



BARGE "CBC 1301"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 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'-09"

April 4, 2008

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1301"

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	7,951	0	18,383	0	28,878	0	39,497	0	50,117	0	60,736	0	71,356	0	81,975	0	92,594
1/4	45	1/4	8,172	1/4	18,596	1/4	29,099	1/4	39,719	1/4	50,338	1/4	60,957	1/4	71,577	1/4	82,196	1/4	92,816
1/2	63	1/2	8,394	1/2	18,810	1/2	29,320	1/2	39,940	1/2	50,559	1/2	61,179	1/2	71,798	1/2	82,417	1/2	93,037
3/4	82	3/4	8,615	3/4	19,023	3/4	29,542	3/4	40,161	3/4	50,780	3/4	61,400	3/4	72,019	3/4	82,639	3/4	93,258
1	100	1	8,836	1	19,236	1	29,763	1	40,382	1	51,002	1	61,621	1	72,241	1	82,860	1	93,479
1/4	155	1/4	9,057	1/4	19,450	1/4	29,984	1/4	40,604	1/4	51,223	1/4	61,842	1/4	72,462	1/4	83,081	1/4	93,701
1/2	211	1/2	9,279	1/2	19,663	1/2	30,205	1/2	40,825	1/2	51,444	1/2	62,064	1/2	72,683	1/2	83,302	1/2	93,922
3/4	266	3/4	9,500	3/4	19,877	3/4	30,427	3/4	41,046	3/4	51,665	3/4	62,285	3/4	72,904	3/4	83,524	3/4	94,143
2	321	2	9,721	2	20,090	2	30,648	2	41,267	2	51,887	2	62,506	2	73,125	2	83,745	2	94,364
1/4	413	1/4	9,942	1/4	20,303	1/4	30,869	1/4	41,488	1/4	52,108	1/4	62,727	1/4	73,347	1/4	83,966	1/4	94,586
1/2	505	1/2	10,163	1/2	20,517	1/2	31,090	1/2	41,710	1/2	52,329	1/2	62,949	1/2	73,568	1/2	84,187	1/2	94,807
3/4	598	3/4	10,385	3/4	20,730	3/4	31,312	3/4	41,931	3/4	52,550	3/4	63,170	3/4	73,789	3/4	84,409	3/4	95,028
3	690	3	10,606	3	20,943	3	31,533	3	42,152	3	52,772	3	63,391	3	74,010	3	84,630	3	95,249
1/4	819	1/4	10,827	1/4	21,157	1/4	31,754	1/4	42,373	1/4	52,993	1/4	63,612	1/4	74,232	1/4	84,851	1/4	95,470
1/2	948	1/2	11,048	1/2	21,371	1/2	31,975	1/2	42,595	1/2	53,214	1/2	63,834	1/2	74,453	1/2	85,072	1/2	95,692
3/4	1,077	3/4	11,269	3/4	21,585	3/4	32,197	3/4	42,816	3/4	53,435	3/4	64,055	3/4	74,674	3/4	85,294	3/4	95,913
4	1,206	4	11,491	4	21,798	4	32,418	4	43,037	4	53,657	4	64,276	4	74,895	4	85,515	4	96,134
1/4	1,372	1/4	11,712	1/4	22,020	1/4	32,639	1/4	43,258	1/4	53,878	1/4	64,497	1/4	75,117	1/4	85,736	1/4	96,355
1/2	1,538	1/2	11,933	1/2	22,241	1/2	32,860	1/2	43,480	1/2	54,099	1/2	64,718	1/2	75,338	1/2	85,957	1/2	96,577
3/4	1,704	3/4	12,154	3/4	22,462	3/4	33,081	3/4	43,701	3/4	54,320	3/4	64,940	3/4	75,559	3/4	86,179	3/4	96,798
5	1,870	5	12,375	5	22,683	5	33,303	5	43,922	5	54,542	5	65,161	5	75,780	5	86,400	5	97,019
1/4	2,072	1/4	12,597	1/4	22,905	1/4	33,524	1/4	44,143	1/4	54,763	1/4	65,382	1/4	76,002	1/4	86,621	1/4	97,240
1/2	2,274	1/2	12,818	1/2	23,126	1/2	33,745	1/2	44,365	1/2	54,984	1/2	65,603	1/2	76,223	1/2	86,842	1/2	97,462
3/4	2,476	3/4	13,039	3/4	23,347	3/4	33,966	3/4	44,586	3/4	55,205	3/4	65,825	3/4	76,444	3/4	87,063	3/4	97,683
6	2,678	6	13,260	6	23,568	6	34,188	6	44,807	6	55,426	6	66,046	6	76,665	6	87,285	6	97,904
1/4	2,895	1/4	13,474	1/4	23,789	1/4	34,409	1/4	45,028	1/4	55,648	1/4	66,267	1/4	76,887	1/4	87,506	1/4	98,125
1/2	3,112	1/2	13,688	1/2	24,011	1/2	34,630	1/2	45,250	1/2	55,869	1/2	66,488	1/2	77,108	1/2	87,727	1/2	98,347
3/4	3,329	3/4	13,901	3/4	24,232	3/4	34,851	3/4	45,471	3/4	56,090	3/4	66,710	3/4	77,329	3/4	87,948	3/4	98,568
7	3,546	7	14,115	7	24,453	7	35,073	7	45,692	7	56,311	7	66,931	7	77,550	7	88,170	7	98,789
1/4	3,764	1/4	14,328	1/4	24,674	1/4	35,294	1/4	45,913	1/4	56,533	1/4	67,152	1/4	77,771	1/4	88,391	1/4	99,010
1/2	3,983	1/2	14,542	1/2	24,896	1/2	35,515	1/2	46,134	1/2	56,754	1/2	67,373	1/2	77,993	1/2	88,612	1/2	99,231
3/4	4,202	3/4	14,755	3/4	25,117	3/4	35,736	3/4	46,356	3/4	56,975	3/4	67,595	3/4	78,214	3/4	88,833	3/4	99,452
8	4,421	8	14,969	8	25,338	8	35,958	8	46,577	8	57,196	8	67,816	8	78,435	8	89,055	8	99,674
1/4	4,640	1/4	15,182	1/4	25,559	1/4	36,179	1/4	46,798	1/4	57,418	1/4	68,037	1/4	78,656	1/4	89,276	1/4	99,895
1/2	4,860	1/2	15,395	1/2	25,781	1/2	36,400	1/2	47,019	1/2	57,639	1/2	68,258	1/2	78,878	1/2	89,497	1/2	100,116
3/4	5,080	3/4	15,609	3/4	26,002	3/4	36,621	3/4	47,241	3/4	57,860	3/4	68,479	3/4	79,099	3/4	89,718	3/4	100,337
9	5,300	9	15,822	9	26,223	9	36,843	9	47,462	9	58,081	9	68,701	9	79,320	9	89,940	9	100,558
1/4	5,521	1/4	16,036	1/4	26,444	1/4	37,064	1/4	47,683	1/4	58,303	1/4	68,922	1/4	79,541	1/4	90,161	1/4	100,779
1/2	5,741	1/2	16,249	1/2	26,666	1/2	37,285	1/2	47,904	1/2	58,524	1/2	69,143	1/2	79,763	1/2	90,382	1/2	101,001
3/4	5,962	3/4	16,462	3/4	26,887	3/4	37,506	3/4	48,126	3/4	58,745	3/4	69,364	3/4	79,984	3/4	90,603	3/4	101,222
10	6,182	10	16,676	10	27,108	10	37,727	10	48,347	10	58,966	10	69,586	10	80,205	10	90,824	10	101,443
1/4	6,403	1/4	16,889	1/4	27,329	1/4	37,949	1/4	48,568	1/4	59,188	1/4	69,807	1/4	80,426	1/4	91,046	1/4	101,664
1/2	6,624	1/2	17,102	1/2	27,551	1/2	38,170	1/2	48,789	1/2	59,409	1/2	70,028	1/2	80,648	1/2	91,267	1/2	101,885
3/4	6,845	3/4	17,316	3/4	27,772	3/4	38,391	3/4	49,011	3/4	59,630	3/4	70,249	3/4	80,869	3/4	91,488	3/4	102,106
11	7,066	11	17,529	11	27,993	11	38,612	11	49,232	11	59,851	11	70,471	11	81,090	11	91,709	11	102,327
1/4	7,288	1/4	17,743	1/4	28,214	1/4	38,834	1/4	49,453	1/4	60,072	1/4	70,692	1/4	81,311	1/4	91,931	1/4	102,549
1/2	7,509	1/2	17,956	1/2	28,435	1/2	39,055	1/2	49,674	1/2	60,294	1/2	70,913	1/2	81,533	1/2	92,152	1/2	102,770
3/4	7,730	3/4	18,169	3/4	28,657	3/4	39,276	3/4	49,896	3/4	60,515	3/4	71,134	3/4	81,754	3/4	92,373	3/4	102,991

