	57,054	3/4	67,823	3/4	78,549	3/4	89,325	3/4	100,099
7	3,618	7	14,398	7	25,173	7	35,736	7	46,507	7	57,279	7	68,047	7	78,774	7	89,549	7	100,323
1/4	3,841	1/4	14,623	1/4	25,392	1/4	35,961	1/4	46,732	1/4	57,503	1/4	68,271	1/4	78,998	1/4	89,773	1/4	100,548
1/2	4,063	1/2	14,848	1/2	25,611	1/2	36,185	1/2	46,956	1/2	57,727	1/2	68,495	1/2	79,223	1/2	89,998	1/2	100,772
3/4	4,286	3/4	15,073	3/4	25,830	3/4	36,410	3/4	47,181	3/4	57,952	3/4	68,719	3/4	79,447	3/4	90,222	3/4	100,997
8	4,508	8	15,298	8	26,049	8	36,634	8	47,405	8	58,176	8	68,942	8	79,672	8	90,447	8	101,221
1/4	4,732	1/4	15,523	1/4	26,268	1/4	36,858	1/4	47,629	1/4	58,400	1/4	69,166	1/4	79,896	1/4	90,671	1/4	101,446
1/2	4,955	1/2	15,748	1/2	26,486	1/2	37,083	1/2	47,854	1/2	58,625	1/2	69,390	1/2	80,121	1/2	90,896	1/2	101,670
3/4	5,179	3/4	15,973	3/4	26,705	3/4	37,307	3/4	48,078	3/4	58,849	3/4	69,614	3/4	80,345	3/4	91,120	3/4	101,895
9	5,403	9	16,198	9	26,923	9	37,532	9	48,303	9	59,074	9	69,838	9	80,570	9	91,345	9	102,119
1/4	5,627	1/4	16,423	1/4	27,142	1/4	37,756	1/4	48,527	1/4	59,298	1/4	70,061	1/4	80,794	1/4	91,569	1/4	102,344
1/2	5,851	1/2	16,648	1/2	27,361	1/2	37,980	1/2	48,751	1/2	59,522	1/2	70,284	1/2	81,019	1/2	91,794	1/2	102,568
3/4	6,076	3/4	16,873	3/4	27,579	3/4	38,205	3/4	48,976	3/4	59,747	3/4	70,507	3/4	81,243	3/4	92,018	3/4	102,792
10	6,300	10	17,098	10	27,798	10	38,429	10	49,200	10	59,971	10	70,730	10	81,468	10	92,243	10	103,017
1/4	6,525	1/4	17,323	1/4	28,016	1/4	38,654	1/4	49,425	1/4	60,196	1/4	70,953	1/4	81,692	1/4	92,467	1/4	103,241
1/2	6,750	1/2	17,548	1/2	28,235	1/2	38,878	1/2	49,649	1/2	60,420	1/2	71,176	1/2	81,917	1/2	92,692	1/2	103,466
3/4	6,974	3/4	17,773	3/4	28,453	3/4	39,102	3/4	49,873	3/4	60,644	3/4	71,399	3/4	82,141	3/4	92,916	3/4	103,690
11	7,199	11	17,998	11	28,672	11	39,327	11	50,098	11	60,869	11	71,622	11	82,366	11	93,140	11	103,915
1/4	7,424	1/4	18,223	1/4	28,891	1/4	39,551	1/4	50,322	1/4	61,093	1/4	71,845	1/4	82,590	1/4	93,365	1/4	104,139
1/2	7,649	1/2	18,448	1/2	29,109	1/2	39,776	1/2	50,547	1/2	61,318	1/2	72,068	1/2	82,815	1/2	93,589	1/2	104,364
3/4	7,874	3/4	18,673	3/4	29,328	3/4	40,000	3/4	50,771	3/4	61,542	3/4	72,291	3/4	83,039	3/4	93,814	3/4	104,588

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 1344"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,813	0	114,923	0	124,392	0	133,818	0	143,229	0		0		0		0		0	
1/4	105,037	1/4	115,120	1/4	124,588	1/4	134,015	1/4	143,423	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,261	1/2	115,318	1/2	124,785	1/2	134,212	1/2	143,618	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,485	3/4	115,515	3/4	124,982	3/4	134,409	3/4	143,813	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,710	1	115,712	1	125,179	1	134,605	1	144,007	1	1	1	1	1	1	1	1	1	1
1/4	105,934	1/4	115,909	1/4	125,375	1/4	134,802	1/4	144,202	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,158	1/2	116,107	1/2	125,572	1/2	134,999	1/2	144,397	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,382	3/4	116,304	3/4	125,769	3/4	135,196	3/4	144,591	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,606	2	116,501	2	125,966	2	135,392	2	144,786	2	2	2	2	2	2	2	2	2	2
1/4	106,831	1/4	116,698	1/4	126,162	1/4	135,589	1/4	144,990	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,055	1/2	116,896	1/2	126,359	1/2	135,786	1/2	145,193	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,279	3/4	117,093	3/4	126,556	3/4	135,982	3/4	145,397	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,503	3	117,290	3	126,753	3	136,179	3	145,600	3	3	3	3	3	3	3	3	3	3
1/4	107,728	1/4	117,487	1/4	126,949	1/4	136,376	1/4	145,766	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,952	1/2	117,685	1/2	127,146	1/2	136,573	1/2	145,932	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,176	3/4	117,882	3/4	127,343	3/4	136,769	3/4	146,099	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,400	4	118,079	4	127,540	4	136,966	4	146,265	4	4	4	4	4	4	4	4	4	4
1/4	108,624	1/4	118,277	1/4	127,736	1/4	137,163	1/4	146,393	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,849	1/2	118,474	1/2	127,933	1/2	137,360	1/2	146,522	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,073	3/4	118,671	3/4	128,130	3/4	137,556	3/4	146,650	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,297	5	118,868	5	128,327	5	137,753	5	146,779	5	5	5	5	5	5	5	5	5	5
1/4	109,521	1/4	119,066	1/4	128,523	1/4	137,950	1/4	146,870	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,745	1/2	119,263	1/2	128,720	1/2	138,147	1/2	146,961	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,970	3/4	119,460	3/4	128,917	3/4	138,343	3/4	147,052	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,194	6	119,657	6	129,113	6	138,540	6	147,143	6	6	6	6	6	6	6	6	6	6
1/4	110,391	1/4	119,855	1/4	129,310	1/4	138,737	1/4	147,197	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,588	1/2	120,052	1/2	129,506	1/2	138,934	1/2	147,250	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,785	3/4	120,249	3/4	129,702	3/4	139,130	3/4	147,304	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,982	7	120,446	7	129,898	7	139,327	7	147,358	7	7	7	7	7	7	7	7	7	7
1/4	111,179	1/4	120,644	1/4	130,094	1/4	139,524	1/4	147,374	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,376	1/2	120,841	1/2	130,290	1/2	139,721	1/2	147,390	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,573	3/4	121,038	3/4	130,486	3/4	139,917	3/4	147,406	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,770	8	121,236	8	130,682	8	140,114	8	147,422	8	8	8	8	8	8	8	8	8	8
1/4	111,967	1/4	121,433	1/4	130,878	1/4	140,309	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,164	1/2	121,630	1/2	131,074	1/2	140,503	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,361	3/4	121,827	3/4	131,270	3/4	140,698	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,558	9	122,025	9	131,466	9	140,893	9		9	9	9	9	9	9	9	9	9	9
1/4	112,756	1/4	122,222	1/4	131,662	1/4	141,087	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,953	1/2	122,419	1/2	131,858	1/2	141,282	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,150	3/4	122,616	3/4	132,054	3/4	141,477	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,347	10	122,814	10	132,250	10	141,671	10		10	10	10	10	10	10	10	10	10	10
1/4	113,544	1/4	123,011	1/4	132,446	1/4	141,866	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,741	1/2	123,208	1/2	132,642	1/2	142,061	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,938	3/4	123,405	3/4	132,838	3/4	142,255	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,135	11	123,603	11	133,034	11	142,450	11		11	11	11	11	11	11	11	11	11	11
1/4	114,332	1/4	123,800	1/4	133,230	1/4	142,645	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,529	1/2	123,997	1/2	133,426	1/2	142,839	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,726	3/4	124,194	3/4	133,622	3/4	143,034	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: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
PRINTED: 02/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

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



BARGE "CBC 1344"

