



BARGE "CBC 1300"

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	- 00-1/8	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
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-0/8	01-0/8
3 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	- 00-3/8	00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 159'-03"

March 9, 2008

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1300"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	26	0	7,968	0	18,422	0	28,940	0	39,583	0	50,225	0	60,867	0	71,509	0	82,152	0	92,794
1/4	45	1/4	8,190	1/4	18,636	1/4	29,162	1/4	39,804	1/4	50,447	1/4	61,089	1/4	71,731	1/4	82,374	1/4	93,016
1/2	63	1/2	8,412	1/2	18,850	1/2	29,384	1/2	40,026	1/2	50,668	1/2	61,311	1/2	71,953	1/2	82,595	1/2	93,238
3/4	82	3/4	8,633	3/4	19,064	3/4	29,605	3/4	40,248	3/4	50,890	3/4	61,532	3/4	72,175	3/4	82,817	3/4	93,459
1	100	1	8,855	1	19,278	1	29,827	1	40,469	1	51,112	1	61,754	1	72,396	1	83,039	1	93,681
1/4	156	1/4	9,077	1/4	19,492	1/4	30,049	1/4	40,691	1/4	51,333	1/4	61,976	1/4	72,618	1/4	83,260	1/4	93,903
1/2	211	1/2	9,299	1/2	19,706	1/2	30,271	1/2	40,913	1/2	51,555	1/2	62,197	1/2	72,840	1/2	83,482	1/2	94,124
3/4	266	3/4	9,520	3/4	19,919	3/4	30,492	3/4	41,135	3/4	51,777	3/4	62,419	3/4	73,061	3/4	83,704	3/4	94,346
2	322	2	9,742	2	20,133	2	30,714	2	41,356	2	51,999	2	62,641	2	73,283	2	83,926	2	94,568
1/4	414	1/4	9,964	1/4	20,347	1/4	30,936	1/4	41,578	1/4	52,220	1/4	62,863	1/4	73,505	1/4	84,147	1/4	94,790
1/2	507	1/2	10,185	1/2	20,561	1/2	31,157	1/2	41,800	1/2	52,442	1/2	63,084	1/2	73,727	1/2	84,369	1/2	95,011
3/4	599	3/4	10,407	3/4	20,775	3/4	31,379	3/4	42,021	3/4	52,664	3/4	63,306	3/4	73,948	3/4	84,591	3/4	95,233
3	691	3	10,629	3	20,989	3	31,601	3	42,243	3	52,885	3	63,528	3	74,170	3	84,812	3	95,455
1/4	821	1/4	10,850	1/4	21,203	1/4	31,823	1/4	42,465	1/4	53,107	1/4	63,749	1/4	74,392	1/4	85,034	1/4	95,676
1/2	950	1/2	11,072	1/2	21,417	1/2	32,044	1/2	42,687	1/2	53,329	1/2	63,971	1/2	74,614	1/2	85,256	1/2	95,898
3/4	1,079	3/4	11,294	3/4	21,631	3/4	32,266	3/4	42,908	3/4	53,551	3/4	64,193	3/4	74,835	3/4	85,478	3/4	96,120
4	1,209	4	11,515	4	21,845	4	32,488	4	43,130	4	53,772	4	64,415	4	75,057	4	85,699	4	96,342
1/4	1,375	1/4	11,737	1/4	22,067	1/4	32,709	1/4	43,352	1/4	53,994	1/4	64,636	1/4	75,279	1/4	85,921	1/4	96,563
1/2	1,541	1/2	11,959	1/2	22,289	1/2	32,931	1/2	43,573	1/2	54,216	1/2	64,858	1/2	75,500	1/2	86,143	1/2	96,785
3/4	1,707	3/4	12,180	3/4	22,510	3/4	33,153	3/4	43,795	3/4	54,437	3/4	65,080	3/4	75,722	3/4	86,364	3/4	97,007
5	1,874	5	12,402	5	22,732	5	33,375	5	44,017	5	54,659	5	65,301	5	75,944	5	86,586	5	97,228
1/4	2,076	1/4	12,624	1/4	22,954	1/4	33,596	1/4	44,239	1/4	54,881	1/4	65,523	1/4	76,166	1/4	86,808	1/4	97,450
1/2	2,279	1/2	12,845	1/2	23,176	1/2	33,818	1/2	44,460	1/2	55,103	1/2	65,745	1/2	76,387	1/2	87,030	1/2	97,672
3/4	2,481	3/4	13,067	3/4	23,397	3/4	34,040	3/4	44,682	3/4	55,324	3/4	65,967	3/4	76,609	3/4	87,251	3/4	97,894
6	2,684	6	13,289	6	23,619	6	34,261	6	44,904	6	55,546	6	66,188	6	76,831	6	87,473	6	98,115
1/4	2,901	1/4	13,503	1/4	23,841	1/4	34,483	1/4	45,125	1/4	55,768	1/4	66,410	1/4	77,052	1/4	87,695	1/4	98,337
1/2	3,119	1/2	13,717	1/2	24,063	1/2	34,705	1/2	45,347	1/2	55,989	1/2	66,632	1/2	77,274	1/2	87,916	1/2	98,559
3/4	3,336	3/4	13,931	3/4	24,284	3/4	34,927	3/4	45,569	3/4	56,211	3/4	66,853	3/4	77,496	3/4	88,138	3/4	98,780
7	3,553	7	14,146	7	24,506	7	35,148	7	45,791	7	56,433	7	67,075	7	77,718	7	88,360	7	99,002
1/4	3,772	1/4	14,359	1/4	24,728	1/4	35,370	1/4	46,012	1/4	56,655	1/4	67,297	1/4	77,939	1/4	88,582	1/4	99,224
1/2	3,992	1/2	14,573	1/2	24,949	1/2	35,592	1/2	46,234	1/2	56,876	1/2	67,519	1/2	78,161	1/2	88,803	1/2	99,445
3/4	4,211	3/4	14,787	3/4	25,171	3/4	35,813	3/4	46,456	3/4	57,098	3/4	67,740	3/4	78,383	3/4	89,025	3/4	99,667
8	4,430	8	15,001	8	25,393	8	36,035	8	46,677	8	57,320	8	67,962	8	78,604	8	89,247	8	99,889
1/4	4,650	1/4	15,215	1/4	25,615	1/4	36,257	1/4	46,899	1/4	57,541	1/4	68,184	1/4	78,826	1/4	89,468	1/4	100,110
1/2	4,871	1/2	15,429	1/2	25,836	1/2	36,479	1/2	47,121	1/2	57,763	1/2	68,405	1/2	79,048	1/2	89,690	1/2	100,332
3/4	5,091	3/4	15,642	3/4	26,058	3/4	36,700	3/4	47,343	3/4	57,985	3/4	68,627	3/4	79,270	3/4	89,912	3/4	100,554
9	5,311	9	15,856	9	26,280	9	36,922	9	47,564	9	58,207	9	68,849	9	79,491	9	90,134	9	100,775
1/4	5,533	1/4	16,070	1/4	26,501	1/4	37,144	1/4	47,786	1/4	58,428	1/4	69,071	1/4	79,713	1/4	90,355	1/4	100,997
1/2	5,754	1/2	16,284	1/2	26,723	1/2	37,365	1/2	48,008	1/2	58,650	1/2	69,292	1/2	79,935	1/2	90,577	1/2	101,218
3/4	5,975	3/4	16,498	3/4	26,945	3/4	37,587	3/4	48,229	3/4	58,872	3/4	69,514	3/4	80,156	3/4	90,799	3/4	101,440
10	6,196	10	16,712	10	27,167	10	37,809	10	48,451	10	59,093	10	69,736	10	80,378	10	91,020	10	101,662
1/4	6,417	1/4	16,926	1/4	27,388	1/4	38,031	1/4	48,673	1/4	59,315	1/4	69,957	1/4	80,600	1/4	91,242	1/4	101,883
1/2	6,639	1/2	17,139	1/2	27,610	1/2	38,252	1/2	48,895	1/2	59,537	1/2	70,179	1/2	80,822	1/2	91,464	1/2	102,105
3/4	6,860	3/4	17,353	3/4	27,832	3/4	38,474	3/4	49,116	3/4	59,759	3/4	70,401	3/4	81,043	3/4	91,686	3/4	102,326
11	7,082	11	17,567	11	28,053	11	38,696	11	49,338	11	59,980	11	70,623	11	81,265	11	91,907	11	102,548
1/4	7,303	1/4	17,781	1/4	28,275	1/4	38,917	1/4	49,560	1/4	60,202	1/4	70,844	1/4	81,487	1/4	92,129	1/4	102,770
1/2	7,525	1/2	17,995	1/2	28,497	1/2	39,139	1/2	49,781	1/2	60,424	1/2	71,066	1/2	81,708	1/2	92,351	1/2	102,991
3/4	7,747	3/4	18,209	3/4	28,719	3/4	39,361	3/4	50,003	3/4	60,645	3/4	71,288	3/4	81,930	3/4	92,572	3/4	103,213