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 1301"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	103,212	0	113,827	0	124,406	0	134,926	0	143,566	0		0		0		0		0	
1/4	103,433	1/4	114,048	1/4	124,625	1/4	135,145	1/4	143,582	1/4		1/4		1/4		1/4		1/4	
1/2	103,654	1/2	114,269	1/2	124,844	1/2	135,364	1/2	143,597	1/2		1/2		1/2		1/2		1/2	
3/4	103,875	3/4	114,490	3/4	125,064	3/4	135,582	3/4	143,612	3/4		3/4		3/4		3/4		3/4	
1	104,097	1	114,712	1	125,283	1	135,801	1	143,628	1		1		1		1		1	
1/4	104,318	1/4	114,933	1/4	125,502	1/4	136,021	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	104,539	1/2	115,154	1/2	125,722	1/2	136,240	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	104,760	3/4	115,375	3/4	125,941	3/4	136,459	3/4		3/4		3/4		3/4		3/4		3/4	
2	104,981	2	115,596	2	126,160	2	136,679	2		2		2		2		2		2	
1/4	105,202	1/4	115,817	1/4	126,380	1/4	136,898	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	105,423	1/2	116,038	1/2	126,599	1/2	137,117	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105,645	3/4	116,260	3/4	126,818	3/4	137,337	3/4		3/4		3/4		3/4		3/4		3/4	
3	105,866	3	116,481	3	127,037	3	137,556	3		3		3		3		3		3	
1/4	106,087	1/4	116,702	1/4	127,257	1/4	137,774	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,308	1/2	116,923	1/2	127,476	1/2	137,992	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,529	3/4	117,144	3/4	127,695	3/4	138,210	3/4		3/4		3/4		3/4		3/4		3/4	
4	106,750	4	117,365	4	127,915	4	138,429	4		4		4		4		4		4	
1/4	106,971	1/4	117,586	1/4	128,134	1/4	138,647	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,193	1/2	117,808	1/2	128,353	1/2	138,865	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,414	3/4	118,029	3/4	128,573	3/4	139,083	3/4		3/4		3/4		3/4		3/4		3/4	
5	107,635	5	118,250	5	128,792	5	139,301	5		5		5		5		5		5	
1/4	107,856	1/4	118,471	1/4	129,011	1/4	139,519	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,077	1/2	118,692	1/2	129,231	1/2	139,738	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,298	3/4	118,913	3/4	129,450	3/4	139,956	3/4		3/4		3/4		3/4		3/4		3/4	
6	108,519	6	119,135	6	129,669	6	140,174	6		6		6		6		6		6	
1/4	108,741	1/4	119,356	1/4	129,889	1/4	140,392	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,962	1/2	119,577	1/2	130,108	1/2	140,610	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,183	3/4	119,798	3/4	130,327	3/4	140,828	3/4		3/4		3/4		3/4		3/4		3/4	
7	109,404	7	120,019	7	130,547	7	141,047	7		7		7		7		7		7	
1/4	109,625	1/4	120,238	1/4	130,766	1/4	141,246	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,846	1/2	120,458	1/2	130,985	1/2	141,446	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,068	3/4	120,677	3/4	131,205	3/4	141,646	3/4		3/4		3/4		3/4		3/4		3/4	
8	110,289	8	120,896	8	131,424	8	141,845	8		8		8		8		8		8	
1/4	110,510	1/4	121,116	1/4	131,643	1/4	142,008	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,731	1/2	121,335	1/2	131,863	1/2	142,171	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,952	3/4	121,554	3/4	132,082	3/4	142,334	3/4		3/4		3/4		3/4		3/4		3/4	
9	111,173	9	121,774	9	132,301	9	142,497	9		9		9		9		9		9	
1/4	111,394	1/4	121,993	1/4	132,520	1/4	142,623	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,616	1/2	122,212	1/2	132,739	1/2	142,749	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,837	3/4	122,432	3/4	132,958	3/4	142,875	3/4		3/4		3/4		3/4		3/4		3/4	
10	112,058	10	122,651	10	133,176	10	143,001	10		10		10		10		10		10	
1/4	112,279	1/4	122,870	1/4	133,395	1/4	143,090	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,500	1/2	123,090	1/2	133,614	1/2	143,179	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,721	3/4	123,309	3/4	133,833	3/4	143,268	3/4		3/4		3/4		3/4		3/4		3/4	
11	112,942	11	123,528	11	134,051	11	143,357	11		11		11		11		11		11	
1/4	113,164	1/4	123,748	1/4	134,270	1/4	143,409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,385	1/2	123,967	1/2	134,489	1/2	143,462	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,606	3/4	124,186	3/4	134,708	3/4	143,514	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW
CALCULATED: 04/03/2008 CL
PRINTED: 04/04/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

PRECISION MEASUREMENT
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BARGE "CBC 1301"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	20,903	0	32,842	0	44,898	0	56,954	0	69,010	0	81,066	0	93,122	0	105,178
1/4	47	1/4	9,275	1/4	21,146	1/4	33,093	1/4	45,149	1/4	57,205	1/4	69,261	1/4	81,317	1/4	93,373	1/4	105,429
1/2	68	1/2	9,526	1/2	21,390	1/2	33,344	1/2	45,400	1/2	57,456	1/2	69,512	1/2	81,568	1/2	93,624	1/2	105,680
3/4	89	3/4	9,777	3/4	21,634	3/4	33,595	3/4	45,651	3/4	57,707	3/4	69,763	3/4	81,819	3/4	93,875	3/4	105,931
1	110	1	10,028	1	21,878	1	33,846	1	45,902	1	57,958	1	70,014	1	82,070	1	94,126	1	106,182
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	70,265	1/4	82,321	1/4	94,377	1/4	106,433
1/2	235	1/2	10,530	1/2	22,365	1/2	34,349	1/2	46,405	1/2	58,461	1/2	70,517	1/2	82,573	1/2	94,629	1/2	106,685
3/4	298	3/4	10,781	3/4	22,609	3/4	34,600	3/4	46,656	3/4	58,712	3/4	70,768	3/4	82,824	3/4	94,880	3/4	106,936
2	361	2	11,033	2	22,853	2	34,851	2	46,907	2	58,963	2	71,019	2	83,075	2	95,131	2	107,187
1/4	466	1/4	11,284	1/4	23,097	1/4	35,102	1/4	47,158	1/4	59,214	1/4	71,270	1/4	83,326	1/4	95,382	1/4	107,438
1/2	570	1/2	11,535	1/2	23,340	1/2	35,353	1/2	47,409	1/2	59,465	1/2	71,521	1/2	83,577	1/2	95,633	1/2	107,689
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	71,772	3/4	83,828	3/4	95,884	3/4	107,940
3	779	3	12,037	3	23,828	3	35,856	3	47,912	3	59,968	3	72,024	3	84,080	3	96,136	3	108,192
1/4	926	1/4	12,288	1/4	24,072	1/4	36,107	1/4	48,163	1/4	60,219	1/4	72,275	1/4	84,331	1/4	96,387	1/4	108,443
1/2	1,072	1/2	12,539	1/2	24,316	1/2	36,358	1/2	48,414	1/2	60,470	1/2	72,526	1/2	84,582	1/2	96,638	1/2	108,694
3/4	1,219	3/4	12,791	3/4	24,560	3/4	36,609	3/4	48,665	3/4	60,721	3/4	72,777	3/4	84,833	3/4	96,889	3/4	108,945
4	1,365	4	13,042	4	24,804	4	36,860	4	48,916	4	60,972	4	73,028	4	85,084	4	97,140	4	109,196
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	73,279	1/4	85,335	1/4	97,391	1/4	109,447
1/2	1,742	1/2	13,544	1/2	25,307	1/2	37,363	1/2	49,419	1/2	61,475	1/2	73,531	1/2	85,587	1/2	97,643	1/2	109,699
3/4	1,931	3/4	13,795	3/4	25,558	3/4	37,614	3/4	49,670	3/4	61,726	3/4	73,782	3/4	85,838	3/4	97,894	3/4	109,950
5	2,119	5	14,046	5	25,809	5	37,865	5	49,921	5	61,977	5	74,033	5	86,089	5	98,145	5	110,201
1/4	2,348	1/4	14,297	1/4	26,060	1/4	38,116	1/4	50,172	1/4	62,228	1/4	74,284	1/4	86,340	1/4	98,396	1/4	110,452
1/2	2,578	1/2	14,548	1/2	26,311	1/2	38,367	1/2	50,423	1/2	62,479	1/2	74,535	1/2	86,591	1/2	98,647	1/2	110,703
3/4	2,808	3/4	14,800	3/4	26,562	3/4	38,618	3/4	50,674	3/4	62,730	3/4	74,786	3/4	86,842	3/4	98,898	3/4	110,954
6	3,037	6	15,051	6	26,814	6	38,870	6	50,926	6	62,982	6	75,038	6	87,094	6	99,150	6	111,206
1/4	3,283	1/4	15,295	1/4	27,065	1/4	39,121	1/4	51,177	1/4	63,233	1/4	75,289	1/4	87,345	1/4	99,401	1/4	111,457
1/2	3,529	1/2	15,539	1/2	27,316	1/2	39,372	1/2	51,428	1/2	63,484	1/2	75,540	1/2	87,596	1/2	99,652	1/2	111,708
3/4	3,776	3/4	15,783	3/4	27,567	3/4	39,623	3/4	51,679	3/4	63,735	3/4	75,791	3/4	87,847	3/4	99,903	3/4	111,959
7	4,022	7	16,027	7	27,818	7	39,874	7	51,930	7	63,986	7	76,042	7	88,098	7	100,154	7	112,210
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	76,293	1/4	88,349	1/4	100,405	1/4	112,461
1/2	4,518	1/2	16,515	1/2	28,321	1/2	40,377	1/2	52,433	1/2	64,489	1/2	76,545	1/2	88,601	1/2	100,657	1/2	112,712
3/4	4,767	3/4	16,758	3/4	28,572	3/4	40,628	3/4	52,684	3/4	64,740	3/4	76,796	3/4	88,852	3/4	100,908	3/4	112,963
8	5,015	8	17,002	8	28,823	8	40,879	8	52,935	8	64,991	8	77,047	8	89,103	8	101,159	8	113,215
1/4	5,265	1/4	17,246	1/4	29,074	1/4	41,130	1/4	53,186	1/4	65,242	1/4	77,298	1/4	89,354	1/4	101,410	1/4	113,466
1/2	5,514	1/2	17,490	1/2	29,325	1/2	41,381	1/2	53,437	1/2	65,493	1/2	77,549	1/2	89,605	1/2	101,661	1/2	113,717
3/4	5,764	3/4	17,733	3/4	29,576	3/4	41,632	3/4	53,688	3/4	65,744	3/4	77,800	3/4	89,856	3/4	101,912	3/4	113,968
9	6,013	9	17,977	9	29,828	9	41,884	9	53,940	9	65,996	9	78,052	9	90,108	9	102,164	9	114,219
1/4	6,264	1/4	18,221	1/4	30,079	1/4	42,135	1/4	54,191	1/4	66,247	1/4	78,303	1/4	90,359	1/4	102,415	1/4	114,470
1/2	6,514	1/2	18,465	1/2	30,330	1/2	42,386	1/2	54,442	1/2	66,498	1/2	78,554	1/2	90,610	1/2	102,666	1/2	114,721
3/4	6,765	3/4	18,709	3/4	30,581	3/4	42,637	3/4	54,693	3/4	66,749	3/4	78,805	3/4	90,861	3/4	102,917	3/4	114,972
10	7,015	10	18,952	10	30,832	10	42,888	10	54,944	10	67,000	10	79,056	10	91,112	10	103,168	10	115,223
1/4	7,266	1/4	19,196	1/4	31,083	1/4	43,139	1/4	55,195	1/4	67,251	1/4	79,307	1/4	91,363	1/4	103,419	1/4	115,474
1/2	7,517	1/2	19,440	1/2	31,335	1/2	43,391	1/2	55,447	1/2	67,503	1/2	79,559	1/2	91,615	1/2	103,671	1/2	115,725
3/4	7,768	3/4	19,684	3/4	31,586	3/4	43,642	3/4	55,698	3/4	67,754	3/4	79,810	3/4	91,866	3/4	103,922	3/4	115,976
11	8,019	11	19,927	11	31,837	11	43,893	11	55,949	11	68,005	11	80,061	11	92,117	11	104,173	11	116,227
1/4	8,270	1/4	20,171	1/4	32,088	1/4	44,144	1/4	56,200	1/4	68,256	1/4	80,312	1/4	92,368	1/4	104,424	1/4	116,478
1/2	8,521	1/2	20,415	1/2	32,339	1/2	44,395	1/2	56,451	1/2	68,507	1/2	80,563	1/2	92,619	1/2	104,675	1/2	116,729
3/4	8,772	3/4	20,659	3/4	32,590	3/4	44,646	3/4	56,702	3/4	68,758	3/4	80,814	3/4	92,870	3/4	104,926	3/4	116,980