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	9,050	0	21,123	0	33,050	0	44,976	0	57,050	0	69,123	0	81,197	0	93,270	0	105,342
1/4	60	1/4	9,302	1/4	21,375	1/4	33,294	1/4	45,228	1/4	57,301	1/4	69,375	1/4	81,448	1/4	93,522	1/4	105,593
1/2	81	1/2	9,553	1/2	21,626	1/2	33,538	1/2	45,479	1/2	57,553	1/2	69,626	1/2	81,700	1/2	93,773	1/2	105,845
3/4	102	3/4	9,805	3/4	21,878	3/4	33,782	3/4	45,731	3/4	57,804	3/4	69,878	3/4	81,951	3/4	94,025	3/4	106,096
1	123	1	10,056	1	22,129	1	34,026	1	45,982	1	58,056	1	70,129	1	82,203	1	94,276	1	106,348
1/4	186	1/4	10,308	1/4	22,381	1/4	34,270	1/4	46,234	1/4	58,307	1/4	70,381	1/4	82,455	1/4	94,528	1/4	106,599
1/2	249	1/2	10,559	1/2	22,632	1/2	34,514	1/2	46,485	1/2	58,559	1/2	70,633	1/2	82,706	1/2	94,779	1/2	106,851
3/4	312	3/4	10,811	3/4	22,884	3/4	34,758	3/4	46,737	3/4	58,811	3/4	70,884	3/4	82,958	3/4	95,031	3/4	107,102
2	375	2	11,062	2	23,135	2	35,003	2	46,989	2	59,062	2	71,136	2	83,209	2	95,282	2	107,354
1/4	479	1/4	11,314	1/4	23,387	1/4	35,247	1/4	47,240	1/4	59,314	1/4	71,387	1/4	83,461	1/4	95,534	1/4	107,605
1/2	584	1/2	11,565	1/2	23,638	1/2	35,491	1/2	47,492	1/2	59,565	1/2	71,639	1/2	83,712	1/2	95,785	1/2	107,857
3/4	689	3/4	11,817	3/4	23,890	3/4	35,735	3/4	47,743	3/4	59,817	3/4	71,890	3/4	83,964	3/4	96,037	3/4	108,108
3	794	3	12,068	3	24,141	3	35,979	3	47,995	3	60,068	3	72,142	3	84,215	3	96,288	3	108,360
1/4	940	1/4	12,320	1/4	24,393	1/4	36,223	1/4	48,246	1/4	60,320	1/4	72,393	1/4	84,467	1/4	96,540	1/4	108,611
1/2	1,087	1/2	12,571	1/2	24,645	1/2	36,467	1/2	48,498	1/2	60,571	1/2	72,645	1/2	84,718	1/2	96,791	1/2	108,863
3/4	1,234	3/4	12,823	3/4	24,896	3/4	36,711	3/4	48,749	3/4	60,823	3/4	72,896	3/4	84,970	3/4	97,043	3/4	109,114
4	1,381	4	13,074	4	25,148	4	36,955	4	49,001	4	61,074	4	73,148	4	85,221	4	97,294	4	109,366
1/4	1,569	1/4	13,326	1/4	25,399	1/4	37,200	1/4	49,252	1/4	61,326	1/4	73,399	1/4	85,473	1/4	97,546	1/4	109,617
1/2	1,758	1/2	13,578	1/2	25,651	1/2	37,444	1/2	49,504	1/2	61,577	1/2	73,651	1/2	85,724	1/2	97,797	1/2	109,869
3/4	1,947	3/4	13,829	3/4	25,902	3/4	37,689	3/4	49,755	3/4	61,829	3/4	73,902	3/4	85,976	3/4	98,049	3/4	110,120
5	2,135	5	14,081	5	26,154	5	37,933	5	50,007	5	62,080	5	74,154	5	86,228	5	98,300	5	110,372
1/4	2,365	1/4	14,332	1/4	26,405	1/4	38,185	1/4	50,258	1/4	62,332	1/4	74,406	1/4	86,479	1/4	98,552	1/4	110,623
1/2	2,595	1/2	14,584	1/2	26,657	1/2	38,436	1/2	50,510	1/2	62,584	1/2	74,657	1/2	86,731	1/2	98,803	1/2	110,875
3/4	2,825	3/4	14,835	3/4	26,908	3/4	38,688	3/4	50,761	3/4	62,835	3/4	74,909	3/4	86,982	3/4	99,055	3/4	111,126
6	3,055	6	15,087	6	27,160	6	38,939	6	51,013	6	63,087	6	75,160	6	87,234	6	99,306	6	111,378
1/4	3,301	1/4	15,338	1/4	27,411	1/4	39,191	1/4	51,265	1/4	63,338	1/4	75,412	1/4	87,485	1/4	99,558	1/4	111,629
1/2	3,548	1/2	15,590	1/2	27,663	1/2	39,443	1/2	51,516	1/2	63,590	1/2	75,663	1/2	87,737	1/2	99,809	1/2	111,881
3/4	3,794	3/4	15,841	3/4	27,914	3/4	39,694	3/4	51,768	3/4	63,841	3/4	75,915	3/4	87,988	3/4	100,061	3/4	112,132
7	4,041	7	16,093	7	28,166	7	39,946	7	52,019	7	64,093	7	76,166	7	88,240	7	100,312	7	112,384
1/4	4,290	1/4	16,344	1/4	28,410	1/4	40,197	1/4	52,271	1/4	64,344	1/4	76,418	1/4	88,491	1/4	100,564	1/4	112,635
1/2	4,538	1/2	16,596	1/2	28,655	1/2	40,449	1/2	52,522	1/2	64,596	1/2	76,669	1/2	88,743	1/2	100,815	1/2	112,887
3/4	4,787	3/4	16,847	3/4	28,899	3/4	40,700	3/4	52,774	3/4	64,847	3/4	76,921	3/4	88,994	3/4	101,067	3/4	113,138
8	5,036	8	17,099	8	29,144	8	40,952	8	53,025	8	65,099	8	77,172	8	89,246	8	101,318	8	113,390
1/4	5,286	1/4	17,350	1/4	29,388	1/4	41,203	1/4	53,277	1/4	65,350	1/4	77,424	1/4	89,497	1/4	101,570	1/4	113,641
1/2	5,536	1/2	17,602	1/2	29,632	1/2	41,455	1/2	53,528	1/2	65,602	1/2	77,675	1/2	89,749	1/2	101,821	1/2	113,892
3/4	5,786	3/4	17,853	3/4	29,876	3/4	41,706	3/4	53,780	3/4	65,853	3/4	77,927	3/4	90,001	3/4	102,073	3/4	114,144
9	6,036	9	18,105	9	30,120	9	41,958	9	54,031	9	66,105	9	78,178	9	90,252	9	102,324	9	114,395
1/4	6,286	1/4	18,356	1/4	30,364	1/4	42,209	1/4	54,283	1/4	66,356	1/4	78,430	1/4	90,504	1/4	102,576	1/4	114,647
1/2	6,537	1/2	18,608	1/2	30,608	1/2	42,461	1/2	54,534	1/2	66,608	1/2	78,682	1/2	90,755	1/2	102,827	1/2	114,898
3/4	6,788	3/4	18,860	3/4	30,853	3/4	42,712	3/4	54,786	3/4	66,860	3/4	78,933	3/4	91,007	3/4	103,078	3/4	115,150
10	7,039	10	19,111	10	31,097	10	42,964	10	55,038	10	67,111	10	79,185	10	91,258	10	103,330	10	115,401
1/4	7,290	1/4	19,363	1/4	31,341	1/4	43,216	1/4	55,289	1/4	67,363	1/4	79,436	1/4	91,510	1/4	103,581	1/4	115,653
1/2	7,542	1/2	19,614	1/2	31,585	1/2	43,467	1/2	55,541	1/2	67,614	1/2	79,688	1/2	91,761	1/2	103,833	1/2	115,904
3/4	7,793	3/4	19,866	3/4	31,829	3/4	43,719	3/4	55,792	3/4	67,866	3/4	79,939	3/4	92,013	3/4	104,084	3/4	116,156
11	8,044	11	20,117	11	32,073	11	43,970	11	56,044	11	68,117	11	80,191	11	92,264	11	104,336	11	116,407
1/4	8,296	1/4	20,369	1/4	32,317	1/4	44,222	1/4	56,295	1/4	68,369	1/4	80,442	1/4	92,516	1/4	104,587	1/4	116,659
1/2	8,547	1/2	20,620	1/2	32,561	1/2	44,473	1/2	56,547	1/2	68,620	1/2	80,694	1/2	92,767	1/2	104,839	1/2	116,910
3/4	8,799	3/4	20,872	3/4	32,805	3/4	44,725	3/4	56,798	3/4	68,872	3/4	80,945	3/4	93,019	3/4	105,090	3/4	117,162

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1344"

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	117,413	0	129,485	0	141,556	0	153,561	0	165,528	0		0		0		0		0	
1/4	117,665	1/4	129,736	1/4	141,806	1/4	153,811	1/4	165,776	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,916	1/2	129,988	1/2	142,056	1/2	154,061	1/2	166,024	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,168	3/4	130,239	3/4	142,307	3/4	154,311	3/4	166,271	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,419	1	130,491	1	142,557	1	154,561	1	166,519	1	1	1	1	1	1	1	1	1	1
1/4	118,671	1/4	130,742	1/4	142,807	1/4	154,811	1/4	166,767	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,922	1/2	130,994	1/2	143,057	1/2	155,061	1/2	167,015	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,174	3/4	131,245	3/4	143,307	3/4	155,311	3/4	167,262	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,425	2	131,497	2	143,557	2	155,561	2	167,510	2	2	2	2	2	2	2	2	2	2
1/4	119,677	1/4	131,748	1/4	143,807	1/4	155,811	1/4	167,737	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,928	1/2	132,000	1/2	144,057	1/2	156,062	1/2	167,964	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,180	3/4	132,251	3/4	144,307	3/4	156,312	3/4	168,191	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,431	3	132,503	3	144,557	3	156,562	3	168,417	3	3	3	3	3	3	3	3	3	3
1/4	120,683	1/4	132,754	1/4	144,807	1/4	156,812	1/4	168,602	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,934	1/2	133,006	1/2	145,058	1/2	157,062	1/2	168,787	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,186	3/4	133,257	3/4	145,308	3/4	157,312	3/4	168,972	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,437	4	133,509	4	145,558	4	157,562	4	169,157	4	4	4	4	4	4	4	4	4	4
1/4	121,689	1/4	133,760	1/4	145,808	1/4	157,812	1/4	169,300	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,940	1/2	134,012	1/2	146,058	1/2	158,062	1/2	169,443	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,192	3/4	134,263	3/4	146,308	3/4	158,312	3/4	169,586	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,443	5	134,515	5	146,558	5	158,562	5	169,729	5	5	5	5	5	5	5	5	5	5
1/4	122,695	1/4	134,766	1/4	146,808	1/4	158,813	1/4	169,830	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,946	1/2	135,018	1/2	147,058	1/2	159,063	1/2	169,931	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,198	3/4	135,269	3/4	147,308	3/4	159,313	3/4	170,032	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,449	6	135,521	6	147,558	6	159,563	6	170,133	6	6	6	6	6	6	6	6	6	6
1/4	123,701	1/4	135,772	1/4	147,809	1/4	159,813	1/4	170,192	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,952	1/2	136,024	1/2	148,059	1/2	160,063	1/2	170,251	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,204	3/4	136,275	3/4	148,309	3/4	160,313	3/4	170,311	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,455	7	136,526	7	148,559	7	160,563	7	170,370	7	7	7	7	7	7	7	7	7	7
1/4	124,707	1/4	136,778	1/4	148,809	1/4	160,813	1/4	170,387	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,958	1/2	137,029	1/2	149,059	1/2	161,063	1/2	170,404	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,209	3/4	137,281	3/4	149,309	3/4	161,313	3/4	170,421	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,461	8	137,532	8	149,559	8	161,564	8	170,439	8	8	8	8	8	8	8	8	8	8
1/4	125,712	1/4	137,784	1/4	149,809	1/4	161,811	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,964	1/2	138,035	1/2	150,059	1/2	162,059	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,215	3/4	138,287	3/4	150,309	3/4	162,307	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,467	9	138,538	9	150,560	9	162,555	9		9	9	9	9	9	9	9	9	9	9
1/4	126,718	1/4	138,790	1/4	150,810	1/4	162,802	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,970	1/2	139,041	1/2	151,060	1/2	163,050	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,221	3/4	139,293	3/4	151,310	3/4	163,298	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,473	10	139,544	10	151,560	10	163,546	10		10	10	10	10	10	10	10	10	10	10
1/4	127,724	1/4	139,796	1/4	151,810	1/4	163,794	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,976	1/2	140,047	1/2	152,060	1/2	164,041	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,227	3/4	140,299	3/4	152,310	3/4	164,289	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,479	11	140,550	11	152,560	11	164,537	11		11	11	11	11	11	11	11	11	11	11
1/4	128,730	1/4	140,802	1/4	152,810	1/4	164,785	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,982	1/2	141,053	1/2	153,060	1/2	165,032	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,233	3/4	141,305	3/4	153,311	3/4	165,280	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: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

