



BARGE "CBC 1302"

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

LENGTH BETWEEN DRAFT MARKS: 159'-06"

April 27, 2008

PRECISION MEASUREMENT

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

<http://www.pmacorp.net>



BARGE "CBC 1302"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	144,059	0	136,685	0	126,040	0	114,428	0	103,777	0	93,125	0	82,470	0	71,815	0	61,160
1/4	1/4	1/4	144,044	1/4	136,375	1/4	124,820	1/4	114,208	1/4	103,556	1/4	92,903	1/4	82,248	1/4	71,593	1/4	60,938
1/2	1/2	1/2	143,992	1/2	136,156	1/2	124,600	1/2	113,984	1/2	103,334	1/2	92,681	1/2	82,026	1/2	71,371	1/2	60,716
3/4	3/4	3/4	143,938	3/4	134,936	3/4	124,380	3/4	113,762	3/4	103,112	3/4	92,459	3/4	81,804	3/4	71,149	3/4	60,464
1	1	1	143,887	1	134,717	1	124,159	1	113,540	1	102,890	1	92,237	1	81,582	1	70,927	1	60,272
1 1/4	1 1/4	1 1/4	143,834	1 1/4	134,497	1 1/4	123,899	1 1/4	113,318	1 1/4	102,666	1 1/4	92,015	1 1/4	81,350	1 1/4	70,705	1 1/4	60,050
1 1/2	1 1/2	1 1/2	143,745	1 1/2	134,278	1 1/2	123,719	1 1/2	113,096	1 1/2	102,446	1 1/2	91,793	1 1/2	81,138	1 1/2	70,483	1 1/2	59,828
3 1/4	3 1/4	3 1/4	143,656	3 1/4	134,058	3 1/4	123,499	3 1/4	112,875	3 1/4	102,224	3 1/4	91,571	3 1/4	80,916	3 1/4	70,261	3 1/4	59,606
2	2	2	143,568	2	133,839	2	123,279	2	112,653	2	102,002	2	91,349	2	80,694	2	70,039	2	59,384
1 3/4	1 3/4	1 3/4	143,477	1 3/4	133,620	1 3/4	123,059	1 3/4	112,431	1 3/4	101,780	1 3/4	91,127	1 3/4	80,472	1 3/4	69,817	1 3/4	59,163
1 1/2	1 1/2	1 1/2	143,350	1 1/2	133,400	1 1/2	122,839	1 1/2	112,209	1 1/2	101,559	1 1/2	90,905	1 1/2	80,250	1 1/2	69,595	1 1/2	58,941
3 3/4	3 3/4	3 3/4	143,224	3 3/4	133,181	3 3/4	122,618	3 3/4	111,987	3 3/4	101,337	3 3/4	90,683	3 3/4	80,028	3 3/4	69,373	3 3/4	58,719
3	3	3	143,098	3	132,961	3	122,398	3	111,765	3	101,115	3	90,461	3	79,806	3	69,151	3	58,487
1 1/4	1 1/4	1 1/4	142,971	1 1/4	132,742	1 1/4	122,179	1 1/4	111,643	1 1/4	100,893	1 1/4	90,239	1 1/4	79,584	1 1/4	68,929	1 1/4	58,275
1 1/2	1 1/2	1 1/2	142,808	1 1/2	132,522	1 1/2	121,958	1 1/2	111,521	1 1/2	100,671	1 1/2	90,017	1 1/2	79,362	1 1/2	68,707	1 1/2	58,053
3 1/2	3 1/2	3 1/2	142,544	3 1/2	132,302	3 1/2	121,739	3 1/2	111,299	3 1/2	100,449	3 1/2	89,795	3 1/2	79,140	3 1/2	68,486	3 1/2	57,831
4	4	4	142,461	4	132,081	4	121,519	4	110,878	4	100,227	4	89,573	4	78,918	4	68,263	4	57,609
1 3/4	1 3/4	1 3/4	142,318	1 3/4	131,861	1 3/4	121,298	1 3/4	110,656	1 3/4	100,005	1 3/4	89,351	1 3/4	78,696	1 3/4	68,041	1 3/4	57,387
1 1/2	1 1/2	1 1/2	142,117	1 1/2	131,641	1 1/2	121,079	1 1/2	110,434	1 1/2	99,783	1 1/2	89,129	1 1/2	78,474	1 1/2	67,820	1 1/2	57,165
3 1/4	3 1/4	3 1/4	141,917	3 1/4	131,421	3 1/4	120,858	3 1/4	110,212	3 1/4	99,562	3 1/4	88,907	3 1/4	78,252	3 1/4	67,598	3 1/4	56,943
5	5	5	141,716	5	131,201	5	120,639	5	109,980	5	99,340	5	88,685	5	78,030	5	67,376	5	56,721
1 1/4	1 1/4	1 1/4	141,516	1 1/4	130,981	1 1/4	120,419	1 1/4	109,768	1 1/4	99,118	1 1/4	88,463	1 1/4	77,808	1 1/4	67,154	1 1/4	56,499
1 1/2	1 1/2	1 1/2	141,297	1 1/2	130,761	1 1/2	120,197	1 1/2	109,546	1 1/2	98,896	1 1/2	88,241	1 1/2	77,586	1 1/2	66,932	1 1/2	56,277
