

BARGE "CBC 1300"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	- 00-1/8	00-1/8	- 00-1/8	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
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<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
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BARGE "CBC 1300"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
In	Fr	In	Fr	In	Fr	In	Fr	In	Fr	In	Fr	In	Fr	In	Fr	In	Fr	In	Fr
0	0	114,073	0	124,674	0	135,217	0	143,876	0	151,574	0	159,312	0	167,089	0	174,906	0	182,763	0
1/4	1/4	103,656	1/4	114,294	1/4	124,894	1/4	135,436	1/4	143,891	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	103,878	1/2	114,516	1/2	125,114	1/2	135,656	1/2	143,907	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	104,099	3/4	114,737	3/4	125,333	3/4	135,875	3/4	143,922	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	3/4
1	1	104,321	1	114,959	1	125,553	1	136,094	1	143,937	1	151,574	1	159,312	1	167,089	1	174,906	1
1/4	1/4	104,543	1/4	115,181	1/4	125,773	1/4	136,314	1/4	143,937	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	104,764	1/2	115,402	1/2	125,993	1/2	136,534	1/2	143,937	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	104,986	3/4	115,624	3/4	126,213	3/4	136,754	3/4	143,937	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	3/4
2	2	105,208	2	115,846	2	126,432	2	136,973	2	143,937	2	151,574	2	159,312	2	167,089	2	174,906	2
1/4	1/4	105,429	1/4	116,067	1/4	126,652	1/4	137,193	1/4	143,937	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	105,651	1/2	116,289	1/2	126,872	1/2	137,413	1/2	143,937	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	105,872	3/4	116,510	3/4	127,092	3/4	137,633	3/4	143,937	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	3/4
3	3	106,094	3	116,732	3	127,312	3	137,853	3	143,937	3	151,574	3	159,312	3	167,089	3	174,906	3
1/4	1/4	106,316	1/4	116,954	1/4	127,531	1/4	138,071	1/4	143,937	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	106,537	1/2	117,175	1/2	127,751	1/2	138,290	1/2	143,937	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	106,759	3/4	117,397	3/4	127,971	3/4	138,508	3/4	143,937	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	3/4
4	4	106,981	4	117,618	4	128,191	4	138,727	4	143,937	4	151,574	4	159,312	4	167,089	4	174,906	4
1/4	1/4	107,202	1/4	117,840	1/4	128,410	1/4	138,946	1/4	143,937	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	107,424	1/2	118,062	1/2	128,630	1/2	139,164	1/2	143,937	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	107,645	3/4	118,283	3/4	128,850	3/4	139,383	3/4	143,937	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	3/4
5	5	107,867	5	118,505	5	129,070	5	139,602	5	143,937	5	151,574	5	159,312	5	167,089	5	174,906	5
1/4	1/4	108,089	1/4	118,727	1/4	129,290	1/4	139,820	1/4	143,937	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	108,310	1/2	118,948	1/2	129,509	1/2	140,039	1/2	143,937	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	108,532	3/4	119,170	3/4	129,729	3/4	140,258	3/4	143,937	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	3/4
6	6	108,754	6	119,391	6	129,949	6	140,476	6	143,937	6	151,574	6	159,312	6	167,089	6	174,906	6
1/4	1/4	108,975	1/4	119,613	1/4	130,169	1/4	140,695	1/4	143,937	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	109,197	1/2	119,835	1/2	130,389	1/2	140,913	1/2	143,937	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	109,418	3/4	120,056	3/4	130,608	3/4	141,132	3/4	143,937	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	3/4
7	7	109,640	7	120,278	7	130,828	7	141,351	7	143,937	7	151,574	7	159,312	7	167,089	7	174,906	7
1/4	1/4	109,862	1/4	120,498	1/4	131,048	1/4	141,551	1/4	143,937	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	110,083	1/2	120,718	1/2	131,268	1/2	141,751	1/2	143,937	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	110,305	3/4	120,937	3/4	131,488	3/4	141,951	3/4	143,937	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	3/4
8	8	110,527	8	121,157	8	131,707	8	142,151	8	143,937	8	151,574	8	159,312	8	167,089	8	174,906	8
1/4	1/4	110,748	1/4	121,377	1/4	131,927	1/4	142,315	1/4	143,937	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	110,970	1/2	121,597	1/2	132,147	1/2	142,478	1/2	143,937	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	111,191	3/4	121,817	3/4	132,367	3/4	142,641	3/4	143,937	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	3/4
9	9	111,413	9	122,036	9	132,587	9	142,804	9	143,937	9	151,574	9	159,312	9	167,089	9	174,906	9
1/4	1/4	111,635	1/4	122,256	1/4	132,806	1/4	142,930	1/4	143,937	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	111,856	1/2	122,476	1/2	133,025	1/2	143,057	1/2	143,937	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	112,078	3/4	122,696	3/4	133,244	3/4	143,183	3/4	143,937	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	3/4
10	10	112,300	10	122,916	10	133,464	10	143,309	10	143,937	10	151,574	10	159,312	10	167,089	10	174,906	10
1/4	1/4	112,521	1/4	123,135	1/4	133,683	1/4	143,399	1/4	143,937	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	112,743	1/2	123,355	1/2	133,902	1/2	143,488	1/2	143,937	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	112,964	3/4	123,575	3/4	134,121	3/4	143,577	3/4	143,937	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	3/4
11	11	113,186	11	123,795	11	134,340	11	143,666	11	143,937	11	151,574	11	159,312	11	167,089	11	174,906	11
1/4	1/4	113,408	1/4	124,015	1/4	134,560	1/4	143,719	1/4	143,937	1/4	151,574	1/4	159,312	1/4	167,089	1/4	174,906	1/4
1/2	1/2	113,629	1/2	124,234	1/2	134,779	1/2	143,771	1/2	143,937	1/2	151,574	1/2	159,312	1/2	167,089	1/2	174,906	1/2
3/4	3/4	113,851	3/4	124,454	3/4	134,998	3/4	143,824	3/4	143,937	3/4	151,574	3/4	159,312	3/4	167,089	3/4	174,906	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

