

BARGE "CBC 1303"

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	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8
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 - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4'

LENGTH BETWEEN DRAFT MARKS: 165'-03"

May 22, 2008

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

<http://www.pmacorp.net>



BARGE "CBC 1303"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	143,863	0	135,820	0	125,282	0	114,691	0	104,057	0	93,421	0	82,783	0	72,145	0	61,507
1/4		1/4	143,848	1/4	135,600	1/4	125,063	1/4	114,469	1/4	103,835	1/4	93,200	1/4	82,562	1/4	71,924	1/4	61,286
1/2		1/2	143,833	1/2	135,381	1/2	124,843	1/2	114,248	1/2	103,614	1/2	92,978	1/2	82,340	1/2	71,702	1/2	61,064
3/4		3/4	143,817	3/4	135,162	3/4	124,623	3/4	114,026	3/4	103,392	3/4	92,756	3/4	82,118	3/4	71,480	3/4	60,842
1		1	143,765	1	134,943	1	124,403	1	113,804	1	103,171	1	92,535	1	81,897	1	71,259	1	60,621
1/4		1/4	143,713	1/4	134,724	1/4	124,184	1/4	113,583	1/4	102,949	1/4	92,313	1/4	81,675	1/4	71,037	1/4	60,399
1/2		1/2	143,660	1/2	134,505	1/2	123,964	1/2	113,361	1/2	102,728	1/2	92,091	1/2	81,453	1/2	70,815	1/2	60,177
3/4		3/4	143,608	3/4	134,286	3/4	123,744	3/4	113,140	3/4	102,506	3/4	91,870	3/4	81,232	3/4	70,594	3/4	59,956
2		2	143,519	2	134,066	2	123,525	2	112,918	2	102,285	2	91,648	2	81,010	2	70,372	2	59,734
1/4		1/4	143,429	1/4	133,847	1/4	123,305	1/4	112,697	1/4	102,063	1/4	91,427	1/4	80,789	1/4	70,151	1/4	59,513
1/2		1/2	143,340	1/2	133,628	1/2	123,085	1/2	112,475	1/2	101,842	1/2	91,205	1/2	80,567	1/2	69,929	1/2	59,291
3/4		3/4	143,251	3/4	133,409	3/4	122,865	3/4	112,254	3/4	101,620	3/4	90,983	3/4	80,345	3/4	69,707	3/4	59,069
3		3	143,125	3	133,190	3	122,646	3	112,032	3	101,399	3	90,762	3	80,124	3	69,486	3	58,848
1/4		1/4	142,998	1/4	132,971	1/4	122,426	1/4	111,811	1/4	101,177	1/4	90,540	1/4	79,902	1/4	69,264	1/4	58,626
1/2		1/2	142,872	1/2	132,752	1/2	122,206	1/2	111,589	1/2	100,956	1/2	90,318	1/2	79,680	1/2	69,042	1/2	58,404
3/4		3/4	142,746	3/4	132,533	3/4	121,987	3/4	111,368	3/4	100,734	3/4	90,097	3/4	79,459	3/4	68,821	3/4	58,183
4		4	142,583	4	132,313	4	121,767	4	111,146	4	100,512	4	89,875	4	79,237	4	68,599	4	57,961
1/4		1/4	142,420	1/4	132,093	1/4	121,547	1/4	110,925	1/4	100,291	1/4	89,654	1/4	79,016	1/4	68,378	1/4	57,740
1/2		1/2	142,257	1/2	131,873	1/2	121,327	1/2	110,703	1/2	100,069	1/2	89,432	1/2	78,794	1/2	68,156	1/2	57,518
3/4		3/4	142,093	3/4	131,654	3/4	121,108	3/4	110,481	3/4	99,848	3/4	89,210	3/4	78,572	3/4	67,934	3/4	57,296
5		5	141,893	5	131,434	5	120,888	5	110,260	5	99,626	5	88,989	5	78,351	5	67,713	5	57,075
1/4		1/4	141,693	1/4	131,214	1/4	120,668	1/4	110,038	1/4	99,405	1/4	88,767	1/4	78,129	1/4	67,491	1/4	56,853
1/2		1/2	141,493	1/2	130,995	1/2	120,449	1/2	109,817	1/2	99,183	1/2	88,545	1/2	77,907	1/2	67,269	1/2	56,631
3/4		3/4	141,293	3/4	130,775	3/4	120,229	3/4	109,595	3/4	98,962	3/4	88,324	3/4	77,686	3/4	67,048	3/4	56,410
6		6	141,075	6	130,555	6	120,007	6	109,374	6	98,740	6	88,102	6	77,464	6	66,826	6	56,188
1/4		1/4	140,856	1/4	130,336	1/4	119,786	1/4	109,152	1/4	98,518	1/4	87,881	1/4	77,243	1/4	66,605	1/4	55,967
1/2		1/2	140,637	1/2	130,116	1/2	119,564	1/2	108,931	1/2	98,297	1/2	87,659	1/2	77,021	1/2	66,383	1/2	55,745
3/4		3/4	140,419	3/4	129,896	3/4	119,343	3/4	108,709	3/4	98,075	3/4	87,437	3/4	76,799	3/4	66,161	3/4	55,523
7		7	140,200	7	129,676	7	119,121	7	108,488	7	97,854	7	87,216	7	76,578	7	65,940	7	55,302
1/4		1/4	139,982	1/4	129,457	1/4	118,900	1/4	108,266	1/4	97,632	1/4	86,994	1/4	76,356	1/4	65,718	1/4	55,080
1/2		1/2	139,763	1/2	129,237	1/2	118,678	1/2	108,045	1/2	97,410	1/2	86,772	1/2	76,134	1/2	65,496	1/2	54,858
3/4		3/4	139,545	3/4	129,017	3/4	118,457	3/4	107,823	3/4	97,189	3/4	86,551	3/4	75,913	3/4	65,275	3/4	54,637
8		8	139,326	8	128,798	8	118,235	8	107,602	8	96,967	8	86,329	8	75,691	8	65,053	8	54,415
1/4		1/4	139,108	1/4	128,578	1/4	118,014	1/4	107,380	1/4	96,745	1/4	86,108	1/4	75,470	1/4	64,832	1/4	54,194
1/2		1/2	138,889	1/2	128,358	1/2	117,792	1/2	107,158	1/2	96,524	1/2	85,886	1/2	75,248	1/2	64,610	1/2	53,972
3/4		3/4	138,671	3/4	128,138	3/4	117,571	3/4	106,937	3/4	96,302	3/4	85,664	3/4	75,026	3/4	64,388	3/4	53,750
9		9	138,452	9	127,919	9	117,349	9	106,715	9	96,081	9	85,443	9	74,805	9	64,167	9	53,529
1/4		1/4	138,233	1/4	127,699	1/4	117,127	1/4	106,494	1/4	95,859	1/4	85,221	1/4	74,583	1/4	63,945	1/4	53,307
1/2		1/2	138,015	1/2	127,479	1/2	116,906	1/2	106,272	1/2	95,637	1/2	84,999	1/2	74,361	1/2	63,723	1/2	53,085
3/4		3/4	137,796	3/4	127,260	3/4	116,684	3/4	106,051	3/4	95,416	3/4	84,778	3/4	74,140	3/4	63,502	3/4	52,864
10		10	137,577	10	127,040	10	116,463	10	105,829	10	95,194	10	84,556	10	73,918	10	63,280	10	52,642
1/4		1/4	137,357	1/4	126,820	1/4	116,241	1/4	105,608	1/4	94,972	1/4	84,335	1/4	73,697	1/4	63,059	1/4	52,421
1/2		1/2	137,137	1/2	126,600	1/2	116,020	1/2	105,386	1/2	94,751	1/2	84,113	1/2	73,475	1/2	62,837	1/2	52,199
3/4		3/4	136,917	3/4	126,381	3/4	115,798	3/4	105,165	3/4	94,529	3/4	83,891	3/4	73,253	3/4	62,615	3/4	51,977
11		11	136,698	11	126,161	11	115,577	11	104,943	11	94,308	11	83,670	11	73,032	11	62,394	11	51,756
1/4		1/4	136,478	1/4	125,941	1/4	115,355	1/4	104,722	1/4	94,086	1/4	83,448	1/4	72,810	1/4	62,172	1/4	51,534
1/2		1/2	136,258	1/2	125,722	1/2	115,134	1/2	104,500	1/2	93,864	1/2	83,226	1/2	72,588	1/2	61,950	1/2	51,312
3/4		3/4	143,879	3/4	136,039	3/4	125,502	3/4	114,912	3/4	104,279	3/4	93,643	3/4	83,005	3/4	72,367	3/4	51,091