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.
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 Pearland, Texas 77588
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BARGE "CBC 1301"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	117,232	0	129,283	0	141,292	0	153,236	0	163,045	0		0		0		0		0	
1/4	117,483	1/4	129,534	1/4	141,541	1/4	153,484	1/4	163,062	1/4		1/4		1/4		1/4		1/4	
1/2	117,734	1/2	129,785	1/2	141,790	1/2	153,733	1/2	163,080	1/2		1/2		1/2		1/2		1/2	
3/4	117,985	3/4	130,036	3/4	142,039	3/4	153,981	3/4	163,097	3/4		3/4		3/4		3/4		3/4	
1	118,236	1	130,287	1	142,288	1	154,229	1	163,115	1		1		1		1		1	
1/4	118,487	1/4	130,538	1/4	142,537	1/4	154,478	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,738	1/2	130,789	1/2	142,786	1/2	154,727	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,989	3/4	131,040	3/4	143,035	3/4	154,976	3/4		3/4		3/4		3/4		3/4		3/4	
2	119,240	2	131,291	2	143,284	2	155,225	2		2		2		2		2		2	
1/4	119,491	1/4	131,542	1/4	143,533	1/4	155,474	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,742	1/2	131,793	1/2	143,782	1/2	155,723	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,993	3/4	132,044	3/4	144,031	3/4	155,972	3/4		3/4		3/4		3/4		3/4		3/4	
3	120,244	3	132,295	3	144,280	3	156,221	3		3		3		3		3		3	
1/4	120,495	1/4	132,546	1/4	144,529	1/4	156,469	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,746	1/2	132,797	1/2	144,778	1/2	156,717	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,998	3/4	133,049	3/4	145,027	3/4	156,964	3/4		3/4		3/4		3/4		3/4		3/4	
4	121,249	4	133,300	4	145,276	4	157,212	4		4		4		4		4		4	
1/4	121,500	1/4	133,551	1/4	145,525	1/4	157,460	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,751	1/2	133,802	1/2	145,774	1/2	157,707	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,002	3/4	134,053	3/4	146,023	3/4	157,955	3/4		3/4		3/4		3/4		3/4		3/4	
5	122,253	5	134,304	5	146,272	5	158,203	5		5		5		5		5		5	
1/4	122,504	1/4	134,555	1/4	146,521	1/4	158,451	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,755	1/2	134,806	1/2	146,770	1/2	158,698	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,006	3/4	135,057	3/4	147,019	3/4	158,946	3/4		3/4		3/4		3/4		3/4		3/4	
6	123,257	6	135,308	6	147,268	6	159,194	6		6		6		6		6		6	
1/4	123,508	1/4	135,559	1/4	147,517	1/4	159,441	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,759	1/2	135,810	1/2	147,766	1/2	159,689	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,010	3/4	136,061	3/4	148,015	3/4	159,937	3/4		3/4		3/4		3/4		3/4		3/4	
7	124,261	7	136,312	7	148,264	7	160,184	7		7		7		7		7		7	
1/4	124,512	1/4	136,561	1/4	148,513	1/4	160,411	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,763	1/2	136,810	1/2	148,762	1/2	160,638	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,015	3/4	137,059	3/4	149,011	3/4	160,865	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,266	8	137,308	8	149,260	8	161,091	8		8		8		8		8		8	
1/4	125,517	1/4	137,557	1/4	149,509	1/4	161,276	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,768	1/2	137,806	1/2	149,758	1/2	161,461	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,019	3/4	138,055	3/4	150,007	3/4	161,646	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,270	9	138,304	9	150,256	9	161,831	9		9		9		9		9		9	
1/4	126,521	1/4	138,553	1/4	150,504	1/4	161,974	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,772	1/2	138,802	1/2	150,753	1/2	162,117	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,023	3/4	139,051	3/4	151,001	3/4	162,260	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,274	10	139,300	10	151,249	10	162,403	10		10		10		10		10		10	
1/4	127,525	1/4	139,549	1/4	151,498	1/4	162,504	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,776	1/2	139,798	1/2	151,746	1/2	162,605	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,027	3/4	140,047	3/4	151,994	3/4	162,706	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,278	11	140,296	11	152,243	11	162,808	11		11		11		11		11		11	
1/4	128,529	1/4	140,545	1/4	152,491	1/4	162,867	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,780	1/2	140,794	1/2	152,739	1/2	162,926	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,032	3/4	141,043	3/4	152,988	3/4	162,986	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW
CALCULATED: 04/03/2008 CL
PRINTED: 04/04/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