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCANCES
ALL PRIOR TO 03/2008

P.O. Box 2092
Pearland, Texas 77588
http://www.primacorp.net



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		0		0		0		0	
1/4	117,431	1/4	129,476	1/4	141,479	1/4	153,417	1/4	162,990	1/4		1/4		1/4		1/4		1/4	
1/2	117,682	1/2	129,727	1/2	141,728	1/2	153,665	1/2	163,008	1/2		1/2		1/2		1/2		1/2	
3/4	117,933	3/4	129,978	3/4	141,977	3/4	153,913	3/4	163,025	3/4		3/4		3/4		3/4		3/4	
1	118,184	1	130,229	1	142,225	1	154,161	1	163,043	1		1		1		1		1	
1/4	118,435	1/4	130,480	1/4	142,474	1/4	154,410	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,686	1/2	130,731	1/2	142,723	1/2	154,659	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,936	3/4	130,982	3/4	142,972	3/4	154,908	3/4		3/4		3/4		3/4		3/4		3/4	
2	119,187	2	131,233	2	143,221	2	155,157	2		2		2		2		2		2	
1/4	119,438	1/4	131,484	1/4	143,470	1/4	155,406	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,689	1/2	131,735	1/2	143,719	1/2	155,655	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,940	3/4	131,986	3/4	143,968	3/4	155,904	3/4		3/4		3/4		3/4		3/4		3/4	
3	120,191	3	132,237	3	144,216	3	156,152	3		3		3		3		3		3	
1/4	120,442	1/4	132,488	1/4	144,465	1/4	156,400	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,693	1/2	132,739	1/2	144,714	1/2	156,648	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,944	3/4	132,990	3/4	144,963	3/4	156,895	3/4		3/4		3/4		3/4		3/4		3/4	
4	121,195	4	133,241	4	145,212	4	157,143	4		4		4		4		4		4	
1/4	121,446	1/4	133,492	1/4	145,461	1/4	157,390	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,697	1/2	133,743	1/2	145,710	1/2	157,638	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,948	3/4	133,994	3/4	145,959	3/4	157,885	3/4		3/4		3/4		3/4		3/4		3/4	
5	122,199	5	134,245	5	146,208	5	158,133	5		5		5		5		5		5	
1/4	122,450	1/4	134,496	1/4	146,456	1/4	158,381	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,701	1/2	134,746	1/2	146,705	1/2	158,628	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,952	3/4	134,997	3/4	146,954	3/4	158,876	3/4		3/4		3/4		3/4		3/4		3/4	
6	123,203	6	135,248	6	147,203	6	159,123	6		6		6		6		6		6	
1/4	123,454	1/4	135,499	1/4	147,452	1/4	159,371	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,705	1/2	135,750	1/2	147,701	1/2	159,618	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,956	3/4	136,001	3/4	147,950	3/4	159,866	3/4		3/4		3/4		3/4		3/4		3/4	
7	124,206	7	136,252	7	148,199	7	160,114	7		7		7		7		7		7	
1/4	124,457	1/4	136,501	1/4	148,448	1/4	160,340	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,708	1/2	136,750	1/2	148,696	1/2	160,567	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,959	3/4	137,000	3/4	148,945	3/4	160,794	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,210	8	137,248	8	149,194	8	161,020	8		8		8		8		8		8	
1/4	125,461	1/4	137,497	1/4	149,443	1/4	161,205	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,712	1/2	137,745	1/2	149,692	1/2	161,390	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,963	3/4	137,994	3/4	149,941	3/4	161,575	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,214	9	138,243	9	150,190	9	161,759	9		9		9		9		9		9	
1/4	126,465	1/4	138,492	1/4	150,438	1/4	161,902	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,716	1/2	138,741	1/2	150,686	1/2	162,045	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,967	3/4	138,990	3/4	150,934	3/4	162,188	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,218	10	139,239	10	151,183	10	162,331	10		10		10		10		10		10	
1/4	127,469	1/4	139,488	1/4	151,431	1/4	162,432	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,720	1/2	139,737	1/2	151,679	1/2	162,534	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,971	3/4	139,985	3/4	151,927	3/4	162,635	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,222	11	140,234	11	152,176	11	162,736	11		11		11		11		11		11	
1/4	128,473	1/4	140,483	1/4	152,424	1/4	162,795	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,724	1/2	140,732	1/2	152,672	1/2	162,854	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,975	3/4	140,981	3/4	152,920	3/4	162,914	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

PRECISION MEASUREMENT
 & ANALYSIS, INC.

CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/2008

P.O. Box 2092
 Pearland, Texas 77586
<http://www.pimacorp.net>



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"