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 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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BARGE "CBC 1303"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	50,869	0	40,231	0	29,593	0	19,056	0	8,630	0	82	0		0		0		0	
1/4	50,648	1/4	40,010	1/4	29,372	1/4	18,842	1/4	8,408	1/4	63	1/4		1/4		1/4		1/4	
1/2	50,426	1/2	39,788	1/2	29,150	1/2	18,629	1/2	8,187	1/2	45	1/2		1/2		1/2		1/2	
3/4	50,204	3/4	39,566	3/4	28,928	3/4	18,415	3/4	7,965	3/4	26	3/4		3/4		3/4		3/4	
1	49,983	1	39,345	1	28,707	1	18,201	1	7,744	1		1		1		1		1	
1/4	49,761	1/4	39,123	1/4	28,485	1/4	17,987	1/4	7,522	1/4		1/4		1/4		1/4		1/4	
1/2	49,539	1/2	38,902	1/2	28,264	1/2	17,774	1/2	7,300	1/2		1/2		1/2		1/2		1/2	
3/4	49,318	3/4	38,680	3/4	28,042	3/4	17,560	3/4	7,079	3/4		3/4		3/4		3/4		3/4	
2	49,096	2	38,458	2	27,820	2	17,346	2	6,857	2		2		2		2		2	
1/4	48,875	1/4	38,237	1/4	27,599	1/4	17,132	1/4	6,636	1/4		1/4		1/4		1/4		1/4	
1/2	48,653	1/2	38,015	1/2	27,377	1/2	16,919	1/2	6,415	1/2		1/2		1/2		1/2		1/2	
3/4	48,431	3/4	37,793	3/4	27,155	3/4	16,705	3/4	6,193	3/4		3/4		3/4		3/4		3/4	
3	48,210	3	37,572	3	26,934	3	16,491	3	5,972	3		3		3		3		3	
1/4	47,988	1/4	37,350	1/4	26,712	1/4	16,277	1/4	5,751	1/4		1/4		1/4		1/4		1/4	
1/2	47,767	1/2	37,129	1/2	26,491	1/2	16,064	1/2	5,530	1/2		1/2		1/2		1/2		1/2	
3/4	47,545	3/4	36,907	3/4	26,269	3/4	15,850	3/4	5,309	3/4		3/4		3/4		3/4		3/4	
4	47,323	4	36,685	4	26,047	4	15,636	4	5,089	4		4		4		4		4	
1/4	47,102	1/4	36,464	1/4	25,826	1/4	15,422	1/4	4,869	1/4		1/4		1/4		1/4		1/4	
1/2	46,880	1/2	36,242	1/2	25,604	1/2	15,209	1/2	4,649	1/2		1/2		1/2		1/2		1/2	
3/4	46,658	3/4	36,020	3/4	25,382	3/4	14,995	3/4	4,428	3/4		3/4		3/4		3/4		3/4	
5	46,437	5	35,799	5	25,161	5	14,781	5	4,209	5		5		5		5		5	
1/4	46,215	1/4	35,577	1/4	24,939	1/4	14,567	1/4	3,990	1/4		1/4		1/4		1/4		1/4	
1/2	45,994	1/2	35,356	1/2	24,718	1/2	14,354	1/2	3,771	1/2		1/2		1/2		1/2		1/2	
3/4	45,772	3/4	35,134	3/4	24,496	3/4	14,140	3/4	3,552	3/4		3/4		3/4		3/4		3/4	
6	45,550	6	34,912	6	24,274	6	13,926	6	3,335	6		6		6		6		6	
1/4	45,329	1/4	34,691	1/4	24,053	1/4	13,712	1/4	3,117	1/4		1/4		1/4		1/4		1/4	
1/2	45,107	1/2	34,469	1/2	23,831	1/2	13,497	1/2	2,900	1/2		1/2		1/2		1/2		1/2	
3/4	44,885	3/4	34,247	3/4	23,609	3/4	13,283	3/4	2,683	3/4		3/4		3/4		3/4		3/4	
7	44,664	7	34,026	7	23,388	7	13,062	7	2,480	7		7		7		7		7	
1/4	44,442	1/4	33,804	1/4	23,166	1/4	12,840	1/4	2,278	1/4		1/4		1/4		1/4		1/4	
1/2	44,221	1/2	33,583	1/2	22,945	1/2	12,619	1/2	2,075	1/2		1/2		1/2		1/2		1/2	
3/4	43,999	3/4	33,361	3/4	22,723	3/4	12,397	3/4	1,873	3/4		3/4		3/4		3/4		3/4	
8	43,777	8	33,139	8	22,501	8	12,175	8	1,707	8		8		8		8		8	
1/4	43,556	1/4	32,918	1/4	22,280	1/4	11,954	1/4	1,540	1/4		1/4		1/4		1/4		1/4	
1/2	43,334	1/2	32,696	1/2	22,058	1/2	11,732	1/2	1,374	1/2		1/2		1/2		1/2		1/2	
3/4	43,112	3/4	32,474	3/4	21,836	3/4	11,511	3/4	1,208	3/4		3/4		3/4		3/4		3/4	
9	42,891	9	32,253	9	21,622	9	11,289	9	1,079	9		9		9		9		9	
1/4	42,669	1/4	32,031	1/4	21,408	1/4	11,068	1/4	949	1/4		1/4		1/4		1/4		1/4	
1/2	42,448	1/2	31,810	1/2	21,194	1/2	10,846	1/2	820	1/2		1/2		1/2		1/2		1/2	
3/4	42,226	3/4	31,588	3/4	20,980	3/4	10,624	3/4	691	3/4		3/4		3/4		3/4		3/4	
10	42,004	10	31,366	10	20,766	10	10,403	10	599	10		10		10		10		10	
1/4	41,783	1/4	31,145	1/4	20,553	1/4	10,181	1/4	506	1/4		1/4		1/4		1/4		1/4	
1/2	41,561	1/2	30,923	1/2	20,339	1/2	9,960	1/2	414	1/2		1/2		1/2		1/2		1/2	
3/4	41,339	3/4	30,701	3/4	20,125	3/4	9,738	3/4	322	3/4		3/4		3/4		3/4		3/4	
11	41,118	11	30,480	11	19,911	11	9,516	11	266	11		11		11		11		11	
1/4	40,896	1/4	30,258	1/4	19,697	1/4	9,295	1/4	211	1/4		1/4		1/4		1/4		1/4	
1/2	40,675	1/2	30,037	1/2	19,484	1/2	9,073	1/2	156	1/2		1/2		1/2		1/2		1/2	
3/4	40,453	3/4	29,815	3/4	19,270	3/4	8,852	3/4	100	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/22/2008 CL - SW
CALCULATED: 05/22/2008 CL
PRINTED: 05/22/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1303"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 7/8"

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	163,013	0	153,110	0	141,166	0	129,155	0	117,104	0	105,050	0	92,995	0	80,939	0	68,883
1/4		1/4	162,953	1/4	152,861	1/4	140,917	1/4	128,904	1/4	116,853	1/4	104,799	1/4	92,743	1/4	80,688	1/4	68,632
1/2		1/2	162,894	1/2	152,613	1/2	140,668	1/2	128,653	1/2	116,602	1/2	104,548	1/2	92,492	1/2	80,437	1/2	68,381
3/4		3/4	162,835	3/4	152,365	3/4	140,419	3/4	128,402	3/4	116,351	3/4	104,297	3/4	92,241	3/4	80,185	3/4	68,130
1		1	162,755	1	152,116	1	140,170	1	128,151	1	116,100	1	104,046	1	91,990	1	79,934	1	67,878
1/4		1/4	162,653	1/4	151,868	1/4	139,921	1/4	127,900	1/4	115,849	1/4	103,795	1/4	91,739	1/4	79,683	1/4	67,627
1/2		1/2	162,552	1/2	151,620	1/2	139,672	1/2	127,649	1/2	115,598	1/2	103,543	1/2	91,488	1/2	79,432	1/2	67,376
3/4		3/4	162,451	3/4	151,371	3/4	139,423	3/4	127,398	3/4	115,347	3/4	103,292	3/4	91,237	3/4	79,181	3/4	67,125
2		2	162,329	2	151,123	2	139,174	2	127,147	2	115,096	2	103,041	2	90,985	2	78,930	2	66,874
1/4		1/4	162,186	1/4	150,875	1/4	138,925	1/4	126,896	1/4	114,845	1/4	102,790	1/4	90,734	1/4	78,678	1/4	66,623
1/2		1/2	162,043	1/2	150,626	1/2	138,676	1/2	126,645	1/2	114,594	1/2	102,539	1/2	90,483	1/2	78,427	1/2	66,371
3/4		3/4	161,900	3/4	150,378	3/4	138,427	3/4	126,393	3/4	114,343	3/4	102,288	3/4	90,232	3/4	78,176	3/4	66,120
3		3	161,736	3	150,129	3	138,178	3	126,142	3	114,092	3	102,037	3	89,981	3	77,925	3	65,869
1/4		1/4	161,551	1/4	149,880	1/4	137,929	1/4	125,891	1/4	113,840	1/4	101,785	1/4	89,730	1/4	77,674	1/4	65,618
1/2		1/2	161,366	1/2	149,631	1/2	137,680	1/2	125,640	1/2	113,589	1/2	101,534	1/2	89,478	1/2	77,423	1/2	65,367
3/4		3/4	161,181	3/4	149,382	3/4	137,431	3/4	125,389	3/4	113,338	3/4	101,283	3/4	89,227	3/4	77,171	3/4	65,116
4		4	160,976	4	149,133	4	137,182	4	125,138	4	113,087	4	101,032	4	88,976	4	76,920	4	64,864
1/4		1/4	160,749	1/4	148,884	1/4	136,933	1/4	124,887	1/4	112,836	1/4	100,781	1/4	88,725	1/4	76,669	1/4	64,613
1/2		1/2	160,522	1/2	148,635	1/2	136,684	1/2	124,636	1/2	112,585	1/2	100,530	1/2	88,474	1/2	76,418	1/2	64,362
3/4		3/4	160,295	3/4	148,386	3/4	136,435	3/4	124,385	3/4	112,334	3/4	100,278	3/4	88,223	3/4	76,167	3/4	64,111
5		5	160,058	5	148,137	5	136,185	5	124,134	5	112,083	5	100,027	5	87,971	5	75,916	5	63,860
1/4		1/4	159,810	1/4	147,888	1/4	135,934	1/4	123,883	1/4	111,832	1/4	99,776	1/4	87,720	1/4	75,664	1/4	63,609
1/2		1/2	159,563	1/2	147,639	1/2	135,683	1/2	123,632	1/2	111,581	1/2	99,525	1/2	87,469	1/2	75,413	1/2	63,357
3/4		3/4	159,315	3/4	147,390	3/4	135,432	3/4	123,381	3/4	111,330	3/4	99,274	3/4	87,218	3/4	75,162	3/4	63,106
6		6	159,067	6	147,141	6	135,181	6	123,130	6	111,078	6	99,023	6	86,967	6	74,911	6	62,855
1/4		1/4	158,820	1/4	146,892	1/4	134,929	1/4	122,879	1/4	110,827	1/4	98,771	1/4	86,716	1/4	74,660	1/4	62,604
1/2		1/2	158,572	1/2	146,643	1/2	134,678	1/2	122,628	1/2	110,576	1/2	98,520	1/2	86,464	1/2	74,409	1/2	62,353
3/4		3/4	158,324	3/4	146,394	3/4	134,427	3/4	122,377	3/4	110,325	3/4	98,269	3/4	86,213	3/4	74,157	3/4	62,102
7		7	158,077	7	146,145	7	134,176	7	122,125	7	110,074	7	98,018	7	85,962	7	73,906	7	61,850
1/4		1/4	157,829	1/4	145,896	1/4	133,925	1/4	121,874	1/4	109,823	1/4	97,767	1/4	85,711	1/4	73,655	1/4	61,599
1/2		1/2	157,581	1/2	145,647	1/2	133,674	1/2	121,623	1/2	109,571	1/2	97,516	1/2	85,460	1/2	73,404	1/2	61,348
3/4		3/4	157,334	3/4	145,398	3/4	133,423	3/4	121,372	3/4	109,320	3/4	97,264	3/4	85,209	3/4	73,153	3/4	61,097
8		8	157,086	8	145,149	8	133,172	8	121,121	8	109,069	8	97,013	8	84,957	8	72,902	8	60,846
1/4		1/4	156,838	1/4	144,900	1/4	132,921	1/4	120,870	1/4	108,818	1/4	96,762	1/4	84,706	1/4	72,650	1/4	60,595
1/2		1/2	156,591	1/2	144,651	1/2	132,670	1/2	120,619	1/2	108,567	1/2	96,511	1/2	84,455	1/2	72,399	1/2	60,343
3/4		3/4	156,343	3/4	144,402	3/4	132,419	3/4	120,368	3/4	108,316	3/4	96,260	3/4	84,204	3/4	72,148	3/4	60,092
9		9	156,095	9	144,154	9	132,168	9	120,117	9	108,064	9	96,009	9	83,953	9	71,897	9	59,841
1/4		1/4	155,846	1/4	143,905	1/4	131,917	1/4	119,866	1/4	107,813	1/4	95,757	1/4	83,702	1/4	71,646	1/4	59,590
1/2		1/2	155,597	1/2	143,656	1/2	131,666	1/2	119,615	1/2	107,562	1/2	95,506	1/2	83,450	1/2	71,395	1/2	59,339
3/4		3/4	155,348	3/4	143,407	3/4	131,415	3/4	119,364	3/4	107,311	3/4	95,255	3/4	83,199	3/4	71,143	3/4	59,088
10		10	155,099	10	143,158	10	131,164	10	119,113	10	107,060	10	95,004	10	82,948	10	70,892	10	58,836
1/4		1/4	154,850	1/4	142,909	1/4	130,913	1/4	118,862	1/4	106,809	1/4	94,753	1/4	82,697	1/4	70,641	1/4	58,585
1/2		1/2	154,601	1/2	142,660	1/2	130,661	1/2	118,611	1/2	106,557	1/2	94,502	1/2	82,446	1/2	70,390	1/2	58,334
7/8	163,112	3/4	154,352	3/4	142,411	3/4	130,410	3/4	118,360	3/4	106,306	3/4	94,250	3/4	82,195	3/4	70,139	3/4	58,083
11	163,103	11	154,103	11	142,162	11	130,159	11	118,109	11	106,055	11	93,999	11	81,943	11	69,888	11	57,832
1/4	163,086	1/4	153,855	1/4	141,913	1/4	129,908	1/4	117,857	1/4	105,804	1/4	93,748	1/4	81,692	1/4	69,637	1/4	57,581
1/2	163,069	1/2	153,606	1/2	141,664	1/2	129,657	1/2	117,606	1/2	105,553	1/2	93,497	1/2	81,441	1/2	69,385	1/2	57,330
3/4	163,051	3/4	153,358	3/4	141,415	3/4	129,406	3/4	117,355	3/4	105,302	3/4	93,246	3/4	81,190	3/4	69,134	3/4	57,078