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 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 1300"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	103,435	0	114,073	0	124,674	0	135,217	0	143,876	0		0		0		0		0	
1/4	103,656	1/4	114,294	1/4	124,894	1/4	135,436	1/4	143,891	1/4		1/4		1/4		1/4		1/4	
1/2	103,878	1/2	114,516	1/2	125,114	1/2	135,656	1/2	143,907	1/2		1/2		1/2		1/2		1/2	
3/4	104,099	3/4	114,737	3/4	125,333	3/4	135,875	3/4	143,922	3/4		3/4		3/4		3/4		3/4	
1	104,321	1	114,959	1	125,553	1	136,094	1	143,937	1		1		1		1		1	
1/4	104,543	1/4	115,181	1/4	125,773	1/4	136,314	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	104,764	1/2	115,402	1/2	125,993	1/2	136,534	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	104,986	3/4	115,624	3/4	126,213	3/4	136,754	3/4		3/4		3/4		3/4		3/4		3/4	
2	105,208	2	115,846	2	126,432	2	136,973	2		2		2		2		2		2	
1/4	105,429	1/4	116,067	1/4	126,652	1/4	137,193	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	105,651	1/2	116,289	1/2	126,872	1/2	137,413	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105,872	3/4	116,510	3/4	127,092	3/4	137,633	3/4		3/4		3/4		3/4		3/4		3/4	
3	106,094	3	116,732	3	127,312	3	137,853	3		3		3		3		3		3	
1/4	106,316	1/4	116,954	1/4	127,531	1/4	138,071	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,537	1/2	117,175	1/2	127,751	1/2	138,290	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,759	3/4	117,397	3/4	127,971	3/4	138,508	3/4		3/4		3/4		3/4		3/4		3/4	
4	106,981	4	117,618	4	128,191	4	138,727	4		4		4		4		4		4	
1/4	107,202	1/4	117,840	1/4	128,410	1/4	138,946	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,424	1/2	118,062	1/2	128,630	1/2	139,164	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,645	3/4	118,283	3/4	128,850	3/4	139,383	3/4		3/4		3/4		3/4		3/4		3/4	
5	107,867	5	118,505	5	129,070	5	139,602	5		5		5		5		5		5	
1/4	108,089	1/4	118,727	1/4	129,290	1/4	139,820	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,310	1/2	118,948	1/2	129,509	1/2	140,039	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,532	3/4	119,170	3/4	129,729	3/4	140,258	3/4		3/4		3/4		3/4		3/4		3/4	
6	108,754	6	119,391	6	129,949	6	140,476	6		6		6		6		6		6	
1/4	108,975	1/4	119,613	1/4	130,169	1/4	140,695	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,197	1/2	119,835	1/2	130,389	1/2	140,913	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,418	3/4	120,056	3/4	130,608	3/4	141,132	3/4		3/4		3/4		3/4		3/4		3/4	
7	109,640	7	120,278	7	130,828	7	141,351	7		7		7		7		7		7	
1/4	109,862	1/4	120,498	1/4	131,048	1/4	141,551	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,083	1/2	120,718	1/2	131,268	1/2	141,751	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,305	3/4	120,937	3/4	131,488	3/4	141,951	3/4		3/4		3/4		3/4		3/4		3/4	
8	110,527	8	121,157	8	131,707	8	142,151	8		8		8		8		8		8	
1/4	110,748	1/4	121,377	1/4	131,927	1/4	142,315	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,970	1/2	121,597	1/2	132,147	1/2	142,478	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,191	3/4	121,817	3/4	132,367	3/4	142,641	3/4		3/4		3/4		3/4		3/4		3/4	
9	111,413	9	122,036	9	132,587	9	142,804	9		9		9		9		9		9	
1/4	111,635	1/4	122,256	1/4	132,806	1/4	142,930	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,856	1/2	122,476	1/2	133,025	1/2	143,057	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,078	3/4	122,696	3/4	133,244	3/4	143,183	3/4		3/4		3/4		3/4		3/4		3/4	
10	112,300	10	122,916	10	133,464	10	143,309	10		10		10		10		10		10	
1/4	112,521	1/4	123,135	1/4	133,683	1/4	143,399	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,743	1/2	123,355	1/2	133,902	1/2	143,488	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,964	3/4	123,575	3/4	134,121	3/4	143,577	3/4		3/4		3/4		3/4		3/4		3/4	
11	113,186	11	123,795	11	134,340	11	143,666	11		11		11		11		11		11	
1/4	113,408	1/4	124,015	1/4	134,560	1/4	143,719	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,629	1/2	124,234	1/2	134,779	1/2	143,771	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,851	3/4	124,454	3/4	134,998	3/4	143,824	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/07/2008 CL - SW

CALCULATED: 03/08/2008 CL

PRINTED: 03/09/2008 CL

CANCELS AND SUPERCANCES

ALL PRIOR TO 03/2008

PRECISION MEASUREMENT

& ANALYSIS, INC.

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BARGE "CBC 1300"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	26	0	9,019	0	20,893	0	32,827	0	44,878	0	56,928	0	68,979	0	81,030	0	93,081	0	105,131
1/4	47	1/4	9,270	1/4	21,137	1/4	33,078	1/4	45,129	1/4	57,180	1/4	69,230	1/4	81,281	1/4	93,332	1/4	105,382
1/2	68	1/2	9,522	1/2	21,381	1/2	33,329	1/2	45,380	1/2	57,431	1/2	69,481	1/2	81,532	1/2	93,583	1/2	105,633
3/4	89	3/4	9,773	3/4	21,624	3/4	33,580	3/4	45,631	3/4	57,682	3/4	69,732	3/4	81,783	3/4	93,834	3/4	105,884
1	110	1	10,024	1	21,868	1	33,831	1	45,882	1	57,933	1	69,983	1	82,034	1	94,085	1	106,135
1/4	173	1/4	10,275	1/4	22,112	1/4	34,082	1/4	46,133	1/4	58,184	1/4	70,234	1/4	82,285	1/4	94,336	1/4	106,386
1/2	235	1/2	10,526	1/2	22,355	1/2	34,333	1/2	46,384	1/2	58,435	1/2	70,486	1/2	82,536	1/2	94,587	1/2	106,638
3/4	298	3/4	10,777	3/4	22,599	3/4	34,585	3/4	46,635	3/4	58,686	3/4	70,737	3/4	82,787	3/4	94,838	3/4	106,889
2	361	2	11,028	2	22,843	2	34,836	2	46,886	2	58,937	2	70,988	2	83,038	2	95,089	2	107,140
1/4	465	1/4	11,279	1/4	23,086	1/4	35,087	1/4	47,137	1/4	59,188	1/4	71,239	1/4	83,289	1/4	95,340	1/4	107,391
1/2	570	1/2	11,530	1/2	23,330	1/2	35,338	1/2	47,388	1/2	59,439	1/2	71,490	1/2	83,540	1/2	95,591	1/2	107,642
3/4	675	3/4	11,781	3/4	23,574	3/4	35,589	3/4	47,639	3/4	59,690	3/4	71,741	3/4	83,791	3/4	95,842	3/4	107,893
3	779	3	12,032	3	23,817	3	35,840	3	47,890	3	59,941	3	71,992	3	84,043	3	96,093	3	108,144
1/4	926	1/4	12,283	1/4	24,061	1/4	36,091	1/4	48,142	1/4	60,192	1/4	72,243	1/4	84,294	1/4	96,344	1/4	108,395
1/2	1,072	1/2	12,534	1/2	24,305	1/2	36,342	1/2	48,393	1/2	60,443	1/2	72,494	1/2	84,545	1/2	96,595	1/2	108,646
3/4	1,218	3/4	12,785	3/4	24,549	3/4	36,593	3/4	48,644	3/4	60,694	3/4	72,745	3/4	84,796	3/4	96,846	3/4	108,897
4	1,365	4	13,036	4	24,793	4	36,844	4	48,895	4	60,945	4	72,996	4	85,047	4	97,097	4	109,148
1/4	1,553	1/4	13,287	1/4	25,044	1/4	37,095	1/4	49,146	1/4	61,196	1/4	73,247	1/4	85,298	1/4	97,348	1/4	109,399
1/2	1,741	1/2	13,538	1/2	25,295	1/2	37,346	1/2	49,397	1/2	61,447	1/2	73,498	1/2	85,549	1/2	97,600	1/2	109,650
3/4	1,930	3/4	13,789	3/4	25,547	3/4	37,597	3/4	49,648	3/4	61,699	3/4	73,749	3/4	85,800	3/4	97,851	3/4	109,901
5	2,118	5	14,040	5	25,798	5	37,848	5	49,899	5	61,950	5	74,000	5	86,051	5	98,102	5	110,152
1/4	2,347	1/4	14,291	1/4	26,049	1/4	38,099	1/4	50,150	1/4	62,201	1/4	74,251	1/4	86,302	1/4	98,353	1/4	110,403
1/2	2,577	1/2	14,542	1/2	26,300	1/2	38,350	1/2	50,401	1/2	62,452	1/2	74,502	1/2	86,553	1/2	98,604	1/2	110,654
3/4	2,806	3/4	14,793	3/4	26,551	3/4	38,601	3/4	50,652	3/4	62,703	3/4	74,753	3/4	86,804	3/4	98,855	3/4	110,905
6	3,036	6	15,044	6	26,802	6	38,852	6	50,903	6	62,954	6	75,005	6	87,055	6	99,106	6	111,157
1/4	3,282	1/4	15,288	1/4	27,053	1/4	39,104	1/4	51,154	1/4	63,205	1/4	75,256	1/4	87,306	1/4	99,357	1/4	111,408
1/2	3,528	1/2	15,532	1/2	27,304	1/2	39,355	1/2	51,405	1/2	63,456	1/2	75,507	1/2	87,557	1/2	99,608	1/2	111,659
3/4	3,774	3/4	15,776	3/4	27,555	3/4	39,606	3/4	51,656	3/4	63,707	3/4	75,758	3/4	87,808	3/4	99,859	3/4	111,910
7	4,020	7	16,020	7	27,806	7	39,857	7	51,907	7	63,958	7	76,009	7	88,059	7	100,110	7	112,161
1/4	4,268	1/4	16,264	1/4	28,057	1/4	40,108	1/4	52,158	1/4	64,209	1/4	76,260	1/4	88,310	1/4	100,361	1/4	112,412
1/2	4,516	1/2	16,507	1/2	28,308	1/2	40,359	1/2	52,409	1/2	64,460	1/2	76,511	1/2	88,562	1/2	100,612	1/2	112,663
3/4	4,765	3/4	16,751	3/4	28,559	3/4	40,610	3/4	52,661	3/4	64,711	3/4	76,762	3/4	88,813	3/4	100,863	3/4	112,914
8	5,013	8	16,995	8	28,810	8	40,861	8	52,912	8	64,962	8	77,013	8	89,064	8	101,114	8	113,165
1/4	5,262	1/4	17,238	1/4	29,061	1/4	41,112	1/4	53,163	1/4	65,213	1/4	77,264	1/4	89,315	1/4	101,365	1/4	113,416
1/2	5,512	1/2	17,482	1/2	29,312	1/2	41,363	1/2	53,414	1/2	65,464	1/2	77,515	1/2	89,566	1/2	101,616	1/2	113,666
3/4	5,761	3/4	17,726	3/4	29,563	3/4	41,614	3/4	53,665	3/4	65,715	3/4	77,766	3/4	89,817	3/4	101,867	3/4	113,917
9	6,011	9	17,969	9	29,814	9	41,865	9	53,916	9	65,966	9	78,017	9	90,068	9	102,119	9	114,168
1/4	6,261	1/4	18,213	1/4	30,066	1/4	42,116	1/4	54,167	1/4	66,218	1/4	78,268	1/4	90,319	1/4	102,370	1/4	114,419
1/2	6,511	1/2	18,457	1/2	30,317	1/2	42,367	1/2	54,418	1/2	66,469	1/2	78,519	1/2	90,570	1/2	102,621	1/2	114,670
3/4	6,762	3/4	18,700	3/4	30,568	3/4	42,618	3/4	54,669	3/4	66,720	3/4	78,770	3/4	90,821	3/4	102,872	3/4	114,921
10	7,012	10	18,944	10	30,819	10	42,869	10	54,920	10	66,971	10	79,021	10	91,072	10	103,123	10	115,172
1/4	7,263	1/4	19,188	1/4	31,070	1/4	43,120	1/4	55,171	1/4	67,222	1/4	79,272	1/4	91,323	1/4	103,374	1/4	115,423
1/2	7,514	1/2	19,431	1/2	31,321	1/2	43,371	1/2	55,422	1/2	67,473	1/2	79,524	1/2	91,574	1/2	103,625	1/2	115,674
3/4	7,765	3/4	19,675	3/4	31,572	3/4	43,623	3/4	55,673	3/4	67,724	3/4	79,775	3/4	91,825	3/4	103,876	3/4	115,925
11	8,015	11	19,919	11	31,823	11	43,874	11	55,924	11	67,975	11	80,026	11	92,076	11	104,127	11	116,176
1/4	8,266	1/4	20,162	1/4	32,074	1/4	44,125	1/4	56,175	1/4	68,226	1/4	80,277	1/4	92,327	1/4	104,378	1/4	116,427
1/2	8,517	1/2	20,406	1/2	32,325	1/2	44,376	1/2	56,426	1/2	68,477	1/2	80,528	1/2	92,578	1/2	104,629	1/2	116,678
3/4	8,768	3/4	20,650	3/4	32,576	3/4	44,627	3/4	56,677	3/4	68,728	3/4	80,779	3/4	92,829	3/4	104,880	3/4	116,929