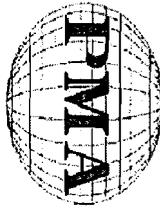
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	105,046	0	115,824	0	126,565	0	137,245	0	146,017	0		0		0		0		0	
1/4	105,271	1/4	116,049	1/4	126,788	1/4	137,467	1/4	146,032	1/4		1/4		1/4		1/4		1/4	
1/2	105,495	1/2	116,274	1/2	127,010	1/2	137,689	1/2	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	106,618	3/4	117,396	3/4	128,123	3/4	138,801	3/4		3/4		3/4		3/4		3/4		3/4	
2	106,843	2	117,621	2	128,346	2	139,024	2		2		2		2		2		2	
1 1/4	107,067	1 1/4	117,845	1 1/4	128,569	1 1/4	139,247	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	107,292	1 1/2	118,070	1 1/2	128,791	1 1/2	139,469	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	107,516	3/4	118,294	3/4	129,014	3/4	139,692	3/4		3/4		3/4		3/4		3/4		3/4	
3	107,741	3	118,519	3	129,237	3	139,915	3		3		3		3		3		3	
1 1/4	107,965	1 1/4	118,744	1 1/4	129,459	1 1/4	140,136	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	108,190	1 1/2	118,968	1 1/2	129,682	1 1/2	140,358	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	108,414	3/4	119,193	3/4	129,905	3/4	140,579	3/4		3/4		3/4		3/4		3/4		3/4	
4	108,639	4	119,417	4	130,127	4	140,801	4		4		4		4		4		4	
1 1/4	108,864	1 1/4	119,642	1 1/4	130,350	1 1/4	141,022	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	109,088	1 1/2	119,866	1 1/2	130,573	1 1/2	141,244	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	109,313	3/4	120,091	3/4	130,795	3/4	141,465	3/4		3/4		3/4		3/4		3/4		3/4	
5	109,537	5	120,315	5	131,018	5	141,687	5		5		5		5		5		5	
1 1/4	109,762	1 1/4	120,540	1 1/4	131,241	1 1/4	141,908	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	109,986	1 1/2	120,765	1 1/2	131,463	1 1/2	142,130	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	110,211	3/4	120,989	3/4	131,686	3/4	142,351	3/4		3/4		3/4		3/4		3/4		3/4	
6	110,435	6	121,214	6	131,909	6	142,572	6		6		6		6		6		6	
1 1/4	110,660	1 1/4	121,438	1 1/4	132,131	1 1/4	142,794	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	110,884	1 1/2	121,663	1 1/2	132,354	1 1/2	143,015	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	111,109	3/4	121,887	3/4	132,577	3/4	143,237	3/4		3/4		3/4		3/4		3/4		3/4	
7	111,334	7	122,112	7	132,799	7	143,458	7		7		7		7		7		7	
1 1/4	111,558	1 1/4	122,334	1 1/4	133,022	1 1/4	143,661	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	111,783	1 1/2	122,557	1 1/2	133,244	1 1/2	143,864	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	112,007	3/4	122,780	3/4	133,467	3/4	144,067	3/4		3/4		3/4		3/4		3/4		3/4	
8	112,232	8	123,002	8	133,690	8	144,269	8		8		8		8		8		8	
1 1/4	112,456	1 1/4	123,225	1 1/4	133,912	1 1/4	144,435	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	112,681	1 1/2	123,448	1 1/2	134,135	1 1/2	144,600	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	112,905	3/4	123,670	3/4	134,358	3/4	144,766	3/4		3/4		3/4		3/4		3/4		3/4	
9	113,130	9	123,893	9	134,580	9	144,931	9		9		9		9		9		9	
1 1/4	113,354	1 1/4	124,116	1 1/4	134,802	1 1/4	145,059	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	113,579	1 1/2	124,338	1 1/2	135,025	1 1/2	145,187	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	113,804	3/4	124,561	3/4	135,247	3/4	145,315	3/4		3/4		3/4		3/4		3/4		3/4	
10	114,028	10	124,784	10	135,469	10	145,443	10		10		10		10		10		10	
1 1/4	114,253	1 1/4	125,006	1 1/4	135,691	1 1/4	145,533	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	114,477	1 1/2	125,229	1 1/2	135,913	1 1/2	145,623	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	114,702	3/4	125,452	3/4	136,135	3/4	145,714	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,926	11	125,674	11	136,357	11	145,804	11		11		11		11		11		11	