PRECISION MEASUREMENT
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BARGE "CBC 1301"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	26	0	8,050	0	18,782	0	29,522	0	40,273	0	51,025	0	61,776	0	72,527	0	83,279	0	94,030
1/4	45	1/4	8,274	1/4	19,005	1/4	29,746	1/4	40,497	1/4	51,249	1/4	62,000	1/4	72,751	1/4	83,503	1/4	94,254
1/2	63	1/2	8,498	1/2	19,228	1/2	29,970	1/2	40,721	1/2	51,473	1/2	62,224	1/2	72,975	1/2	83,727	1/2	94,478
3/4	82	3/4	8,721	3/4	19,452	3/4	30,194	3/4	40,945	3/4	51,697	3/4	62,448	3/4	73,199	3/4	83,951	3/4	94,702
1	101	1	8,945	1	19,675	1	30,418	1	41,169	1	51,921	1	62,672	1	73,423	1	84,175	1	94,926
1 1/4	157	1 1/4	9,169	1 1/4	19,898	1 1/4	30,642	1 1/4	41,393	1 1/4	52,145	1 1/4	62,896	1 1/4	73,647	1 1/4	84,399	1 1/4	95,150
1 1/2	213	1 1/2	9,393	1 1/2	20,121	1 1/2	30,866	1 1/2	41,617	1 1/2	52,369	1 1/2	63,120	1 1/2	73,871	1 1/2	84,623	1 1/2	95,374
3/4	269	3/4	9,617	3/4	20,344	3/4	31,090	3/4	41,841	3/4	52,592	3/4	63,344	3/4	74,095	3/4	84,847	3/4	95,598
2	325	2	9,841	2	20,568	2	31,314	2	42,065	2	52,816	2	63,568	2	74,319	2	85,071	2	95,822
2 1/4	418	2 1/4	10,065	2 1/4	20,791	2 1/4	31,538	2 1/4	42,289	2 1/4	53,040	2 1/4	63,792	2 1/4	74,543	2 1/4	85,294	2 1/4	96,046
1 1/2	511	1 1/2	10,289	1 1/2	21,014	1 1/2	31,762	1 1/2	42,513	1 1/2	53,264	1 1/2	64,016	1 1/2	74,767	1 1/2	85,518	1 1/2	96,270
3/4	605	3/4	10,513	3/4	21,237	3/4	31,986	3/4	42,737	3/4	53,488	3/4	64,240	3/4	74,991	3/4	85,742	3/4	96,494
3	698	3	10,737	3	21,460	3	32,210	3	42,961	3	53,712	3	64,464	3	75,215	3	85,966	3	96,718
3 1/4	829	3 1/4	10,961	3 1/4	21,684	3 1/4	32,434	3 1/4	43,185	3 1/4	53,936	3 1/4	64,688	3 1/4	75,439	3 1/4	86,190	3 1/4	96,942
1 1/2	959	1 1/2	11,185	1 1/2	21,907	1 1/2	32,658	1 1/2	43,409	1 1/2	54,160	1 1/2	64,912	1 1/2	75,663	1 1/2	86,414	1 1/2	97,166
3/4	1,090	3/4	11,409	3/4	22,131	3/4	32,882	3/4	43,633	3/4	54,384	3/4	65,136	3/4	75,887	3/4	86,638	3/4	97,390
4	1,220	4	11,633	4	22,354	4	33,106	4	43,857	4	54,608	4	65,360	4	76,111	4	86,862	4	97,614
4 1/4	1,388	4 1/4	11,857	4 1/4	22,578	4 1/4	33,330	4 1/4	44,081	4 1/4	54,832	4 1/4	65,584	4 1/4	76,335	4 1/4	87,086	4 1/4	97,838
1 1/2	1,556	1 1/2	12,081	1 1/2	22,802	1 1/2	33,554	1 1/2	44,305	1 1/2	55,056	1 1/2	65,808	1 1/2	76,559	1 1/2	87,310	1 1/2	98,062
3/4	1,724	3/4	12,305	3/4	23,026	3/4	33,778	3/4	44,529	3/4	55,280	3/4	66,032	3/4	76,783	3/4	87,534	3/4	98,286
5	1,892	5	12,529	5	23,250	5	34,002	5	44,753	5	55,504	5	66,256	5	77,007	5	87,758	5	98,510
1 1/4	2,097	1 1/4	12,753	1 1/4	23,474	1 1/4	34,226	1 1/4	44,977	1 1/4	55,728	1 1/4	66,480	1 1/4	77,231	1 1/4	87,982	1 1/4	98,734
1 1/2	2,302	1 1/2	12,977	1 1/2	23,698	1 1/2	34,450	1 1/2	45,201	1 1/2	55,952	1 1/2	66,704	1 1/2	77,455	1 1/2	88,206	1 1/2	98,958
3/4	2,506	3/4	13,201	3/4	23,922	3/4	34,674	3/4	45,425	3/4	56,176	3/4	66,928	3/4	77,679	3/4	88,430	3/4	99,182
6	2,711	6	13,425	6	24,146	6	34,898	6	45,649	6	56,400	6	67,152	6	77,903	6	88,654	6	99,406
1 1/4	2,931	1 1/4	13,648	1 1/4	24,370	1 1/4	35,122	1 1/4	45,873	1 1/4	56,624	1 1/4	67,376	1 1/4	78,127	1 1/4	88,878	1 1/4	99,630
1 1/2	3,150	1 1/2	13,872	1 1/2	24,594	1 1/2	35,346	1 1/2	46,097	1 1/2	56,848	1 1/2	67,600	1 1/2	78,351	1 1/2	89,102	1 1/2	99,854
3/4	3,370	3/4	14,095	3/4	24,818	3/4	35,570	3/4	46,321	3/4	57,072	3/4	67,824	3/4	78,575	3/4	89,326	3/4	100,078
7	3,589	7	14,319	7	25,042	7	35,794	7	46,545	7	57,296	7	68,048	7	78,799	7	89,550	7	100,302
1 1/4	3,811	1 1/4	14,542	1 1/4	25,266	1 1/4	36,018	1 1/4	46,769	1 1/4	57,520	1 1/4	68,272	1 1/4	79,023	1 1/4	89,774	1 1/4	100,526
1 1/2	4,032	1 1/2	14,765	1 1/2	25,490	1 1/2	36,241	1 1/2	46,993	1 1/2	57,744	1 1/2	68,496	1 1/2	79,247	1 1/2	89,998	1 1/2	100,750
3/4	4,254	3/4	14,988	3/4	25,714	3/4	36,465	3/4	47,217	3/4	57,968	3/4	68,720	3/4	79,471	3/4	90,222	3/4	100,974
8	4,475	8	15,211	8	25,938	8	36,689	8	47,441	8	58,192	8	68,943	8	79,695	8	90,446	8	101,197
1 1/4	4,698	1 1/4	15,434	1 1/4	26,162	1 1/4	36,913	1 1/4	47,665	1 1/4	58,416	1 1/4	69,167	1 1/4	79,919	1 1/4	90,670	1 1/4	101,421
1 1/2	4,920	1 1/2	15,658	1 1/2	26,386	1 1/2	37,137	1 1/2	47,889	1 1/2	58,640	1 1/2	69,391	1 1/2	80,143	1 1/2	90,894	1 1/2	101,645
3/4	5,143	3/4	15,881	3/4	26,610	3/4	37,361	3/4	48,113	3/4	58,864	3/4	69,615	3/4	80,367	3/4	91,118	3/4	101,869
9	5,365	9	16,104	9	26,834	9	37,585	9	48,337	9	59,088	9	69,839	9	80,591	9	91,342	9	102,093
1 1/4	5,589	1 1/4	16,327	1 1/4	27,058	1 1/4	37,809	1 1/4	48,561	1 1/4	59,312	1 1/4	70,063	1 1/4	80,815	1 1/4	91,566	1 1/4	102,317
1 1/2	5,812	1 1/2	16,550	1 1/2	27,282	1 1/2	38,033	1 1/2	48,785	1 1/2	59,536	1 1/2	70,287	1 1/2	81,039	1 1/2	91,790	1 1/2	102,541
3/4	6,035	3/4	16,774	3/4	27,506	3/4	38,257	3/4	49,009	3/4	59,760	3/4	70,511	3/4	81,263	3/4	92,014	3/4	102,765
10	6,259	10	16,997	10	27,730	10	38,481	10	49,233	10	59,984	10	70,735	10	81,487	10	92,238	10	102,989
1 1/4	6,482	1 1/4	17,220	1 1/4	27,954	1 1/4	38,705	1 1/4	49,457	1 1/4	60,208	1 1/4	70,959	1 1/4	81,711	1 1/4	92,462	1 1/4	103,213
1 1/2	6,706	1 1/2	17,443	1 1/2	28,178	1 1/2	38,929	1 1/2	49,681	1 1/2	60,432	1 1/2	71,183	1 1/2	81,935	1 1/2	92,686	1 1/2	103,437
3/4	6,930	3/4	17,666	3/4	28,402	3/4	39,153	3/4	49,905	3/4	60,656	3/4	71,407	3/4	82,159	3/4	92,910	3/4	103,661
11	7,154	11	17,889	11	28,626	11	39,377	11	50,129	11	60,880	11	71,631	11	82,383	11	93,134	11	103,885
1 1/4	7,378	1 1/4	18,113	1 1/4	28,850	1 1/4	39,601	1 1/4	50,353	1 1/4	61,104	1 1/4	71,855	1 1/4	82,607	1 1/4	93,358	1 1/4	104,109
1 1/2	7,602	1 1/2	18,336	1 1/2	29,074	1 1/2	39,825	1 1/2	50,577	1 1/2	61,328	1 1/2	72,079	1 1/2	82,831	1 1/2	93,582	1 1/2	104,333
3/4	7,826	3/4	18,559	3/4	29,298	3/4	40,049	3/4	50,801	3/4	61,552	3/4	72,303	3/4	83,055	3/4	93,806	3/4	104,557