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.

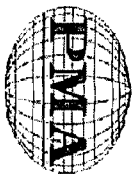
GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 32'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1300"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	117,180	0	129,226	0	141,230	0	153,168	0	162,973	0									
1/4	117,431	1/4	129,476	1/4	141,479	1/4	153,417	1/4	162,990	1/4									
1/2	117,682	1/2	129,727	1/2	141,728	1/2	153,665	1/2	163,008	1/2									
3/4	117,933	3/4	129,978	3/4	141,977	3/4	153,913	3/4	163,025	3/4									
1	118,184	1	130,229	1	142,225	1	154,161	1	163,043	1									
1/4	118,435	1/4	130,480	1/4	142,474	1/4	154,410	1/4		1/4									
1/2	118,686	1/2	130,731	1/2	142,723	1/2	154,659	1/2		1/2									
3/4	118,936	3/4	130,982	3/4	142,972	3/4	154,908	3/4		3/4									
2	119,187	2	131,233	2	143,221	2	155,157	2		2									
1/4	119,438	1/4	131,484	1/4	143,470	1/4	155,406	1/4		1/4									
1/2	119,689	1/2	131,735	1/2	143,719	1/2	155,655	1/2		1/2									
3/4	119,940	3/4	131,986	3/4	143,968	3/4	155,904	3/4		3/4									
3	120,191	3	132,237	3	144,216	3	156,152	3		3									
1/4	120,442	1/4	132,488	1/4	144,465	1/4	156,400	1/4		1/4									
1/2	120,693	1/2	132,739	1/2	144,714	1/2	156,648	1/2		1/2									
3/4	120,944	3/4	132,990	3/4	144,963	3/4	156,895	3/4		3/4									
4	121,195	4	133,241	4	145,212	4	157,143	4		4									
1/4	121,446	1/4	133,492	1/4	145,461	1/4	157,390	1/4		1/4									
1/2	121,697	1/2	133,743	1/2	145,710	1/2	157,638	1/2		1/2									
3/4	121,948	3/4	133,994	3/4	145,959	3/4	157,885	3/4		3/4									
5	122,199	5	134,245	5	146,208	5	158,133	5		5									
1/4	122,450	1/4	134,496	1/4	146,456	1/4	158,381	1/4		1/4									
1/2	122,701	1/2	134,746	1/2	146,705	1/2	158,628	1/2		1/2									
3/4	122,952	3/4	134,997	3/4	146,954	3/4	158,876	3/4		3/4									
6	123,203	6	135,248	6	147,203	6	159,123	6		6									
1/4	123,454	1/4	135,499	1/4	147,452	1/4	159,371	1/4		1/4									
1/2	123,705	1/2	135,750	1/2	147,701	1/2	159,618	1/2		1/2									
3/4	123,956	3/4	136,001	3/4	147,950	3/4	159,866	3/4		3/4									
7	124,206	7	136,252	7	148,199	7	160,114	7		7									
1/4	124,457	1/4	136,501	1/4	148,448	1/4	160,340	1/4		1/4									
1/2	124,708	1/2	136,750	1/2	148,696	1/2	160,567	1/2		1/2									
3/4	124,959	3/4	136,999	3/4	148,945	3/4	160,794	3/4		3/4									
8	125,210	8	137,248	8	149,194	8	161,020	8		8									
1/4	125,461	1/4	137,497	1/4	149,443	1/4	161,205	1/4		1/4									
1/2	125,712	1/2	137,745	1/2	149,692	1/2	161,390	1/2		1/2									
3/4	125,963	3/4	137,994	3/4	149,941	3/4	161,575	3/4		3/4									
9	126,214	9	138,243	9	150,190	9	161,759	9		9									
1/4	126,465	1/4	138,492	1/4	150,438	1/4	161,902	1/4		1/4									
1/2	126,716	1/2	138,741	1/2	150,686	1/2	162,045	1/2		1/2									
3/4	126,967	3/4	138,990	3/4	150,934	3/4	162,188	3/4		3/4									
10	127,218	10	139,239	10	151,183	10	162,331	10		10									
1/4	127,469	1/4	139,488	1/4	151,431	1/4	162,432	1/4		1/4									
1/2	127,720	1/2	139,737	1/2	151,679	1/2	162,534	1/2		1/2									
3/4	127,971	3/4	139,985	3/4	151,927	3/4	162,635	3/4		3/4									
11	128,222	11	140,234	11	152,176	11	162,736	11		11									
1/4	128,473	1/4	140,483	1/4	152,424	1/4	162,795	1/4		1/4									
1/2	128,724	1/2	140,732	1/2	152,672	1/2	162,854	1/2		1/2									
3/4	128,975	3/4	140,981	3/4	152,920	3/4	162,914	3/4		3/4									

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/07/2008 CL - SW
CALCULATED: 03/08/2008 CL
PRINTED: 03/09/2008 CL

CANCELS AND SUPERCANCELS
ALL PRIOR TO 03/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.