1 1/4	115,151	1 1/4	125,897	1 1/4	136,579	1 1/4	145,858	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	115,375	1 1/2	126,120	1 1/2	136,801	1 1/2	145,911	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	115,600	3/4	126,342	3/4	137,023	3/4	145,964	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
& ANALYSIS, INC.
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BARGE "CBC 1300"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN										
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"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	1/4	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	1/2	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	3/4	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		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	1/4	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	1/2	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	3/4	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

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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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		1/4	
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		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		3/4	
1	48,673	1	38,031	1	27,388	1	16,926	1	6,417	1		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		1/4	
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		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		3/4	
2	47,786	2	37,144	2	26,501	2	16,070	2	5,533	2		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		1/4	
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		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		3/4	
3	46,899	3	36,257	3	25,615	3	15,215	3	4,650	3		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		1/4	
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		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		3/4	
4	46,012	4	35,370	4	24,728	4	14,359	4	3,772	4		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		1/4	
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		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		3/4	
5	45,125	5	34,483	5	23,841	5	13,503	5	2,901	5		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		1/4	
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		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		3/4	
6	44,239	6	33,596	6	22,954	6	12,624	6	2,076	6		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		1/4	
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		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		3/4	
7	43,352	7	32,709	7	22,067	7	11,737	7	1,375	7		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		1/4	
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		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		3/4	
8	42,465	8	31,823	8	21,203	8	10,850	8	821	8		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		1/4	
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		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		3/4	
9	41,578	9	30,936	9	20,347	9	9,964	9	414	9		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		1/4	
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		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		3/4	
10	40,691	10	30,049	10	19,492	10	9,077	10	156	10		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		1/4	
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		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		3/4	
11	39,804	11	29,162	11	18,636	11	8,190	11	45	11		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		1/4	
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		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		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"