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 31'-10" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1303"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 7/8"

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	56,827	0	44,771	0	32,716	0	20,780	0	8,898	0		0		0		0		0	
1/4	56,576	1/4	44,520	1/4	32,464	1/4	20,537	1/4	8,647	1/4		1/4		1/4		1/4		1/4	
1/2	56,325	1/2	44,269	1/2	32,213	1/2	20,293	1/2	8,395	1/2		1/2		1/2		1/2		1/2	
3/4	56,074	3/4	44,018	3/4	31,962	3/4	20,049	3/4	8,144	3/4		3/4		3/4		3/4		3/4	
1	55,823	1	43,767	1	31,711	1	19,805	1	7,893	1		1		1		1		1	
1/4	55,571	1/4	43,516	1/4	31,460	1/4	19,562	1/4	7,642	1/4		1/4		1/4		1/4		1/4	
1/2	55,320	1/2	43,264	1/2	31,209	1/2	19,318	1/2	7,391	1/2		1/2		1/2		1/2		1/2	
3/4	55,069	3/4	43,013	3/4	30,957	3/4	19,074	3/4	7,141	3/4		3/4		3/4		3/4		3/4	
2	54,818	2	42,762	2	30,706	2	18,830	2	6,890	2		2		2		2		2	
1/4	54,567	1/4	42,511	1/4	30,455	1/4	18,586	1/4	6,639	1/4		1/4		1/4		1/4		1/4	
1/2	54,316	1/2	42,260	1/2	30,204	1/2	18,343	1/2	6,389	1/2		1/2		1/2		1/2		1/2	
3/4	54,064	3/4	42,009	3/4	29,953	3/4	18,099	3/4	6,139	3/4		3/4		3/4		3/4		3/4	
3	53,813	3	41,757	3	29,702	3	17,855	3	5,889	3		3		3		3		3	
1/4	53,562	1/4	41,506	1/4	29,450	1/4	17,611	1/4	5,639	1/4		1/4		1/4		1/4		1/4	
1/2	53,311	1/2	41,255	1/2	29,199	1/2	17,368	1/2	5,389	1/2		1/2		1/2		1/2		1/2	
3/4	53,060	3/4	41,004	3/4	28,948	3/4	17,124	3/4	5,140	3/4		3/4		3/4		3/4		3/4	
4	52,809	4	40,753	4	28,697	4	16,880	4	4,891	4		4		4		4		4	
1/4	52,557	1/4	40,502	1/4	28,446	1/4	16,636	1/4	4,642	1/4		1/4		1/4		1/4		1/4	
1/2	52,306	1/2	40,250	1/2	28,195	1/2	16,392	1/2	4,394	1/2		1/2		1/2		1/2		1/2	
3/4	52,055	3/4	39,999	3/4	27,943	3/4	16,149	3/4	4,146	3/4		3/4		3/4		3/4		3/4	
5	51,804	5	39,748	5	27,692	5	15,905	5	3,899	5		5		5		5		5	
1/4	51,553	1/4	39,497	1/4	27,441	1/4	15,661	1/4	3,652	1/4		1/4		1/4		1/4		1/4	
1/2	51,302	1/2	39,246	1/2	27,190	1/2	15,417	1/2	3,406	1/2		1/2		1/2		1/2		1/2	
3/4	51,050	3/4	38,995	3/4	26,939	3/4	15,172	3/4	3,160	3/4		3/4		3/4		3/4		3/4	
6	50,799	6	38,743	6	26,688	6	14,925	6	2,922	6		6		6		6		6	
1/4	50,548	1/4	38,492	1/4	26,436	1/4	14,674	1/4	2,693	1/4		1/4		1/4		1/4		1/4	
1/2	50,297	1/2	38,241	1/2	26,185	1/2	14,423	1/2	2,463	1/2		1/2		1/2		1/2		1/2	
3/4	50,046	3/4	37,990	3/4	25,934	3/4	14,172	3/4	2,234	3/4		3/4		3/4		3/4		3/4	
7	49,795	7	37,739	7	25,683	7	13,920	7	2,025	7		7		7		7		7	
1/4	49,543	1/4	37,488	1/4	25,432	1/4	13,669	1/4	1,836	1/4		1/4		1/4		1/4		1/4	
1/2	49,292	1/2	37,236	1/2	25,181	1/2	13,418	1/2	1,648	1/2		1/2		1/2		1/2		1/2	
3/4	49,041	3/4	36,985	3/4	24,930	3/4	13,167	3/4	1,460	3/4		3/4		3/4		3/4		3/4	
8	48,790	8	36,734	8	24,682	8	12,916	8	1,292	8		8		8		8		8	
1/4	48,539	1/4	36,483	1/4	24,438	1/4	12,665	1/4	1,146	1/4		1/4		1/4		1/4		1/4	
1/2	48,288	1/2	36,232	1/2	24,194	1/2	12,414	1/2	999	1/2		1/2		1/2		1/2		1/2	
3/4	48,036	3/4	35,981	3/4	23,950	3/4	12,163	3/4	853	3/4		3/4		3/4		3/4		3/4	
9	47,785	9	35,730	9	23,706	9	11,911	9	727	9		9		9		9		9	
1/4	47,534	1/4	35,478	1/4	23,462	1/4	11,660	1/4	623	1/4		1/4		1/4		1/4		1/4	
1/2	47,283	1/2	35,227	1/2	23,218	1/2	11,409	1/2	518	1/2		1/2		1/2		1/2		1/2	
3/4	47,032	3/4	34,976	3/4	22,974	3/4	11,158	3/4	413	3/4		3/4		3/4		3/4		3/4	
10	46,781	10	34,725	10	22,731	10	10,907	10	330	10		10		10		10		10	
1/4	46,530	1/4	34,474	1/4	22,487	1/4	10,656	1/4	267	1/4		1/4		1/4		1/4		1/4	
1/2	46,278	1/2	34,223	1/2	22,243	1/2	10,405	1/2	204	1/2		1/2		1/2		1/2		1/2	
3/4	46,027	3/4	33,971	3/4	21,999	3/4	10,153	3/4	141	3/4		3/4		3/4		3/4		3/4	
11	45,776	11	33,720	11	21,755	11	9,902	11	99	11		11		11		11		11	
1/4	45,525	1/4	33,469	1/4	21,512	1/4	9,651	1/4	79	1/4		1/4		1/4		1/4		1/4	
1/2	45,274	1/2	33,218	1/2	21,268	1/2	9,400	1/2	58	1/2		1/2		1/2		1/2		1/2	
3/4	45,023	3/4	32,967	3/4	21,024	3/4	9,149	3/4	37	3/4		3/4		3/4		3/4		3/4	