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<http://www.pma-inc.com>



BARGE "CBC 1300"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	26	0	8,070	0	18,830	0	29,597	0	40,375	0	51,154	0	61,932	0	72,711	0	83,489	0	94,268
1/4	45	1/4	8,294	1/4	19,053	1/4	29,821	1/4	40,600	1/4	51,378	1/4	62,157	1/4	72,935	1/4	83,714	1/4	94,492
1/2	64	1/2	8,519	1/2	19,277	1/2	30,046	1/2	40,824	1/2	51,603	1/2	62,381	1/2	73,160	1/2	83,938	1/2	94,717
3/4	82	3/4	8,744	3/4	19,501	3/4	30,270	3/4	41,049	3/4	51,827	3/4	62,606	3/4	73,384	3/4	84,163	3/4	94,942
1	101	1	8,968	1	19,725	1	30,495	1	41,273	1	52,052	1	62,830	1	73,609	1	84,388	1	95,166
1/4	157	1/4	9,193	1/4	19,948	1/4	30,719	1/4	41,498	1/4	52,276	1/4	63,055	1/4	73,834	1/4	84,612	1/4	95,391
1/2	213	1/2	9,417	1/2	20,172	1/2	30,944	1/2	41,722	1/2	52,501	1/2	63,280	1/2	74,058	1/2	84,837	1/2	95,615
3/4	269	3/4	9,642	3/4	20,396	3/4	31,168	3/4	41,947	3/4	52,726	3/4	63,504	3/4	74,283	3/4	85,061	3/4	95,840
2	325	2	9,866	2	20,620	2	31,393	2	42,172	2	52,950	2	63,729	2	74,507	2	85,286	2	96,064
1/4	419	1/4	10,091	1/4	20,843	1/4	31,618	1/4	42,396	1/4	53,175	1/4	63,953	1/4	74,732	1/4	85,510	1/4	96,289
1/2	513	1/2	10,315	1/2	21,067	1/2	31,842	1/2	42,621	1/2	53,399	1/2	64,178	1/2	74,956	1/2	85,735	1/2	96,513
3/4	606	3/4	10,540	3/4	21,291	3/4	32,067	3/4	42,845	3/4	53,624	3/4	64,402	3/4	75,181	3/4	85,959	3/4	96,738
3	700	3	10,764	3	21,515	3	32,291	3	43,070	3	53,848	3	64,627	3	75,405	3	86,184	3	96,962
1/4	831	1/4	10,989	1/4	21,739	1/4	32,516	1/4	43,294	1/4	54,073	1/4	64,851	1/4	75,630	1/4	86,409	1/4	97,187
1/2	962	1/2	11,213	1/2	21,963	1/2	32,740	1/2	43,519	1/2	54,297	1/2	65,076	1/2	75,855	1/2	86,633	1/2	97,412
3/4	1,093	3/4	11,438	3/4	22,187	3/4	32,965	3/4	43,743	3/4	54,522	3/4	65,301	3/4	76,079	3/4	86,858	3/4	97,636
4	1,224	4	11,662	4	22,411	4	33,189	4	43,968	4	54,747	4	65,525	4	76,304	4	87,082	4	97,861
1/4	1,392	1/4	11,887	1/4	22,635	1/4	33,414	1/4	44,193	1/4	54,971	1/4	65,750	1/4	76,528	1/4	87,307	1/4	98,085
1/2	1,560	1/2	12,111	1/2	22,860	1/2	33,639	1/2	44,417	1/2	55,196	1/2	65,974	1/2	76,753	1/2	87,531	1/2	98,310
3/4	1,729	3/4	12,336	3/4	23,085	3/4	33,863	3/4	44,642	3/4	55,420	3/4	66,199	3/4	76,977	3/4	87,756	3/4	98,534
5	1,897	5	12,560	5	23,309	5	34,088	5	44,866	5	55,645	5	66,423	5	77,202	5	87,980	5	98,759
1/4	2,102	1/4	12,785	1/4	23,534	1/4	34,312	1/4	45,091	1/4	55,869	1/4	66,648	1/4	77,426	1/4	88,205	1/4	98,983
1/2	2,308	1/2	13,009	1/2	23,758	1/2	34,537	1/2	45,315	1/2	56,094	1/2	66,872	1/2	77,651	1/2	88,429	1/2	99,208
3/4	2,513	3/4	13,234	3/4	23,983	3/4	34,761	3/4	45,540	3/4	56,318	3/4	67,097	3/4	77,875	3/4	88,654	3/4	99,433
6	2,718	6	13,458	6	24,207	6	34,986	6	45,764	6	56,543	6	67,321	6	78,100	6	88,879	6	99,657
1/4	2,938	1/4	13,683	1/4	24,432	1/4	35,210	1/4	45,989	1/4	56,768	1/4	67,546	1/4	78,325	1/4	89,103	1/4	99,882
1/2	3,158	1/2	13,907	1/2	24,656	1/2	35,435	1/2	46,214	1/2	56,992	1/2	67,771	1/2	78,549	1/2	89,328	1/2	100,106
3/4	3,378	3/4	14,131	3/4	24,881	3/4	35,660	3/4	46,438	3/4	57,217	3/4	67,995	3/4	78,774	3/4	89,552	3/4	100,331
7	3,598	7	14,355	7	25,106	7	35,884	7	46,663	7	57,441	7	68,220	7	78,998	7	89,777	7	100,555
1/4	3,820	1/4	14,579	1/4	25,330	1/4	36,109	1/4	46,887	1/4	57,666	1/4	68,444	1/4	79,223	1/4	90,001	1/4	100,780
1/2	4,042	1/2	14,802	1/2	25,555	1/2	36,333	1/2	47,112	1/2	57,890	1/2	68,669	1/2	79,447	1/2	90,226	1/2	101,004
3/4	4,264	3/4	15,026	3/4	25,779	3/4	36,558	3/4	47,336	3/4	58,115	3/4	68,893	3/4	79,672	3/4	90,450	3/4	101,229
8	4,486	8	15,250	8	26,004	8	36,782	8	47,561	8	58,339	8	69,118	8	79,896	8	90,675	8	101,454
1/4	4,709	1/4	15,473	1/4	26,228	1/4	37,007	1/4	47,785	1/4	58,564	1/4	69,342	1/4	80,121	1/4	90,900	1/4	101,678
1/2	4,933	1/2	15,697	1/2	26,453	1/2	37,231	1/2	48,010	1/2	58,788	1/2	69,567	1/2	80,346	1/2	91,124	1/2	101,903
3/4	5,156	3/4	15,921	3/4	26,677	3/4	37,456	3/4	48,234	3/4	59,013	3/4	69,792	3/4	80,570	3/4	91,349	3/4	102,127
9	5,379	9	16,145	9	26,902	9	37,680	9	48,459	9	59,238	9	70,016	9	80,795	9	91,573	9	102,352
1/4	5,603	1/4	16,368	1/4	27,127	1/4	37,905	1/4	48,684	1/4	59,462	1/4	70,241	1/4	81,019	1/4	91,798	1/4	102,576
1/2	5,827	1/2	16,592	1/2	27,351	1/2	38,130	1/2	48,908	1/2	59,687	1/2	70,465	1/2	81,244	1/2	92,022	1/2	102,801
3/4	6,051	3/4	16,816	3/4	27,576	3/4	38,354	3/4	49,133	3/4	59,911	3/4	70,690	3/4	81,468	3/4	92,247	3/4	103,025
10	6,275	10	17,040	10	27,800	10	38,579	10	49,357	10	60,136	10	70,914	10	81,693	10	92,471	10	103,250
1/4	6,499	1/4	17,263	1/4	28,025	1/4	38,803	1/4	49,582	1/4	60,360	1/4	71,139	1/4	81,917	1/4	92,696	1/4	103,474
1/2	6,723	1/2	17,487	1/2	28,249	1/2	39,028	1/2	49,806	1/2	60,585	1/2	71,363	1/2	82,142	1/2	92,921	1/2	103,699
3/4	6,948	3/4	17,711	3/4	28,474	3/4	39,252	3/4	50,031	3/4	60,809	3/4	71,588	3/4	82,367	3/4	93,145	3/4	103,924
11	7,172	11	17,935	11	28,698	11	39,477	11	50,255	11	61,034	11	71,813	11	82,591	11	93,370	11	104,148
1/4	7,396	1/4	18,158	1/4	28,923	1/4	39,701	1/4	50,480	1/4	61,259	1/4	72,037	1/4	82,816	1/4	93,594	1/4	104,373
1/2	7,621	1/2	18,382	1/2	29,147	1/2	39,926	1/2	50,705	1/2	61,483	1/2	72,262	1/2	83,040	1/2	93,819	1/2	104,597
3/4	7,845	3/4	18,606	3/4	29,372	3/4	40,151	3/4	50,929	3/4	61,708	3/4	72,486	3/4	83,265	3/4	94,043	3/4	104,822

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 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 1300"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/4"

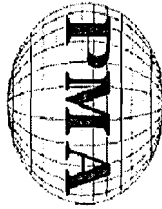
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	105,048	0	115,824	0	126,565	0	137,245	0	146,017	0		0		0		0		0	
1/4	105,271	1/4	116,049	1/4	126,788	1/4	137,467	1/4	146,032	1/4		1/4		1/4		1/4		1/4	
1/2	105,495	1/2	116,274	1/2	127,010	1/2	137,689	1/2	146,048	1/2		1/2		1/2		1/2		1/2	
3/4	105,720	3/4	116,498	3/4	127,233	3/4	137,911	3/4	146,064	3/4		3/4		3/4		3/4		3/4	
1	105,944	1	116,723	1	127,455	1	138,133	1	146,079	1		1		1		1		1	
1 1/4	106,169	1 1/4	116,947	1 1/4	127,678	1 1/4	138,356	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	106,394	1 1/2	117,172	1 1/2	127,901	1 1/2	138,579	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4 2	106,618	3/4 2	117,396	3/4 2	128,123	3/4 2	138,801	3/4 2		3/4 2		3/4 2		3/4 2		3/4 2		3/4 2	
2	106,843	2	117,621	2	128,346	2	139,024	2		2		2		2		2		2	
1 1/4 2	107,067	1 1/4 2	117,845	1 1/4 2	128,569	1 1/4 2	139,247	1 1/4 2		1 1/4 2		1 1/4 2		1 1/4 2		1 1/4 2		1 1/4 2	
1 1/2 2	107,292	1 1/2 2	118,070	1 1/2 2	128,791	1 1/2 2	139,469	1 1/2 2		1 1/2 2		1 1/2 2		1 1/2 2		1 1/2 2		1 1/2 2	
3/4 3	107,516	3/4 3	118,294	3/4 3	129,014	3/4 3	139,692	3/4 3		3/4 3		3/4 3		3/4 3		3/4 3		3/4 3	
3	107,741	3	118,519	3	129,237	3	139,915	3		3		3		3		3		3	
1 1/4 3	107,965	1 1/4 3	118,744	1 1/4 3	129,459	1 1/4 3	140,136	1 1/4 3		1 1/4 3		1 1/4 3		1 1/4 3		1 1/4 3		1 1/4 3	
1 1/2 3	108,190	1 1/2 3	118,968	1 1/2 3	129,682	1 1/2 3	140,358	1 1/2 3		1 1/2 3		1 1/2 3		1 1/2 3		1 1/2 3		1 1/2 3	
3/4 4	108,414	3/4 4	119,193	3/4 4	129,905	3/4 4	140,579	3/4 4		3/4 4		3/4 4		3/4 4		3/4 4		3/4 4	
4	108,639	4	119,417	4	130,127	4	140,801	4		4		4		4		4		4	
1 1/4 4	108,864	1 1/4 4	119,642	1 1/4 4	130,350	1 1/4 4	141,022	1 1/4 4		1 1/4 4		1 1/4 4		1 1/4 4		1 1/4 4		1 1/4 4	
1 1/2 4	109,088	1 1/2 4	119,866	1 1/2 4	130,573	1 1/2 4	141,244	1 1/2 4		1 1/2 4		1 1/2 4		1 1/2 4		1 1/2 4		1 1/2 4	
3/4 5	109,313	3/4 5	120,091	3/4 5	130,795	3/4 5	141,465	3/4 5		3/4 5		3/4 5		3/4 5		3/4 5		3/4 5	
5	109,537	5	120,315	5	131,018	5	141,687	5		5		5		5		5		5	
1 1/4 5	109,762	1 1/4 5	120,540	1 1/4 5	131,241	1 1/4 5	141,908	1 1/4 5		1 1/4 5		1 1/4 5		1 1/4 5		1 1/4 5		1 1/4 5	
1 1/2 5	109,986	1 1/2 5	120,765	1 1/2 5	131,463	1 1/2 5	142,130	1 1/2 5		1 1/2 5		1 1/2 5		1 1/2 5		1 1/2 5		1 1/2 5	
3/4 6	110,211	3/4 6	120,989	3/4 6	131,686	3/4 6	142,351	3/4 6		3/4 6		3/4 6		3/4 6		3/4 6		3/4 6	
6	110,435	6	121,214	6	131,909	6	142,572	6		6		6		6		6		6	
1 1/4 6	110,660	1 1/4 6	121,438	1 1/4 6	132,131	1 1/4 6	142,794	1 1/4 6		1 1/4 6		1 1/4 6		1 1/4 6		1 1/4 6		1 1/4 6	
1 1/2 6	110,884	1 1/2 6	121,663	1 1/2 6	132,354	1 1/2 6	143,015	1 1/2 6		1 1/2 6		1 1/2 6		1 1/2 6		1 1/2 6		1 1/2 6	
3/4 7	111,109	3/4 7	121,887	3/4 7	132,577	3/4 7	143,237	3/4 7		3/4 7		3/4 7		3/4 7		3/4 7		3/4 7	
7	111,334	7	122,112	7	132,799	7	143,458	7		7		7		7		7		7	
1 1/4 7	111,558	1 1/4 7	122,334	1 1/4 7	133,022	1 1/4 7	143,661	1 1/4 7		1 1/4 7		1 1/4 7		1 1/4 7		1 1/4 7		1 1/4 7	
1 1/2 7	111,783	1 1/2 7	122,557	1 1/2 7	133,244	1 1/2 7	143,864	1 1/2 7		1 1/2 7		1 1/2 7		1 1/2 7		1 1/2 7		1 1/2 7	
3/4 8	112,007	3/4 8	122,780	3/4 8	133,467	3/4 8	144,067	3/4 8		3/4 8		3/4 8		3/4 8		3/4 8		3/4 8	
8	112,232	8	123,002	8	133,690	8	144,269	8		8		8		8		8		8	
1 1/4 8	112,456	1 1/4 8	123,225	1 1/4 8	133,912	1 1/4 8	144,435	1 1/4 8		1 1/4 8		1 1/4 8		1 1/4 8		1 1/4 8		1 1/4 8	
1 1/2 8	112,681	1 1/2 8	123,448	1 1/2 8	134,135	1 1/2 8	144,600	1 1/2 8		1 1/2 8		1 1/2 8		1 1/2 8		1 1/2 8		1 1/2 8	
3/4 9	112,905	3/4 9	123,670	3/4 9	134,358	3/4 9	144,766	3/4 9		3/4 9		3/4 9		3/4 9		3/4 9		3/4 9	
9	113,130	9	123,893	9	134,580	9	144,931	9		9		9		9		9		9	
1 1/4 9	113,354	1 1/4 9	124,116	1 1/4 9	134,802	1 1/4 9	145,059	1 1/4 9		1 1/4 9		1 1/4 9		1 1/4 9		1 1/4 9		1 1/4 9	
1 1/2 9	113,579	1 1/2 9	124,338	1 1/2 9	135,025	1 1/2 9	145,187	1 1/2 9		1 1/2 9		1 1/2 9		1 1/2 9		1 1/2 9		1 1/2 9	
3/4 10	113,804	3/4 10	124,561	3/4 10	135,247	3/4 10	145,315	3/4 10		3/4 10		3/4 10		3/4 10		3/4 10		3/4 10	
10	114,028	10	124,784	10	135,469	10	145,443	10		10		10		10		10		10	
1 1/4 10	114,253	1 1/4 10	125,006	1 1/4 10	135,691	1 1/4 10	145,533	1 1/4 10		1 1/4 10		1 1/4 10		1 1/4 10		1 1/4 10		1 1/4 10	
1 1/2 10	114,477	1 1/2 10	125,229	1 1/2 10	135,913	1 1/2 10	145,623	1 1/2 10		1 1/2 10		1 1/2 10		1 1/2 10		1 1/2 10		1 1/2 10	
3/4 11	114,702	3/4 11	125,452	3/4 11	136,135	3/4 11	145,714	3/4 11		3/4 11		3/4 11		3/4 11		3/4 11		3/4 11	
11	114,926	11	125,674	11	136,357	11	145,804	11		11		11		11		11		11	
1 1/4 11	115,151	1 1/4 11	125,897	1 1/4 11	136,579	1 1/4 11	145,858	1 1/4 11		1 1/4 11		1 1/4 11		1 1/4 11		1 1/4 11		1 1/4 11	
1 1/2 11	115,375	1 1/2 11	126,120	1 1/2 11	136,801	1 1/2 11	145,911	1 1/2 11		1 1/2 11		1 1/2 11		1 1/2 11		1 1/2 11		1 1/2 11	
3/4 12	115,600	3/4 12	126,342	3/4 12	137,023	3/4 12	145,964	3/4 12		3/4 12		3/4 12		3/4 12		3/4 12		3/4 12	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/07/2008 CL - SW
CALCULATED: 03/08/2008 CL
PRINTED: 03/09/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1300"