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BARGE "CBC 1344"

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	8,041	0	18,763	0	29,470	0	40,180	0	50,902	0	61,624	0	72,345	0	83,067	0	93,787
1/4	58	1/4	8,265	1/4	18,986	1/4	29,692	1/4	40,403	1/4	51,125	1/4	61,847	1/4	72,569	1/4	83,290	1/4	94,010
1/2	77	1/2	8,488	1/2	19,209	1/2	29,915	1/2	40,627	1/2	51,348	1/2	62,070	1/2	72,792	1/2	83,514	1/2	94,234
3/4	95	3/4	8,711	3/4	19,433	3/4	30,138	3/4	40,850	3/4	51,572	3/4	62,294	3/4	73,015	3/4	83,737	3/4	94,457
1	114	1	8,935	1	19,656	1	30,360	1	41,073	1	51,795	1	62,517	1	73,239	1	83,960	1	94,680
1/4	170	1/4	9,158	1/4	19,879	1/4	30,583	1/4	41,297	1/4	52,019	1/4	62,740	1/4	73,462	1/4	84,184	1/4	94,904
1/2	225	1/2	9,381	1/2	20,103	1/2	30,806	1/2	41,520	1/2	52,242	1/2	62,964	1/2	73,686	1/2	84,407	1/2	95,127
3/4	281	3/4	9,605	3/4	20,326	3/4	31,028	3/4	41,744	3/4	52,465	3/4	63,187	3/4	73,909	3/4	84,630	3/4	95,350
2	337	2	9,828	2	20,549	2	31,251	2	41,967	2	52,689	2	63,410	2	74,132	2	84,854	2	95,574
1/4	430	1/4	10,051	1/4	20,773	1/4	31,474	1/4	42,190	1/4	52,912	1/4	63,634	1/4	74,356	1/4	85,077	1/4	95,797
1/2	523	1/2	10,275	1/2	20,996	1/2	31,696	1/2	42,414	1/2	53,135	1/2	63,857	1/2	74,579	1/2	85,300	1/2	96,020
3/4	616	3/4	10,498	3/4	21,220	3/4	31,919	3/4	42,637	3/4	53,359	3/4	64,081	3/4	74,802	3/4	85,524	3/4	96,244
3	709	3	10,722	3	21,443	3	32,142	3	42,860	3	53,582	3	64,304	3	75,026	3	85,747	3	96,467
1/4	840	1/4	10,945	1/4	21,666	1/4	32,364	1/4	43,084	1/4	53,806	1/4	64,527	1/4	75,249	1/4	85,970	1/4	96,690
1/2	970	1/2	11,168	1/2	21,890	1/2	32,587	1/2	43,307	1/2	54,029	1/2	64,751	1/2	75,472	1/2	86,194	1/2	96,914
3/4	1,100	3/4	11,392	3/4	22,113	3/4	32,809	3/4	43,531	3/4	54,252	3/4	64,974	3/4	75,696	3/4	86,417	3/4	97,137
4	1,230	4	11,615	4	22,336	4	33,032	4	43,754	4	54,476	4	65,197	4	75,919	4	86,640	4	97,360
1/4	1,398	1/4	11,838	1/4	22,560	1/4	33,256	1/4	43,977	1/4	54,699	1/4	65,421	1/4	76,143	1/4	86,864	1/4	97,584
1/2	1,566	1/2	12,062	1/2	22,783	1/2	33,479	1/2	44,201	1/2	54,922	1/2	65,644	1/2	76,366	1/2	87,087	1/2	97,807
3/4	1,733	3/4	12,285	3/4	23,006	3/4	33,702	3/4	44,424	3/4	55,146	3/4	65,868	3/4	76,589	3/4	87,310	3/4	98,030
5	1,901	5	12,508	5	23,230	5	33,926	5	44,647	5	55,369	5	66,091	5	76,813	5	87,534	5	98,254
1/4	2,105	1/4	12,732	1/4	23,453	1/4	34,149	1/4	44,871	1/4	55,593	1/4	66,314	1/4	77,036	1/4	87,757	1/4	98,477
1/2	2,309	1/2	12,955	1/2	23,676	1/2	34,372	1/2	45,094	1/2	55,816	1/2	66,538	1/2	77,259	1/2	87,980	1/2	98,700
3/4	2,513	3/4	13,179	3/4	23,900	3/4	34,596	3/4	45,318	3/4	56,039	3/4	66,761	3/4	77,483	3/4	88,204	3/4	98,924
6	2,717	6	13,402	6	24,123	6	34,819	6	45,541	6	56,263	6	66,984	6	77,706	6	88,427	6	99,147
1/4	2,936	1/4	13,625	1/4	24,346	1/4	35,042	1/4	45,764	1/4	56,486	1/4	67,208	1/4	77,930	1/4	88,650	1/4	99,370
1/2	3,155	1/2	13,849	1/2	24,569	1/2	35,266	1/2	45,988	1/2	56,709	1/2	67,431	1/2	78,153	1/2	88,874	1/2	99,594
3/4	3,374	3/4	14,072	3/4	24,792	3/4	35,489	3/4	46,211	3/4	56,933	3/4	67,655	3/4	78,376	3/4	89,097	3/4	99,817
7	3,593	7	14,295	7	25,015	7	35,713	7	46,434	7	57,156	7	67,878	7	78,600	7	89,320	7	100,040
1/4	3,814	1/4	14,519	1/4	25,238	1/4	35,936	1/4	46,658	1/4	57,379	1/4	68,101	1/4	78,823	1/4	89,544	1/4	100,264
1/2	4,035	1/2	14,742	1/2	25,461	1/2	36,159	1/2	46,881	1/2	57,603	1/2	68,325	1/2	79,046	1/2	89,767	1/2	100,487
3/4	4,255	3/4	14,965	3/4	25,684	3/4	36,383	3/4	47,104	3/4	57,826	3/4	68,548	3/4	79,270	3/4	89,990	3/4	100,710
8	4,476	8	15,189	8	25,907	8	36,606	8	47,328	8	58,050	8	68,771	8	79,493	8	90,214	8	100,934
1/4	4,698	1/4	15,412	1/4	26,130	1/4	36,829	1/4	47,551	1/4	58,273	1/4	68,995	1/4	79,717	1/4	90,437	1/4	101,157
1/2	4,920	1/2	15,635	1/2	26,353	1/2	37,053	1/2	47,775	1/2	58,496	1/2	69,218	1/2	79,940	1/2	90,660	1/2	101,380
3/4	5,142	3/4	15,859	3/4	26,575	3/4	37,276	3/4	47,998	3/4	58,720	3/4	69,441	3/4	80,163	3/4	90,884	3/4	101,604
9	5,364	9	16,082	9	26,798	9	37,500	9	48,221	9	58,943	9	69,665	9	80,387	9	91,107	9	101,827
1/4	5,587	1/4	16,306	1/4	27,021	1/4	37,723	1/4	48,445	1/4	59,166	1/4	69,888	1/4	80,610	1/4	91,330	1/4	102,050
1/2	5,810	1/2	16,529	1/2	27,243	1/2	37,946	1/2	48,668	1/2	59,390	1/2	70,112	1/2	80,833	1/2	91,554	1/2	102,274
3/4	6,032	3/4	16,752	3/4	27,466	3/4	38,170	3/4	48,891	3/4	59,613	3/4	70,335	3/4	81,057	3/4	91,777	3/4	102,497
10	6,255	10	16,976	10	27,688	10	38,393	10	49,115	10	59,837	10	70,558	10	81,280	10	92,000	10	102,720
1/4	6,478	1/4	17,199	1/4	27,911	1/4	38,616	1/4	49,338	1/4	60,060	1/4	70,782	1/4	81,503	1/4	92,224	1/4	102,944
1/2	6,702	1/2	17,422	1/2	28,134	1/2	38,840	1/2	49,562	1/2	60,283	1/2	71,005	1/2	81,727	1/2	92,447	1/2	103,167
3/4	6,925	3/4	17,646	3/4	28,356	3/4	39,063	3/4	49,785	3/4	60,507	3/4	71,228	3/4	81,950	3/4	92,670	3/4	103,390
11	7,148	11	17,869	11	28,579	11	39,287	11	50,008	11	60,730	11	71,452	11	82,174	11	92,894	11	103,614
1/4	7,371	1/4	18,092	1/4	28,802	1/4	39,510	1/4	50,232	1/4	60,953	1/4	71,675	1/4	82,397	1/4	93,117	1/4	103,837
1/2	7,595	1/2	18,316	1/2	29,024	1/2	39,733	1/2	50,455	1/2	61,177	1/2	71,899	1/2	82,620	1/2	93,340	1/2	104,060
3/4	7,818	3/4	18,539	3/4	29,247	3/4	39,957	3/4	50,678	3/4	61,400	3/4	72,122	3/4	82,844	3/4	93,564	3/4	104,284