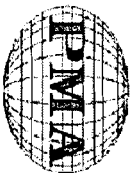
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CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/22/2008 CL - SW
CALCULATED: 05/22/2008 CL
PRINTED: 05/22/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1303"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	146,187	0	137,405	0	115,959	0	105,169	0	94,378
1/4	1/4	146,134	1/4	137,183	1/4	115,734	1/4	104,944	1/4	94,153
1/2	1/2	146,080	1/2	136,960	1/2	115,510	1/2	104,719	1/2	93,928
3/4	3/4	146,027	3/4	136,738	3/4	115,285	3/4	104,494	3/4	93,703
1	1	145,974	1	136,516	1	115,060	1	104,269	1	93,478
1/4	1/4	145,884	1/4	136,293	1/4	114,835	1/4	104,044	1/4	93,253
1/2	1/2	145,793	1/2	136,071	1/2	114,610	1/2	103,820	1/2	93,029
3/4	3/4	145,702	3/4	135,849	3/4	114,386	3/4	103,595	3/4	92,804
2	2	145,612	2	135,626	2	114,161	2	103,370	2	92,579
1/4	1/4	145,484	1/4	135,404	1/4	113,936	1/4	103,145	1/4	92,354
1/2	1/2	145,356	1/2	135,182	1/2	113,711	1/2	102,920	1/2	92,129
3/4	3/4	145,228	3/4	134,959	3/4	113,486	3/4	102,696	3/4	91,905
3	3	145,100	3	134,737	3	113,262	3	102,471	3	91,680
1/4	1/4	144,934	1/4	134,514	1/4	113,037	1/4	102,246	1/4	91,455
1/2	1/2	144,768	1/2	134,291	1/2	112,812	1/2	102,021	1/2	91,230
3/4	3/4	144,603	3/4	134,068	3/4	112,587	3/4	101,796	3/4	91,005
4	4	144,437	4	133,845	4	112,362	4	101,572	4	90,781
1/4	1/4	144,234	1/4	133,623	1/4	112,138	1/4	101,347	1/4	90,556
1/2	1/2	144,031	1/2	133,400	1/2	111,913	1/2	101,122	1/2	90,331
3/4	3/4	143,828	3/4	133,177	3/4	111,688	3/4	100,897	3/4	90,106
5	5	143,625	5	132,954	5	111,463	5	100,672	5	89,881
1/4	1/4	143,404	1/4	132,731	1/4	111,238	1/4	100,448	1/4	89,656
1/2	1/2	143,182	1/2	132,508	1/2	111,014	1/2	100,223	1/2	89,432
3/4	3/4	142,960	3/4	132,285	3/4	110,789	3/4	99,998	3/4	89,207
6	6	142,738	6	132,062	6	110,564	6	99,773	6	88,982
1/4	1/4	142,517	1/4	131,839	1/4	110,339	1/4	99,548	1/4	88,757
1/2	1/2	142,295	1/2	131,616	1/2	110,114	1/2	99,323	1/2	88,532
3/4	3/4	142,073	3/4	131,393	3/4	109,889	3/4	99,099	3/4	88,308
7	7	141,851	7	131,170	7	109,665	7	98,874	7	88,083
1/4	1/4	141,630	1/4	130,948	1/4	109,440	1/4	98,649	1/4	87,858
1/2	1/2	141,408	1/2	130,725	1/2	109,215	1/2	98,424	1/2	87,633
3/4	3/4	141,186	3/4	130,502	3/4	108,990	3/4	98,199	3/4	87,408
8	8	140,965	8	130,279	8	108,765	8	97,975	8	87,184
1/4	1/4	140,743	1/4	130,056	1/4	108,541	1/4	97,750	1/4	86,959
1/2	1/2	140,521	1/2	129,833	1/2	108,316	1/2	97,525	1/2	86,734
3/4	3/4	140,299	3/4	129,610	3/4	108,091	3/4	97,300	3/4	86,509
9	9	140,078	9	129,387	9	107,866	9	97,075	9	86,284
1/4	1/4	139,855	1/4	129,164	1/4	107,641	1/4	96,851	1/4	86,059
1/2	1/2	139,632	1/2	128,941	1/2	107,417	1/2	96,626	1/2	85,835
3/4	3/4	139,409	3/4	128,718	3/4	107,192	3/4	96,401	3/4	85,610
10	10	139,186	10	128,495	10	106,967	10	96,176	10	85,385
1/4	1/4	138,963	1/4	128,273	1/4	106,742	1/4	95,951	1/4	85,160
1/2	1/2	138,740	1/2	128,050	1/2	106,517	1/2	95,726	1/2	84,935
3/4	3/4	138,517	3/4	127,827	3/4	106,293	3/4	95,502	3/4	84,711
11	11	138,294	11	127,604	11	106,068	11	95,277	11	84,486
1/4	1/4	138,072	1/4	127,381	1/4	105,843	1/4	95,052	1/4	84,261
1/2	1/2	137,850	1/2	127,158	1/2	105,618	1/2	94,827	1/2	84,036
3/4	3/4	137,627	3/4	126,935	3/4	105,393	3/4	94,602	3/4	83,811

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 "MMIC" VALVE.

GAUGE POINT: (MMIC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT

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BARGE "CBC 1303"

3 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	51,213	0	40,422	0	29,631	0	18,852	0	8,079	0	26	0		0		0		0	
1/4	50,988	1/4	40,197	1/4	29,406	1/4	18,628	1/4	7,855	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,764	1/2	39,972	1/2	29,181	1/2	18,404	1/2	7,630	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,539	3/4	39,748	3/4	28,957	3/4	18,180	3/4	7,405	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	50,314	1	39,523	1	28,732	1	17,956	1	7,180	1		1		1		1		1	
1/4	50,089	1/4	39,298	1/4	28,507	1/4	17,732	1/4	6,956	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,864	1/2	39,073	1/2	28,282	1/2	17,508	1/2	6,731	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,640	3/4	38,848	3/4	28,057	3/4	17,284	3/4	6,506	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	49,415	2	38,624	2	27,833	2	17,060	2	6,282	2		2		2		2		2	
1/4	49,190	1/4	38,399	1/4	27,608	1/4	16,836	1/4	6,058	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,965	1/2	38,174	1/2	27,383	1/2	16,612	1/2	5,834	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,740	3/4	37,949	3/4	27,158	3/4	16,388	3/4	5,609	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	48,515	3	37,724	3	26,933	3	16,164	3	5,385	3		3		3		3		3	
1/4	48,291	1/4	37,500	1/4	26,708	1/4	15,940	1/4	5,162	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,066	1/2	37,275	1/2	26,484	1/2	15,715	1/2	4,938	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,841	3/4	37,050	3/4	26,259	3/4	15,491	3/4	4,715	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	47,616	4	36,825	4	26,034	4	15,267	4	4,492	4		4		4		4		4	
1/4	47,391	1/4	36,600	1/4	25,809	1/4	15,043	1/4	4,269	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,167	1/2	36,375	1/2	25,584	1/2	14,819	1/2	4,047	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,942	3/4	36,151	3/4	25,360	3/4	14,595	3/4	3,825	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	46,717	5	35,926	5	25,135	5	14,371	5	3,602	5		5		5		5		5	
1/4	46,492	1/4	35,701	1/4	24,910	1/4	14,147	1/4	3,382	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46,267	1/2	35,476	1/2	24,685	1/2	13,923	1/2	3,162	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,042	3/4	35,251	3/4	24,460	3/4	13,698	3/4	2,941	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	45,818	6	35,027	6	24,235	6	13,474	6	2,721	6		6		6		6		6	
1/4	45,593	1/4	34,802	1/4	24,011	1/4	13,249	1/4	2,516	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	45,368	1/2	34,577	1/2	23,786	1/2	13,025	1/2	2,310	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,143	3/4	34,352	3/4	23,561	3/4	12,800	3/4	2,105	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	44,918	7	34,127	7	23,336	7	12,575	7	1,899	7		7		7		7		7	
1/4	44,694	1/4	33,903	1/4	23,111	1/4	12,350	1/4	1,731	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44,469	1/2	33,678	1/2	22,887	1/2	12,126	1/2	1,562	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	44,244	3/4	33,453	3/4	22,662	3/4	11,901	3/4	1,394	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	44,019	8	33,228	8	22,437	8	11,676	8	1,225	8		8		8		8		8	
1/4	43,794	1/4	33,003	1/4	22,213	1/4	11,451	1/4	1,094	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	43,570	1/2	32,778	1/2	21,988	1/2	11,226	1/2	963	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	43,345	3/4	32,554	3/4	21,764	3/4	11,002	3/4	832	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	43,120	9	32,329	9	21,540	9	10,777	9	700	9		9		9		9		9	
1/4	42,895	1/4	32,104	1/4	21,316	1/4	10,552	1/4	607	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	42,670	1/2	31,879	1/2	21,092	1/2	10,327	1/2	513	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	42,445	3/4	31,654	3/4	20,868	3/4	10,103	3/4	419	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	42,221	10	31,430	10	20,644	10	9,878	10	326	10		10		10		10		10	
1/4	41,996	1/4	31,205	1/4	20,420	1/4	9,653	1/4	270	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	41,771	1/2	30,980	1/2	20,196	1/2	9,428	1/2	213	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	41,546	3/4	30,755	3/4	19,972	3/4	9,203	3/4	157	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	41,321	11	30,530	11	19,748	11	8,979	11	101	11		11		11		11		11	
1/4	41,097	1/4	30,305	1/4	19,524	1/4	8,754	1/4	82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	40,872	1/2	30,081	1/2	19,300	1/2	8,529	1/2	64	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	40,647	3/4	29,856	3/4	19,076	3/4	8,304	3/4	45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/22/2008 CL - SW
CALCULATED: 05/22/2008 CL
PRINTED: 05/22/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

PRECISION MEASUREMENT
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BARGE "CBC 1303"

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	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8
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 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 165'-03"

May 22, 2008

PRECISION MEASUREMENT
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 Pearland, Texas 77588