3 1/4	3 1/4	3 1/4	141,078	3 1/4	130,541	3 1/4	119,975	3 1/4	109,324	3 1/4	98,674	3 1/4	88,019	3 1/4	77,364	3 1/4	66,710	3 1/4	56,055
8	8	8	140,859	8	130,321	8	119,753	8	109,103	8	98,452	8	87,797	8	77,142	8	66,498	8	55,833
1 1/4	1 1/4	1 1/4	140,640	1 1/4	130,101	1 1/4	119,531	1 1/4	108,881	1 1/4	98,230	1 1/4	87,575	1 1/4	76,920	1 1/4	66,266	1 1/4	55,611
1 1/2	1 1/2	1 1/2	140,421	1 1/2	129,881	1 1/2	119,309	1 1/2	108,659	1 1/2	98,008	1 1/2	87,353	1 1/2	76,698	1 1/2	66,044	1 1/2	55,389
3 1/4	3 1/4	3 1/4	140,203	3 1/4	129,661	3 1/4	119,087	3 1/4	108,437	3 1/4	97,766	3 1/4	87,131	3 1/4	76,476	3 1/4	65,822	3 1/4	55,167
7	7	7	139,994	7	129,441	7	118,865	7	108,215	7	97,564	7	86,909	7	76,255	7	65,600	7	54,945
1 1/4	1 1/4	1 1/4	139,766	1 1/4	129,221	1 1/4	118,643	1 1/4	107,993	1 1/4	97,342	1 1/4	86,687	1 1/4	76,033	1 1/4	65,378	1 1/4	54,723
1 1/2	1 1/2	1 1/2	139,546	1 1/2	129,001	1 1/2	118,422	1 1/2	107,771	1 1/2	97,120	1 1/2	86,465	1 1/2	75,811	1 1/2	65,156	1 1/2	54,501
3 1/4	3 1/4	3 1/4	139,327	3 1/4	128,781	3 1/4	118,200	3 1/4	107,549	3 1/4	96,898	3 1/4	86,243	3 1/4	75,589	3 1/4	64,934	3 1/4	54,279
8	8	8	139,108	8	128,561	8	117,978	8	107,327	8	96,676	8	86,021	8	75,367	8	64,712	8	54,057
1 1/4	1 1/4	1 1/4	138,889	1 1/4	128,341	1 1/4	117,756	1 1/4	107,106	1 1/4	96,454	1 1/4	85,799	1 1/4	75,146	1 1/4	64,490	1 1/4	53,835
1 1/2	1 1/2	1 1/2	138,670	1 1/2	128,120	1 1/2	117,534	1 1/2	106,884	1 1/2	96,232	1 1/2	85,577	1 1/2	74,923	1 1/2	64,268	1 1/2	53,613
3 1/4	3 1/4	3 1/4	138,451	3 1/4	127,900	3 1/4	117,312	3 1/4	106,662	3 1/4	96,010	3 1/4	85,355	3 1/4	74,701	3 1/4	64,046	3 1/4	53,391
9	9	9	138,233	9	127,680	9	117,090	9	106,440	9	95,788	9	85,133	9	74,479	9	63,824	9	53,169
1 1/4	1 1/4	1 1/4	138,014	1 1/4	127,460	1 1/4	116,868	1 1/4	106,218	1 1/4	95,566	1 1/4	84,912	1 1/4	74,257	1 1/4	63,602	1 1/4	52,947
1 1/2	1 1/2	1 1/2	137,794	1 1/2	127,240	1 1/2	116,647	1 1/2	105,996	1 1/2	95,344	1 1/2	84,690	1 1/2	74,035	1 1/2	63,380	1 1/2	52,725
3 1/4	3 1/4	3 1/4	137,574	3 1/4	127,020	3 1/4	116,425	3 1/4	105,774	3 1/4	95,122	3 1/4	84,468	3 1/4	73,813	3 1/4	63,158	3 1/4	52,503
10	10	10	137,353	10	126,800	10	116,203	10	105,552	10	94,900	10	84,246	10	73,591	10	62,936	10	52,281
1 1/4	1 1/4	1 1/4	137,133	1 1/4	126,580	1 1/4	115,981	1 1/4	105,331	1 1/4	94,678	1 1/4	84,024	1 1/4	73,369	1 1/4	62,714	1 1/4	52,059
1 1/2	1 1/2	1 1/2	136,913	1 1/2	126,360	1 1/2	115,759	1 1/2	105,109	1 1/2	94,456	1 1/2	83,802	1 1/2	73,147	1 1/2	62,492	1 1/2	51,837
3 1/4	3 1/4	3 1/4	136,693	3 1/4	126,140	3 1/4	115,537	3 1/4	104,887	3 1/4	94,234	3 1/4	83,580	3 1/4	72,925	3 1/4	62,270	3 1/4	51,615
11	11	11	136,473	11	125,920	11	115,315	11	104,665	11	94,012	11	83,358	11	72,703	11	62,048	11	51,393
1 1/4	1 1/4	1 1/4	136,253	1 1/4	125,700	1 1/4	115,093	1 1/4	104,443	1 1/4	93,790	1 1/4	83,136	1 1/4	72,481	1 1/4	61,826	1 1/4	51,171
1 1/2	1 1/2	1 1/2	136,034	1 1/2	125,480	1 1/2	114,871	1 1/2	104,221	1 1/2	93,566	1 1/2	82,914	1 1/2	72,259	1 1/2	61,604	1 1/2	50,949
3 1/4	3 1/4	3 1/4	135,814	3 1/4	125,260	3 1/4	114,650	3 1/4	103,998	3 1/4	93,347	3 1/4	82,692	3 1/4	72,037	3 1/4	61,382	3 1/4	50,728