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 1301"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,781	0	115,532	0	126,245	0	136,899	0	145,648	0		0		0		0		0	
1/4	105,005	1/4	115,756	1/4	126,468	1/4	137,120	1/4	145,664	1/4		1/4		1/4		1/4		1/4	
1/2	105,229	1/2	115,980	1/2	126,690	1/2	137,342	1/2	145,679	1/2		1/2		1/2		1/2		1/2	
3/4	105,453	3/4	116,204	3/4	126,912	3/4	137,563	3/4	145,695	3/4		3/4		3/4		3/4		3/4	
1	105,677	1	116,428	1	127,134	1	137,785	1	145,711	1		1		1		1		1	
1/4	105,901	1/4	116,652	1/4	127,356	1/4	138,007	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,125	1/2	116,876	1/2	127,578	1/2	138,229	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,349	3/4	117,100	3/4	127,800	3/4	138,451	3/4		3/4		3/4		3/4		3/4		3/4	
2	106,573	2	117,324	2	128,022	2	138,673	2		2		2		2		2		2	
1/4	106,797	1/4	117,548	1/4	128,244	1/4	138,895	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,021	1/2	117,772	1/2	128,466	1/2	139,117	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,245	3/4	117,996	3/4	128,689	3/4	139,340	3/4		3/4		3/4		3/4		3/4		3/4	
3	107,469	3	118,220	3	128,911	3	139,562	3		3		3		3		3		3	
1/4	107,693	1/4	118,444	1/4	129,133	1/4	139,783	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,917	1/2	118,668	1/2	129,355	1/2	140,003	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,141	3/4	118,892	3/4	129,577	3/4	140,224	3/4		3/4		3/4		3/4		3/4		3/4	
4	108,365	4	119,116	4	129,799	4	140,445	4		4		4		4		4		4	
1/4	108,589	1/4	119,340	1/4	130,021	1/4	140,666	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,813	1/2	119,564	1/2	130,243	1/2	140,887	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,037	3/4	119,788	3/4	130,465	3/4	141,108	3/4		3/4		3/4		3/4		3/4		3/4	
5	109,261	5	120,012	5	130,687	5	141,329	5		5		5		5		5		5	
1/4	109,485	1/4	120,236	1/4	130,909	1/4	141,550	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,709	1/2	120,460	1/2	131,132	1/2	141,771	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,933	3/4	120,684	3/4	131,354	3/4	141,992	3/4		3/4		3/4		3/4		3/4		3/4	
6	110,157	6	120,908	6	131,576	6	142,213	6		6		6		6		6		6	
1/4	110,381	1/4	121,132	1/4	131,798	1/4	142,434	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,605	1/2	121,356	1/2	132,020	1/2	142,655	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,829	3/4	121,580	3/4	132,242	3/4	142,875	3/4		3/4		3/4		3/4		3/4		3/4	
7	111,053	7	121,804	7	132,464	7	143,096	7		7		7		7		7		7	
1/4	111,277	1/4	122,026	1/4	132,686	1/4	143,299	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,501	1/2	122,248	1/2	132,908	1/2	143,501	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,725	3/4	122,470	3/4	133,130	3/4	143,703	3/4		3/4		3/4		3/4		3/4		3/4	
8	111,949	8	122,692	8	133,352	8	143,905	8		8		8		8		8		8	
1/4	112,173	1/4	122,914	1/4	133,575	1/4	144,070	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,396	1/2	123,136	1/2	133,797	1/2	144,235	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,620	3/4	123,358	3/4	134,019	3/4	144,400	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,844	9	123,580	9	134,241	9	144,565	9		9		9		9		9		9	
1/4	113,068	1/4	123,802	1/4	134,462	1/4	144,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,292	1/2	124,025	1/2	134,684	1/2	144,820	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,516	3/4	124,247	3/4	134,905	3/4	144,948	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,740	10	124,469	10	135,127	10	145,076	10		10		10		10		10		10	
1/4	113,964	1/4	124,691	1/4	135,348	1/4	145,166	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,188	1/2	124,913	1/2	135,570	1/2	145,256	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,412	3/4	125,135	3/4	135,791	3/4	145,346	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,636	11	125,357	11	136,013	11	145,437	11		11		11		11		11		11	
1/4	114,860	1/4	125,579	1/4	136,234	1/4	145,489	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,084	1/2	125,801	1/2	136,456	1/2	145,542	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,308	3/4	126,023	3/4	136,677	3/4	145,595	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW
CALCULATED: 04/03/2008 CL
PRINTED: 04/04/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

PRECISION MEASUREMENT
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BARGE "CBC 1301"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 159'-09"

April 4, 2008

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588

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BARGE "CBC 1301"

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	143,409	0	134,270	0	123,748	0	113,164	0	102,549	0	91,931	0	81,311	0	70,692	0	60,072
1/4		1/4	143,357	1/4	134,051	1/4	123,528	1/4	112,942	1/4	102,327	1/4	91,709	1/4	81,090	1/4	70,471	1/4	59,851
1/2		1/2	143,268	1/2	133,833	1/2	123,309	1/2	112,721	1/2	102,106	1/2	91,488	1/2	80,869	1/2	70,249	1/2	59,630
3/4		3/4	143,179	3/4	133,614	3/4	123,090	3/4	112,500	3/4	101,885	3/4	91,267	3/4	80,648	3/4	70,028	3/4	59,409
1		1	143,090	1	133,395	1	122,870	1	112,279	1	101,664	1	91,046	1	80,426	1	69,807	1	59,188
1/4		1/4	143,001	1/4	133,176	1/4	122,651	1/4	112,058	1/4	101,443	1/4	90,824	1/4	80,205	1/4	69,586	1/4	58,966
1/2		1/2	142,875	1/2	132,958	1/2	122,432	1/2	111,837	1/2	101,222	1/2	90,603	1/2	79,984	1/2	69,364	1/2	58,745
3/4		3/4	142,749	3/4	132,739	3/4	122,212	3/4	111,616	3/4	101,001	3/4	90,382	3/4	79,763	3/4	69,143	3/4	58,524
2		2	142,623	2	132,520	2	121,993	2	111,394	2	100,779	2	90,161	2	79,541	2	68,922	2	58,303
1/4		1/4	142,497	1/4	132,301	1/4	121,774	1/4	111,173	1/4	100,558	1/4	89,940	1/4	79,320	1/4	68,701	1/4	58,081
1/2		1/2	142,334	1/2	132,082	1/2	121,554	1/2	110,952	1/2	100,337	1/2	89,718	1/2	79,099	1/2	68,479	1/2	57,860
3/4		3/4	142,171	3/4	131,863	3/4	121,335	3/4	110,731	3/4	100,116	3/4	89,497	3/4	78,878	3/4	68,258	3/4	57,639
3		3	142,008	3	131,643	3	121,116	3	110,510	3	99,895	3	89,276	3	78,656	3	68,037	3	57,418
1/4		1/4	141,845	1/4	131,424	1/4	120,896	1/4	110,289	1/4	99,674	1/4	89,055	1/4	78,435	1/4	67,816	1/4	57,196
1/2		1/2	141,646	1/2	131,205	1/2	120,677	1/2	110,068	1/2	99,452	1/2	88,833	1/2	78,214	1/2	67,595	1/2	56,975
3/4		3/4	141,446	3/4	130,985	3/4	120,458	3/4	109,846	3/4	99,231	3/4	88,612	3/4	77,993	3/4	67,373	3/4	56,754
4		4	141,246	4	130,766	4	120,238	4	109,625	4	99,010	4	88,391	4	77,771	4	67,152	4	56,533
1/4		1/4	141,047	1/4	130,547	1/4	120,019	1/4	109,404	1/4	98,789	1/4	88,170	1/4	77,550	1/4	66,931	1/4	56,311
1/2		1/2	140,828	1/2	130,327	1/2	119,798	1/2	109,183	1/2	98,568	1/2	87,948	1/2	77,329	1/2	66,710	1/2	56,090
3/4		3/4	140,610	3/4	130,108	3/4	119,577	3/4	108,962	3/4	98,347	3/4	87,727	3/4	77,108	3/4	66,488	3/4	55,869
5		5	140,392	5	129,889	5	119,356	5	108,741	5	98,125	5	87,506	5	76,887	5	66,267	5	55,648
1/4		1/4	140,174	1/4	129,669	1/4	119,135	1/4	108,519	1/4	97,904	1/4	87,285	1/4	76,665	1/4	66,046	1/4	55,426
1/2		1/2	139,956	1/2	129,450	1/2	118,913	1/2	108,298	1/2	97,683	1/2	87,063	1/2	76,444	1/2	65,825	1/2	55,205
3/4		3/4	139,738	3/4	129,231	3/4	118,692	3/4	108,077	3/4	97,462	3/4	86,842	3/4	76,223	3/4	65,603	3/4	54,984
6		6	139,519	6	129,011	6	118,471	6	107,856	6	97,240	6	86,621	6	76,002	6	65,382	6	54,763
1/4		1/4	139,301	1/4	128,792	1/4	118,250	1/4	107,635	1/4	97,019	1/4	86,400	1/4	75,780	1/4	65,161	1/4	54,542
1/2		1/2	139,083	1/2	128,573	1/2	118,029	1/2	107,414	1/2	96,798	1/2	86,179	1/2	75,559	1/2	64,940	1/2	54,320
3/4		3/4	138,865	3/4	128,353	3/4	117,808	3/4	107,193	3/4	96,577	3/4	85,957	3/4	75,338	3/4	64,718	3/4	54,099
7		7	138,647	7	128,134	7	117,586	7	106,971	7	96,355	7	85,736	7	75,117	7	64,497	7	53,878
1/4		1/4	138,429	1/4	127,915	1/4	117,365	1/4	106,750	1/4	96,134	1/4	85,515	1/4	74,895	1/4	64,276	1/4	53,657
1/2		1/2	138,210	1/2	127,695	1/2	117,144	1/2	106,529	1/2	95,913	1/2	85,294	1/2	74,674	1/2	64,055	1/2	53,435
3/4		3/4	137,992	3/4	127,476	3/4	116,923	3/4	106,308	3/4	95,692	3/4	85,072	3/4	74,453	3/4	63,834	3/4	53,214
8		8	137,774	8	127,257	8	116,702	8	106,087	8	95,470	8	84,851	8	74,232	8	63,612	8	52,993
1/4		1/4	137,556	1/4	127,037	1/4	116,481	1/4	105,866	1/4	95,249	1/4	84,630	1/4	74,010	1/4	63,391	1/4	52,772
1/2		1/2	137,337	1/2	126,818	1/2	116,260	1/2	105,645	1/2	95,028	1/2	84,409	1/2	73,789	1/2	63,170	1/2	52,550
3/4		3/4	137,117	3/4	126,599	3/4	116,038	3/4	105,423	3/4	94,807	3/4	84,187	3/4	73,568	3/4	62,949	3/4	52,329
9		9	136,898	9	126,380	9	115,817	9	105,202	9	94,586	9	83,966	9	73,347	9	62,727	9	52,108
1/4		1/4	136,679	1/4	126,160	1/4	115,596	1/4	104,981	1/4	94,364	1/4	83,745	1/4	73,125	1/4	62,506	1/4	51,887
1/2		1/2	136,459	1/2	125,941	1/2	115,375	1/2	104,760	1/2	94,143	1/2	83,524	1/2	72,904	1/2	62,285	1/2	51,665
3/4		3/4	136,240	3/4	125,722	3/4	115,154	3/4	104,539	3/4	93,922	3/4	83,302	3/4	72,683	3/4	62,064	3/4	51,444
10		10	136,021	10	125,502	10	114,933	10	104,318	10	93,701	10	83,081	10	72,462	10	61,842	10	51,223
1/4	143,628	1/4	135,801	1/4	125,283	1/4	114,712	1/4	104,097	1/4	93,479	1/4	82,860	1/4	72,241	1/4	61,621	1/4	51,002
1/2	143,612	1/2	135,582	1/2	125,064	1/2	114,490	1/2	103,875	1/2	93,258	1/2	82,639	1/2	72,019	1/2	61,400	1/2	50,780
3/4	143,597	3/4	135,364	3/4	124,844	3/4	114,269	3/4	103,654	3/4	93,037	3/4	82,417	3/4	71,798	3/4	61,179	3/4	50,559
11	143,582	11	135,145	11	124,625	11	114,048	11	103,433	11	92,816	11	82,196	11	71,577	11	60,957	11	50,338
1/4	143,566	1/4	134,926	1/4	124,406	1/4	113,827	1/4	103,212	1/4	92,594	1/4	81,975	1/4	71,356	1/4	60,736	1/4	50,117
1/2	143,514	1/2	134,708	1/2	124,186	1/2	113,606	1/2	102,991	1/2	92,373	1/2	81,754	1/2	71,134	1/2	60,515	1/2	49,896
3/4	143,462	3/4	134,489	3/4	123,967	3/4	113,385	3/4	102,770	3/4	92,152	3/4	81,533	3/4	70,913	3/4	60,294	3/4	49,674