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BARGE "CBC 1303"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	26	0	7,965	0	18,415	0	28,928	0	39,566	0	50,204	0	60,842	0	71,480	0	82,118	0	92,756
1/4	45	1/4	8,187	1/4	18,629	1/4	29,150	1/4	39,788	1/4	50,426	1/4	61,064	1/4	71,702	1/4	82,340	1/4	92,978
1/2	63	1/2	8,408	1/2	18,842	1/2	29,372	1/2	40,010	1/2	50,648	1/2	61,286	1/2	71,924	1/2	82,562	1/2	93,200
3/4	82	3/4	8,630	3/4	19,056	3/4	29,593	3/4	40,231	3/4	50,869	3/4	61,507	3/4	72,145	3/4	82,783	3/4	93,421
1	100	1	8,852	1	19,270	1	29,815	1	40,453	1	51,091	1	61,729	1	72,367	1	83,005	1	93,643
1/4	156	1/4	9,073	1/4	19,484	1/4	30,037	1/4	40,675	1/4	51,312	1/4	61,950	1/4	72,588	1/4	83,226	1/4	93,864
1/2	211	1/2	9,295	1/2	19,697	1/2	30,258	1/2	40,896	1/2	51,534	1/2	62,172	1/2	72,810	1/2	83,448	1/2	94,086
3/4	266	3/4	9,516	3/4	19,911	3/4	30,480	3/4	41,118	3/4	51,756	3/4	62,394	3/4	73,032	3/4	83,670	3/4	94,308
2	322	2	9,738	2	20,125	2	30,701	2	41,339	2	51,977	2	62,615	2	73,253	2	83,891	2	94,529
1/4	414	1/4	9,960	1/4	20,339	1/4	30,923	1/4	41,561	1/4	52,199	1/4	62,837	1/4	73,475	1/4	84,113	1/4	94,751
1/2	506	1/2	10,181	1/2	20,553	1/2	31,145	1/2	41,783	1/2	52,421	1/2	63,059	1/2	73,697	1/2	84,335	1/2	94,972
3/4	599	3/4	10,403	3/4	20,766	3/4	31,366	3/4	42,004	3/4	52,642	3/4	63,280	3/4	73,918	3/4	84,556	3/4	95,194
3	691	3	10,624	3	20,980	3	31,588	3	42,226	3	52,864	3	63,502	3	74,140	3	84,778	3	95,416
1/4	820	1/4	10,846	1/4	21,194	1/4	31,810	1/4	42,448	1/4	53,085	1/4	63,723	1/4	74,361	1/4	84,999	1/4	95,637
1/2	949	1/2	11,068	1/2	21,408	1/2	32,031	1/2	42,669	1/2	53,307	1/2	63,945	1/2	74,583	1/2	85,221	1/2	95,859
3/4	1,079	3/4	11,289	3/4	21,622	3/4	32,253	3/4	42,891	3/4	53,529	3/4	64,167	3/4	74,805	3/4	85,443	3/4	96,081
4	1,208	4	11,511	4	21,836	4	32,474	4	43,112	4	53,750	4	64,388	4	75,026	4	85,664	4	96,302
1/4	1,374	1/4	11,732	1/4	22,058	1/4	32,696	1/4	43,334	1/4	53,972	1/4	64,610	1/4	75,248	1/4	85,886	1/4	96,524
1/2	1,540	1/2	11,954	1/2	22,280	1/2	32,918	1/2	43,556	1/2	54,194	1/2	64,832	1/2	75,470	1/2	86,108	1/2	96,745
3/4	1,707	3/4	12,175	3/4	22,501	3/4	33,139	3/4	43,777	3/4	54,415	3/4	65,053	3/4	75,691	3/4	86,329	3/4	96,967
5	1,873	5	12,397	5	22,723	5	33,361	5	43,999	5	54,637	5	65,275	5	75,913	5	86,551	5	97,189
1/4	2,075	1/4	12,619	1/4	22,945	1/4	33,583	1/4	44,221	1/4	54,858	1/4	65,496	1/4	76,134	1/4	86,772	1/4	97,410
1/2	2,278	1/2	12,840	1/2	23,166	1/2	33,804	1/2	44,442	1/2	55,080	1/2	65,718	1/2	76,356	1/2	86,994	1/2	97,632
3/4	2,480	3/4	13,062	3/4	23,388	3/4	34,026	3/4	44,664	3/4	55,302	3/4	65,940	3/4	76,578	3/4	87,216	3/4	97,854
6	2,683	6	13,283	6	23,609	6	34,247	6	44,885	6	55,523	6	66,161	6	76,799	6	87,437	6	98,075
1/4	2,900	1/4	13,497	1/4	23,831	1/4	34,469	1/4	45,107	1/4	55,745	1/4	66,383	1/4	77,021	1/4	87,659	1/4	98,297
1/2	3,117	1/2	13,712	1/2	24,053	1/2	34,691	1/2	45,329	1/2	55,967	1/2	66,605	1/2	77,243	1/2	87,881	1/2	98,518
3/4	3,335	3/4	13,926	3/4	24,274	3/4	34,912	3/4	45,550	3/4	56,188	3/4	66,826	3/4	77,464	3/4	88,102	3/4	98,740
7	3,552	7	14,140	7	24,496	7	35,134	7	45,772	7	56,410	7	67,048	7	77,686	7	88,324	7	98,962
1/4	3,771	1/4	14,354	1/4	24,718	1/4	35,356	1/4	45,994	1/4	56,631	1/4	67,269	1/4	77,907	1/4	88,545	1/4	99,183
1/2	3,990	1/2	14,567	1/2	24,939	1/2	35,577	1/2	46,215	1/2	56,853	1/2	67,491	1/2	78,129	1/2	88,767	1/2	99,405
3/4	4,209	3/4	14,781	3/4	25,161	3/4	35,799	3/4	46,437	3/4	57,075	3/4	67,713	3/4	78,351	3/4	88,989	3/4	99,626
8	4,428	8	14,995	8	25,382	8	36,020	8	46,658	8	57,296	8	67,934	8	78,572	8	89,210	8	99,848
1/4	4,649	1/4	15,209	1/4	25,604	1/4	36,242	1/4	46,880	1/4	57,518	1/4	68,156	1/4	78,794	1/4	89,432	1/4	100,069
1/2	4,869	1/2	15,422	1/2	25,826	1/2	36,464	1/2	47,102	1/2	57,740	1/2	68,378	1/2	79,016	1/2	89,654	1/2	100,291
3/4	5,089	3/4	15,636	3/4	26,047	3/4	36,685	3/4	47,323	3/4	57,961	3/4	68,599	3/4	79,237	3/4	89,875	3/4	100,512
9	5,309	9	15,850	9	26,269	9	36,907	9	47,545	9	58,183	9	68,821	9	79,459	9	90,097	9	100,734
1/4	5,530	1/4	16,064	1/4	26,491	1/4	37,129	1/4	47,767	1/4	58,404	1/4	69,042	1/4	79,680	1/4	90,318	1/4	100,956
1/2	5,751	1/2	16,277	1/2	26,712	1/2	37,350	1/2	47,988	1/2	58,626	1/2	69,264	1/2	79,902	1/2	90,540	1/2	101,177
3/4	5,972	3/4	16,491	3/4	26,934	3/4	37,572	3/4	48,210	3/4	58,848	3/4	69,486	3/4	80,124	3/4	90,762	3/4	101,399
10	6,193	10	16,705	10	27,155	10	37,793	10	48,431	10	59,069	10	69,707	10	80,345	10	90,983	10	101,620
1/4	6,415	1/4	16,919	1/4	27,377	1/4	38,015	1/4	48,653	1/4	59,291	1/4	69,929	1/4	80,567	1/4	91,205	1/4	101,842
1/2	6,636	1/2	17,132	1/2	27,599	1/2	38,237	1/2	48,875	1/2	59,513	1/2	70,151	1/2	80,789	1/2	91,427	1/2	102,063
3/4	6,857	3/4	17,346	3/4	27,820	3/4	38,458	3/4	49,096	3/4	59,734	3/4	70,372	3/4	81,010	3/4	91,648	3/4	102,285
11	7,079	11	17,560	11	28,042	11	38,680	11	49,318	11	59,956	11	70,594	11	81,232	11	91,870	11	102,506
1/4	7,300	1/4	17,774	1/4	28,264	1/4	38,902	1/4	49,539	1/4	60,177	1/4	70,815	1/4	81,453	1/4	92,091	1/4	102,728
1/2	7,522	1/2	17,987	1/2	28,485	1/2	39,123	1/2	49,761	1/2	60,399	1/2	71,037	1/2	81,675	1/2	92,313	1/2	102,949
3/4	7,744	3/4	18,201	3/4	28,707	3/4	39,345	3/4	49,983	3/4	60,621	3/4	71,259	3/4	81,897	3/4	92,535	3/4	103,171