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1344"

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	104,507	0	115,227	0	125,947	0	136,608	0	147,236	0		0		0		0		0	
1/4	104,730	1/4	115,450	1/4	126,169	1/4	136,830	1/4	147,456	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,954	1/2	115,674	1/2	126,391	1/2	137,052	1/2	147,676	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,177	3/4	115,897	3/4	126,613	3/4	137,274	3/4	147,897	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,400	1	116,120	1	126,835	1	137,496	1	148,117	1	1	1	1	1	1	1	1	1	1
1/4	105,624	1/4	116,344	1/4	127,057	1/4	137,719	1/4	148,337	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,847	1/2	116,567	1/2	127,280	1/2	137,941	1/2	148,557	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,070	3/4	116,790	3/4	127,502	3/4	138,163	3/4	148,777	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,294	2	117,014	2	127,724	2	138,385	2	148,997	2	2	2	2	2	2	2	2	2	2
1/4	106,517	1/4	117,237	1/4	127,946	1/4	138,607	1/4	149,198	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,740	1/2	117,460	1/2	128,168	1/2	138,829	1/2	149,400	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,964	3/4	117,684	3/4	128,390	3/4	139,051	3/4	149,601	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,187	3	117,907	3	128,612	3	139,273	3	149,803	3	3	3	3	3	3	3	3	3	3
1/4	107,410	1/4	118,130	1/4	128,834	1/4	139,495	1/4	149,967	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,634	1/2	118,354	1/2	129,056	1/2	139,718	1/2	150,131	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,857	3/4	118,577	3/4	129,278	3/4	139,940	3/4	150,295	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,080	4	118,800	4	129,501	4	140,162	4	150,459	4	4	4	4	4	4	4	4	4	4
1/4	108,304	1/4	119,024	1/4	129,723	1/4	140,384	1/4	150,586	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,527	1/2	119,247	1/2	129,945	1/2	140,606	1/2	150,713	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,750	3/4	119,470	3/4	130,167	3/4	140,828	3/4	150,840	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,974	5	119,694	5	130,389	5	141,050	5	150,967	5	5	5	5	5	5	5	5	5	5
1/4	109,197	1/4	119,917	1/4	130,611	1/4	141,272	1/4	151,057	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,420	1/2	120,140	1/2	130,833	1/2	141,494	1/2	151,147	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,644	3/4	120,364	3/4	131,055	3/4	141,717	3/4	151,237	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,867	6	120,587	6	131,277	6	141,939	6	151,326	6	6	6	6	6	6	6	6	6	6
1/4	110,090	1/4	120,810	1/4	131,500	1/4	142,161	1/4	151,379	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,314	1/2	121,034	1/2	131,722	1/2	142,383	1/2	151,431	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,537	3/4	121,257	3/4	131,944	3/4	142,605	3/4	151,484	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,760	7	121,480	7	132,166	7	142,827	7	151,536	7	7	7	7	7	7	7	7	7	7
1/4	110,984	1/4	121,704	1/4	132,388	1/4	143,049	1/4	151,552	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,207	1/2	121,927	1/2	132,610	1/2	143,271	1/2	151,567	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,430	3/4	122,150	3/4	132,832	3/4	143,493	3/4	151,582	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,654	8	122,374	8	133,054	8	143,715	8	151,598	8	8	8	8	8	8	8	8	8	8
1/4	111,877	1/4	122,597	1/4	133,276	1/4	143,936	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,100	1/2	122,820	1/2	133,499	1/2	144,156	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,324	3/4	123,044	3/4	133,721	3/4	144,376	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,547	9	123,267	9	133,943	9	144,596	9		9	9	9	9	9	9	9	9	9	9
1/4	112,770	1/4	123,490	1/4	134,165	1/4	144,816	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,994	1/2	123,714	1/2	134,387	1/2	145,036	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,217	3/4	123,937	3/4	134,609	3/4	145,256	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,440	10	124,160	10	134,831	10	145,476	10	10	10	10	10	10	10	10	10	10	10	10
1/4	113,664	1/4	124,384	1/4	135,053	1/4	145,696	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,887	1/2	124,607	1/2	135,275	1/2	145,916	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,110	3/4	124,830	3/4	135,497	3/4	146,136	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,334	11	125,054	11	135,720	11	146,356	11		11	11	11	11	11	11	11	11	11	11
1/4	114,557	1/4	125,277	1/4	135,942	1/4	146,576	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,780	1/2	125,500	1/2	136,164	1/2	146,796	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,004	3/4	125,724	3/4	136,386	3/4	147,016	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: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
PRINTED: 02/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

PRECISION MEASUREMENT
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BARGE "CBC 1344"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