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	00-1/8	- 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
2 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
3 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	00-3/8	- 00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 159'-03"

March 9, 2008

PRECISION MEASUREMENT

& ANALYSIS, INC.
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Pearland, Texas 77588

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BARGE "CBC 1300"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	143,719	0	134,560	0	124,015	0	113,408	0	102,770	0	92,129	0	81,487	0	70,844	0	60,202
1/4		1/4	143,666	1/4	134,340	1/4	123,795	1/4	113,186	1/4	102,548	1/4	91,907	1/4	81,265	1/4	70,623	1/4	59,980
1/2		1/2	143,577	1/2	134,121	1/2	123,575	1/2	112,964	1/2	102,326	1/2	91,686	1/2	81,043	1/2	70,401	1/2	59,759
3/4		3/4	143,488	3/4	133,902	3/4	123,355	3/4	112,743	3/4	102,105	3/4	91,464	3/4	80,822	3/4	70,179	3/4	59,537
1		1	143,399	1	133,683	1	123,135	1	112,521	1	101,883	1	91,242	1	80,600	1	69,957	1	59,315
1/4		1/4	143,309	1/4	133,464	1/4	122,916	1/4	112,300	1/4	101,662	1/4	91,020	1/4	80,378	1/4	69,736	1/4	59,093
1/2		1/2	143,183	1/2	133,244	1/2	122,696	1/2	112,078	1/2	101,440	1/2	90,799	1/2	80,156	1/2	69,514	1/2	58,872
3/4		3/4	143,057	3/4	133,025	3/4	122,476	3/4	111,856	3/4	101,218	3/4	90,577	3/4	79,935	3/4	69,292	3/4	58,650
2		2	142,930	2	132,806	2	122,256	2	111,635	2	100,997	2	90,355	2	79,713	2	69,071	2	58,428
1/4		1/4	142,804	1/4	132,587	1/4	122,036	1/4	111,413	1/4	100,775	1/4	90,134	1/4	79,491	1/4	68,849	1/4	58,207
1/2		1/2	142,641	1/2	132,367	1/2	121,817	1/2	111,191	1/2	100,554	1/2	89,912	1/2	79,270	1/2	68,627	1/2	57,985
3/4		3/4	142,478	3/4	132,147	3/4	121,597	3/4	110,970	3/4	100,332	3/4	89,690	3/4	79,048	3/4	68,405	3/4	57,763
3		3	142,315	3	131,927	3	121,377	3	110,748	3	100,110	3	89,468	3	78,826	3	68,184	3	57,541
1/4		1/4	142,151	1/4	131,707	1/4	121,157	1/4	110,527	1/4	99,889	1/4	89,247	1/4	78,604	1/4	67,962	1/4	57,320
1/2		1/2	141,951	1/2	131,488	1/2	120,937	1/2	110,305	1/2	99,667	1/2	89,025	1/2	78,383	1/2	67,740	1/2	57,098
3/4		3/4	141,751	3/4	131,268	3/4	120,718	3/4	110,083	3/4	99,445	3/4	88,803	3/4	78,161	3/4	67,519	3/4	56,876
4		4	141,551	4	131,048	4	120,498	4	109,862	4	99,224	4	88,582	4	77,939	4	67,297	4	56,655
1/4		1/4	141,351	1/4	130,828	1/4	120,278	1/4	109,640	1/4	99,002	1/4	88,360	1/4	77,718	1/4	67,075	1/4	56,433
1/2		1/2	141,132	1/2	130,608	1/2	120,056	1/2	109,418	1/2	98,780	1/2	88,138	1/2	77,496	1/2	66,853	1/2	56,211
3/4		3/4	140,913	3/4	130,389	3/4	119,835	3/4	109,197	3/4	98,559	3/4	87,916	3/4	77,274	3/4	66,632	3/4	55,989
5		5	140,695	5	130,169	5	119,613	5	108,975	5	98,337	5	87,695	5	77,052	5	66,410	5	55,768
1/4		1/4	140,476	1/4	129,949	1/4	119,391	1/4	108,754	1/4	98,115	1/4	87,473	1/4	76,831	1/4	66,188	1/4	55,546
1/2		1/2	140,258	1/2	129,729	1/2	119,170	1/2	108,532	1/2	97,894	1/2	87,251	1/2	76,609	1/2	65,967	1/2	55,324
3/4		3/4	140,039	3/4	129,509	3/4	118,948	3/4	108,310	3/4	97,672	3/4	87,030	3/4	76,387	3/4	65,745	3/4	55,103
6		6	139,820	6	129,290	6	118,727	6	108,089	6	97,450	6	86,808	6	76,166	6	65,523	6	54,881
1/4		1/4	139,602	1/4	129,070	1/4	118,505	1/4	107,867	1/4	97,228	1/4	86,586	1/4	75,944	1/4	65,301	1/4	54,659
1/2		1/2	139,383	1/2	128,850	1/2	118,283	1/2	107,645	1/2	97,007	1/2	86,364	1/2	75,722	1/2	65,080	1/2	54,437
3/4		3/4	139,164	3/4	128,630	3/4	118,062	3/4	107,424	3/4	96,785	3/4	86,143	3/4	75,500	3/4	64,858	3/4	54,216
7		7	138,946	7	128,410	7	117,840	7	107,202	7	96,563	7	85,921	7	75,279	7	64,636	7	53,994
1/4		1/4	138,727	1/4	128,191	1/4	117,618	1/4	106,981	1/4	96,342	1/4	85,699	1/4	75,057	1/4	64,415	1/4	53,772
1/2		1/2	138,508	1/2	127,971	1/2	117,397	1/2	106,759	1/2	96,120	1/2	85,478	1/2	74,835	1/2	64,193	1/2	53,551
3/4		3/4	138,290	3/4	127,751	3/4	117,175	3/4	106,537	3/4	95,898	3/4	85,256	3/4	74,613	3/4	63,971	3/4	53,329
8		8	138,071	8	127,531	8	116,954	8	106,316	8	95,676	8	85,034	8	74,392	8	63,749	8	53,107
1/4		1/4	137,853	1/4	127,312	1/4	116,732	1/4	106,094	1/4	95,455	1/4	84,812	1/4	74,170	1/4	63,528	1/4	52,885
1/2		1/2	137,633	1/2	127,092	1/2	116,510	1/2	105,872	1/2	95,233	1/2	84,591	1/2	73,948	1/2	63,306	1/2	52,664
3/4		3/4	137,413	3/4	126,872	3/4	116,289	3/4	105,651	3/4	95,011	3/4	84,369	3/4	73,727	3/4	63,084	3/4	52,442
9		9	137,193	9	126,652	9	116,067	9	105,429	9	94,790	9	84,147	9	73,505	9	62,863	9	52,220
1/4		1/4	136,973	1/4	126,432	1/4	115,846	1/4	105,208	1/4	94,568	1/4	83,926	1/4	73,283	1/4	62,641	1/4	51,999
1/2		1/2	136,754	1/2	126,213	1/2	115,624	1/2	104,986	1/2	94,346	1/2	83,704	1/2	73,061	1/2	62,419	1/2	51,777
3/4		3/4	136,534	3/4	125,993	3/4	115,402	3/4	104,764	3/4	94,124	3/4	83,482	3/4	72,840	3/4	62,197	3/4	51,555
10		10	136,314	10	125,773	10	115,181	10	104,543	10	93,903	10	83,260	10	72,618	10	61,976	10	51,333
1/4	143,937	1/4	136,094	1/4	125,553	1/4	114,959	1/4	104,321	1/4	93,681	1/4	83,039	1/4	72,396	1/4	61,754	1/4	51,112
1/2	143,922	1/2	135,875	1/2	125,333	1/2	114,737	1/2	104,099	1/2	93,459	1/2	82,817	1/2	72,175	1/2	61,532	1/2	50,890
3/4	143,907	3/4	135,656	3/4	125,114	3/4	114,516	3/4	103,878	3/4	93,238	3/4	82,595	3/4	71,953	3/4	61,311	3/4	50,668
11	143,891	11	135,436	11	124,894	11	114,294	11	103,656	11	93,016	11	82,374	11	71,731	11	61,089	11	50,447
1/4	143,876	1/4	135,217	1/4	124,674	1/4	114,073	1/4	103,435	1/4	92,794	1/4	82,152	1/4	71,509	1/4	60,867	1/4	50,225
1/2	143,824	1/2	134,998	1/2	124,454	1/2	113,851	1/2	103,213	1/2	92,572	1/2	81,930	1/2	71,288	1/2	60,645	1/2	50,003
3/4	143,771	3/4	134,779	3/4	124,234	3/4	113,629	3/4	102,991	3/4	92,351	3/4	81,708	3/4	71,066	3/4	60,424	3/4	49,781