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
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1303"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	103,392	0	114,026	0	124,623	0	135,162	0	143,817	0		0		0		0		0	
1/4	103,614	1/4	114,248	1/4	124,843	1/4	135,381	1/4	143,833	1/4		1/4		1/4		1/4		1/4	
1/2	103,835	1/2	114,469	1/2	125,063	1/2	135,600	1/2	143,848	1/2		1/2		1/2		1/2		1/2	
3/4	104,057	3/4	114,691	3/4	125,282	3/4	135,820	3/4	143,863	3/4		3/4		3/4		3/4		3/4	
1	104,279	1	114,912	1	125,502	1	136,039	1	143,879	1		1		1		1		1	
1/4	104,500	1/4	115,134	1/4	125,722	1/4	136,258	1/4			1/4			1/4		1/4		1/4	
1/2	104,722	1/2	115,355	1/2	125,941	1/2	136,478	1/2			1/2			1/2		1/2		1/2	
3/4	104,943	3/4	115,577	3/4	126,161	3/4	136,698	3/4			3/4			3/4		3/4		3/4	
2	105,165	2	115,798	2	126,381	2	136,917	2			2			2		2		2	
1/4	105,386	1/4	116,020	1/4	126,600	1/4	137,137	1/4			1/4			1/4		1/4		1/4	
1/2	105,608	1/2	116,241	1/2	126,820	1/2	137,357	1/2			1/2			1/2		1/2		1/2	
3/4	105,829	3/4	116,463	3/4	127,040	3/4	137,577	3/4			3/4			3/4		3/4		3/4	
3	106,051	3	116,684	3	127,260	3	137,796	3			3			3		3		3	
1/4	106,272	1/4	116,906	1/4	127,479	1/4	138,015	1/4			1/4			1/4		1/4		1/4	
1/2	106,494	1/2	117,127	1/2	127,699	1/2	138,233	1/2			1/2			1/2		1/2		1/2	
3/4	106,715	3/4	117,349	3/4	127,919	3/4	138,452	3/4			3/4			3/4		3/4		3/4	
4	106,937	4	117,571	4	128,138	4	138,671	4			4			4		4		4	
1/4	107,158	1/4	117,792	1/4	128,358	1/4	138,889	1/4			1/4			1/4		1/4		1/4	
1/2	107,380	1/2	118,014	1/2	128,578	1/2	139,108	1/2			1/2			1/2		1/2		1/2	
3/4	107,602	3/4	118,235	3/4	128,798	3/4	139,326	3/4			3/4			3/4		3/4		3/4	
5	107,823	5	118,457	5	129,017	5	139,545	5			5			5		5		5	
1/4	108,045	1/4	118,678	1/4	129,237	1/4	139,763	1/4			1/4			1/4		1/4		1/4	
1/2	108,266	1/2	118,900	1/2	129,457	1/2	139,982	1/2			1/2			1/2		1/2		1/2	
3/4	108,488	3/4	119,121	3/4	129,676	3/4	140,200	3/4			3/4			3/4		3/4		3/4	
8	108,709	8	119,343	8	129,896	8	140,419	8			8			8		8		8	
1/4	108,931	1/4	119,564	1/4	130,116	1/4	140,637	1/4			1/4			1/4		1/4		1/4	
1/2	109,152	1/2	119,786	1/2	130,336	1/2	140,856	1/2			1/2			1/2		1/2		1/2	
3/4	109,374	3/4	120,007	3/4	130,555	3/4	141,075	3/4			3/4			3/4		3/4		3/4	
7	109,595	7	120,229	7	130,775	7	141,293	7			7			7		7		7	
1/4	109,817	1/4	120,449	1/4	130,995	1/4	141,493	1/4			1/4			1/4		1/4		1/4	
1/2	110,038	1/2	120,668	1/2	131,214	1/2	141,693	1/2			1/2			1/2		1/2		1/2	
3/4	110,260	3/4	120,888	3/4	131,434	3/4	141,893	3/4			3/4			3/4		3/4		3/4	
8	110,481	8	121,108	8	131,654	8	142,093	8			8			8		8		8	
1/4	110,703	1/4	121,327	1/4	131,873	1/4	142,257	1/4			1/4			1/4		1/4		1/4	
1/2	110,925	1/2	121,547	1/2	132,093	1/2	142,420	1/2			1/2			1/2		1/2		1/2	
3/4	111,146	3/4	121,767	3/4	132,313	3/4	142,583	3/4			3/4			3/4		3/4		3/4	
9	111,368	9	121,987	9	132,533	9	142,746	9			9			9		9		9	
1/4	111,589	1/4	122,206	1/4	132,752	1/4	142,872	1/4			1/4			1/4		1/4		1/4	
1/2	111,811	1/2	122,426	1/2	132,971	1/2	142,998	1/2			1/2			1/2		1/2		1/2	
3/4	112,032	3/4	122,646	3/4	133,190	3/4	143,125	3/4			3/4			3/4		3/4		3/4	
10	112,254	10	122,865	10	133,409	10	143,251	10			10			10		10		10	
1/4	112,475	1/4	123,085	1/4	133,628	1/4	143,340	1/4			1/4			1/4		1/4		1/4	
1/2	112,697	1/2	123,305	1/2	133,847	1/2	143,429	1/2			1/2			1/2		1/2		1/2	
3/4	112,918	3/4	123,525	3/4	134,066	3/4	143,519	3/4			3/4			3/4		3/4		3/4	
11	113,140	11	123,744	11	134,286	11	143,608	11			11			11		11		11	
1/4	113,361	1/4	123,964	1/4	134,505	1/4	143,660	1/4			1/4			1/4		1/4		1/4	
1/2	113,583	1/2	124,184	1/2	134,724	1/2	143,713	1/2			1/2			1/2		1/2		1/2	
3/4	113,804	3/4	124,403	3/4	134,943	3/4	143,765	3/4			3/4			3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/22/2008 CL - SW
CALCULATED: 06/22/2008 CL
PRINTED: 06/22/2008 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.

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[Signature]



BARGE "CBC 1303"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 7/8"

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	9,023	0	20,902	0	32,841	0	44,897	0	56,953	0	69,009	0	81,064	0	93,120	0	105,176
1/4	47	1/4	9,274	1/4	21,146	1/4	33,092	1/4	45,148	1/4	57,204	1/4	69,260	1/4	81,316	1/4	93,371	1/4	105,427
1/2	68	1/2	9,526	1/2	21,390	1/2	33,343	1/2	45,399	1/2	57,455	1/2	69,511	1/2	81,567	1/2	93,623	1/2	105,678
3/4	89	3/4	9,777	3/4	21,634	3/4	33,595	3/4	45,650	3/4	57,706	3/4	69,762	3/4	81,818	3/4	93,874	3/4	105,930
1	110	1	10,028	1	21,877	1	33,846	1	45,902	1	57,957	1	70,013	1	82,069	1	94,125	1	106,181
1/4	173	1/4	10,279	1/4	22,121	1/4	34,097	1/4	46,153	1/4	58,209	1/4	70,264	1/4	82,320	1/4	94,376	1/4	106,432
1/2	235	1/2	10,530	1/2	22,365	1/2	34,348	1/2	46,404	1/2	58,460	1/2	70,516	1/2	82,571	1/2	94,627	1/2	106,683
3/4	298	3/4	10,781	3/4	22,609	3/4	34,599	3/4	46,655	3/4	58,711	3/4	70,767	3/4	82,823	3/4	94,878	3/4	106,934
2	361	2	11,032	2	22,852	2	34,850	2	46,906	2	58,962	2	71,018	2	83,074	2	95,130	2	107,185
1/4	466	1/4	11,284	1/4	23,096	1/4	35,102	1/4	47,157	1/4	59,213	1/4	71,269	1/4	83,325	1/4	95,381	1/4	107,437
1/2	570	1/2	11,535	1/2	23,340	1/2	35,353	1/2	47,409	1/2	59,464	1/2	71,520	1/2	83,576	1/2	95,632	1/2	107,688
3/4	675	3/4	11,786	3/4	23,584	3/4	35,604	3/4	47,660	3/4	59,716	3/4	71,771	3/4	83,827	3/4	95,883	3/4	107,939
3	779	3	12,037	3	23,827	3	35,855	3	47,911	3	59,967	3	72,023	3	84,078	3	96,134	3	108,190
1/4	926	1/4	12,288	1/4	24,072	1/4	36,106	1/4	48,162	1/4	60,218	1/4	72,274	1/4	84,330	1/4	96,385	1/4	108,441
1/2	1,072	1/2	12,539	1/2	24,316	1/2	36,357	1/2	48,413	1/2	60,469	1/2	72,525	1/2	84,581	1/2	96,637	1/2	108,692
3/4	1,219	3/4	12,790	3/4	24,560	3/4	36,609	3/4	48,664	3/4	60,720	3/4	72,776	3/4	84,832	3/4	96,888	3/4	108,943
4	1,365	4	13,041	4	24,804	4	36,860	4	48,916	4	60,971	4	73,027	4	85,083	4	97,139	4	109,195
1/4	1,554	1/4	13,293	1/4	25,055	1/4	37,111	1/4	49,167	1/4	61,223	1/4	73,278	1/4	85,334	1/4	97,390	1/4	109,446
1/2	1,742	1/2	13,544	1/2	25,306	1/2	37,362	1/2	49,418	1/2	61,474	1/2	73,530	1/2	85,585	1/2	97,641	1/2	109,697
3/4	1,931	3/4	13,795	3/4	25,557	3/4	37,613	3/4	49,669	3/4	61,725	3/4	73,781	3/4	85,837	3/4	97,892	3/4	109,948
5	2,119	5	14,046	5	25,809	5	37,864	5	49,920	5	61,976	5	74,032	5	86,088	5	98,143	5	110,199
1/4	2,348	1/4	14,297	1/4	26,060	1/4	38,116	1/4	50,171	1/4	62,227	1/4	74,283	1/4	86,339	1/4	98,395	1/4	110,450
1/2	2,578	1/2	14,548	1/2	26,311	1/2	38,367	1/2	50,423	1/2	62,478	1/2	74,534	1/2	86,590	1/2	98,646	1/2	110,702
3/4	2,808	3/4	14,799	3/4	26,562	3/4	38,618	3/4	50,674	3/4	62,730	3/4	74,785	3/4	86,841	3/4	98,897	3/4	110,953
6	3,037	6	15,050	6	26,813	6	38,869	6	50,925	6	62,981	6	75,037	6	87,092	6	99,148	6	111,204
1/4	3,283	1/4	15,295	1/4	27,064	1/4	39,120	1/4	51,176	1/4	63,232	1/4	75,288	1/4	87,343	1/4	99,399	1/4	111,455
1/2	3,529	1/2	15,539	1/2	27,316	1/2	39,371	1/2	51,427	1/2	63,483	1/2	75,539	1/2	87,595	1/2	99,650	1/2	111,706
3/4	3,775	3/4	15,783	3/4	27,567	3/4	39,623	3/4	51,678	3/4	63,734	3/4	75,790	3/4	87,846	3/4	99,902	3/4	111,957
7	4,022	7	16,027	7	27,818	7	39,874	7	51,930	7	63,985	7	76,041	7	88,097	7	100,153	7	112,209
1/4	4,270	1/4	16,271	1/4	28,069	1/4	40,125	1/4	52,181	1/4	64,237	1/4	76,292	1/4	88,348	1/4	100,404	1/4	112,460
1/2	4,518	1/2	16,514	1/2	28,320	1/2	40,376	1/2	52,432	1/2	64,488	1/2	76,543	1/2	88,599	1/2	100,655	1/2	112,711
3/4	4,767	3/4	16,758	3/4	28,571	3/4	40,627	3/4	52,683	3/4	64,739	3/4	76,795	3/4	88,850	3/4	100,906	3/4	112,962
8	5,015	8	17,002	8	28,823	8	40,878	8	52,934	8	64,990	8	77,046	8	89,102	8	101,157	8	113,213
1/4	5,265	1/4	17,246	1/4	29,074	1/4	41,130	1/4	53,185	1/4	65,241	1/4	77,297	1/4	89,353	1/4	101,409	1/4	113,464
1/2	5,514	1/2	17,489	1/2	29,325	1/2	41,381	1/2	53,436	1/2	65,492	1/2	77,548	1/2	89,604	1/2	101,660	1/2	113,715
3/4	5,764	3/4	17,733	3/4	29,576	3/4	41,632	3/4	53,688	3/4	65,743	3/4	77,799	3/4	89,855	3/4	101,911	3/4	113,966
9	6,013	9	17,977	9	29,827	9	41,883	9	53,939	9	65,995	9	78,050	9	90,106	9	102,162	9	114,217
1/4	6,264	1/4	18,221	1/4	30,078	1/4	42,134	1/4	54,190	1/4	66,246	1/4	78,302	1/4	90,357	1/4	102,413	1/4	114,468
1/2	6,514	1/2	18,465	1/2	30,330	1/2	42,385	1/2	54,441	1/2	66,497	1/2	78,553	1/2	90,609	1/2	102,664	1/2	114,719
3/4	6,765	3/4	18,708	3/4	30,581	3/4	42,636	3/4	54,692	3/4	66,748	3/4	78,804	3/4	90,860	3/4	102,916	3/4	114,970
10	7,015	10	18,952	10	30,832	10	42,888	10	54,943	10	66,999	10	79,055	10	91,111	10	103,167	10	115,221
1/4	7,266	1/4	19,196	1/4	31,083	1/4	43,139	1/4	55,195	1/4	67,250	1/4	79,306	1/4	91,362	1/4	103,418	1/4	115,472
1/2	7,517	1/2	19,440	1/2	31,334	1/2	43,390	1/2	55,446	1/2	67,502	1/2	79,557	1/2	91,613	1/2	103,669	1/2	115,723
3/4	7,768	3/4	19,683	3/4	31,585	3/4	43,641	3/4	55,697	3/4	67,753	3/4	79,809	3/4	91,864	3/4	103,920	3/4	115,975
11	8,019	11	19,927	11	31,836	11	43,892	11	55,948	11	68,004	11	80,060	11	92,116	11	104,171	11	116,226
1/4	8,270	1/4	20,171	1/4	32,088	1/4	44,143	1/4	56,199	1/4	68,255	1/4	80,311	1/4	92,367	1/4	104,423	1/4	116,477
1/2	8,521	1/2	20,415	1/2	32,339	1/2	44,395	1/2	56,450	1/2	68,506	1/2	80,562	1/2	92,618	1/2	104,674	1/2	116,728
3/4	8,772	3/4	20,658	3/4	32,590	3/4	44,646	3/4	56,702	3/4	68,757	3/4	80,813	3/4	92,869	3/4	104,925	3/4	116,979