February 20, 2012

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1344"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	147,390	0	139,721	0	130,290	0	120,841	0	111,376	0	100,772	0	89,998	0	79,223		
1/4	1/4	1/4	147,374	1/4	139,524	1/4	130,094	1/4	120,644	1/4	111,179	1/4	100,548	1/4	89,773	1/4	78,998		
1/2	1/2	1/2	147,358	1/2	139,327	1/2	129,898	1/2	120,446	1/2	110,982	1/2	100,323	1/2	89,549	1/2	78,774		
3/4	3/4	3/4	147,304	3/4	139,130	3/4	129,702	3/4	120,249	3/4	110,785	3/4	100,099	3/4	89,325	3/4	78,549		
1	1	1	147,250	1	138,934	1	129,506	1	120,052	1	110,588	1	99,874	1	89,100	1	78,325		
1/4	1/4	1/4	147,197	1/4	138,737	1/4	129,310	1/4	119,855	1/4	110,391	1/4	99,650	1/4	88,876	1/4	78,100		
1/2	1/2	1/2	147,143	1/2	138,540	1/2	129,113	1/2	119,657	1/2	110,194	1/2	99,425	1/2	88,651	1/2	77,876		
3/4	3/4	3/4	147,052	3/4	138,343	3/4	128,917	3/4	119,460	3/4	109,970	3/4	99,201	3/4	88,427	3/4	77,651		
2	2	2	146,961	2	138,147	2	128,720	2	119,263	2	109,745	2	98,977	2	88,202	2	77,427		
1/4	1/4	1/4	146,870	1/4	137,950	1/4	128,523	1/4	119,066	1/4	109,521	1/4	98,752	1/4	87,978	1/4	77,202		
1/2	1/2	1/2	146,779	1/2	137,753	1/2	128,327	1/2	118,868	1/2	109,297	1/2	98,528	1/2	87,753	1/2	76,978		
3/4	3/4	3/4	146,650	3/4	137,556	3/4	128,130	3/4	118,671	3/4	109,073	3/4	98,303	3/4	87,529	3/4	76,754		
3	3	3	146,522	3	137,360	3	127,933	3	118,474	3	108,849	3	98,079	3	87,304	3	76,530		
1/4	1/4	1/4	146,393	1/4	137,163	1/4	127,736	1/4	118,277	1/4	108,624	1/4	97,854	1/4	87,080	1/4	76,307		
1/2	1/2	1/2	146,265	1/2	136,966	1/2	127,540	1/2	118,079	1/2	108,400	1/2	97,630	1/2	86,855	1/2	76,083		
3/4	3/4	3/4	146,099	3/4	136,769	3/4	127,343	3/4	117,882	3/4	108,176	3/4	97,405	3/4	86,631	3/4	75,860		
4	4	4	145,932	4	136,573	4	127,146	4	117,685	4	107,952	4	97,181	4	86,406	4	75,637		
1/4	1/4	1/4	145,766	1/4	136,376	1/4	126,949	1/4	117,487	1/4	107,728	1/4	96,956	1/4	86,182	1/4	75,414		
1/2	1/2	1/2	145,600	1/2	136,179	1/2	126,753	1/2	117,290	1/2	107,503	1/2	96,732	1/2	85,958	1/2	75,191		
3/4	3/4	3/4	145,397	3/4	135,982	3/4	126,556	3/4	117,093	3/4	107,279	3/4	96,507	3/4	85,733	3/4	74,968		
5	5	5	145,193	5	135,786	5	126,359	5	116,896	5	107,055	5	96,283	5	85,509	5	74,745		
1/4	1/4	1/4	144,990	1/4	135,589	1/4	126,162	1/4	116,698	1/4	106,831	1/4	96,059	1/4	85,284	1/4	74,522		
1/2	1/2	1/2	144,786	1/2	135,392	1/2	125,966	1/2	116,501	1/2	106,606	1/2	95,834	1/2	85,060	1/2	74,299		
3/4	3/4	3/4	144,591	3/4	135,196	3/4	125,769	3/4	116,304	3/4	106,382	3/4	95,610	3/4	84,835	3/4	74,076		
6	6	6	144,397	6	134,999	6	125,572	6	116,107	6	106,158	6	95,385	6	84,611	6	73,853		
1/4	1/4	1/4	144,202	1/4	134,802	1/4	125,375	1/4	115,909	1/4	105,934	1/4	95,161	1/4	84,386	1/4	73,629		
1/2	1/2	1/2	144,007	1/2	134,605	1/2	125,179	1/2	115,712	1/2	105,710	1/2	94,936	1/2	84,162	1/2	73,406		
3/4	3/4	3/4	143,813	3/4	134,409	3/4	124,982	3/4	115,515	3/4	105,485	3/4	94,712	3/4	83,937	3/4	73,183		
7	7	7	143,618	7	134,212	7	124,785	7	115,318	7	105,261	7	94,487	7	83,713	7	72,960		
1/4	1/4	1/4	143,423	1/4	134,015	1/4	124,588	1/4	115,120	1/4	105,037	1/4	94,263	1/4	83,488	1/4	72,737		
1/2	1/2	1/2	143,229	1/2	133,818	1/2	124,392	1/2	114,923	1/2	104,813	1/2	94,038	1/2	83,264	1/2	72,514		
3/4	3/4	3/4	143,034	3/4	133,622	3/4	124,194	3/4	114,726	3/4	104,588	3/4	93,814	3/4	83,039	3/4	72,291		
8	8	8	142,839	8	133,426	8	123,997	8	114,529	8	104,364	8	93,589	8	82,815	8	72,068		
1/4	1/4	1/4	142,645	1/4	133,230	1/4	123,800	1/4	114,332	1/4	104,139	1/4	93,365	1/4	82,590	1/4	71,845		
1/2	1/2	1/2	142,450	1/2	133,034	1/2	123,603	1/2	114,135	1/2	103,915	1/2	93,140	1/2	82,366	1/2	71,622		
3/4	3/4	3/4	142,255	3/4	132,838	3/4	123,405	3/4	113,938	3/4	103,690	3/4	92,916	3/4	82,141	3/4	71,399		
9	9	9	142,061	9	132,642	9	123,208	9	113,741	9	103,466	9	92,692	9	81,917	9	71,176		
1/4	1/4	1/4	141,866	1/4	132,446	1/4	123,011	1/4	113,544	1/4	103,241	1/4	92,467	1/4	81,692	1/4	70,953		
1/2	1/2	1/2	141,671	1/2	132,250	1/2	122,814	1/2	113,347	1/2	103,017	1/2	92,243	1/2	81,468	1/2	70,730		
3/4	3/4	3/4	141,477	3/4	132,054	3/4	122,616	3/4	113,150	3/4	102,792	3/4	92,018	3/4	81,243	3/4	70,507		
10	10	10	141,282	10	131,858	10	122,419	10	112,953	10	102,568	10	91,794	10	81,019	10	70,284		
1/4	1/4	1/4	141,087	1/4	131,662	1/4	122,222	1/4	112,756	1/4	102,344	1/4	91,569	1/4	80,794	1/4	70,061		
1/2	1/2	1/2	140,893	1/2	131,466	1/2	122,025	1/2	112,558	1/2	102,119	1/2	91,345	1/2	80,570	1/2	69,838		
3/4	3/4	3/4	140,698	3/4	131,270	3/4	121,827	3/4	112,361	3/4	101,895	3/4	91,120	3/4	80,345	3/4	69,614		
11	11	11	140,503	11	131,074	11	121,630	11	112,164	11	101,670	11	90,896	11	80,121	11	69,390		
1/4	1/4	1/4	140,309	1/4	130,878	1/4	121,433	1/4	111,967	1/4	101,446	1/4	90,671	1/4	79,896	1/4	69,166		
1/2	1/2	1/2	140,114	1/2	130,682	1/2	121,236	1/2	111,770	1/2	101,221	1/2	90,447	1/2	79,672	1/2	68,942		
3/4	3/4	3/4	140,061	3/4	130,539	3/4	121,093	3/4	111,627	3/4	101,077	3/4	90,303	3/4	79,528	3/4	68,798		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "CBC 1344"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,495	0	57,727	0	46,956	0	36,185	0	25,611	0	14,848	0	4,063	0		0		0	
1/4	68,271	1/4	57,503	1/4	46,732	1/4	35,961	1/4	25,392	1/4	14,623	1/4	3,841	1/4	1/4		1/4		1/4
1/2	68,047	1/2	57,279	1/2	46,507	1/2	35,736	1/2	25,173	1/2	14,398	1/2	3,618	1/2	1/2		1/2		1/2
3/4	67,823	3/4	57,054	3/4	46,283	3/4	35,512	3/4	24,954	3/4	14,173	3/4	3,398	3/4	3/4		3/4		3/4
1	67,600	1	56,830	1	46,059	1	35,288	1	24,735	1	13,948	1	3,177	1	1		1		1
1/4	67,376	1/4	56,605	1/4	45,834	1/4	35,063	1/4	24,516	1/4	13,723	1/4	2,957	1/4	1/4		1/4		1/4
1/2	67,152	1/2	56,381	1/2	45,610	1/2	34,839	1/2	24,297	1/2	13,498	1/2	2,736	1/2	1/2		1/2		1/2
3/4	66,928	3/4	56,157	3/4	45,385	3/4	34,614	3/4	24,072	3/4	13,273	3/4	2,531	3/4	3/4		3/4		3/4
2	66,703	2	55,932	2	45,161	2	34,390	2	23,847	2	13,048	2	2,325	2	2		2		2
1/4	66,479	1/4	55,708	1/4	44,937	1/4	34,166	1/4	23,622	1/4	12,823	1/4	2,119	1/4	1/4		1/4		1/4
1/2	66,254	1/2	55,483	1/2	44,712	1/2	33,941	1/2	23,397	1/2	12,598	1/2	1,914	1/2	1/2		1/2		1/2
3/4	66,030	3/4	55,259	3/4	44,488	3/4	33,717	3/4	23,172	3/4	12,373	3/4	1,745	3/4	3/4		3/4		3/4
3	65,806	3	55,035	3	44,263	3	33,492	3	22,948	3	12,149	3	1,576	3	3		3		3
1/4	65,581	1/4	54,810	1/4	44,039	1/4	33,268	1/4	22,723	1/4	11,924	1/4	1,408	1/4	1/4		1/4		1/4
1/2	65,357	1/2	54,586	1/2	43,815	1/2	33,044	1/2	22,498	1/2	11,699	1/2	1,239	1/2	1/2		1/2		1/2
3/4	65,132	3/4	54,361	3/4	43,590	3/4	32,825	3/4	22,273	3/4	11,474	3/4	1,108	3/4	3/4		3/4		3/4
4	64,908	4	54,137	4	43,366	4	32,606	4	22,048	4	11,249	4	977	4	4		4		4
1/4	64,684	1/4	53,913	1/4	43,141	1/4	32,388	1/4	21,823	1/4	11,024	1/4	845	1/4	1/4		1/4		1/4
1/2	64,459	1/2	53,688	1/2	42,917	1/2	32,169	1/2	21,598	1/2	10,799	1/2	714	1/2	1/2		1/2		1/2
3/4	64,235	3/4	53,464	3/4	42,693	3/4	31,951	3/4	21,373	3/4	10,574	3/4	621	3/4	3/4		3/4		3/4
5	64,010	5	53,239	5	42,468	5	31,732	5	21,148	5	10,349	5	527	5	5		5		5
1/4	63,786	1/4	53,015	1/4	42,244	1/4	31,514	1/4	20,923	1/4	10,124	1/4	433	1/4	1/4		1/4		1/4
1/2	63,562	1/2	52,791	1/2	42,020	1/2	31,295	1/2	20,698	1/2	9,899	1/2	339	1/2	1/2		1/2		1/2
3/4	63,337	3/4	52,566	3/4	41,795	3/4	31,076	3/4	20,473	3/4	9,674	3/4	283	3/4	3/4		3/4		3/4
6	63,113	6	52,342	6	41,571	6	30,858	6	20,248	6	9,449	6	227	6	6		6		6
1/4	62,888	1/4	52,117	1/4	41,346	1/4	30,639	1/4	20,023	1/4	9,224	1/4	171	1/4	1/4		1/4		1/4
1/2	62,664	1/2	51,893	1/2	41,122	1/2	30,421	1/2	19,798	1/2	8,999	1/2	114	1/2	1/2		1/2		1/2
3/4	62,440	3/4	51,669	3/4	40,898	3/4	30,202	3/4	19,573	3/4	8,774	3/4	96	3/4	3/4		3/4		3/4
7	62,215	7	51,444	7	40,673	7	29,984	7	19,348	7	8,549	7	77	7	7		7		7
1/4	61,991	1/4	51,220	1/4	40,449	1/4	29,765	1/4	19,123	1/4	8,324	1/4	58	1/4	1/4		1/4		1/4
1/2	61,766	1/2	50,995	1/2	40,224	1/2	29,546	1/2	18,898	1/2	8,099	1/2	39	1/2	1/2		1/2		1/2
3/4	61,542	3/4	50,771	3/4	40,000	3/4	29,328	3/4	18,673	3/4	7,874	3/4		3/4	3/4		3/4		3/4
8	61,318	8	50,547	8	39,776	8	29,109	8	18,448	8	7,649	8		8	8		8		8
1/4	61,093	1/4	50,322	1/4	39,551	1/4	28,891	1/4	18,223	1/4	7,424	1/4		1/4	1/4		1/4		1/4
1/2	60,869	1/2	50,098	1/2	39,327	1/2	28,672	1/2	17,998	1/2	7,199	1/2		1/2	1/2		1/2		1/2
3/4	60,644	3/4	49,873	3/4	39,102	3/4	28,453	3/4	17,773	3/4	6,974	3/4		3/4	3/4		3/4		3/4
9	60,420	9	49,649	9	38,878	9	28,235	9	17,548	9	6,750	9		9	9		9		9
1/4	60,196	1/4	49,425	1/4	38,654	1/4	28,016	1/4	17,323	1/4	6,525	1/4		1/4	1/4		1/4		1/4
1/2	59,971	1/2	49,200	1/2	38,429	1/2	27,798	1/2	17,098	1/2	6,300	1/2		1/2	1/2		1/2		1/2
3/4	59,747	3/4	48,976	3/4	38,205	3/4	27,579	3/4	16,873	3/4	6,076	3/4		3/4	3/4		3/4		3/4
10	59,522	10	48,751	10	37,980	10	27,361	10	16,648	10	5,851	10		10	10		10		10
1/4	59,298	1/4	48,527	1/4	37,756	1/4	27,142	1/4	16,423	1/4	5,627	1/4		1/4	1/4		1/4		1/4
1/2	59,074	1/2	48,303	1/2	37,532	1/2	26,923	1/2	16,198	1/2	5,403	1/2		1/2	1/2		1/2		1/2
3/4	58,849	3/4	48,078	3/4	37,307	3/4	26,705	3/4	15,973	3/4	5,179	3/4		3/4	3/4		3/4		3/4
11	58,625	11	47,854	11	37,083	11	26,486	11	15,748	11	4,955	11		11	11		11		11
1/4	58,400	1/4	47,629	1/4	36,858	1/4	26,268	1/4	15,523	1/4	4,732	1/4		1/4	1/4		1/4		1/4
1/2	58,176	1/2	47,405	1/2	36,634	1/2	26,049	1/2	15,298	1/2	4,508	1/2		1/2	1/2		1/2		1/2
3/4	57,952	3/4	47,181	3/4	36,410	3/4	25,830	3/4	15,073	3/4	4,286	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
PRINTED: 02/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1344"