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 27'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1300"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	49,560	0	38,917	0	28,275	0	17,781	0	7,303	0		0		0		0		0	
1/4	49,338	1/4	38,696	1/4	28,053	1/4	17,567	1/4	7,082	1/4		1/4		1/4		1/4		1/4	
1/2	49,116	1/2	38,474	1/2	27,832	1/2	17,353	1/2	6,860	1/2		1/2		1/2		1/2		1/2	
3/4	48,895	3/4	38,252	3/4	27,610	3/4	17,139	3/4	6,639	3/4		3/4		3/4		3/4		3/4	
1	48,673	1	38,031	1	27,388	1	16,926	1	6,417	1		1		1		1		1	
1/4	48,451	1/4	37,809	1/4	27,167	1/4	16,712	1/4	6,196	1/4		1/4		1/4		1/4		1/4	
1/2	48,229	1/2	37,587	1/2	26,945	1/2	16,498	1/2	5,975	1/2		1/2		1/2		1/2		1/2	
3/4	48,008	3/4	37,365	3/4	26,723	3/4	16,284	3/4	5,754	3/4		3/4		3/4		3/4		3/4	
2	47,786	2	37,144	2	26,501	2	16,070	2	5,533	2		2		2		2		2	
1/4	47,564	1/4	36,922	1/4	26,280	1/4	15,856	1/4	5,311	1/4		1/4		1/4		1/4		1/4	
1/2	47,343	1/2	36,700	1/2	26,058	1/2	15,642	1/2	5,091	1/2		1/2		1/2		1/2		1/2	
3/4	47,121	3/4	36,479	3/4	25,836	3/4	15,429	3/4	4,871	3/4		3/4		3/4		3/4		3/4	
3	46,899	3	36,257	3	25,615	3	15,215	3	4,650	3		3		3		3		3	
1/4	46,677	1/4	36,035	1/4	25,393	1/4	15,001	1/4	4,430	1/4		1/4		1/4		1/4		1/4	
1/2	46,456	1/2	35,813	1/2	25,171	1/2	14,787	1/2	4,211	1/2		1/2		1/2		1/2		1/2	
3/4	46,234	3/4	35,592	3/4	24,949	3/4	14,573	3/4	3,992	3/4		3/4		3/4		3/4		3/4	
4	46,012	4	35,370	4	24,728	4	14,359	4	3,772	4		4		4		4		4	
1/4	45,791	1/4	35,148	1/4	24,506	1/4	14,146	1/4	3,553	1/4		1/4		1/4		1/4		1/4	
1/2	45,569	1/2	34,927	1/2	24,284	1/2	13,931	1/2	3,336	1/2		1/2		1/2		1/2		1/2	
3/4	45,347	3/4	34,705	3/4	24,063	3/4	13,717	3/4	3,119	3/4		3/4		3/4		3/4		3/4	
5	45,125	5	34,483	5	23,841	5	13,503	5	2,901	5		5		5		5		5	
1/4	44,904	1/4	34,261	1/4	23,619	1/4	13,289	1/4	2,684	1/4		1/4		1/4		1/4		1/4	
1/2	44,682	1/2	34,040	1/2	23,397	1/2	13,067	1/2	2,481	1/2		1/2		1/2		1/2		1/2	
3/4	44,460	3/4	33,818	3/4	23,176	3/4	12,845	3/4	2,279	3/4		3/4		3/4		3/4		3/4	
6	44,239	6	33,596	6	22,954	6	12,624	6	2,076	6		6		6		6		6	
1/4	44,017	1/4	33,375	1/4	22,732	1/4	12,402	1/4	1,874	1/4		1/4		1/4		1/4		1/4	
1/2	43,795	1/2	33,153	1/2	22,510	1/2	12,180	1/2	1,707	1/2		1/2		1/2		1/2		1/2	
3/4	43,573	3/4	32,931	3/4	22,289	3/4	11,959	3/4	1,541	3/4		3/4		3/4		3/4		3/4	
7	43,352	7	32,709	7	22,067	7	11,737	7	1,375	7		7		7		7		7	
1/4	43,130	1/4	32,488	1/4	21,845	1/4	11,515	1/4	1,209	1/4		1/4		1/4		1/4		1/4	
1/2	42,908	1/2	32,266	1/2	21,631	1/2	11,294	1/2	1,079	1/2		1/2		1/2		1/2		1/2	
3/4	42,687	3/4	32,044	3/4	21,417	3/4	11,072	3/4	950	3/4		3/4		3/4		3/4		3/4	
8	42,465	8	31,823	8	21,203	8	10,850	8	821	8		8		8		8		8	
1/4	42,243	1/4	31,601	1/4	20,989	1/4	10,629	1/4	691	1/4		1/4		1/4		1/4		1/4	
1/2	42,021	1/2	31,379	1/2	20,775	1/2	10,407	1/2	599	1/2		1/2		1/2		1/2		1/2	
3/4	41,800	3/4	31,157	3/4	20,561	3/4	10,185	3/4	507	3/4		3/4		3/4		3/4		3/4	
9	41,578	9	30,936	9	20,347	9	9,964	9	414	9		9		9		9		9	
1/4	41,356	1/4	30,714	1/4	20,133	1/4	9,742	1/4	322	1/4		1/4		1/4		1/4		1/4	
1/2	41,135	1/2	30,492	1/2	19,919	1/2	9,520	1/2	266	1/2		1/2		1/2		1/2		1/2	
3/4	40,913	3/4	30,271	3/4	19,706	3/4	9,299	3/4	211	3/4		3/4		3/4		3/4		3/4	
10	40,691	10	30,049	10	19,492	10	9,077	10	156	10		10		10		10		10	
1/4	40,469	1/4	29,827	1/4	19,278	1/4	8,855	1/4	100	1/4		1/4		1/4		1/4		1/4	
1/2	40,248	1/2	29,605	1/2	19,064	1/2	8,633	1/2	82	1/2		1/2		1/2		1/2		1/2	
3/4	40,026	3/4	29,384	3/4	18,850	3/4	8,412	3/4	63	3/4		3/4		3/4		3/4		3/4	
11	39,804	11	29,162	11	18,636	11	8,190	11	45	11		11		11		11		11	
1/4	39,583	1/4	28,940	1/4	18,422	1/4	7,968	1/4	26	1/4		1/4		1/4		1/4		1/4	
1/2	39,361	1/2	28,719	1/2	18,209	1/2	7,747	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,139	3/4	28,497	3/4	17,995	3/4	7,525	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 03/07/2008 CL - SW
CALCULATED: 03/08/2008 CL
PRINTED: 03/09/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2008

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CBC 1300"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