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 31'-10" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 1303"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 7/8"

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	117,230	0	129,281	0	141,290	0	153,234	0	163,042	0		0		0		0		0	
1/4	117,481	1/4	129,532	1/4	141,539	1/4	153,482	1/4	163,060	1/4		1/4		1/4		1/4		1/4	
1/2	117,732	1/2	129,783	1/2	141,788	1/2	153,730	1/2	163,077	1/2		1/2		1/2		1/2		1/2	
3/4	117,983	3/4	130,034	3/4	142,037	3/4	153,979	3/4	163,095	3/4		3/4		3/4		3/4		3/4	
1	118,234	1	130,285	1	142,286	1	154,227	1	163,112	1		1		1		1		1	
1/4	118,485	1/4	130,536	1/4	142,535	1/4	154,476	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,736	1/2	130,787	1/2	142,784	1/2	154,725	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,987	3/4	131,038	3/4	143,033	3/4	154,974	3/4		3/4		3/4		3/4		3/4		3/4	
2	119,238	2	131,289	2	143,282	2	155,223	2		2		2		2		2		2	
1/4	119,489	1/4	131,540	1/4	143,531	1/4	155,472	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,740	1/2	131,791	1/2	143,780	1/2	155,721	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,991	3/4	132,042	3/4	144,029	3/4	155,970	3/4		3/4		3/4		3/4		3/4		3/4	
3	120,243	3	132,293	3	144,278	3	156,219	3		3		3		3		3		3	
1/4	120,494	1/4	132,544	1/4	144,527	1/4	156,467	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,745	1/2	132,795	1/2	144,776	1/2	156,714	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,996	3/4	133,047	3/4	145,025	3/4	156,962	3/4		3/4		3/4		3/4		3/4		3/4	
4	121,247	4	133,298	4	145,274	4	157,210	4		4		4		4		4		4	
1/4	121,498	1/4	133,549	1/4	145,523	1/4	157,457	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,749	1/2	133,800	1/2	145,772	1/2	157,705	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,000	3/4	134,051	3/4	146,021	3/4	157,953	3/4		3/4		3/4		3/4		3/4		3/4	
5	122,251	5	134,302	5	146,270	5	158,200	5		5		5		5		5		5	
1/4	122,502	1/4	134,553	1/4	146,519	1/4	158,448	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,753	1/2	134,804	1/2	146,768	1/2	158,696	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,004	3/4	135,055	3/4	147,017	3/4	158,944	3/4		3/4		3/4		3/4		3/4		3/4	
6	123,255	6	135,306	6	147,266	6	159,191	6		6		6		6		6		6	
1/4	123,506	1/4	135,557	1/4	147,515	1/4	159,439	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,757	1/2	135,808	1/2	147,764	1/2	159,687	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,008	3/4	136,059	3/4	148,013	3/4	159,934	3/4		3/4		3/4		3/4		3/4		3/4	
7	124,259	7	136,310	7	148,262	7	160,182	7		7		7		7		7		7	
1/4	124,511	1/4	136,559	1/4	148,511	1/4	160,409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,762	1/2	136,808	1/2	148,760	1/2	160,635	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,013	3/4	137,057	3/4	149,009	3/4	160,862	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,264	8	137,306	8	149,258	8	161,089	8		8		8		8		8		8	
1/4	125,515	1/4	137,555	1/4	149,507	1/4	161,274	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,766	1/2	137,804	1/2	149,756	1/2	161,459	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,017	3/4	138,053	3/4	150,005	3/4	161,644	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,268	9	138,302	9	150,254	9	161,828	9		9		9		9		9		9	
1/4	126,519	1/4	138,551	1/4	150,502	1/4	161,971	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,770	1/2	138,800	1/2	150,750	1/2	162,114	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,021	3/4	139,049	3/4	150,999	3/4	162,258	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,272	10	139,298	10	151,247	10	162,401	10		10		10		10		10		10	
1/4	127,523	1/4	139,547	1/4	151,495	1/4	162,502	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,774	1/2	139,796	1/2	151,744	1/2	162,603	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,025	3/4	140,045	3/4	151,992	3/4	162,704	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,276	11	140,294	11	152,240	11	162,805	11		11		11		11		11		11	
1/4	128,527	1/4	140,543	1/4	152,489	1/4	162,865	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,779	1/2	140,792	1/2	152,737	1/2	162,924	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,030	3/4	141,041	3/4	152,985	3/4	162,983	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/22/2008 CL - SW
CALCULATED: 05/22/2008 CL
PRINTED: 05/22/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1303"