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IPMS CHAPTER 2.7.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAVE GAUGES TAKEN TO THREADS ON "HMC" VALVE.

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

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

http://www.pimacorp.net



BARGE "CBC 1302"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	50,506	0	39,851	0	29,196	0	18,658	0	8,200	0	45	0		0		0		0	
1/4	50,284	1/4	39,629	1/4	28,974	1/4	18,444	1/4	7,978	1/4	26	1/4		1/4		1/4		1/4	
1/2	50,062	1/2	39,407	1/2	28,752	1/2	18,230	1/2	7,756	1/2		1/2		1/2		1/2		1/2	
3/4	49,840	3/4	39,185	3/4	28,530	3/4	18,016	3/4	7,534	3/4		3/4		3/4		3/4		3/4	
1	49,618	1	38,963	1	28,308	1	17,802	1	7,312	1		1		1		1		1	
1/4	49,396	1/4	38,741	1/4	28,086	1/4	17,588	1/4	7,090	1/4		1/4		1/4		1/4		1/4	
1/2	49,174	1/2	38,519	1/2	27,864	1/2	17,373	1/2	6,868	1/2		1/2		1/2		1/2		1/2	
3/4	48,952	3/4	38,297	3/4	27,642	3/4	17,159	3/4	6,646	3/4		3/4		3/4		3/4		3/4	
2	48,730	2	38,076	2	27,420	2	16,945	2	6,425	2		2		2		2		2	
1/4	48,508	1/4	37,853	1/4	27,198	1/4	16,731	1/4	6,203	1/4		1/4		1/4		1/4		1/4	
1/2	48,286	1/2	37,631	1/2	26,976	1/2	16,517	1/2	5,982	1/2		1/2		1/2		1/2		1/2	
3/4	48,064	3/4	37,409	3/4	26,754	3/4	16,303	3/4	5,760	3/4		3/4		3/4		3/4		3/4	
3	47,842	3	37,187	3	26,532	3	16,089	3	5,539	3		3		3		3		3	
1/4	47,620	1/4	36,965	1/4	26,310	1/4	15,875	1/4	5,318	1/4		1/4		1/4		1/4		1/4	
1/2	47,398	1/2	36,743	1/2	26,088	1/2	15,661	1/2	5,097	1/2		1/2		1/2		1/2		1/2	
3/4	47,176	3/4	36,521	3/4	25,866	3/4	15,447	3/4	4,876	3/4		3/4		3/4		3/4		3/4	
4	46,954	4	36,299	4	25,644	4	15,233	4	4,656	4		4		4		4		4	
1/4	46,732	1/4	36,077	1/4	25,422	1/4	15,018	1/4	4,435	1/4		1/4		1/4		1/4		1/4	
1/2	46,510	1/2	35,855	1/2	25,200	1/2	14,804	1/2	4,216	1/2		1/2		1/2		1/2		1/2	
3/4	46,288	3/4	35,633	3/4	24,979	3/4	14,590	3/4	3,996	3/4		3/4		3/4		3/4		3/4	
5	46,066	5	35,411	5	24,757	5	14,376	5	3,777	5		5		5		5		5	
1/4	45,844	1/4	35,189	1/4	24,535	1/4	14,162	1/4	3,557	1/4		1/4		1/4		1/4		1/4	
1/2	45,622	1/2	34,967	1/2	24,313	1/2	13,948	1/2	3,340	1/2		1/2		1/2		1/2		1/2	
3/4	45,400	3/4	34,745	3/4	24,091	3/4	13,733	3/4	3,122	3/4		3/4		3/4		3/4		3/4	
6	45,178	6	34,523	6	23,869	6	13,519	6	2,905	6		6		6		6		6	
1/4	44,956	1/4	34,301	1/4	23,647	1/4	13,304	1/4	2,687	1/4		1/4		1/4		1/4		1/4	
1/2	44,734	1/2	34,079	1/2	23,425	1/2	13,082	1/2	2,484	1/2		1/2		1/2		1/2		1/2	
3/4	44,512	3/4	33,857	3/4	23,203	3/4	12,860	3/4	2,282	3/4		3/4		3/4		3/4		3/4	
7	44,290	7	33,636	7	22,981	7	12,639	7	2,079	7		7		7		7		7	
1/4	44,068	1/4	33,414	1/4	22,759	1/4	12,417	1/4	1,876	1/4		1/4		1/4		1/4		1/4	
1/2	43,846	1/2	33,192	1/2	22,537	1/2	12,195	1/2	1,709	1/2		1/2		1/2		1/2		1/2	
3/4	43,624	3/4	32,970	3/4	22,315	3/4	11,973	3/4	1,543	3/4		3/4		3/4		3/4		3/4	
8	43,402	8	32,748	8	22,093	8	11,751	8	1,376	8		8		8		8		8	
1/4	43,180	1/4	32,526	1/4	21,871	1/4	11,529	1/4	1,210	1/4		1/4		1/4		1/4		1/4	
1/2	42,958	1/2	32,304	1/2	21,656	1/2	11,307	1/2	1,080	1/2		1/2		1/2		1/2		1/2	
3/4	42,736	3/4	32,082	3/4	21,442	3/4	11,085	3/4	961	3/4		3/4		3/4		3/4		3/4	
9	42,514	9	31,860	9	21,228	9	10,863	9	822	9		9		9		9		9	
1/4	42,292	1/4	31,638	1/4	21,013	1/4	10,641	1/4	692	1/4		1/4		1/4		1/4		1/4	
1/2	42,071	1/2	31,416	1/2	20,799	1/2	10,419	1/2	600	1/2		1/2		1/2		1/2		1/2	
3/4	41,849	3/4	31,194	3/4	20,585	3/4	10,197	3/4	507	3/4		3/4		3/4		3/4		3/4	
10	41,627	10	30,972	10	20,371	10	9,975	10	415	10		10		10		10		10	
1/4	41,405	1/4	30,750	1/4	20,157	1/4	9,753	1/4	322	1/4		1/4		1/4		1/4		1/4	
1/2	41,183	1/2	30,528	1/2	19,943	1/2	9,531	1/2	267	1/2		1/2		1/2		1/2		1/2	
3/4	40,961	3/4	30,306	3/4	19,729	3/4	9,309	3/4	211	3/4		3/4		3/4		3/4		3/4	
11	40,739	11	30,084	11	19,514	11	9,088	11	156	11		11		11		11		11	
1/4	40,517	1/4	29,862	1/4	19,300	1/4	8,866	1/4	100	1/4		1/4		1/4		1/4		1/4	
1/2	40,295	1/2	29,640	1/2	19,086	1/2	8,644	1/2	82	1/2		1/2		1/2		1/2		1/2	
3/4	40,073	3/4	29,418	3/4	18,872	3/4	8,422	3/4	63	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/25/2008 CL - SW
CALCULATED: 04/26/2008 CL
PRINTED: 04/27/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

PRECISION MEASUREMENT
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BARGE "CBC 1302"

**2 CENTER
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

Gauge Height 15'-01 1/4"

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

BARGE STRAPPEN AND COMPLETED IN ACCORDANCE WITH MBUS CHAPTER 27

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE. GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 32"-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

ANALYSIS, I

P.O. Box 2092

Pearland, Texas 77586

[Signature]