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.
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 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	1/4	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	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	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	1/4	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	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	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	1/4	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	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	3/4	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	1/4	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	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	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	1/4	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	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	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	1/4	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	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	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	1/4	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	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	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	1/4	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	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	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	1/4	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	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	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	1/4	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	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	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	1/4	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	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	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	1/4	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	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	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"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 14:11 1/4"																											
0 FT.		1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.			
N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I		
0	0	145,858	0	136,579	0	125,897	0	115,151	0	104,373	0	93,594	0	82,816	0	72,037	0	61,259	0	50,480	0	39,701	0	28,922	0	18,143	0	7,364	0
1/4	1/4	145,804	1/4	136,357	1/4	125,674	1/4	114,926	1/4	104,148	1/4	93,370	1/4	82,591	1/4	71,813	1/4	61,034	1/4	50,255	1/4	39,476	1/4	28,697	1/4	17,918	1/4	7,139	1/4
1/2	1/2	145,714	1/2	136,135	1/2	125,452	1/2	114,702	1/2	103,924	1/2	93,145	1/2	82,367	1/2	71,588	1/2	60,809	1/2	50,030	1/2	39,257	1/2	28,478	1/2	17,699	1/2	6,920	1/2
3/4	3/4	145,623	3/4	135,913	3/4	125,229	3/4	114,477	3/4	103,699	3/4	92,921	3/4	82,142	3/4	71,363	3/4	60,585	3/4	49,806	3/4	38,974	3/4	28,195	3/4	17,460	3/4	6,681	3/4