3 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	8,079	0	18,852	0	29,631	0	40,422	0	51,213	0	62,004	0	72,795	0	83,586	0	94,378
1/4	45	1/4	8,304	1/4	19,076	1/4	29,856	1/4	40,647	1/4	51,438	1/4	62,229	1/4	73,020	1/4	83,811	1/4	94,602
1/2	64	1/2	8,529	1/2	19,300	1/2	30,081	1/2	40,872	1/2	51,663	1/2	62,454	1/2	73,245	1/2	84,036	1/2	94,827
3/4	82	3/4	8,754	3/4	19,524	3/4	30,305	3/4	41,097	3/4	51,888	3/4	62,679	3/4	73,470	3/4	84,261	3/4	95,052
1	101	1	8,979	1	19,748	1	30,530	1	41,321	1	52,112	1	62,904	1	73,695	1	84,486	1	95,277
1/4	157	1/4	9,203	1/4	19,972	1/4	30,755	1/4	41,546	1/4	52,337	1/4	63,128	1/4	73,919	1/4	84,711	1/4	95,502
1/2	213	1/2	9,428	1/2	20,196	1/2	30,980	1/2	41,771	1/2	52,562	1/2	63,353	1/2	74,144	1/2	84,935	1/2	95,726
3/4	270	3/4	9,653	3/4	20,420	3/4	31,205	3/4	41,996	3/4	52,787	3/4	63,578	3/4	74,369	3/4	85,160	3/4	95,951
2	326	2	9,878	2	20,644	2	31,430	2	42,221	2	53,012	2	63,803	2	74,594	2	85,385	2	96,176
1/4	419	1/4	10,103	1/4	20,868	1/4	31,654	1/4	42,445	1/4	53,237	1/4	64,028	1/4	74,819	1/4	85,610	1/4	96,401
1/2	513	1/2	10,327	1/2	21,092	1/2	31,879	1/2	42,670	1/2	53,461	1/2	64,252	1/2	75,044	1/2	85,835	1/2	96,626
3/4	607	3/4	10,552	3/4	21,316	3/4	32,104	3/4	42,895	3/4	53,686	3/4	64,477	3/4	75,268	3/4	86,059	3/4	96,851
3	700	3	10,777	3	21,540	3	32,329	3	43,120	3	53,911	3	64,702	3	75,493	3	86,284	3	97,075
1/4	832	1/4	11,002	1/4	21,764	1/4	32,554	1/4	43,345	1/4	54,136	1/4	64,927	1/4	75,718	1/4	86,509	1/4	97,300
1/2	963	1/2	11,226	1/2	21,988	1/2	32,778	1/2	43,570	1/2	54,361	1/2	65,152	1/2	75,943	1/2	86,734	1/2	97,525
3/4	1,094	3/4	11,451	3/4	22,213	3/4	33,003	3/4	43,794	3/4	54,585	3/4	65,377	3/4	76,168	3/4	86,959	3/4	97,750
4	1,225	4	11,676	4	22,437	4	33,228	4	44,019	4	54,810	4	65,601	4	76,392	4	87,184	4	97,975
1/4	1,394	1/4	11,901	1/4	22,662	1/4	33,453	1/4	44,244	1/4	55,035	1/4	65,826	1/4	76,617	1/4	87,408	1/4	98,199
1/2	1,562	1/2	12,126	1/2	22,887	1/2	33,678	1/2	44,469	1/2	55,260	1/2	66,051	1/2	76,842	1/2	87,633	1/2	98,424
3/4	1,731	3/4	12,350	3/4	23,111	3/4	33,903	3/4	44,694	3/4	55,485	3/4	66,276	3/4	77,067	3/4	87,858	3/4	98,649
5	1,899	5	12,575	5	23,336	5	34,127	5	44,918	5	55,709	5	66,501	5	77,292	5	88,083	5	98,874
1/4	2,105	1/4	12,800	1/4	23,561	1/4	34,352	1/4	45,143	1/4	55,934	1/4	66,725	1/4	77,516	1/4	88,308	1/4	99,099
1/2	2,310	1/2	13,025	1/2	23,786	1/2	34,577	1/2	45,368	1/2	56,159	1/2	66,950	1/2	77,741	1/2	88,532	1/2	99,323
3/4	2,516	3/4	13,249	3/4	24,011	3/4	34,802	3/4	45,593	3/4	56,384	3/4	67,175	3/4	77,966	3/4	88,757	3/4	99,548
6	2,721	6	13,474	6	24,235	6	35,027	6	45,818	6	56,609	6	67,400	6	78,191	6	88,982	6	99,773
1/4	2,941	1/4	13,698	1/4	24,460	1/4	35,251	1/4	46,042	1/4	56,834	1/4	67,625	1/4	78,416	1/4	89,207	1/4	99,998
1/2	3,162	1/2	13,923	1/2	24,685	1/2	35,476	1/2	46,267	1/2	57,058	1/2	67,849	1/2	78,641	1/2	89,432	1/2	100,223
3/4	3,382	3/4	14,147	3/4	24,910	3/4	35,701	3/4	46,492	3/4	57,283	3/4	68,074	3/4	78,865	3/4	89,656	3/4	100,448
7	3,602	7	14,371	7	25,135	7	35,926	7	46,717	7	57,508	7	68,299	7	79,090	7	89,881	7	100,672
1/4	3,825	1/4	14,595	1/4	25,360	1/4	36,151	1/4	46,942	1/4	57,733	1/4	68,524	1/4	79,315	1/4	90,106	1/4	100,897
1/2	4,047	1/2	14,819	1/2	25,584	1/2	36,375	1/2	47,167	1/2	57,958	1/2	68,749	1/2	79,540	1/2	90,331	1/2	101,122
3/4	4,269	3/4	15,043	3/4	25,809	3/4	36,600	3/4	47,391	3/4	58,182	3/4	68,974	3/4	79,765	3/4	90,556	3/4	101,347
8	4,492	8	15,267	8	26,034	8	36,825	8	47,616	8	58,407	8	69,198	8	79,989	8	90,781	8	101,572
1/4	4,715	1/4	15,491	1/4	26,259	1/4	37,050	1/4	47,841	1/4	58,632	1/4	69,423	1/4	80,214	1/4	91,005	1/4	101,796
1/2	4,938	1/2	15,715	1/2	26,484	1/2	37,275	1/2	48,066	1/2	58,857	1/2	69,648	1/2	80,439	1/2	91,230	1/2	102,021
3/4	5,162	3/4	15,940	3/4	26,708	3/4	37,500	3/4	48,291	3/4	59,082	3/4	69,873	3/4	80,664	3/4	91,455	3/4	102,246
9	5,385	9	16,164	9	26,933	9	37,724	9	48,515	9	59,307	9	70,098	9	80,889	9	91,680	9	102,471
1/4	5,609	1/4	16,388	1/4	27,158	1/4	37,949	1/4	48,740	1/4	59,531	1/4	70,322	1/4	81,114	1/4	91,905	1/4	102,696
1/2	5,834	1/2	16,612	1/2	27,383	1/2	38,174	1/2	48,965	1/2	59,756	1/2	70,547	1/2	81,338	1/2	92,129	1/2	102,920
3/4	6,058	3/4	16,836	3/4	27,608	3/4	38,399	3/4	49,190	3/4	59,981	3/4	70,772	3/4	81,563	3/4	92,354	3/4	103,145
10	6,282	10	17,060	10	27,833	10	38,624	10	49,415	10	60,206	10	70,997	10	81,788	10	92,579	10	103,370
1/4	6,506	1/4	17,284	1/4	28,057	1/4	38,848	1/4	49,640	1/4	60,431	1/4	71,222	1/4	82,013	1/4	92,804	1/4	103,595
1/2	6,731	1/2	17,508	1/2	28,282	1/2	39,073	1/2	49,864	1/2	60,655	1/2	71,447	1/2	82,238	1/2	93,029	1/2	103,820
3/4	6,956	3/4	17,732	3/4	28,507	3/4	39,298	3/4	50,089	3/4	60,880	3/4	71,671	3/4	82,462	3/4	93,253	3/4	104,044
11	7,180	11	17,956	11	28,732	11	39,523	11	50,314	11	61,105	11	71,896	11	82,687	11	93,478	11	104,269
1/4	7,405	1/4	18,180	1/4	28,957	1/4	39,748	1/4	50,539	1/4	61,330	1/4	72,121	1/4	82,912	1/4	93,703	1/4	104,494
1/2	7,630	1/2	18,404	1/2	29,181	1/2	39,972	1/2	50,764	1/2	61,555	1/2	72,346	1/2	83,137	1/2	93,928	1/2	104,719
3/4	7,855	3/4	18,628	3/4	29,406	3/4	40,197	3/4	50,988	3/4	61,779	3/4	72,571	3/4	83,362	3/4	94,153	3/4	104,944

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
& ANALYSIS, INC.

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



BARGE "CBC 1303"

3 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	105,169	0	115,959	0	126,712	0	137,405	0	146,187	0		0		0		0		0	
1/4	105,393	1/4	116,184	1/4	126,935	1/4	137,627	1/4	146,202	1/4		1/4		1/4		1/4		1/4	
1/2	105,618	1/2	116,409	1/2	127,158	1/2	137,850	1/2	146,218	1/2		1/2		1/2		1/2		1/2	
3/4	105,843	3/4	116,634	3/4	127,381	3/4	138,072	3/4	146,234	3/4		3/4		3/4		3/4		3/4	
1	106,068	1	116,859	1	127,604	1	138,294	1	146,249	1	1	1		1		1		1	
1/4	106,293	1/4	117,083	1/4	127,827	1/4	138,517	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,517	1/2	117,308	1/2	128,050	1/2	138,740	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,742	3/4	117,533	3/4	128,273	3/4	138,963	3/4		3/4		3/4		3/4		3/4		3/4	
2	106,967	2	117,758	2	128,495	2	139,186	2		2	2	2		2		2		2	
1/4	107,192	1/4	117,983	1/4	128,718	1/4	139,409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,417	1/2	118,207	1/2	128,941	1/2	139,632	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,641	3/4	118,432	3/4	129,164	3/4	139,855	3/4		3/4		3/4		3/4		3/4		3/4	
3	107,866	3	118,657	3	129,387	3	140,078	3		3	3	3		3		3		3	
1/4	108,091	1/4	118,882	1/4	129,610	1/4	140,299	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,316	1/2	119,107	1/2	129,833	1/2	140,521	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,541	3/4	119,331	3/4	130,056	3/4	140,743	3/4		3/4		3/4		3/4		3/4		3/4	
4	108,765	4	119,555	4	130,279	4	140,965	4		4	4	4		4		4		4	
1/4	108,990	1/4	119,781	1/4	130,502	1/4	141,186	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,215	1/2	120,006	1/2	130,725	1/2	141,408	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,440	3/4	120,231	3/4	130,948	3/4	141,630	3/4		3/4		3/4		3/4		3/4		3/4	
5	109,665	5	120,455	5	131,170	5	141,851	5		5	5	5		5		5		5	
1/4	109,889	1/4	120,680	1/4	131,393	1/4	142,073	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,114	1/2	120,905	1/2	131,616	1/2	142,295	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,339	3/4	121,130	3/4	131,839	3/4	142,517	3/4		3/4		3/4		3/4		3/4		3/4	
6	110,564	6	121,355	6	132,062	6	142,738	6		6	6	6		6		6		6	
1/4	110,789	1/4	121,580	1/4	132,285	1/4	142,960	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,014	1/2	121,804	1/2	132,508	1/2	143,182	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,238	3/4	122,029	3/4	132,731	3/4	143,404	3/4		3/4		3/4		3/4		3/4		3/4	
7	111,463	7	122,254	7	132,954	7	143,625	7		7	7	7		7		7		7	
1/4	111,688	1/4	122,477	1/4	133,177	1/4	143,828	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,913	1/2	122,700	1/2	133,400	1/2	144,031	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,138	3/4	122,923	3/4	133,623	3/4	144,234	3/4		3/4		3/4		3/4		3/4		3/4	
8	112,362	8	123,146	8	133,845	8	144,437	8		8	8	8		8		8		8	
1/4	112,587	1/4	123,368	1/4	134,068	1/4	144,603	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,812	1/2	123,591	1/2	134,291	1/2	144,768	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,037	3/4	123,814	3/4	134,514	3/4	144,934	3/4		3/4		3/4		3/4		3/4		3/4	
9	113,262	9	124,037	9	134,737	9	145,100	9		9	9	9		9		9		9	
1/4	113,486	1/4	124,260	1/4	134,959	1/4	145,228	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,711	1/2	124,483	1/2	135,182	1/2	145,356	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,936	3/4	124,706	3/4	135,404	3/4	145,484	3/4		3/4		3/4		3/4		3/4		3/4	
10	114,161	10	124,929	10	135,626	10	145,612	10		10	10	10		10		10		10	
1/4	114,386	1/4	125,152	1/4	135,849	1/4	145,702	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,610	1/2	125,375	1/2	136,071	1/2	145,793	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,835	3/4	125,598	3/4	136,293	3/4	145,884	3/4		3/4		3/4		3/4		3/4		3/4	
11	115,060	11	125,821	11	136,516	11	145,974	11		11	11	11		11		11		11	
1/4	115,285	1/4	126,043	1/4	136,738	1/4	146,027	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,510	1/2	126,266	1/2	136,960	1/2	146,080	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,734	3/4	126,489	3/4	137,183	3/4	146,134	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/22/2008 CL - SW
CALCULATED: 05/22/2008 CL
PRINTED: 05/22/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2008

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