BARGE "CBC 1302"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-0 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	58,249	0	46,185	0	34,121	0	22,138	0	10,286	0	173	0		0		0		0	
1/4	57,998	1/4	45,934	1/4	33,869	1/4	21,893	1/4	10,035	1/4	110	1/4		1/4		1/4		1/4	
1/2	57,746	1/2	45,682	1/2	33,618	1/2	21,649	1/2	9,784	1/2	89	1/2		1/2		1/2		1/2	
3/4	57,495	3/4	45,431	3/4	33,367	3/4	21,405	3/4	9,532	3/4	68	3/4		3/4		3/4		3/4	
1	57,244	1	45,180	1	33,116	1	21,161	1	9,281	1	47	1		1		1		1	
1 1/4	56,992	1 1/4	44,928	1 1/4	32,864	1 1/4	20,917	1 1/4	9,030	1 1/4	26	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	56,741	1 1/2	44,677	1 1/2	32,613	1 1/2	20,673	1 1/2	8,778	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	56,490	1 3/4	44,426	1 3/4	32,361	1 3/4	20,429	1 3/4	8,527	1 3/4		1 3/4		1 3/4		1 3/4		1 3/4	
2	56,238	2	44,174	2	32,110	2	20,185	2	8,276	2		2		2		2		2	
2 1/4	55,987	2 1/4	43,923	2 1/4	31,869	2 1/4	19,941	2 1/4	8,024	2 1/4		2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	55,736	2 1/2	43,672	2 1/2	31,607	2 1/2	19,697	2 1/2	7,773	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
2 3/4	55,484	2 3/4	43,420	2 3/4	31,356	2 3/4	19,453	2 3/4	7,522	2 3/4		2 3/4		2 3/4		2 3/4		2 3/4	
3	55,233	3	43,169	3	31,105	3	19,209	3	7,271	3		3		3		3		3	
3 1/4	54,982	3 1/4	42,918	3 1/4	30,853	3 1/4	18,965	3 1/4	7,020	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	54,730	3 1/2	42,666	3 1/2	30,602	3 1/2	18,721	3 1/2	6,769	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
3 3/4	54,479	3 3/4	42,415	3 3/4	30,351	3 3/4	18,477	3 3/4	6,519	3 3/4		3 3/4		3 3/4		3 3/4		3 3/4	
4	54,228	4	42,163	4	30,099	4	18,233	4	6,268	4		4		4		4		4	
4 1/4	53,976	4 1/4	41,912	4 1/4	29,848	4 1/4	17,990	4 1/4	6,018	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	53,725	4 1/2	41,661	4 1/2	29,597	4 1/2	17,746	4 1/2	5,768	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
4 3/4	53,474	4 3/4	41,409	4 3/4	29,345	4 3/4	17,502	4 3/4	5,518	4 3/4		4 3/4		4 3/4		4 3/4		4 3/4	
5	53,222	5	41,158	5	29,094	5	17,258	5	5,268	5		5		5		5		5	
5 1/4	52,971	5 1/4	40,907	5 1/4	28,843	5 1/4	17,014	5 1/4	5,018	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	52,720	5 1/2	40,655	5 1/2	28,591	5 1/2	16,770	5 1/2	4,770	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
5 3/4	52,468	5 3/4	40,404	5 3/4	28,340	5 3/4	16,526	5 3/4	4,521	5 3/4		5 3/4		5 3/4		5 3/4		5 3/4	
6	52,217	6	40,153	6	28,089	6	16,282	6	4,273	6		6		6		6		6	
6 1/4	51,966	6 1/4	39,901	6 1/4	27,837	6 1/4	16,038	6 1/4	4,024	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	51,714	6 1/2	39,650	6 1/2	27,586	6 1/2	15,794	6 1/2	3,778	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
6 3/4	51,463	6 3/4	39,399	6 3/4	27,335	6 3/4	15,549	6 3/4	3,532	6 3/4		6 3/4		6 3/4		6 3/4		6 3/4	
7	51,212	7	39,147	7	27,083	7	15,305	7	3,285	7		7		7		7		7	
7 1/4	50,960	7 1/4	38,896	7 1/4	26,832	7 1/4	15,061	7 1/4	3,039	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	50,709	7 1/2	38,645	7 1/2	26,581	7 1/2	14,810	7 1/2	2,809	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
7 3/4	50,458	7 3/4	38,393	7 3/4	26,329	7 3/4	14,568	7 3/4	2,580	7 3/4		7 3/4		7 3/4		7 3/4		7 3/4	
8	50,206	8	38,142	8	26,078	8	14,307	8	2,350	8		8		8		8		8	
8 1/4	49,955	8 1/4	37,891	8 1/4	25,827	8 1/4	14,066	8 1/4	2,120	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	49,704	8 1/2	37,639	8 1/2	25,575	8 1/2	13,804	8 1/2	1,932	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
8 3/4	49,452	8 3/4	37,388	8 3/4	25,324	8 3/4	13,553	8 3/4	1,743	8 3/4		8 3/4		8 3/4		8 3/4		8 3/4	
9	49,201	9	37,137	9	25,073	9	13,302	9	1,555	9		9		9		9		9	
9 1/4	48,950	9 1/4	36,886	9 1/4	24,821	9 1/4	13,061	9 1/4	1,366	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	48,698	9 1/2	36,634	9 1/2	24,577	9 1/2	12,799	9 1/2	1,220	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
9 3/4	48,447	9 3/4	36,383	9 3/4	24,333	9 3/4	12,548	9 3/4	1,073	9 3/4		9 3/4		9 3/4		9 3/4		9 3/4	
10	48,196	10	36,131	10	24,088	10	12,297	10	927	10		10		10		10		10	
10 1/4	47,944	10 1/4	35,880	10 1/4	23,844	10 1/4	12,045	10 1/4	780	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	47,693	10 1/2	35,629	10 1/2	23,600	10 1/2	11,794	10 1/2	676	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	47,442	10 3/4	35,377	10 3/4	23,356	10 3/4	11,543	10 3/4	571	10 3/4		10 3/4		10 3/4		10 3/4		10 3/4	
11	47,190	11	35,126	11	23,112	11	11,291	11	466	11		11		11		11		11	
11 1/4	46,939	11 1/4	34,875	11 1/4	22,868	11 1/4	11,040	11 1/4	361	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	46,688	11 1/2	34,623	11 1/2	22,624	11 1/2	10,789	11 1/2	258	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	46,436	11 3/4	34,372	11 3/4	22,380	11 3/4	10,537	11 3/4	236	11 3/4		11 3/4		11 3/4		11 3/4		11 3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2008 CL - SW
CALCULATED: 04/28/2008 CL
PRINTED: 04/27/2008 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
http://www.pma-inc.net