GRAPE HEIGHT 15-35																			
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	162,973	0	153,168	0	141,230	0	129,226	0	117,180	0	105,131	0	93,081	0	81,030	0	68,979
1/4		1/4	162,914	1/4	152,920	1/4	140,981	1/4	128,975	1/4	116,929	1/4	104,880	1/4	92,829	1/4	80,779	1/4	68,728
1/2		1/2	162,854	1/2	152,672	1/2	140,732	1/2	128,724	1/2	116,678	1/2	104,629	1/2	92,578	1/2	80,528	1/2	68,477
3/4		3/4	162,795	3/4	152,424	3/4	140,483	3/4	128,473	3/4	116,427	3/4	104,378	3/4	92,327	3/4	80,277	3/4	68,226
1		1	162,736	1	152,176	1	140,234	1	128,222	1	116,176	1	104,127	1	92,076	1	80,026	1	67,975
1/4		1/4	162,635	1/4	151,927	1/4	139,985	1/4	127,971	1/4	115,925	1/4	103,876	1/4	91,825	1/4	79,775	1/4	67,724
1/2		1/2	162,534	1/2	151,679	1/2	139,737	1/2	127,720	1/2	115,674	1/2	103,625	1/2	91,574	1/2	79,524	1/2	67,473
3/4		3/4	162,432	3/4	151,431	3/4	139,488	3/4	127,469	3/4	115,423	3/4	103,374	3/4	91,323	3/4	79,272	3/4	67,222
2		2	162,331	2	151,183	2	139,239	2	127,218	2	115,172	2	103,123	2	91,072	2	79,021	2	66,971
1/4		1/4	162,188	1/4	150,934	1/4	138,990	1/4	126,967	1/4	114,921	1/4	102,872	1/4	90,821	1/4	78,770	1/4	66,720
1/2		1/2	162,045	1/2	150,686	1/2	138,741	1/2	126,716	1/2	114,670	1/2	102,621	1/2	90,570	1/2	78,519	1/2	66,469
3/4		3/4	161,902	3/4	150,438	3/4	138,492	3/4	126,465	3/4	114,419	3/4	102,370	3/4	90,319	3/4	78,268	3/4	66,218
3		3	161,759	3	150,190	3	138,243	3	126,214	3	114,168	3	102,119	3	90,068	3	78,017	3	65,966
1/4		1/4	161,575	1/4	149,941	1/4	137,994	1/4	125,963	1/4	113,917	1/4	101,867	1/4	89,817	1/4	77,766	1/4	65,715
1/2		1/2	161,390	1/2	149,692	1/2	137,745	1/2	125,712	1/2	113,666	1/2	101,616	1/2	89,566	1/2	77,515	1/2	65,464
3/4		3/4	161,205	3/4	149,443	3/4	137,497	3/4	125,461	3/4	113,416	3/4	101,365	3/4	89,315	3/4	77,264	3/4	65,213
4		4	161,020	4	149,194	4	137,248	4	125,210	4	113,165	4	101,114	4	89,064	4	77,013	4	64,962
1/4		1/4	160,794	1/4	148,945	1/4	136,999	1/4	124,959	1/4	112,914	1/4	100,863	1/4	88,813	1/4	76,762	1/4	64,711
1/2		1/2	160,567	1/2	148,696	1/2	136,750	1/2	124,708	1/2	112,663	1/2	100,612	1/2	88,562	1/2	76,511	1/2	64,460
3/4		3/4	160,340	3/4	148,448	3/4	136,501	3/4	124,457	3/4	112,412	3/4	100,361	3/4	88,310	3/4	76,260	3/4	64,209
5		5	160,114	5	148,199	5	136,252	5	124,206	5	112,161	5	100,110	5	88,059	5	76,009	5	63,958
1/4		1/4	159,866	1/4	147,950	1/4	136,001	1/4	123,956	1/4	111,910	1/4	99,859	1/4	87,808	1/4	75,758	1/4	63,707
1/2		1/2	159,618	1/2	147,701	1/2	135,750	1/2	123,705	1/2	111,659	1/2	99,608	1/2	87,557	1/2	75,507	1/2	63,456
3/4		3/4	159,371	3/4	147,452	3/4	135,499	3/4	123,454	3/4	111,408	3/4	99,357	3/4	87,306	3/4	75,256	3/4	63,205
6		6	159,123	6	147,203	6	135,248	6	123,203	6	111,157	6	99,106	6	87,055	6	75,005	6	62,954
1/4		1/4	158,876	1/4	146,954	1/4	134,997	1/4	122,952	1/4	110,905	1/4	98,855	1/4	86,804	1/4	74,753	1/4	62,703
1/2		1/2	158,628	1/2	146,705	1/2	134,746	1/2	122,701	1/2	110,654	1/2	98,604	1/2	86,553	1/2	74,502	1/2	62,452
3/4		3/4	158,381	3/4	146,456	3/4	134,496	3/4	122,450	3/4	110,403	3/4	98,353	3/4	86,302	3/4	74,251	3/4	62,201
7		7	158,133	7	146,208	7	134,245	7	122,199	7	110,152	7	98,102	7	86,051	7	74,000	7	61,950
1/4		1/4	157,885	1/4	145,959	1/4	133,994	1/4	121,948	1/4	109,901	1/4	97,851	1/4	85,800	1/4	73,749	1/4	61,699
1/2		1/2	157,638	1/2	145,710	1/2	133,743	1/2	121,697	1/2	109,650	1/2	97,600	1/2	85,549	1/2	73,498	1/2	61,447
3/4		3/4	157,390	3/4	145,461	3/4	133,492	3/4	121,446	3/4	109,399	3/4	97,348	3/4	85,298	3/4	73,247	3/4	61,196
8		8	157,143	8	145,212	8	133,241	8	121,195	8	109,148	8	97,097	8	85,047	8	72,996	8	60,945
1/4		1/4	156,895	1/4	144,963	1/4	132,990	1/4	120,944	1/4	108,897	1/4	96,846	1/4	84,796	1/4	72,745	1/4	60,694
1/2		1/2	156,648	1/2	144,714	1/2	132,739	1/2	120,693	1/2	108,646	1/2	96,595	1/2	84,545	1/2	72,494	1/2	60,443
3/4		3/4	156,400	3/4	144,465	3/4	132,488	3/4	120,442	3/4	108,395	3/4	96,344	3/4	84,294	3/4	72,243	3/4	60,192
9		9	156,152	9	144,216	9	132,237	9	120,191	9	108,144	9	96,093	9	84,043	9	71,992	9	59,941
1/4		1/4	155,904	1/4	143,968	1/4	131,986	1/4	119,940	1/4	107,893	1/4	95,842	1/4	83,791	1/4	71,741	1/4	59,690
1/2		1/2	155,655	1/2	143,719	1/2	131,735	1/2	119,689	1/2	107,642	1/2	95,591	1/2	83,540	1/2	71,490	1/2	59,439
3/4		3/4	155,406	3/4	143,470	3/4	131,484	3/4	119,438	3/4	107,391	3/4	95,340	3/4	83,289	3/4	71,239	3/4	59,188
10		10	155,157	10	143,221	10	131,233	10	119,187	10	107,140	10	95,089	10	83,038	10	70,988	10	58,937
1/4		1/4	154,908	1/4	142,972	1/4	130,982	1/4	118,936	1/4	106,889	1/4	94,838	1/4	82,787	1/4	70,737	1/4	58,686
1/2		1/2	154,659	1/2	142,723	1/2	130,731	1/2	118,686	1/2	106,638	1/2	94,587	1/2	82,536	1/2	70,486	1/2	58,435
3/4		3/4	154,410	3/4	142,474	3/4	130,480	3/4	118,435	3/4	106,386	3/4	94,336	3/4	82,285	3/4	70,234	3/4	58,184
11	163,043	11	154,161	11	142,225	11	130,229	11	118,184	11	106,135	11	94,085	11	82,034	11	69,983	11	57,933
1/4	163,025	1/4	153,913	1/4	141,977	1/4	129,978	1/4	117,933	1/4	105,884	1/4	93,834	1/4	81,783	1/4	69,732	1/4	57,682
1/2	163,008	1/2	153,665	1/2	141,728	1/2	129,727	1/2	117,682	1/2	105,633	1/2	93,583	1/2	81,532	1/2	69,481	1/2	57,431
3/4	162,990	3/4	153,417	3/4	141,479	3/4	129,476	3/4	117,431	3/4	105,382	3/4	93,332	3/4	81,281	3/4	69,230	3/4	57,180