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	170,421	0	161,313	0	149,309	0	137,281	0	125,209	0	113,138	0	101,067	0	88,994		
1/4	1/4	1/4	170,404	1/4	161,063	1/4	149,059	1/4	137,029	1/4	124,958	1/4	112,887	1/4	100,815	1/4	88,743		
1/2	1/2	1/2	170,387	1/2	160,813	1/2	148,809	1/2	136,778	1/2	124,707	1/2	112,635	1/2	100,564	1/2	88,491		
3/4	3/4	3/4	170,370	3/4	160,563	3/4	148,559	3/4	136,526	3/4	124,455	3/4	112,384	3/4	100,312	3/4	88,240		
1	1	1	170,311	1	160,313	1	148,309	1	136,275	1	124,204	1	112,132	1	100,061	1	87,988		
1/4	1/4	1/4	170,251	1/4	160,063	1/4	148,059	1/4	136,024	1/4	123,952	1/4	111,881	1/4	99,809	1/4	87,737		
1/2	1/2	1/2	170,192	1/2	159,813	1/2	147,809	1/2	135,772	1/2	123,701	1/2	111,629	1/2	99,558	1/2	87,485		
3/4	3/4	3/4	170,133	3/4	159,563	3/4	147,558	3/4	135,521	3/4	123,449	3/4	111,378	3/4	99,306	3/4	87,234		
2	2	2	170,032	2	159,313	2	147,308	2	135,269	2	123,198	2	111,126	2	99,055	2	86,982		
1/4	1/4	1/4	169,931	1/4	159,063	1/4	147,058	1/4	135,018	1/4	122,946	1/4	110,875	1/4	98,803	1/4	86,731		
1/2	1/2	1/2	169,830	1/2	158,813	1/2	146,808	1/2	134,766	1/2	122,695	1/2	110,623	1/2	98,552	1/2	86,479		
3/4	3/4	3/4	169,729	3/4	158,562	3/4	146,558	3/4	134,515	3/4	122,443	3/4	110,372	3/4	98,300	3/4	86,228		
3	3	3	169,586	3	158,312	3	146,308	3	134,263	3	122,192	3	110,120	3	98,049	3	85,976		
1/4	1/4	1/4	169,443	1/4	158,062	1/4	146,058	1/4	134,012	1/4	121,940	1/4	109,869	1/4	97,797	1/4	85,724		
1/2	1/2	1/2	169,300	1/2	157,812	1/2	145,808	1/2	133,760	1/2	121,689	1/2	109,617	1/2	97,546	1/2	85,473		
3/4	3/4	3/4	169,157	3/4	157,562	3/4	145,558	3/4	133,509	3/4	121,437	3/4	109,366	3/4	97,294	3/4	85,221		
4	4	4	168,972	4	157,312	4	145,308	4	133,257	4	121,186	4	109,114	4	97,043	4	84,970		
1/4	1/4	1/4	168,787	1/4	157,062	1/4	145,058	1/4	133,006	1/4	120,934	1/4	108,863	1/4	96,791	1/4	84,718		
1/2	1/2	1/2	168,602	1/2	156,812	1/2	144,807	1/2	132,754	1/2	120,683	1/2	108,611	1/2	96,540	1/2	84,467		
3/4	3/4	3/4	168,417	3/4	156,562	3/4	144,557	3/4	132,503	3/4	120,431	3/4	108,360	3/4	96,288	3/4	84,215		
5	5	5	168,191	5	156,312	5	144,307	5	132,251	5	120,180	5	108,108	5	96,037	5	83,964		
1/4	1/4	1/4	167,964	1/4	156,062	1/4	144,057	1/4	132,000	1/4	119,928	1/4	107,857	1/4	95,785	1/4	83,712		
1/2	1/2	1/2	167,737	1/2	155,811	1/2	143,807	1/2	131,748	1/2	119,677	1/2	107,605	1/2	95,534	1/2	83,461		
3/4	3/4	3/4	167,510	3/4	155,561	3/4	143,557	3/4	131,497	3/4	119,425	3/4	107,354	3/4	95,282	3/4	83,209		
6	6	6	167,262	6	155,311	6	143,307	6	131,245	6	119,174	6	107,102	6	95,031	6	82,958		
1/4	1/4	1/4	167,015	1/4	155,061	1/4	143,057	1/4	130,994	1/4	118,922	1/4	106,851	1/4	94,779	1/4	82,706		
1/2	1/2	1/2	166,767	1/2	154,811	1/2	142,807	1/2	130,742	1/2	118,671	1/2	106,599	1/2	94,528	1/2	82,455		
3/4	3/4	3/4	166,519	3/4	154,561	3/4	142,557	3/4	130,491	3/4	118,419	3/4	106,348	3/4	94,276	3/4	82,203		
7	7	7	166,271	7	154,311	7	142,307	7	130,239	7	118,168	7	106,096	7	94,025	7	81,951		
1/4	1/4	1/4	166,024	1/4	154,061	1/4	142,056	1/4	129,988	1/4	117,916	1/4	105,845	1/4	93,773	1/4	81,700		
1/2	1/2	1/2	165,776	1/2	153,811	1/2	141,806	1/2	129,736	1/2	117,665	1/2	105,593	1/2	93,522	1/2	81,448		
3/4	3/4	3/4	165,528	3/4	153,561	3/4	141,556	3/4	129,485	3/4	117,413	3/4	105,342	3/4	93,270	3/4	81,197		
8	8	8	165,280	8	153,311	8	141,305	8	129,233	8	117,162	8	105,090	8	93,019	8	80,945		
1/4	1/4	1/4	165,032	1/4	153,060	1/4	141,053	1/4	128,982	1/4	116,910	1/4	104,839	1/4	92,767	1/4	80,694		
1/2	1/2	1/2	164,785	1/2	152,810	1/2	140,802	1/2	128,730	1/2	116,659	1/2	104,587	1/2	92,516	1/2	80,442		
3/4	3/4	3/4	164,537	3/4	152,560	3/4	140,550	3/4	128,479	3/4	116,407	3/4	104,336	3/4	92,264	3/4	80,191		
9	9	9	164,289	9	152,310	9	140,299	9	128,227	9	116,156	9	104,084	9	92,013	9	79,939		
1/4	1/4	1/4	164,041	1/4	152,060	1/4	140,047	1/4	127,976	1/4	115,904	1/4	103,833	1/4	91,761	1/4	79,688		
1/2	1/2	1/2	163,794	1/2	151,810	1/2	139,796	1/2	127,724	1/2	115,653	1/2	103,581	1/2	91,510	1/2	79,436		
3/4	3/4	3/4	163,546	3/4	151,560	3/4	139,544	3/4	127,473	3/4	115,401	3/4	103,330	3/4	91,258	3/4	79,185		
10	10	10	163,298	10	151,310	10	139,293	10	127,221	10	115,150	10	103,078	10	91,007	10	78,933		
1/4	1/4	1/4	163,050	1/4	151,060	1/4	139,041	1/4	126,970	1/4	114,898	1/4	102,827	1/4	90,755	1/4	78,682		
1/2	1/2	1/2	162,802	1/2	150,810	1/2	138,790	1/2	126,718	1/2	114,647	1/2	102,576	1/2	90,504	1/2	78,430		
3/4	3/4	3/4	162,555	3/4	150,560	3/4	138,538	3/4	126,467	3/4	114,395	3/4	102,324	3/4	90,252	3/4	78,178		
11	11	11	162,307	11	150,309	11	138,287	11	126,215	11	114,144	11	102,073	11	90,001	11	77,927		
1/4	1/4	1/4	162,059	1/4	150,059	1/4	138,035	1/4	125,964	1/4	113,892	1/4	101,821	1/4	89,749	1/4	77,675		
1/2	1/2	1/2	161,811	1/2	149,809	1/2	137,784	1/2	125,712	1/2	113,641	1/2	101,570	1/2	89,497	1/2	77,424		
3/4	3/4	3/4	170,439	3/4	161,564	3/4	149,559	3/4	137,532	3/4	125,461	3/4	113,390	3/4	89,246	3/4	77,172		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1344"