Tom Pearson



BARGE "CBC 1302"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	145,878	0	136,943	0	126,288	0	116,632	0	104,760	0	93,988	0	83,216	0	72,444	0	61,671
1/4		1/4	145,825	1/4	136,721	1/4	126,045	1/4	116,308	1/4	104,536	1/4	93,764	1/4	82,991	1/4	72,219	1/4	61,447
1/2		1/2	145,772	1/2	136,499	1/2	125,823	1/2	115,083	1/2	104,311	1/2	93,539	1/2	82,767	1/2	71,995	1/2	61,223
3/4		3/4	145,719	3/4	136,277	3/4	125,600	3/4	114,868	3/4	104,087	3/4	93,315	3/4	82,543	3/4	71,770	3/4	60,998
1		1	145,628	1	136,055	1	125,378	1	114,634	1	103,862	1	93,090	1	82,318	1	71,546	1	60,774
1/4		1/4	145,538	1/4	135,833	1/4	125,155	1/4	114,410	1/4	103,638	1/4	92,866	1/4	82,094	1/4	71,322	1/4	60,549
1/2		1/2	145,448	1/2	135,611	1/2	124,933	1/2	114,188	1/2	103,414	1/2	92,642	1/2	81,869	1/2	71,097	1/2	60,325
3/4		3/4	145,357	3/4	135,389	3/4	124,710	3/4	113,961	3/4	103,189	3/4	92,417	3/4	81,645	3/4	70,873	3/4	60,100
2		2	145,229	2	135,167	2	124,488	2	113,737	2	102,965	2	92,193	2	81,420	2	70,648	2	59,876
1/4		1/4	145,101	1/4	134,945	1/4	124,265	1/4	113,512	1/4	102,740	1/4	91,968	1/4	81,196	1/4	70,424	1/4	59,652
1/2		1/2	144,974	1/2	134,723	1/2	124,043	1/2	113,288	1/2	102,516	1/2	91,744	1/2	80,972	1/2	70,199	1/2	59,427
3/4		3/4	144,846	3/4	134,501	3/4	123,820	3/4	113,063	3/4	102,292	3/4	91,519	3/4	80,747	3/4	69,975	3/4	59,203
3		3	144,681	3	134,279	3	123,598	3	112,839	3	102,067	3	91,295	3	80,523	3	69,751	3	58,978
1/4		1/4	144,515	1/4	134,056	1/4	123,375	1/4	112,615	1/4	101,843	1/4	91,071	1/4	80,298	1/4	69,526	1/4	58,754
1/2		1/2	144,350	1/2	133,834	1/2	123,153	1/2	112,390	1/2	101,618	1/2	90,846	1/2	80,074	1/2	69,302	1/2	58,530
3/4		3/4	144,185	3/4	133,611	3/4	122,930	3/4	112,166	3/4	101,394	3/4	90,622	3/4	79,850	3/4	69,077	3/4	58,305
4		4	143,982	4	133,389	4	122,708	4	111,941	4	101,170	4	90,397	4	79,625	4	68,853	4	58,081
1/4		1/4	143,779	1/4	133,168	1/4	122,485	1/4	111,717	1/4	100,945	1/4	90,173	1/4	79,401	1/4	68,628	1/4	57,856
1/2		1/2	143,577	1/2	132,944	1/2	122,263	1/2	111,493	1/2	100,721	1/2	89,948	1/2	79,176	1/2	68,404	1/2	57,632
3/4		3/4	143,374	3/4	132,721	3/4	122,040	3/4	111,268	3/4	100,496	3/4	89,724	3/4	78,952	3/4	68,180	3/4	57,407
5		5	143,153	5	132,499	5	121,816	5	111,044	5	100,272	5	89,500	5	78,727	5	67,955	5	57,183
1/4		1/4	142,931	1/4	132,276	1/4	121,591	1/4	110,819	1/4	100,047	1/4	89,275	1/4	78,503	1/4	67,731	1/4	56,959
1/2		1/2	142,710	1/2	132,054	1/2	121,367	1/2	110,595	1/2	99,823	1/2	89,051	1/2	78,279	1/2	67,506	1/2	56,734
3/4		3/4	142,489	3/4	131,831	3/4	121,142	3/4	110,371	3/4	99,599	3/4	88,826	3/4	78,054	3/4	67,282	3/4	56,510
6		6	142,267	6	131,609	6	120,918	6	110,146	6	99,374	6	88,602	6	77,830	6	67,058	6	56,286
1/4		1/4	142,046	1/4	131,386	1/4	120,694	1/4	109,922	1/4	99,150	1/4	88,378	1/4	77,605	1/4	66,833	1/4	56,061
1/2		1/2	141,825	1/2	131,164	1/2	120,469	1/2	109,697	1/2	98,925	1/2	88,153	1/2	77,381	1/2	66,609	1/2	55,836
3/4		3/4	141,603	3/4	130,941	3/4	120,245	3/4	109,473	3/4	98,701	3/4	87,929	3/4	77,156	3/4	66,384	3/4	55,612
7		7	141,382	7	130,718	7	120,020	7	109,248	7	98,476	7	87,704	7	76,932	7	66,160	7	55,388
1/4		1/4	141,161	1/4	130,496	1/4	119,796	1/4	109,024	1/4	98,252	1/4	87,480	1/4	76,708	1/4	65,935	1/4	55,163
1/2		1/2	140,939	1/2	130,273	1/2	119,572	1/2	108,800	1/2	98,028	1/2	87,255	1/2	76,483	1/2	65,711	1/2	54,939
3/4		3/4	140,718	3/4	130,051	3/4	119,347	3/4	108,575	3/4	97,803	3/4	87,031	3/4	76,259	3/4	65,487	3/4	54,714
8		8	140,497	8	129,828	8	119,123	8	108,351	8	97,579	8	86,807	8	76,034	8	65,262	8	54,490
1/4		1/4	140,275	1/4	129,606	1/4	118,898	1/4	108,126	1/4	97,354	1/4	86,582	1/4	75,810	1/4	65,038	1/4	54,266
1/2		1/2	140,054	1/2	129,383	1/2	118,674	1/2	107,902	1/2	97,130	1/2	86,358	1/2	75,586	1/2	64,813	1/2	54,041
3/4		3/4	139,833	3/4	129,161	3/4	118,449	3/4	107,678	3/4	96,906	3/4	86,133	3/4	75,361	3/4	64,589	3/4	53,817
9		9	139,610	9	128,938	9	118,225	9	107,453	9	96,681	9	85,909	9	75,137	9	64,364	9	53,592
1/4		1/4	139,388	1/4	128,716	1/4	118,001	1/4	107,229	1/4	96,457	1/4	85,684	1/4	74,912	1/4	64,140	1/4	53,368
1/2		1/2	139,165	1/2	128,493	1/2	117,776	1/2	107,004	1/2	96,232	1/2	85,460	1/2	74,688	1/2	63,916	1/2	53,143
3/4		3/4	138,942	3/4	128,271	3/4	117,552	3/4	106,780	3/4	96,008	3/4	85,236	3/4	74,463	3/4	63,691	3/4	52,919
10		10	138,720	10	128,048	10	117,327	10	106,555	10	95,783	10	85,011	10	74,239	10	63,467	10	52,695
1/4		1/4	138,497	1/4	127,826	1/4	117,103	1/4	106,331	1/4	95,559	1/4	84,787	1/4	74,015	1/4	63,242	1/4	52,470
1/2		1/2	138,275	1/2	127,603	1/2	116,879	1/2	106,107	1/2	95,335	1/2	84,562	1/2	73,790	1/2	63,018	1/2	52,246
3/4		3/4	138,052	3/4	127,381	3/4	116,654	3/4	105,882	3/4	95,110	3/4	84,338	3/4	73,566	3/4	62,794	3/4	52,021
11	145,994	11	137,830	11	127,158	11	116,430	11	105,658	11	94,886	11	84,114	11	73,341	11	62,569	11	51,797
1/4	145,962	1/4	137,808	1/4	126,936	1/4	116,205	1/4	105,433	1/4	94,661	1/4	83,889	1/4	73,117	1/4	62,345	1/4	51,572
1/2	145,947	1/2	137,387	1/2	126,713	1/2	115,981	1/2	105,209	1/2	94,437	1/2	83,665	1/2	72,892	1/2	62,120	1/2	51,348
3/4	145,931	3/4	137,165	3/4	126,491	3/4	115,756	3/4	104,985	3/4	94,212	3/4	83,440	3/4	72,668	3/4	61,896	3/4	51,124