1	1	145,533	1	135,691	1	125,006	1	114,253	1	103,474	1	92,696	1	81,917	1	71,139	1	60,360	1	49,587	1	38,752	1	27,971	1	17,225	1	6,442	1
1/4	1/4	145,443	1/4	135,469	1/4	124,784	1/4	114,028	1/4	103,250	1/4	92,471	1/4	81,693	1/4	70,914	1/4	60,136	1/4	49,368	1/4	38,527	1/4	27,746	1/4	17,000	1/4	6,203	1/4
1/2	1/2	145,315	1/2	135,247	1/2	124,561	1/2	113,804	1/2	103,025	1/2	92,247	1/2	81,468	1/2	70,689	1/2	59,911	1/2	49,143	1/2	38,296	1/2	27,519	1/2	16,774	1/2	5,964	1/2
3/4	3/4	145,187	3/4	135,025	3/4	124,338	3/4	113,579	3/4	102,801	3/4	92,022	3/4	81,244	3/4	70,464	3/4	59,686	3/4	48,918	3/4	38,070	3/4	27,292	3/4	16,548	3/4	5,725	3/4
2	2	145,059	2	134,802	2	124,116	2	113,354	2	102,576	2	91,798	2	81,019	2	70,241	2	59,462	2	48,693	2	37,845	2	27,067	2	16,323	2	5,486	2
1/4	1/4	144,931	1/4	134,580	1/4	123,893	1/4	113,130	1/4	102,352	1/4	91,573	1/4	80,795	1/4	70,016	1/4	59,238	1/4	48,468	1/4	37,620	1/4	26,801	1/4	16,097	1/4	5,247	1/4
1/2	1/2	144,766	1/2	134,358	1/2	123,670	1/2	112,905	1/2	102,127	1/2	91,349	1/2	80,570	1/2	69,792	1/2	59,013	1/2	48,243	1/2	37,395	1/2	26,576	1/2	15,875	1/2	5,008	1/2
3/4	3/4	144,600	3/4	134,135	3/4	123,448	3/4	112,681	3/4	101,903	3/4	91,124	3/4	80,346	3/4	69,567	3/4	58,788	3/4	48,017	3/4	37,169	3/4	26,350	3/4	15,649	3/4	4,769	3/4
3	3	144,435	3	133,912	3	123,225	3	112,456	3	101,678	3	90,900	3	80,121	3	69,342	3	58,564	3	47,792	3	36,942	3	26,124	3	15,424	3	4,530	3
1/4	1/4	144,269	1/4	133,690	1/4	123,002	1/4	112,232	1/4	101,454	1/4	90,675	1/4	79,896	1/4	69,118	1/4	58,339	1/4	47,567	1/4	36,717	1/4	25,898	1/4	15,199	1/4	4,291	1/4
1/2	1/2	144,067	1/2	133,467	1/2	122,780	1/2	112,007	1/2	101,229	1/2	90,450	1/2	79,672	1/2	68,893	1/2	58,115	1/2	47,341	1/2	36,492	1/2	25,673	1/2	14,974	1/2	4,052	1/2
3/4	3/4	143,864	3/4	133,244	3/4	122,557	3/4	111,783	3/4	101,004	3/4	90,226	3/4	79,447	3/4	68,669	3/4	57,890	3/4	47,114	3/4	36,267	3/4	25,448	3/4	14,749	3/4	3,813	3/4
4	4	143,661	4	133,022	4	122,334	4	111,558	4	100,780	4	90,001	4	79,223	4	68,444	4	57,666	4	46,937	4	36,042	4	25,223	4	14,524	4	3,574	4
1/4	1/4	143,458	1/4	132,799	1/4	122,112	1/4	111,334	1/4	100,555	1/4	89,777	1/4	78,998	1/4	68,220	1/4	57,441	1/4	46,710	1/4	35,817	1/4	25,000	1/4	14,299	1/4	3,335	1/4
1/2	1/2	143,237	1/2	132,577	1/2	121,887	1/2	111,109	1/2	100,331	1/2	89,552	1/2	78,774	1/2	67,995	1/2	57,217	1/2	46,485	1/2	35,592	1/2	24,775	1/2	14,074	1/2	3,096	1/2
3/4	3/4	143,015	3/4	132,354	3/4	121,663	3/4	110,884	3/4	100,106	3/4	89,328	3/4	78,549	3/4	67,771	3/4	56,992	3/4	46,259	3/4	35,367	3/4	24,550	3/4	13,849	3/4	2,857	3/4
5	5	142,794	5	132,131	5	121,438	5	110,660	5	99,882	5	89,103	5	78,325	5	67,546	5	56,768	5	46,032	5	35,142	5	24,325	5	13,624	5	2,618	5
1/4	1/4	142,572	1/4	131,909	1/4	121,214	1/4	110,435	1/4	99,657	1/4	88,879	1/4	78,100	1/4	67,321	1/4	56,543	1/4	45,807	1/4	34,917	1/4	24,100	1/4	13,400	1/4	2,379	1/4
1/2	1/2	142,351	1/2	131,686	1/2	120,989	1/2	110,211	1/2	99,433	1/2	88,654	1/2	77,875	1/2	67,097	1/2	56,318	1/2	45,582	1/2	34,692	1/2	23,875	1/2	13,175	1/2	2,140	1/2