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 1301"

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	49,453	0	38,834	0	28,214	0	17,743	0	7,288	0		0		0		0		0	
1/4	49,232	1/4	38,612	1/4	27,993	1/4	17,529	1/4	7,066	1/4		1/4		1/4		1/4		1/4	
1/2	49,011	1/2	38,391	1/2	27,772	1/2	17,316	1/2	6,845	1/2		1/2		1/2		1/2		1/2	
3/4	48,789	3/4	38,170	3/4	27,551	3/4	17,102	3/4	6,624	3/4		3/4		3/4		3/4		3/4	
1	48,568	1	37,949	1	27,329	1	16,889	1	6,403	1	1	1	1	1	1	1	1	1	1
1/4	48,347	1/4	37,727	1/4	27,108	1/4	16,676	1/4	6,182	1/4		1/4		1/4		1/4		1/4	
1/2	48,126	1/2	37,506	1/2	26,887	1/2	16,462	1/2	5,962	1/2		1/2		1/2		1/2		1/2	
3/4	47,904	3/4	37,285	3/4	26,666	3/4	16,249	3/4	5,741	3/4		3/4		3/4		3/4		3/4	
2	47,683	2	37,064	2	26,444	2	16,036	2	5,521	2	2	2	2	2	2	2	2	2	2
1/4	47,462	1/4	36,843	1/4	26,223	1/4	15,822	1/4	5,300	1/4		1/4		1/4		1/4		1/4	
1/2	47,241	1/2	36,621	1/2	26,002	1/2	15,609	1/2	5,080	1/2		1/2		1/2		1/2		1/2	
3/4	47,019	3/4	36,400	3/4	25,781	3/4	15,395	3/4	4,860	3/4		3/4		3/4		3/4		3/4	
3	46,798	3	36,179	3	25,559	3	15,182	3	4,640	3	3	3	3	3	3	3	3	3	3
1/4	46,577	1/4	35,958	1/4	25,338	1/4	14,969	1/4	4,421	1/4		1/4		1/4		1/4		1/4	
1/2	46,356	1/2	35,736	1/2	25,117	1/2	14,755	1/2	4,202	1/2		1/2		1/2		1/2		1/2	
3/4	46,134	3/4	35,515	3/4	24,896	3/4	14,542	3/4	3,983	3/4		3/4		3/4		3/4		3/4	
4	45,913	4	35,294	4	24,674	4	14,328	4	3,764	4	4	4	4	4	4	4	4	4	4
1/4	45,692	1/4	35,073	1/4	24,453	1/4	14,115	1/4	3,546	1/4		1/4		1/4		1/4		1/4	
1/2	45,471	1/2	34,851	1/2	24,232	1/2	13,901	1/2	3,329	1/2		1/2		1/2		1/2		1/2	
3/4	45,250	3/4	34,630	3/4	24,011	3/4	13,688	3/4	3,112	3/4		3/4		3/4		3/4		3/4	
5	45,028	5	34,409	5	23,789	5	13,474	5	2,895	5	5	5	5	5	5	5	5	5	5
1/4	44,807	1/4	34,188	1/4	23,568	1/4	13,260	1/4	2,678	1/4		1/4		1/4		1/4		1/4	
1/2	44,586	1/2	33,966	1/2	23,347	1/2	13,039	1/2	2,476	1/2		1/2		1/2		1/2		1/2	
3/4	44,365	3/4	33,745	3/4	23,126	3/4	12,818	3/4	2,274	3/4		3/4		3/4		3/4		3/4	
6	44,143	6	33,524	6	22,905	6	12,597	6	2,072	6	6	6	6	6	6	6	6	6	6
1/4	43,922	1/4	33,303	1/4	22,683	1/4	12,375	1/4	1,870	1/4		1/4		1/4		1/4		1/4	
1/2	43,701	1/2	33,081	1/2	22,462	1/2	12,154	1/2	1,704	1/2		1/2		1/2		1/2		1/2	
3/4	43,480	3/4	32,860	3/4	22,241	3/4	11,933	3/4	1,538	3/4		3/4		3/4		3/4		3/4	
7	43,258	7	32,639	7	22,020	7	11,712	7	1,372	7	7	7	7	7	7	7	7	7	7
1/4	43,037	1/4	32,418	1/4	21,798	1/4	11,491	1/4	1,206	1/4		1/4		1/4		1/4		1/4	
1/2	42,816	1/2	32,197	1/2	21,585	1/2	11,269	1/2	1,077	1/2		1/2		1/2		1/2		1/2	
3/4	42,595	3/4	31,975	3/4	21,371	3/4	11,048	3/4	948	3/4		3/4		3/4		3/4		3/4	
8	42,373	8	31,754	8	21,157	8	10,827	8	819	8	8	8	8	8	8	8	8	8	8
1/4	42,152	1/4	31,533	1/4	20,943	1/4	10,606	1/4	690	1/4		1/4		1/4		1/4		1/4	
1/2	41,931	1/2	31,312	1/2	20,730	1/2	10,385	1/2	598	1/2		1/2		1/2		1/2		1/2	
3/4	41,710	3/4	31,090	3/4	20,517	3/4	10,163	3/4	505	3/4		3/4		3/4		3/4		3/4	
9	41,488	9	30,869	9	20,303	9	9,942	9	413	9	9	9	9	9	9	9	9	9	9
1/4	41,267	1/4	30,648	1/4	20,090	1/4	9,721	1/4	321	1/4		1/4		1/4		1/4		1/4	
1/2	41,046	1/2	30,427	1/2	19,877	1/2	9,500	1/2	266	1/2		1/2		1/2		1/2		1/2	
3/4	40,825	3/4	30,205	3/4	19,663	3/4	9,279	3/4	211	3/4		3/4		3/4		3/4		3/4	
10	40,604	10	29,984	10	19,450	10	9,057	10	155	10	10	10	10	10	10	10	10	10	10
1/4	40,382	1/4	29,763	1/4	19,236	1/4	8,836	1/4	100	1/4		1/4		1/4		1/4		1/4	
1/2	40,161	1/2	29,542	1/2	19,023	1/2	8,615	1/2	82	1/2		1/2		1/2		1/2		1/2	
3/4	39,940	3/4	29,320	3/4	18,810	3/4	8,394	3/4	63	3/4		3/4		3/4		3/4		3/4	
11	39,719	11	29,099	11	18,596	11	8,172	11	45	11	11	11	11	11	11	11	11	11	11
1/4	39,497	1/4	28,878	1/4	18,383	1/4	7,951	1/4	26	1/4		1/4		1/4		1/4		1/4	
1/2	39,276	1/2	28,657	1/2	18,169	1/2	7,730	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,055	3/4	28,435	3/4	17,956	3/4	7,509	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW
CALCULATED: 04/03/2008 CL
PRINTED: 04/04/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