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 INNAE 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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Pearland, Texas 77588

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BARGE "CBC 1302"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	50,899	0	40,127	0	29,355	0	18,595	0	7,841	0		0		0		0		0	
1/4	50,675	1/4	39,903	1/4	29,130	1/4	18,371	1/4	7,616	1/4		1/4		1/4		1/4		1/4	
1/2	50,450	1/2	39,678	1/2	28,906	1/2	18,148	1/2	7,392	1/2		1/2		1/2		1/2		1/2	
3/4	50,226	3/4	39,454	3/4	28,682	3/4	17,924	3/4	7,168	3/4		3/4		3/4		3/4		3/4	
1	50,002	1	39,229	1	28,457	1	17,701	1	6,943	1		1		1		1		1	
1/4	49,777	1/4	39,005	1/4	28,233	1/4	17,477	1/4	6,719	1/4		1/4		1/4		1/4		1/4	
1/2	49,553	1/2	38,780	1/2	28,008	1/2	17,253	1/2	6,495	1/2		1/2		1/2		1/2		1/2	
3/4	49,328	3/4	38,556	3/4	27,784	3/4	17,030	3/4	6,271	3/4		3/4		3/4		3/4		3/4	
2	49,104	2	38,332	2	27,559	2	16,806	2	6,047	2		2		2		2		2	
1/4	48,879	1/4	38,107	1/4	27,335	1/4	16,582	1/4	5,823	1/4		1/4		1/4		1/4		1/4	
1/2	48,655	1/2	37,883	1/2	27,111	1/2	16,359	1/2	5,600	1/2		1/2		1/2		1/2		1/2	
3/4	48,431	3/4	37,658	3/4	26,886	3/4	16,135	3/4	5,376	3/4		3/4		3/4		3/4		3/4	
3	48,206	3	37,434	3	26,662	3	15,912	3	5,153	3		3		3		3		3	
1/4	47,982	1/4	37,210	1/4	26,437	1/4	15,688	1/4	4,930	1/4		1/4		1/4		1/4		1/4	
1/2	47,757	1/2	36,985	1/2	26,213	1/2	15,464	1/2	4,707	1/2		1/2		1/2		1/2		1/2	
3/4	47,533	3/4	36,761	3/4	26,988	3/4	15,241	3/4	4,484	3/4		3/4		3/4		3/4		3/4	
4	47,308	4	36,536	4	25,764	4	15,017	4	4,262	4		4		4		4		4	
1/4	47,084	1/4	36,312	1/4	25,540	1/4	14,794	1/4	4,040	1/4		1/4		1/4		1/4		1/4	
1/2	46,860	1/2	36,087	1/2	25,315	1/2	14,570	1/2	3,818	1/2		1/2		1/2		1/2		1/2	
3/4	46,635	3/4	35,863	3/4	25,091	3/4	14,346	3/4	3,596	3/4		3/4		3/4		3/4		3/4	
5	46,411	5	35,639	5	24,866	5	14,122	5	3,376	5		5		5		5		5	
1/4	46,186	1/4	35,414	1/4	24,642	1/4	13,898	1/4	3,156	1/4		1/4		1/4		1/4		1/4	
1/2	45,962	1/2	35,190	1/2	24,418	1/2	13,675	1/2	2,936	1/2		1/2		1/2		1/2		1/2	
3/4	45,738	3/4	34,965	3/4	24,193	3/4	13,451	3/4	2,716	3/4		3/4		3/4		3/4		3/4	
6	45,513	6	34,741	6	23,969	6	13,226	6	2,511	6		6		6		6		6	
1/4	45,289	1/4	34,516	1/4	23,744	1/4	13,002	1/4	2,306	1/4		1/4		1/4		1/4		1/4	
1/2	45,064	1/2	34,292	1/2	23,520	1/2	12,777	1/2	2,101	1/2		1/2		1/2		1/2		1/2	
3/4	44,840	3/4	34,068	3/4	23,296	3/4	12,553	3/4	1,896	3/4		3/4		3/4		3/4		3/4	
7	44,615	7	33,843	7	23,071	7	12,329	7	1,728	7		7		7		7		7	
1/4	44,391	1/4	33,619	1/4	22,847	1/4	12,104	1/4	1,569	1/4		1/4		1/4		1/4		1/4	
1/2	44,167	1/2	33,394	1/2	22,622	1/2	11,880	1/2	1,391	1/2		1/2		1/2		1/2		1/2	
3/4	43,942	3/4	33,170	3/4	22,398	3/4	11,656	3/4	1,223	3/4		3/4		3/4		3/4		3/4	
8	43,718	8	32,946	8	22,174	8	11,431	8	1,092	8		8		8		8		8	
1/4	43,493	1/4	32,721	1/4	21,950	1/4	11,207	1/4	961	1/4		1/4		1/4		1/4		1/4	
1/2	43,269	1/2	32,497	1/2	21,726	1/2	10,982	1/2	830	1/2		1/2		1/2		1/2		1/2	
3/4	43,044	3/4	32,272	3/4	21,502	3/4	10,758	3/4	699	3/4		3/4		3/4		3/4		3/4	
9	42,820	9	32,048	9	21,278	9	10,534	9	606	9		9		9		9		9	
1/4	42,596	1/4	31,823	1/4	21,055	1/4	10,309	1/4	512	1/4		1/4		1/4		1/4		1/4	
1/2	42,371	1/2	31,599	1/2	20,831	1/2	10,085	1/2	419	1/2		1/2		1/2		1/2		1/2	
3/4	42,147	3/4	31,375	3/4	20,607	3/4	9,860	3/4	325	3/4		3/4		3/4		3/4		3/4	
10	41,922	10	31,150	10	20,384	10	9,636	10	269	10		10		10		10		10	
1/4	41,698	1/4	30,926	1/4	20,160	1/4	9,412	1/4	213	1/4		1/4		1/4		1/4		1/4	
1/2	41,474	1/2	30,701	1/2	19,937	1/2	9,187	1/2	157	1/2		1/2		1/2		1/2		1/2	
3/4	41,249	3/4	30,477	3/4	19,713	3/4	8,963	3/4	101	3/4		3/4		3/4		3/4		3/4	
11	41,025	11	30,252	11	19,489	11	8,738	11	82	11		11		11		11		11	
1/4	40,800	1/4	30,028	1/4	19,266	1/4	8,514	1/4	64	1/4		1/4		1/4		1/4		1/4	
1/2	40,576	1/2	29,804	1/2	19,042	1/2	8,290	1/2	45	1/2		1/2		1/2		1/2		1/2	
3/4	40,351	3/4	29,579	3/4	18,819	3/4	8,065	3/4	26	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/25/2008 CL - SW
CALCULATED: 04/26/2008 CL
PRINTED: 04/27/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1302"