3/4	3/4	142,130	3/4	131,463	3/4	120,765	3/4	109,986	3/4	99,208	3/4	88,429	3/4	77,651	3/4	66,872	3/4	56,094	3/4	45,357	3/4	34,467	3/4	23,650	3/4	12,950	3/4	1,901	3/4
6	6	141,908	6	131,241	6	120,540	6	109,762	6	98,983	6	88,205	6	77,426	6	66,648	6	55,869	6	45,132	6	34,242	6	23,425	6	12,725	6	1,662	6
1/4	1/4	141,687	1/4	131,018	1/4	120,315	1/4	109,537	1/4	98,759	1/4	87,980	1/4	77,202	1/4	66,423	1/4	55,645	1/4	44,907	1/4	34,017	1/4	23,200	1/4	12,500	1/4	1,423	1/4
1/2	1/2	141,465	1/2	130,795	1/2	120,091	1/2	109,313	1/2	98,534	1/2	87,756	1/2	76,977	1/2	66,199	1/2	55,420	1/2	44,682	1/2	33,792	1/2	22,975	1/2	12,275	1/2	1,184	1/2
3/4	3/4	141,244	3/4	130,573	3/4	119,866	3/4	109,088	3/4	98,310	3/4	87,531	3/4	76,753	3/4	65,974	3/4	55,196	3/4	44,457	3/4	33,567	3/4	22,750	3/4	12,050	3/4	905	3/4
7	7	141,022	7	130,350	7	119,642	7	108,864	7	98,085	7	87,307	7	76,528	7	65,750	7	54,971	7	44,232	7	33,342	7	22,525	7	11,825	7	666	7
1/4	1/4	140,801	1/4	130,127	1/4	119,417	1/4	108,639	1/4	97,861	1/4	87,082	1/4	76,304	1/4	65,525	1/4	54,747	1/4	44,007	1/4	33,117	1/4	22,300	1/4	11,600	1/4	426	1/4
1/2	1/2	140,579	1/2	129,905	1/2	119,193	1/2	108,414	1/2	97,636	1/2	86,858	1/2	76,079	1/2	65,301	1/2	54,522	1/2	43,782	1/2	32,892	1/2	22,075	1/2	11,375	1/2	186	1/2
3/4	3/4	140,358	3/4	129,682	3/4	118,968	3/4	108,190	3/4	97,412	3/4	86,633	3/4	75,855	3/4	65,076	3/4	54,297	3/4	43,557	3/4	32,667	3/4	21,850	3/4	11,150	3/4	146	3/4
8	8	140,136	8	129,459	8	118,744	8	107,965	8	97,187	8	86,409	8	75,630	8	64,851	8	54,073	8	43,342	8	32,442	8	21,625	8	10,925	8	106	8
1/4	1/4	139,915	1/4	129,237	1/4	118,519	1/4	107,741	1/4	96,962	1/4	86,184	1/4	75,405	1/4	64,627	1/4	53,848	1/4	43,117	1/4	32,217	1/4	21,400	1/4	10,700	1/4	86	1/4
1/2	1/2	139,692	1/2	129,014	1/2	118,294	1/2	107,516	1/2	96,738	1/2	85,959	1/2	75,181	1/2	64,402	1/2	53,624	1/2	42,892	1/2	31,992	1/2	21,175	1/2	10,475	1/2	66	1/2
3/4	3/4	139,469	3/4	128,791	3/4	118,070	3/4	107,292	3/4	96,513	3/4	85,735	3/4	74,956	3/4	64,178	3/4	53,399	3/4	42,667	3/4	31,767	3/4	20,950	3/4	10,250	3/4	46	3/4
9	9	139,247	9	128,569	9	117,845	9	107,067	9	96,289	9	85,510	9	74,732	9	63,953	9	53,175	9	42,442	9	31,542	9	20,725	9	10,025	9	26	9
1/4	1/4	139,024	1/4	128,346	1/4	117,621	1/4	106,843	1/4	96,064	1/4	85,286	1/4	74,507	1/4	63,729	1/4	52,950	1/4	42,217	1/4	31,317	1/4	20,500	1/4	9,800	1/4	6	1/4
1/2	1/2	138,801	1/2	128,123	1/2	117,396	1/2	106,618	1/2	95,840	1/2	85,061	1/2	74,283	1/2	63,504	1/2	52,726	1/2	41,992	1/2	31,092	1/2	20,275	1/2	9,575	1/2	16	1/2
3/4	3/4	138,579	3/4	127,901	3/4	117,172	3/4	106,394	3/4	95,615	3/4	84,837	3/4	74,058	3/4	63,280	3/4	52,501	3/4	41,767	3/4	30,867	3/4	20,050	3/4	9,350	3/4	16	3/4
10	10	138,356	10	127,678	10	116,947	10	106,169	10	95,391	10	84,612	10	73,834	10	63,055	10	52,276	10	41,542	10	30,642	10	20,000	10	9,300	10	16	10
1/4	1/4	138,133	1/4	127,455	1/4	116,723	1/4	105,944	1/4	95,166	1/4	84,388	1/4	73,609	1/4	62,830	1/4	52,052	1/4	41,317									



BARGE "CBC 1300"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
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

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