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	76,921	0	64,847	0	52,774	0	40,700	0	28,899	0	16,847	0	4,787	0		0		0	
1/4	76,669	1/4	64,596	1/4	52,522	1/4	40,449	1/4	28,655	1/4	16,596	1/4	4,538	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,418	1/2	64,344	1/2	52,271	1/2	40,197	1/2	28,410	1/2	16,344	1/2	4,290	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,166	3/4	64,093	3/4	52,019	3/4	39,946	3/4	28,166	3/4	16,093	3/4	4,041	3/4	3/4	3/4	3/4	3/4	3/4
1	75,915	1	63,841	1	51,768	1	39,694	1	27,914	1	15,841	1	3,794	1	1	1	1	1	1
1/4	75,663	1/4	63,590	1/4	51,516	1/4	39,443	1/4	27,663	1/4	15,590	1/4	3,548	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,412	1/2	63,338	1/2	51,265	1/2	39,191	1/2	27,411	1/2	15,338	1/2	3,301	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,160	3/4	63,087	3/4	51,013	3/4	38,939	3/4	27,160	3/4	15,087	3/4	3,055	3/4	3/4	3/4	3/4	3/4	3/4
2	74,909	2	62,835	2	50,761	2	38,688	2	26,908	2	14,835	2	2,825	2	2	2	2	2	2
1/4	74,657	1/4	62,584	1/4	50,510	1/4	38,436	1/4	26,657	1/4	14,584	1/4	2,595	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,406	1/2	62,332	1/2	50,258	1/2	38,185	1/2	26,405	1/2	14,332	1/2	2,365	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,154	3/4	62,080	3/4	50,007	3/4	37,933	3/4	26,154	3/4	14,081	3/4	2,135	3/4	3/4	3/4	3/4	3/4	3/4
3	73,902	3	61,829	3	49,755	3	37,689	3	25,902	3	13,829	3	1,947	3	3	3	3	3	3
1/4	73,651	1/4	61,577	1/4	49,504	1/4	37,444	1/4	25,651	1/4	13,578	1/4	1,758	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,399	1/2	61,326	1/2	49,252	1/2	37,200	1/2	25,399	1/2	13,326	1/2	1,569	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,148	3/4	61,074	3/4	49,001	3/4	36,955	3/4	25,148	3/4	13,074	3/4	1,381	3/4	3/4	3/4	3/4	3/4	3/4
4	72,896	4	60,823	4	48,749	4	36,711	4	24,896	4	12,823	4	1,234	4	4	4	4	4	4
1/4	72,645	1/4	60,571	1/4	48,498	1/4	36,467	1/4	24,645	1/4	12,571	1/4	1,087	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,393	1/2	60,320	1/2	48,246	1/2	36,223	1/2	24,393	1/2	12,320	1/2	940	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,142	3/4	60,068	3/4	47,995	3/4	35,979	3/4	24,141	3/4	12,068	3/4	794	3/4	3/4	3/4	3/4	3/4	3/4
5	71,890	5	59,817	5	47,743	5	35,735	5	23,890	5	11,817	5	689	5	5	5	5	5	5
1/4	71,639	1/4	59,565	1/4	47,492	1/4	35,491	1/4	23,638	1/4	11,565	1/4	584	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,387	1/2	59,314	1/2	47,240	1/2	35,247	1/2	23,387	1/2	11,314	1/2	479	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,136	3/4	59,062	3/4	46,989	3/4	35,003	3/4	23,135	3/4	11,062	3/4	375	3/4	3/4	3/4	3/4	3/4	3/4
6	70,884	6	58,811	6	46,737	6	34,758	6	22,884	6	10,811	6	312	6	6	6	6	6	6
1/4	70,633	1/4	58,559	1/4	46,485	1/4	34,514	1/4	22,632	1/4	10,559	1/4	249	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,381	1/2	58,307	1/2	46,234	1/2	34,270	1/2	22,381	1/2	10,308	1/2	186	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,129	3/4	58,056	3/4	45,982	3/4	34,026	3/4	22,129	3/4	10,056	3/4	123	3/4	3/4	3/4	3/4	3/4	3/4
7	69,878	7	57,804	7	45,731	7	33,782	7	21,878	7	9,805	7	102	7	7	7	7	7	7
1/4	69,626	1/4	57,553	1/4	45,479	1/4	33,538	1/4	21,626	1/4	9,553	1/4	81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,375	1/2	57,301	1/2	45,228	1/2	33,294	1/2	21,375	1/2	9,302	1/2	60	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,123	3/4	57,050	3/4	44,976	3/4	33,050	3/4	21,123	3/4	9,050	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4
8	68,872	8	56,798	8	44,725	8	32,805	8	20,872	8	8,799	8		8	8	8	8	8	8
1/4	68,620	1/4	56,547	1/4	44,473	1/4	32,561	1/4	20,620	1/4	8,547	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,369	1/2	56,295	1/2	44,222	1/2	32,317	1/2	20,369	1/2	8,296	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,117	3/4	56,044	3/4	43,970	3/4	32,073	3/4	20,117	3/4	8,044	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	67,866	9	55,792	9	43,719	9	31,829	9	19,866	9	7,793	9		9	9	9	9	9	9
1/4	67,614	1/4	55,541	1/4	43,467	1/4	31,585	1/4	19,614	1/4	7,542	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,363	1/2	55,289	1/2	43,216	1/2	31,341	1/2	19,363	1/2	7,290	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,111	3/4	55,038	3/4	42,964	3/4	31,097	3/4	19,111	3/4	7,039	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	66,860	10	54,786	10	42,712	10	30,853	10	18,860	10	6,788	10		10	10	10	10	10	10
1/4	66,608	1/4	54,534	1/4	42,461	1/4	30,608	1/4	18,608	1/4	6,537	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,356	1/2	54,283	1/2	42,209	1/2	30,364	1/2	18,356	1/2	6,286	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,105	3/4	54,031	3/4	41,958	3/4	30,120	3/4	18,105	3/4	6,036	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	65,853	11	53,780	11	41,706	11	29,876	11	17,853	11	5,786	11		11	11	11	11	11	11
1/4	65,602	1/4	53,528	1/4	41,455	1/4	29,632	1/4	17,602	1/4	5,536	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,350	1/2	53,277	1/2	41,203	1/2	29,388	1/2	17,350	1/2	5,286	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,099	3/4	53,025	3/4	40,952	3/4	29,144	3/4	17,099	3/4	5,036	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
PRINTED: 02/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

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



BARGE "CBC 1344"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	151,582	0	143,493	0	132,832	0	122,150	0	111,430	0	100,710	0	89,990	0	79,270		
1/4	1/4	1/4	151,567	1/4	143,271	1/4	132,610	1/4	121,927	1/4	111,207	1/4	100,487	1/4	89,767	1/4	79,046		
1/2	1/2	1/2	151,552	1/2	143,049	1/2	132,388	1/2	121,704	1/2	110,984	1/2	100,264	1/2	89,544	1/2	78,823		
3/4	3/4	3/4	151,536	3/4	142,827	3/4	132,166	3/4	121,480	3/4	110,760	3/4	100,040	3/4	89,320	3/4	78,600		
1	1	1	151,484	1	142,605	1	131,944	1	121,257	1	110,537	1	99,817	1	89,097	1	78,376		
1/4	1/4	1/4	151,431	1/4	142,383	1/4	131,722	1/4	121,034	1/4	110,314	1/4	99,594	1/4	88,874	1/4	78,153		
1/2	1/2	1/2	151,379	1/2	142,161	1/2	131,500	1/2	120,810	1/2	110,090	1/2	99,370	1/2	88,650	1/2	77,930		
3/4	3/4	3/4	151,326	3/4	141,939	3/4	131,277	3/4	120,587	3/4	109,867	3/4	99,147	3/4	88,427	3/4	77,706		
2	2	2	151,237	2	141,717	2	131,055	2	120,364	2	109,644	2	98,924	2	88,204	2	77,483		
1/4	1/4	1/4	151,147	1/4	141,494	1/4	130,833	1/4	120,140	1/4	109,420	1/4	98,700	1/4	87,980	1/4	77,259		
1/2	1/2	1/2	151,057	1/2	141,272	1/2	130,611	1/2	119,917	1/2	109,197	1/2	98,477	1/2	87,757	1/2	77,036		
3/4	3/4	3/4	150,967	3/4	141,050	3/4	130,389	3/4	119,694	3/4	108,974	3/4	98,254	3/4	87,534	3/4	76,813		
3	3	3	150,840	3	140,828	3	130,167	3	119,470	3	108,750	3	98,030	3	87,310	3	76,589		
1/4	1/4	1/4	150,713	1/4	140,606	1/4	129,945	1/4	119,247	1/4	108,527	1/4	97,807	1/4	87,087	1/4	76,366		
1/2	1/2	1/2	150,586	1/2	140,384	1/2	129,723	1/2	119,024	1/2	108,304	1/2	97,584	1/2	86,864	1/2	76,143		
3/4	3/4	3/4	150,459	3/4	140,162	3/4	129,501	3/4	118,800	3/4	108,080	3/4	97,360	3/4	86,640	3/4	75,919		
4	4	4	150,295	4	139,940	4	129,278	4	118,577	4	107,857	4	97,137	4	86,417	4	75,696		
1/4	1/4	1/4	150,131	1/4	139,718	1/4	129,056	1/4	118,354	1/4	107,634	1/4	96,914	1/4	86,194	1/4	75,472		
1/2	1/2	1/2	149,967	1/2	139,495	1/2	128,834	1/2	118,130	1/2	107,410	1/2	96,690	1/2	85,970	1/2	75,249		
3/4	3/4	3/4	149,803	3/4	139,273	3/4	128,612	3/4	117,907	3/4	107,187	3/4	96,467	3/4	85,747	3/4	75,026		
5	5	5	149,601	5	139,051	5	128,390	5	117,684	5	106,964	5	96,244	5	85,524	5	74,802		
1/4	1/4	1/4	149,400	1/4	138,829	1/4	128,168	1/4	117,460	1/4	106,740	1/4	96,020	1/4	85,300	1/4	74,579		
1/2	1/2	1/2	149,198	1/2	138,607	1/2	127,946	1/2	117,237	1/2	106,517	1/2	95,797	1/2	85,077	1/2	74,356		
3/4	3/4	3/4	148,997	3/4	138,385	3/4	127,724	3/4	117,014	3/4	106,294	3/4	95,574	3/4	84,854	3/4	74,132		
6	6	6	148,777	6	138,163	6	127,502	6	116,790	6	106,070	6	95,350	6	84,630	6	73,909		
1/4	1/4	1/4	148,557	1/4	137,941	1/4	127,280	1/4	116,567	1/4	105,847	1/4	95,127	1/4	84,407	1/4	73,686		
1/2	1/2	1/2	148,337	1/2	137,719	1/2	127,057	1/2	116,344	1/2	105,624	1/2	94,904	1/2	84,184	1/2	73,462		
3/4	3/4	3/4	148,117	3/4	137,496	3/4	126,835	3/4	116,120	3/4	105,400	3/4	94,680	3/4	83,960	3/4	73,239		
7	7	7	147,897	7	137,274	7	126,613	7	115,897	7	105,177	7	94,457	7	83,737	7	73,015		
1/4	1/4	1/4	147,676	1/4	137,052	1/4	126,391	1/4	115,674	1/4	104,954	1/4	94,234	1/4	83,514	1/4	72,792		
1/2	1/2	1/2	147,456	1/2	136,830	1/2	126,169	1/2	115,450	1/2	104,730	1/2	94,010	1/2	83,290	1/2	72,569		
3/4	3/4	3/4	147,236	3/4	136,608	3/4	125,947	3/4	115,227	3/4	104,507	3/4	93,787	3/4	83,067	3/4	72,345		
8	8	8	147,016	8	136,386	8	125,724	8	115,004	8	104,284	8	93,564	8	82,844	8	72,122		
1/4	1/4	1/4	146,796	1/4	136,164	1/4	125,500	1/4	114,780	1/4	104,060	1/4	93,340	1/4	82,620	1/4	71,899		
1/2	1/2	1/2	146,576	1/2	135,942	1/2	125,277	1/2	114,557	1/2	103,837	1/2	93,117	1/2	82,397	1/2	71,675		
3/4	3/4	3/4	146,356	3/4	135,720	3/4	125,054	3/4	114,334	3/4	103,614	3/4	92,894	3/4	82,174	3/4	71,452		
9	9	9	146,136	9	135,497	9	124,830	9	114,110	9	103,390	9	92,670	9	81,950	9	71,228		
1/4	1/4	1/4	145,916	1/4	135,275	1/4	124,607	1/4	113,887	1/4	103,167	1/4	92,447	1/4	81,727	1/4	71,005		
1/2	1/2	1/2	145,696	1/2	135,053	1/2	124,384	1/2	113,664	1/2	102,944	1/2	92,224	1/2	81,503	1/2	70,782		
3/4	3/4	3/4	145,476	3/4	134,831	3/4	124,160	3/4	113,440	3/4	102,720	3/4	92,000	3/4	81,280	3/4	70,558		
10	10	10	145,256	10	134,609	10	123,937	10	113,217	10	102,497	10	91,777	10	81,057	10	70,335		
1/4	1/4	1/4	145,036	1/4	134,387	1/4	123,714	1/4	112,994	1/4	102,274	1/4	91,554	1/4	80,833	1/4	70,112		
1/2	1/2	1/2	144,816	1/2	134,165	1/2	123,490	1/2	112,770	1/2	102,050	1/2	91,330	1/2	80,610	1/2	69,888		
3/4	3/4	3/4	144,596	3/4	133,943	3/4	123,267	3/4	112,547	3/4	101,827	3/4	91,107	3/4	80,387	3/4	69,665		
11	11	11	144,376	11	133,721	11	123,044	11	112,324	11	101,604	11	90,884	11	80,163	11	69,441		
1/4	1/4	1/4	144,156	1/4	133,499	1/4	122,820	1/4	112,100	1/4	101,380	1/4	90,660	1/4	79,940	1/4	69,218		
1/2	1/2	1/2	143,936	1/2	133,276	1/2	122,597	1/2	111,877	1/2	101,157	1/2	90,437	1/2	79,717	1/2	68,995		
3/4	3/4	3/4	151,598	3/4	143,715	3/4	133,054	3/4	122,374	3/4	111,654	3/4	90,214	3/4	79,493	3/4	68,771		