PRECISION MEASUREMENT
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BARGE "CBC 1301"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	162,808	0	152,243	0	140,296	0	128,278	0	116,227	0	104,173	0	92,117	0	80,061	0	68,005
1/4		1/4	162,706	1/4	151,994	1/4	140,047	1/4	128,027	1/4	115,976	1/4	103,922	1/4	91,866	1/4	79,810	1/4	67,754
1/2		1/2	162,605	1/2	151,746	1/2	139,798	1/2	127,776	1/2	115,725	1/2	103,671	1/2	91,615	1/2	79,559	1/2	67,503
3/4		3/4	162,504	3/4	151,498	3/4	139,549	3/4	127,525	3/4	115,474	3/4	103,419	3/4	91,363	3/4	79,307	3/4	67,251
1		1	162,403	1	151,249	1	139,300	1	127,274	1	115,223	1	103,168	1	91,112	1	79,056	1	67,000
1/4		1/4	162,260	1/4	151,001	1/4	139,051	1/4	127,023	1/4	114,972	1/4	102,917	1/4	90,861	1/4	78,805	1/4	66,749
1/2		1/2	162,117	1/2	150,753	1/2	138,802	1/2	126,772	1/2	114,721	1/2	102,666	1/2	90,610	1/2	78,554	1/2	66,498
3/4		3/4	161,974	3/4	150,504	3/4	138,553	3/4	126,521	3/4	114,470	3/4	102,415	3/4	90,359	3/4	78,303	3/4	66,247
2		2	161,831	2	150,256	2	138,304	2	126,270	2	114,219	2	102,164	2	90,108	2	78,052	2	65,996
1/4		1/4	161,646	1/4	150,007	1/4	138,055	1/4	126,019	1/4	113,968	1/4	101,914	1/4	89,856	1/4	77,800	1/4	65,744
1/2		1/2	161,461	1/2	149,758	1/2	137,806	1/2	125,768	1/2	113,717	1/2	101,661	1/2	89,605	1/2	77,549	1/2	65,493
3/4		3/4	161,276	3/4	149,509	3/4	137,557	3/4	125,517	3/4	113,466	3/4	101,410	3/4	89,354	3/4	77,298	3/4	65,242
3		3	161,091	3	149,260	3	137,308	3	125,266	3	113,215	3	101,159	3	89,103	3	77,047	3	64,991
1/4		1/4	160,865	1/4	149,011	1/4	137,059	1/4	125,015	1/4	112,963	1/4	100,908	1/4	88,852	1/4	76,796	1/4	64,740
1/2		1/2	160,638	1/2	148,762	1/2	136,810	1/2	124,763	1/2	112,712	1/2	100,657	1/2	88,601	1/2	76,545	1/2	64,489
3/4		3/4	160,411	3/4	148,513	3/4	136,561	3/4	124,512	3/4	112,461	3/4	100,405	3/4	88,349	3/4	76,293	3/4	64,237
4		4	160,184	4	148,264	4	136,312	4	124,261	4	112,210	4	100,154	4	88,098	4	76,042	4	63,986
1/4		1/4	159,937	1/4	148,015	1/4	136,061	1/4	124,010	1/4	111,959	1/4	99,903	1/4	87,847	1/4	75,791	1/4	63,735
1/2		1/2	159,689	1/2	147,766	1/2	135,810	1/2	123,759	1/2	111,708	1/2	99,652	1/2	87,596	1/2	75,540	1/2	63,484
3/4		3/4	159,441	3/4	147,517	3/4	135,559	3/4	123,508	3/4	111,457	3/4	99,401	3/4	87,345	3/4	75,289	3/4	63,233
5		5	159,194	5	147,268	5	135,308	5	123,257	5	111,206	5	99,150	5	87,094	5	75,038	5	62,982
1/4		1/4	158,946	1/4	147,019	1/4	135,057	1/4	123,006	1/4	110,954	1/4	98,898	1/4	86,842	1/4	74,786	1/4	62,730
1/2		1/2	158,698	1/2	146,770	1/2	134,806	1/2	122,755	1/2	110,703	1/2	98,647	1/2	86,591	1/2	74,535	1/2	62,479
3/4		3/4	158,451	3/4	146,521	3/4	134,555	3/4	122,504	3/4	110,452	3/4	98,396	3/4	86,340	3/4	74,284	3/4	62,228
6		6	158,203	6	146,272	6	134,304	6	122,253	6	110,201	6	98,145	6	86,089	6	74,033	6	61,977
1/4		1/4	157,955	1/4	146,023	1/4	134,053	1/4	122,002	1/4	109,950	1/4	97,894	1/4	85,838	1/4	73,782	1/4	61,726
1/2		1/2	157,707	1/2	145,774	1/2	133,802	1/2	121,751	1/2	109,699	1/2	97,643	1/2	85,587	1/2	73,531	1/2	61,475
3/4		3/4	157,460	3/4	145,525	3/4	133,551	3/4	121,500	3/4	109,447	3/4	97,391	3/4	85,335	3/4	73,279	3/4	61,223
7		7	157,212	7	145,276	7	133,300	7	121,249	7	109,196	7	97,140	7	85,084	7	73,028	7	60,972
1/4		1/4	156,964	1/4	145,027	1/4	133,049	1/4	120,998	1/4	108,945	1/4	96,889	1/4	84,833	1/4	72,777	1/4	60,721
1/2		1/2	156,717	1/2	144,778	1/2	132,797	1/2	120,746	1/2	108,694	1/2	96,638	1/2	84,582	1/2	72,526	1/2	60,470
3/4		3/4	156,469	3/4	144,529	3/4	132,546	3/4	120,495	3/4	108,443	3/4	96,387	3/4	84,331	3/4	72,275	3/4	60,219
8		8	156,221	8	144,280	8	132,295	8	120,244	8	108,192	8	96,136	8	84,080	8	72,024	8	59,968
1/4		1/4	155,972	1/4	144,031	1/4	132,044	1/4	119,993	1/4	107,940	1/4	95,884	1/4	83,828	1/4	71,772	1/4	59,716
1/2		1/2	155,723	1/2	143,782	1/2	131,793	1/2	119,742	1/2	107,689	1/2	95,633	1/2	83,577	1/2	71,521	1/2	59,465
3/4		3/4	155,474	3/4	143,533	3/4	131,542	3/4	119,491	3/4	107,438	3/4	95,382	3/4	83,326	3/4	71,270	3/4	59,214
9		9	155,225	9	143,284	9	131,291	9	119,240	9	107,187	9	95,131	9	83,075	9	71,019	9	58,963
1/4		1/4	154,976	1/4	143,035	1/4	131,040	1/4	118,989	1/4	106,936	1/4	94,880	1/4	82,824	1/4	70,768	1/4	58,712
1/2		1/2	154,727	1/2	142,786	1/2	130,789	1/2	118,738	1/2	106,685	1/2	94,629	1/2	82,573	1/2	70,517	1/2	58,461
3/4		3/4	154,478	3/4	142,537	3/4	130,538	3/4	118,487	3/4	106,433	3/4	94,377	3/4	82,321	3/4	70,265	3/4	58,209
10	163,115	10	154,229	10	142,288	10	130,287	10	118,236	10	106,182	10	94,126	10	82,070	10	70,014	10	57,958
1/4	163,097	1/4	153,981	1/4	142,039	1/4	130,036	1/4	117,985	1/4	105,931	1/4	93,875	1/4	81,819	1/4	69,763	1/4	57,707
1/2	163,080	1/2	153,733	1/2	141,790	1/2	129,785	1/2	117,734	1/2	105,680	1/2	93,624	1/2	81,568	1/2	69,512	1/2	57,456
3/4	163,062	3/4	153,484	3/4	141,541	3/4	129,534	3/4	117,483	3/4	105,429	3/4	93,373	3/4	81,317	3/4	69,261	3/4	57,205
11	163,045	11	153,236	11	141,292	11	129,283	11	117,232	11	105,178	11	93,122	11	81,066	11	69,010	11	56,954
1/4	162,986	1/4	152,988	1/4	141,043	1/4	129,032	1/4	116,980	1/4	104,926	1/4	92,870	1/4	80,814	1/4	68,758	1/4	56,702
1/2	162,926	1/2	152,739	1/2	140,794	1/2	128,780	1/2	116,729	1/2	104,675	1/2	92,619	1/2	80,563	1/2	68,507	1/2	56,451
3/4	162,867	3/4	152,491	3/4	140,545	3/4	128,529	3/4	116,478	3/4	104,424	3/4	92,368	3/4	80,312	3/4	68,256	3/4	56,200