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 INNAUGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 32'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1300"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	56,928	0	44,878	0	32,827	0	20,893	0	9,019	0	26	0	0	0	0	0	0	0	0
1/4	56,677	1/4	44,627	1/4	32,576	1/4	20,650	1/4	8,768	1/4		1/4		1/4		1/4		1/4	
1/2	56,426	1/2	44,376	1/2	32,325	1/2	20,406	1/2	8,517	1/2		1/2		1/2		1/2		1/2	
3/4	56,175	3/4	44,125	3/4	32,074	3/4	20,162	3/4	8,266	3/4		3/4		3/4		3/4		3/4	
1	55,924	1	43,874	1	31,823	1	19,919	1	8,015	1	1	1	1	1	1	1	1	1	1
1/4	55,673	1/4	43,623	1/4	31,572	1/4	19,675	1/4	7,765	1/4		1/4		1/4		1/4		1/4	
1/2	55,422	1/2	43,371	1/2	31,321	1/2	19,431	1/2	7,514	1/2		1/2		1/2		1/2		1/2	
3/4	55,171	3/4	43,120	3/4	31,070	3/4	19,188	3/4	7,263	3/4		3/4		3/4		3/4		3/4	
2	54,920	2	42,869	2	30,819	2	18,944	2	7,012	2	2	2	2	2	2	2	2	2	2
1/4	54,669	1/4	42,618	1/4	30,568	1/4	18,700	1/4	6,762	1/4		1/4		1/4		1/4		1/4	
1/2	54,418	1/2	42,367	1/2	30,317	1/2	18,457	1/2	6,511	1/2		1/2		1/2		1/2		1/2	
3/4	54,167	3/4	42,116	3/4	30,066	3/4	18,213	3/4	6,261	3/4		3/4		3/4		3/4		3/4	
3	53,916	3	41,865	3	29,814	3	17,969	3	6,011	3	3	3	3	3	3	3	3	3	3
1/4	53,665	1/4	41,614	1/4	29,563	1/4	17,726	1/4	5,761	1/4		1/4		1/4		1/4		1/4	
1/2	53,414	1/2	41,363	1/2	29,312	1/2	17,482	1/2	5,512	1/2		1/2		1/2		1/2		1/2	
3/4	53,163	3/4	41,112	3/4	29,061	3/4	17,238	3/4	5,262	3/4		3/4		3/4		3/4		3/4	
4	52,912	4	40,861	4	28,810	4	16,995	4	5,013	4	4	4	4	4	4	4	4	4	4
1/4	52,661	1/4	40,610	1/4	28,559	1/4	16,751	1/4	4,765	1/4		1/4		1/4		1/4		1/4	
1/2	52,409	1/2	40,359	1/2	28,308	1/2	16,507	1/2	4,516	1/2		1/2		1/2		1/2		1/2	
3/4	52,158	3/4	40,108	3/4	28,057	3/4	16,264	3/4	4,268	3/4		3/4		3/4		3/4		3/4	
5	51,907	5	39,857	5	27,806	5	16,020	5	4,020	5	5	5	5	5	5	5	5	5	5
1/4	51,656	1/4	39,606	1/4	27,555	1/4	15,776	1/4	3,774	1/4		1/4		1/4		1/4		1/4	
1/2	51,405	1/2	39,355	1/2	27,304	1/2	15,532	1/2	3,528	1/2		1/2		1/2		1/2		1/2	
3/4	51,154	3/4	39,104	3/4	27,053	3/4	15,288	3/4	3,282	3/4		3/4		3/4		3/4		3/4	
6	50,903	6	38,852	6	26,802	6	15,044	6	3,036	6	6	6	6	6	6	6	6	6	6
1/4	50,652	1/4	38,601	1/4	26,551	1/4	14,793	1/4	2,806	1/4		1/4		1/4		1/4		1/4	
1/2	50,401	1/2	38,350	1/2	26,300	1/2	14,542	1/2	2,577	1/2		1/2		1/2		1/2		1/2	
3/4	50,150	3/4	38,099	3/4	26,049	3/4	14,291	3/4	2,347	3/4		3/4		3/4		3/4		3/4	
7	49,899	7	37,848	7	25,798	7	14,040	7	2,118	7	7	7	7	7	7	7	7	7	7
1/4	49,648	1/4	37,597	1/4	25,547	1/4	13,789	1/4	1,930	1/4		1/4		1/4		1/4		1/4	
1/2	49,397	1/2	37,346	1/2	25,295	1/2	13,538	1/2	1,741	1/2		1/2		1/2		1/2		1/2	
3/4	49,146	3/4	37,095	3/4	25,044	3/4	13,287	3/4	1,553	3/4		3/4		3/4		3/4		3/4	
8	48,895	8	36,844	8	24,793	8	13,036	8	1,365	8	8	8	8	8	8	8	8	8	8
1/4	48,644	1/4	36,593	1/4	24,549	1/4	12,785	1/4	1,218	1/4		1/4		1/4		1/4		1/4	
1/2	48,393	1/2	36,342	1/2	24,305	1/2	12,534	1/2	1,072	1/2		1/2		1/2		1/2		1/2	
3/4	48,142	3/4	36,091	3/4	24,061	3/4	12,283	3/4	926	3/4		3/4		3/4		3/4		3/4	
9	47,890	9	35,840	9	23,817	9	12,032	9	779	9	9	9	9	9	9	9	9	9	9
1/4	47,639	1/4	35,589	1/4	23,574	1/4	11,781	1/4	675	1/4		1/4		1/4		1/4		1/4	
1/2	47,388	1/2	35,338	1/2	23,330	1/2	11,530	1/2	570	1/2		1/2		1/2		1/2		1/2	
3/4	47,137	3/4	35,087	3/4	23,086	3/4	11,279	3/4	465	3/4		3/4		3/4		3/4		3/4	
10	46,886	10	34,836	10	22,843	10	11,028	10	361	10	10	10	10	10	10	10	10	10	10
1/4	46,635	1/4	34,585	1/4	22,599	1/4	10,777	1/4	298	1/4		1/4		1/4		1/4		1/4	
1/2	46,384	1/2	34,333	1/2	22,355	1/2	10,526	1/2	235	1/2		1/2		1/2		1/2		1/2	
3/4	46,133	3/4	34,082	3/4	22,112	3/4	10,275	3/4	173	3/4		3/4		3/4		3/4		3/4	
11	45,882	11	33,831	11	21,868	11	10,024	11	110	11	11	11	11	11	11	11	11	11	11
1/4	45,631	1/4	33,580	1/4	21,624	1/4	9,773	1/4	89	1/4		1/4		1/4		1/4		1/4	
1/2	45,380	1/2	33,329	1/2	21,381	1/2	9,522	1/2	68	1/2		1/2		1/2		1/2		1/2	
3/4	45,129	3/4	33,078	3/4	21,137	3/4	9,270	3/4	47	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/07/2008 CL - SW
CALCULATED: 03/08/2008 CL
PRINTED: 03/09/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1300"

3 CENTER

CAPACITIES GIVEN IN WHOLE GALLONS

[illegible]

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 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT

8. ANALYSIS, INC.

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BARGE "CBC 1300"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	50,480	0	39,701	0	28,923	0	18,158	0	7,396	0		0		0		0		0	
1/4	50,255	1/4	39,477	1/4	28,698	1/4	17,935	1/4	7,172	1/4		1/4		1/4		1/4		1/4	
1/2	50,031	1/2	39,252	1/2	28,474	1/2	17,711	1/2	6,948	1/2		1/2		1/2		1/2		1/2	
3/4	49,806	3/4	39,028	3/4	28,249	3/4	17,487	3/4	6,723	3/4		3/4		3/4		3/4		3/4	
1	49,582	1	38,803	1	28,025	1	17,263	1	6,499	1		1		1		1		1	
1/4	49,357	1/4	38,579	1/4	27,800	1/4	17,040	1/4	6,275	1/4		1/4		1/4		1/4		1/4	
1/2	49,133	1/2	38,354	1/2	27,576	1/2	16,816	1/2	6,051	1/2		1/2		1/2		1/2		1/2	
3/4	48,908	3/4	38,130	3/4	27,351	3/4	16,592	3/4	5,827	3/4		3/4		3/4		3/4		3/4	
2	48,684	2	37,905	2	27,127	2	16,368	2	5,603	2		2		2		2		2	
1/4	48,459	1/4	37,680	1/4	26,902	1/4	16,145	1/4	5,379	1/4		1/4		1/4		1/4		1/4	
1/2	48,234	1/2	37,456	1/2	26,677	1/2	15,921	1/2	5,156	1/2		1/2		1/2		1/2		1/2	
3/4	48,010	3/4	37,231	3/4	26,453	3/4	15,697	3/4	4,933	3/4		3/4		3/4		3/4		3/4	
3	47,785	3	37,007	3	26,228	3	15,473	3	4,709	3		3		3		3		3	
1/4	47,561	1/4	36,782	1/4	26,004	1/4	15,250	1/4	4,486	1/4		1/4		1/4		1/4		1/4	
1/2	47,336	1/2	36,558	1/2	25,779	1/2	15,026	1/2	4,264	1/2		1/2		1/2		1/2		1/2	
3/4	47,112	3/4	36,333	3/4	25,555	3/4	14,802	3/4	4,042	3/4		3/4		3/4		3/4		3/4	
4	46,887	4	36,109	4	25,330	4	14,579	4	3,820	4		4		4		4		4	
1/4	46,663	1/4	35,884	1/4	25,106	1/4	14,355	1/4	3,598	1/4		1/4		1/4		1/4		1/4	
1/2	46,438	1/2	35,660	1/2	24,881	1/2	14,131	1/2	3,378	1/2		1/2		1/2		1/2		1/2	
3/4	46,214	3/4	35,435	3/4	24,656	3/4	13,907	3/4	3,158	3/4		3/4		3/4		3/4		3/4	
5	45,989	5	35,210	5	24,432	5	13,683	5	2,938	5		5		5		5		5	
1/4	45,764	1/4	34,986	1/4	24,207	1/4	13,458	1/4	2,718	1/4		1/4		1/4		1/4		1/4	
1/2	45,540	1/2	34,761	1/2	23,983	1/2	13,234	1/2	2,513	1/2		1/2		1/2		1/2		1/2	
3/4	45,315	3/4	34,537	3/4	23,758	3/4	13,009	3/4	2,308	3/4		3/4		3/4		3/4		3/4	
6	45,091	6	34,312	6	23,534	6	12,785	6	2,102	6		6		6		6		6	
1/4	44,866	1/4	34,088	1/4	23,309	1/4	12,560	1/4	1,897	1/4		1/4		1/4		1/4		1/4	
1/2	44,642	1/2	33,863	1/2	23,085	1/2	12,336	1/2	1,729	1/2		1/2		1/2		1/2		1/2	
3/4	44,417	3/4	33,639	3/4	22,860	3/4	12,111	3/4	1,560	3/4		3/4		3/4		3/4		3/4	
7	44,193	7	33,414	7	22,635	7	11,887	7	1,392	7		7		7		7		7	
1/4	43,968	1/4	33,189	1/4	22,411	1/4	11,662	1/4	1,224	1/4		1/4		1/4		1/4		1/4	
1/2	43,743	1/2	32,965	1/2	22,187	1/2	11,438	1/2	1,093	1/2		1/2		1/2		1/2		1/2	
3/4	43,519	3/4	32,740	3/4	21,963	3/4	11,213	3/4	962	3/4		3/4		3/4		3/4		3/4	
8	43,294	8	32,516	8	21,739	8	10,989	8	831	8		8		8		8		8	
1/4	43,070	1/4	32,291	1/4	21,515	1/4	10,764	1/4	700	1/4		1/4		1/4		1/4		1/4	
1/2	42,845	1/2	32,067	1/2	21,291	1/2	10,540	1/2	606	1/2		1/2		1/2		1/2		1/2	
3/4	42,621	3/4	31,842	3/4	21,067	3/4	10,315	3/4	513	3/4		3/4		3/4		3/4		3/4	
9	42,396	9	31,618	9	20,843	9	10,091	9	419	9		9		9		9		9	
1/4	42,172	1/4	31,393	1/4	20,620	1/4	9,866	1/4	325	1/4		1/4		1/4		1/4		1/4	
1/2	41,947	1/2	31,168	1/2	20,396	1/2	9,642	1/2	269	1/2		1/2		1/2		1/2		1/2	
3/4	41,722	3/4	30,944	3/4	20,172	3/4	9,417	3/4	213	3/4		3/4		3/4		3/4		3/4	
10	41,498	10	30,719	10	19,948	10	9,193	10	157	10		10		10		10		10	
1/4	41,273	1/4	30,495	1/4	19,725	1/4	8,968	1/4	101	1/4		1/4		1/4		1/4		1/4	
1/2	41,049	1/2	30,270	1/2	19,501	1/2	8,744	1/2	82	1/2		1/2		1/2		1/2		1/2	
3/4	40,824	3/4	30,046	3/4	19,277	3/4	8,519	3/4	64	3/4		3/4		3/4		3/4		3/4	
11	40,600	11	29,821	11	19,053	11	8,294	11	45	11		11		11		11		11	
1/4	40,375	1/4	29,597	1/4	18,830	1/4	8,070	1/4	26	1/4		1/4		1/4		1/4		1/4	
1/2	40,151	1/2	29,372	1/2	18,606	1/2	7,845	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,926	3/4	29,147	3/4	18,382	3/4	7,621	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/07/2008 CL - SW
CALCULATED: 03/08/2008 CL
PRINTED: 03/09/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2008

PRECISION MEASUREMENT
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