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1344"

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	68,548	0	57,826	0	47,104	0	36,383	0	25,684	0	14,965	0	4,255	0		0		0	
1/4	68,325	1/4	57,603	1/4	46,881	1/4	36,159	1/4	25,461	1/4	14,742	1/4	4,035	1/4	1/4		1/4		1/4
1/2	68,101	1/2	57,379	1/2	46,658	1/2	35,936	1/2	25,238	1/2	14,519	1/2	3,814	1/2	1/2		1/2		1/2
3/4	67,878	3/4	57,156	3/4	46,434	3/4	35,713	3/4	25,015	3/4	14,295	3/4	3,593	3/4	3/4		3/4		3/4
1	67,655	1	56,933	1	46,211	1	35,489	1	24,792	1	14,072	1	3,374	1	1		1		1
1/4	67,431	1/4	56,709	1/4	45,988	1/4	35,266	1/4	24,569	1/4	13,849	1/4	3,155	1/4	1/4		1/4		1/4
1/2	67,208	1/2	56,486	1/2	45,764	1/2	35,042	1/2	24,346	1/2	13,625	1/2	2,936	1/2	1/2		1/2		1/2
3/4	66,984	3/4	56,263	3/4	45,541	3/4	34,819	3/4	24,123	3/4	13,402	3/4	2,717	3/4	3/4		3/4		3/4
2	66,761	2	56,039	2	45,318	2	34,596	2	23,900	2	13,179	2	2,513	2	2		2		2
1/4	66,538	1/4	55,816	1/4	45,094	1/4	34,372	1/4	23,676	1/4	12,955	1/4	2,309	1/4	1/4		1/4		1/4
1/2	66,314	1/2	55,593	1/2	44,871	1/2	34,149	1/2	23,453	1/2	12,732	1/2	2,105	1/2	1/2		1/2		1/2
3/4	66,091	3/4	55,369	3/4	44,647	3/4	33,926	3/4	23,230	3/4	12,508	3/4	1,901	3/4	3/4		3/4		3/4
3	65,868	3	55,146	3	44,424	3	33,702	3	23,006	3	12,285	3	1,733	3	3		3		3
1/4	65,644	1/4	54,922	1/4	44,201	1/4	33,479	1/4	22,783	1/4	12,062	1/4	1,566	1/4	1/4		1/4		1/4
1/2	65,421	1/2	54,699	1/2	43,977	1/2	33,256	1/2	22,560	1/2	11,838	1/2	1,398	1/2	1/2		1/2		1/2
3/4	65,197	3/4	54,476	3/4	43,754	3/4	33,032	3/4	22,336	3/4	11,615	3/4	1,230	3/4	3/4		3/4		3/4
4	64,974	4	54,252	4	43,531	4	32,809	4	22,113	4	11,392	4	1,100	4	4		4		4
1/4	64,751	1/4	54,029	1/4	43,307	1/4	32,587	1/4	21,890	1/4	11,168	1/4	970	1/4	1/4		1/4		1/4
1/2	64,527	1/2	53,806	1/2	43,084	1/2	32,364	1/2	21,666	1/2	10,945	1/2	840	1/2	1/2		1/2		1/2
3/4	64,304	3/4	53,582	3/4	42,860	3/4	32,142	3/4	21,443	3/4	10,722	3/4	709	3/4	3/4		3/4		3/4
5	64,081	5	53,359	5	42,637	5	31,919	5	21,220	5	10,498	5	616	5	5		5		5
1/4	63,857	1/4	53,135	1/4	42,414	1/4	31,696	1/4	20,996	1/4	10,275	1/4	523	1/4	1/4		1/4		1/4
1/2	63,634	1/2	52,912	1/2	42,190	1/2	31,474	1/2	20,773	1/2	10,051	1/2	430	1/2	1/2		1/2		1/2
3/4	63,410	3/4	52,689	3/4	41,967	3/4	31,251	3/4	20,549	3/4	9,828	3/4	337	3/4	3/4		3/4		3/4
6	63,187	6	52,465	6	41,744	6	31,028	6	20,326	6	9,605	6	281	6	6		6		6
1/4	62,964	1/4	52,242	1/4	41,520	1/4	30,806	1/4	20,103	1/4	9,381	1/4	225	1/4	1/4		1/4		1/4
1/2	62,740	1/2	52,019	1/2	41,297	1/2	30,583	1/2	19,879	1/2	9,158	1/2	170	1/2	1/2		1/2		1/2
3/4	62,517	3/4	51,795	3/4	41,073	3/4	30,360	3/4	19,656	3/4	8,935	3/4	114	3/4	3/4		3/4		3/4
7	62,294	7	51,572	7	40,850	7	30,138	7	19,433	7	8,711	7	95	7	7		7		7
1/4	62,070	1/4	51,348	1/4	40,627	1/4	29,915	1/4	19,209	1/4	8,488	1/4	77	1/4	1/4		1/4		1/4
1/2	61,847	1/2	51,125	1/2	40,403	1/2	29,692	1/2	18,986	1/2	8,265	1/2	58	1/2	1/2		1/2		1/2
3/4	61,624	3/4	50,902	3/4	40,180	3/4	29,470	3/4	18,763	3/4	8,041	3/4	39	3/4	3/4		3/4		3/4
8	61,400	8	50,678	8	39,957	8	29,247	8	18,539	8	7,818	8		8	8		8		8
1/4	61,177	1/4	50,455	1/4	39,733	1/4	29,024	1/4	18,316	1/4	7,595	1/4		1/4	1/4		1/4		1/4
1/2	60,953	1/2	50,232	1/2	39,510	1/2	28,802	1/2	18,092	1/2	7,371	1/2		1/2	1/2		1/2		1/2
3/4	60,730	3/4	50,008	3/4	39,287	3/4	28,579	3/4	17,869	3/4	7,148	3/4		3/4	3/4		3/4		3/4
9	60,507	9	49,785	9	39,063	9	28,356	9	17,646	9	6,925	9		9	9		9		9
1/4	60,283	1/4	49,562	1/4	38,840	1/4	28,134	1/4	17,422	1/4	6,702	1/4		1/4	1/4		1/4		1/4
1/2	60,060	1/2	49,338	1/2	38,616	1/2	27,911	1/2	17,199	1/2	6,478	1/2		1/2	1/2		1/2		1/2
3/4	59,837	3/4	49,115	3/4	38,393	3/4	27,688	3/4	16,976	3/4	6,255	3/4		3/4	3/4		3/4		3/4
10	59,613	10	48,891	10	38,170	10	27,466	10	16,752	10	6,032	10		10	10		10		10
1/4	59,390	1/4	48,668	1/4	37,946	1/4	27,243	1/4	16,529	1/4	5,810	1/4		1/4	1/4		1/4		1/4
1/2	59,166	1/2	48,445	1/2	37,723	1/2	27,021	1/2	16,306	1/2	5,587	1/2		1/2	1/2		1/2		1/2
3/4	58,943	3/4	48,221	3/4	37,500	3/4	26,798	3/4	16,082	3/4	5,364	3/4		3/4	3/4		3/4		3/4
11	58,720	11	47,998	11	37,276	11	26,575	11	15,859	11	5,142	11		11	11		11		11
1/4	58,496	1/4	47,775	1/4	37,053	1/4	26,353	1/4	15,635	1/4	4,920	1/4		1/4	1/4		1/4		1/4
1/2	58,273	1/2	47,551	1/2	36,829	1/2	26,130	1/2	15,412	1/2	4,698	1/2		1/2	1/2		1/2		1/2
3/4	58,050	3/4	47,328	3/4	36,606	3/4	25,907	3/4	15,189	3/4	4,476	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/20/2012 CL - SW
CALCULATED: 02/20/2012 CL
PRINTED: 02/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2012

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