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

LENGTH BETWEEN DRAFT MARKS: 159'-06"

April 27, 2008

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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 Pearland, Texas 77588

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BARGE "CBC 1302"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/4"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	28	7,978	18,444	28,974	39,629	50,284	60,938	71,593	82,248	92,903
1/4	46	8,200	18,868	29,196	39,851	50,506	61,160	71,815	82,470	93,125
1/2	63	8,422	19,872	29,418	40,073	50,778	61,382	72,037	82,692	93,347
3/4	82	8,644	19,086	29,840	40,295	50,949	61,504	72,259	82,868	93,568
1	100	8,866	19,300	29,862	40,517	51,171	61,826	72,481	83,136	93,790
1/4	166	9,088	19,514	30,084	40,739	51,393	62,048	72,703	83,368	94,012
1/2	211	9,309	19,729	30,306	40,961	51,615	62,270	72,925	83,580	94,234
3/4	267	9,531	19,943	30,528	41,183	51,837	62,492	73,147	83,802	94,456
2	322	9,753	20,157	30,750	41,405	52,059	62,714	73,369	84,024	94,678
1/4	415	9,975	20,371	30,972	41,627	52,281	62,936	73,591	84,246	94,900
1/2	507	10,197	20,585	31,194	41,849	52,503	63,158	73,813	84,468	95,122
3/4	600	10,419	20,799	31,416	42,071	52,725	63,380	74,035	84,690	95,344
1	692	10,641	21,013	31,638	42,292	52,947	63,602	74,257	84,912	95,566
1/4	822	10,863	21,228	31,860	42,514	53,169	63,824	74,479	85,133	95,788
1/2	951	11,085	21,442	32,082	42,736	53,391	64,046	74,701	85,355	96,010
3/4	1,080	11,307	21,656	32,304	42,958	53,613	64,268	74,923	85,577	96,232
4	1,210	11,529	21,871	32,526	43,180	53,835	64,490	75,145	85,799	96,454
1/4	1,376	11,751	22,093	32,748	43,402	54,057	64,712	75,367	86,021	96,676
1/2	1,543	11,973	22,315	32,970	43,624	54,279	64,934	75,589	86,243	96,898
3/4	1,709	12,195	22,537	33,192	43,846	54,501	65,156	75,811	86,465	97,120
5	1,878	12,417	22,759	33,414	44,068	54,723	65,378	76,033	86,687	97,342
1/4	2,079	12,639	22,981	33,636	44,290	54,945	65,600	76,255	86,909	97,564
1/2	2,282	12,860	23,203	33,857	44,512	55,167	65,822	76,476	87,131	97,786
3/4	2,484	13,082	23,425	34,079	44,734	55,389	66,044	76,698	87,353	98,008
6	2,697	13,304	23,647	34,301	44,956	55,611	66,266	76,920	87,575	98,230
1/4	2,905	13,519	23,869	34,523	45,178	55,833	66,488	77,142	87,797	98,452
1/2	3,122	13,733	24,091	34,745	45,400	56,055	66,710	77,364	88,019	98,674
3/4	3,340	13,948	24,313	34,967	45,622	56,277	66,932	77,586	88,241	98,896
7	3,557	14,162	24,535	35,189	45,844	56,499	67,154	77,808	88,463	99,118
1/4	3,777	14,376	24,757	35,411	46,066	56,721	67,376	78,030	88,685	99,340
1/2	3,996	14,590	24,979	35,633	46,288	56,943	67,598	78,252	88,907	99,562
3/4	4,216	14,804	25,200	35,855	46,510	57,165	67,820	78,474	89,129	99,783
8	4,436	15,018	25,422	36,077	46,732	57,387	68,041	78,695	89,351	100,005
1/4	4,656	15,233	25,644	36,299	46,954	57,609	68,263	78,918	89,573	100,227
1/2	4,876	15,447	25,866	36,521	47,176	57,831	68,485	79,140	89,795	100,449
3/4	5,097	15,661	26,088	36,743	47,398	58,053	68,707	79,362	90,017	100,671
9	5,318	15,875	26,310	36,965	47,620	58,275	68,929	79,584	90,239	100,893
1/4	5,539	16,089	26,532	37,187	47,842	58,497	69,151	79,806	90,461	101,115
1/2	5,760	16,303	26,754	37,409	48,064	58,719	69,373	80,028	90,683	101,337
3/4	5,982	16,517	26,976	37,631	48,286	58,941	69,595	80,250	90,905	101,559
10	6,203	16,731	27,198	37,853	48,508	59,163	69,817	80,472	91,127	101,780
1/4	6,425	16,945	27,420	38,075	48,730	59,384	70,039	80,694	91,349	102,002
1/2	6,646	17,159	27,642	38,297	48,952	59,606	70,261	80,916	91,571	102,224
3/4	6,868	17,373	27,864	38,519	49,174	59,828	70,483	81,138	91,793	102,446
11	7,090	17,588	28,086	38,741	49,396	60,050	70,705	81,360	92,015	102,668
1/4	7,312	17,802	28,308	38,963	49,618	60,272	70,927	81,582	92,237	102,890
1/2	7,534	18,016	28,530	39,185	49,840	60,494	71,149	81,804	92,459	103,112
3/4	7,756	18,230	28,752	39,407	50,062	60,716	71,371	82,026	92,681	103,334