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.
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 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 1301"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	55,949	0	43,893	0	31,837	0	19,927	0	8,019	0		0		0		0		0	
1/4	55,698	1/4	43,642	1/4	31,586	1/4	19,684	1/4	7,768	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,447	1/2	43,391	1/2	31,335	1/2	19,440	1/2	7,517	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,195	3/4	43,139	3/4	31,083	3/4	19,196	3/4	7,266	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	54,944	1	42,888	1	30,832	1	18,952	1	7,015	1	1	1	1	1	1	1	1	1	1
1/4	54,693	1/4	42,637	1/4	30,581	1/4	18,709	1/4	6,765	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,442	1/2	42,386	1/2	30,330	1/2	18,465	1/2	6,514	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,191	3/4	42,135	3/4	30,079	3/4	18,221	3/4	6,264	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	53,940	2	41,884	2	29,828	2	17,977	2	6,013	2	2	2	2	2	2	2	2	2	2
1/4	53,688	1/4	41,632	1/4	29,576	1/4	17,733	1/4	5,764	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,437	1/2	41,381	1/2	29,325	1/2	17,490	1/2	5,514	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,186	3/4	41,130	3/4	29,074	3/4	17,246	3/4	5,265	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	52,935	3	40,879	3	28,823	3	17,002	3	5,015	3	3	3	3	3	3	3	3	3	3
1/4	52,684	1/4	40,628	1/4	28,572	1/4	16,758	1/4	4,767	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,433	1/2	40,377	1/2	28,321	1/2	16,515	1/2	4,518	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,181	3/4	40,125	3/4	28,069	3/4	16,271	3/4	4,270	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	51,930	4	39,874	4	27,818	4	16,027	4	4,022	4	4	4	4	4	4	4	4	4	4
1/4	51,679	1/4	39,623	1/4	27,567	1/4	15,783	1/4	3,776	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,428	1/2	39,372	1/2	27,316	1/2	15,539	1/2	3,529	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,177	3/4	39,121	3/4	27,065	3/4	15,295	3/4	3,283	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	50,926	5	38,870	5	26,814	5	15,051	5	3,037	5	5	5	5	5	5	5	5	5	5
1/4	50,674	1/4	38,618	1/4	26,562	1/4	14,800	1/4	2,808	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,423	1/2	38,367	1/2	26,311	1/2	14,548	1/2	2,578	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,172	3/4	38,116	3/4	26,060	3/4	14,297	3/4	2,348	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	49,921	6	37,865	6	25,809	6	14,046	6	2,119	6	6	6	6	6	6	6	6	6	6
1/4	49,670	1/4	37,614	1/4	25,558	1/4	13,795	1/4	1,931	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,419	1/2	37,363	1/2	25,307	1/2	13,544	1/2	1,742	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,167	3/4	37,111	3/4	25,055	3/4	13,293	3/4	1,554	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	48,916	7	36,860	7	24,804	7	13,042	7	1,365	7	7	7	7	7	7	7	7	7	7
1/4	48,665	1/4	36,609	1/4	24,560	1/4	12,791	1/4	1,219	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,414	1/2	36,358	1/2	24,316	1/2	12,539	1/2	1,072	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,163	3/4	36,107	3/4	24,072	3/4	12,288	3/4	926	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	47,912	8	35,856	8	23,828	8	12,037	8	779	8	8	8	8	8	8	8	8	8	8
1/4	47,660	1/4	35,604	1/4	23,584	1/4	11,786	1/4	675	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,409	1/2	35,353	1/2	23,340	1/2	11,535	1/2	570	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,158	3/4	35,102	3/4	23,097	3/4	11,284	3/4	466	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	46,907	9	34,851	9	22,853	9	11,033	9	361	9	9	9	9	9	9	9	9	9	9
1/4	46,656	1/4	34,600	1/4	22,609	1/4	10,781	1/4	298	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46,405	1/2	34,349	1/2	22,365	1/2	10,530	1/2	235	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,153	3/4	34,097	3/4	22,121	3/4	10,279	3/4	173	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	45,902	10	33,846	10	21,878	10	10,028	10	110	10	10	10	10	10	10	10	10	10	10
1/4	45,651	1/4	33,595	1/4	21,634	1/4	9,777	1/4	89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	45,400	1/2	33,344	1/2	21,390	1/2	9,526	1/2	68	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,149	3/4	33,093	3/4	21,146	3/4	9,275	3/4	47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	44,898	11	32,842	11	20,903	11	9,023	11	26	11	11	11	11	11	11	11	11	11	11
1/4	44,646	1/4	32,590	1/4	20,659	1/4	8,772	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44,395	1/2	32,339	1/2	20,415	1/2	8,521	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	44,144	3/4	32,088	3/4	20,171	3/4	8,270	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW
CALCULATED: 04/03/2008 CL
PRINTED: 04/04/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

PRECISION MEASUREMENT
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BARGE "CBC 1301"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	50,577	0	39,825	0	29,074	0	18,336	0	7,602	0		0		0		0		0	
1/4	50,353	1/4	39,601	1/4	28,850	1/4	18,113	1/4	7,378	1/4		1/4		1/4		1/4		1/4	
1/2	50,129	1/2	39,377	1/2	28,626	1/2	17,889	1/2	7,154	1/2		1/2		1/2		1/2		1/2	
3/4	49,905	3/4	39,153	3/4	28,402	3/4	17,666	3/4	6,930	3/4		3/4		3/4		3/4		3/4	
1	49,681	1	38,929	1	28,178	1	17,443	1	6,706	1		1		1		1		1	
1/4	49,457	1/4	38,705	1/4	27,954	1/4	17,220	1/4	6,482	1/4		1/4		1/4		1/4		1/4	
1/2	49,233	1/2	38,481	1/2	27,730	1/2	16,997	1/2	6,259	1/2		1/2		1/2		1/2		1/2	
3/4	49,009	3/4	38,257	3/4	27,506	3/4	16,774	3/4	6,035	3/4		3/4		3/4		3/4		3/4	
2	48,785	2	38,033	2	27,282	2	16,550	2	5,812	2		2		2		2		2	
1/4	48,561	1/4	37,809	1/4	27,058	1/4	16,327	1/4	5,589	1/4		1/4		1/4		1/4		1/4	
1/2	48,337	1/2	37,585	1/2	26,834	1/2	16,104	1/2	5,365	1/2		1/2		1/2		1/2		1/2	
3/4	48,113	3/4	37,361	3/4	26,610	3/4	15,881	3/4	5,143	3/4		3/4		3/4		3/4		3/4	
3	47,889	3	37,137	3	26,386	3	15,658	3	4,920	3		3		3		3		3	
1/4	47,665	1/4	36,913	1/4	26,162	1/4	15,434	1/4	4,698	1/4		1/4		1/4		1/4		1/4	
1/2	47,441	1/2	36,689	1/2	25,938	1/2	15,211	1/2	4,475	1/2		1/2		1/2		1/2		1/2	
3/4	47,217	3/4	36,465	3/4	25,714	3/4	14,988	3/4	4,254	3/4		3/4		3/4		3/4		3/4	
4	46,993	4	36,241	4	25,490	4	14,765	4	4,032	4		4		4		4		4	
1/4	46,769	1/4	36,018	1/4	25,266	1/4	14,542	1/4	3,811	1/4		1/4		1/4		1/4		1/4	
1/2	46,545	1/2	35,794	1/2	25,042	1/2	14,319	1/2	3,589	1/2		1/2		1/2		1/2		1/2	
3/4	46,321	3/4	35,570	3/4	24,818	3/4	14,095	3/4	3,370	3/4		3/4		3/4		3/4		3/4	
5	46,097	5	35,346	5	24,594	5	13,872	5	3,150	5		5		5		5		5	
1/4	45,873	1/4	35,122	1/4	24,370	1/4	13,648	1/4	2,931	1/4		1/4		1/4		1/4		1/4	
1/2	45,649	1/2	34,898	1/2	24,146	1/2	13,425	1/2	2,711	1/2		1/2		1/2		1/2		1/2	
3/4	45,425	3/4	34,674	3/4	23,922	3/4	13,201	3/4	2,506	3/4		3/4		3/4		3/4		3/4	
6	45,201	6	34,450	6	23,698	6	12,977	6	2,302	6		6		6		6		6	
1/4	44,977	1/4	34,226	1/4	23,474	1/4	12,753	1/4	2,097	1/4		1/4		1/4		1/4		1/4	
1/2	44,753	1/2	34,002	1/2	23,250	1/2	12,529	1/2	1,892	1/2		1/2		1/2		1/2		1/2	
3/4	44,529	3/4	33,778	3/4	23,026	3/4	12,305	3/4	1,724	3/4		3/4		3/4		3/4		3/4	
7	44,305	7	33,554	7	22,802	7	12,081	7	1,556	7		7		7		7		7	
1/4	44,081	1/4	33,330	1/4	22,578	1/4	11,857	1/4	1,388	1/4		1/4		1/4		1/4		1/4	
1/2	43,857	1/2	33,106	1/2	22,354	1/2	11,633	1/2	1,220	1/2		1/2		1/2		1/2		1/2	
3/4	43,633	3/4	32,882	3/4	22,131	3/4	11,409	3/4	1,090	3/4		3/4		3/4		3/4		3/4	
8	43,409	8	32,658	8	21,907	8	11,185	8	959	8		8		8		8		8	
1/4	43,185	1/4	32,434	1/4	21,684	1/4	10,961	1/4	829	1/4		1/4		1/4		1/4		1/4	
1/2	42,961	1/2	32,210	1/2	21,460	1/2	10,737	1/2	698	1/2		1/2		1/2		1/2		1/2	
3/4	42,737	3/4	31,986	3/4	21,237	3/4	10,513	3/4	605	3/4		3/4		3/4		3/4		3/4	
9	42,513	9	31,762	9	21,014	9	10,289	9	511	9		9		9		9		9	
1/4	42,289	1/4	31,538	1/4	20,791	1/4	10,065	1/4	418	1/4		1/4		1/4		1/4		1/4	
1/2	42,065	1/2	31,314	1/2	20,568	1/2	9,841	1/2	325	1/2		1/2		1/2		1/2		1/2	
3/4	41,841	3/4	31,090	3/4	20,344	3/4	9,617	3/4	269	3/4		3/4		3/4		3/4		3/4	
10	41,617	10	30,866	10	20,121	10	9,393	10	213	10		10		10		10		10	
1/4	41,393	1/4	30,642	1/4	19,898	1/4	9,169	1/4	157	1/4		1/4		1/4		1/4		1/4	
1/2	41,169	1/2	30,418	1/2	19,675	1/2	8,945	1/2	101	1/2		1/2		1/2		1/2		1/2	
3/4	40,945	3/4	30,194	3/4	19,452	3/4	8,721	3/4	82	3/4		3/4		3/4		3/4		3/4	
11	40,721	11	29,970	11	19,228	11	8,498	11	63	11		11		11		11		11	
1/4	40,497	1/4	29,746	1/4	19,005	1/4	8,274	1/4	45	1/4		1/4		1/4		1/4		1/4	
1/2	40,273	1/2	29,522	1/2	18,782	1/2	8,050	1/2	26	1/2		1/2		1/2		1/2		1/2	
3/4	40,049	3/4	29,298	3/4	18,559	3/4	7,826	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW
CALCULATED: 04/03/2008 CL
PRINTED: 04/04/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

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