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

Portland, Texas 77568

http://www.ipmcorp.net



BARGE "CBC 1302"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	103,555	0	114,206	0	124,820	0	135,375	0	144,044	0		0		0		0		0	
1/4	103,777	1/4	114,428	1/4	125,040	1/4	135,595	1/4	144,059	1/4		1/4		1/4		1/4		1/4	
1/2	103,999	1/2	114,650	1/2	125,260	1/2	135,814	1/2	144,075	1/2		1/2		1/2		1/2		1/2	
3/4	104,221	3/4	114,871	3/4	125,480	3/4	136,034	3/4	144,090	3/4		3/4		3/4		3/4		3/4	
1	104,443	1	115,093	1	125,700	1	136,253	1	144,106	1		1		1		1		1	
1/4	104,665	1/4	115,315	1/4	125,920	1/4	136,473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	104,887	1/2	115,537	1/2	126,140	1/2	136,693	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105,109	3/4	115,759	3/4	126,360	3/4	136,913	3/4		3/4		3/4		3/4		3/4		3/4	
2	105,331	2	116,981	2	126,580	2	137,133	2		2		2		2		2		2	
1/4	105,552	1/4	116,203	1/4	126,800	1/4	137,353	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	105,774	1/2	116,425	1/2	127,020	1/2	137,574	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105,996	3/4	116,647	3/4	127,240	3/4	137,794	3/4		3/4		3/4		3/4		3/4		3/4	
3	106,218	3	116,868	3	127,460	3	138,014	3		3		3		3		3		3	
1/4	106,440	1/4	117,090	1/4	127,680	1/4	138,233	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,662	1/2	117,312	1/2	127,900	1/2	138,451	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,884	3/4	117,534	3/4	128,120	3/4	138,670	3/4		3/4		3/4		3/4		3/4		3/4	
4	107,106	4	117,756	4	128,341	4	138,889	4		4		4		4		4		4	
1/4	107,327	1/4	117,978	1/4	128,561	1/4	139,108	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,549	1/2	118,200	1/2	128,781	1/2	139,327	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,771	3/4	118,422	3/4	129,001	3/4	139,546	3/4		3/4		3/4		3/4		3/4		3/4	
5	107,993	5	118,643	5	129,221	5	139,765	5		5		5		5		5		5	
1/4	108,215	1/4	118,865	1/4	129,441	1/4	139,984	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,437	1/2	119,087	1/2	129,661	1/2	140,203	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,659	3/4	119,309	3/4	129,881	3/4	140,421	3/4		3/4		3/4		3/4		3/4		3/4	
6	108,881	6	119,531	6	130,101	6	140,640	6		6		6		6		6		6	
1/4	109,103	1/4	119,753	1/4	130,321	1/4	140,859	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,324	1/2	119,975	1/2	130,541	1/2	141,078	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,546	3/4	120,197	3/4	130,761	3/4	141,297	3/4		3/4		3/4		3/4		3/4		3/4	
7	109,768	7	120,419	7	130,981	7	141,516	7		7		7		7		7		7	
1/4	109,990	1/4	120,639	1/4	131,201	1/4	141,716	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,212	1/2	120,859	1/2	131,421	1/2	141,917	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,434	3/4	121,079	3/4	131,641	3/4	142,117	3/4		3/4		3/4		3/4		3/4		3/4	
8	110,656	8	121,299	8	131,861	8	142,318	8		8		8		8		8		8	
1/4	110,878	1/4	121,519	1/4	132,081	1/4	142,481	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,099	1/2	121,739	1/2	132,302	1/2	142,644	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,321	3/4	121,959	3/4	132,522	3/4	142,808	3/4		3/4		3/4		3/4		3/4		3/4	
9	111,543	9	122,179	9	132,742	9	142,971	9		9		9		9		9		9	
1/4	111,765	1/4	122,399	1/4	132,961	1/4	143,098	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,987	1/2	122,619	1/2	133,181	1/2	143,224	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,209	3/4	122,839	3/4	133,400	3/4	143,350	3/4		3/4		3/4		3/4		3/4		3/4	
10	112,431	10	123,059	10	133,620	10	143,477	10		10		10		10		10		10	
1/4	112,653	1/4	123,279	1/4	133,839	1/4	143,566	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,875	1/2	123,499	1/2	134,058	1/2	143,656	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,096	3/4	123,719	3/4	134,278	3/4	143,745	3/4		3/4		3/4		3/4		3/4		3/4	
11	113,318	11	123,939	11	134,497	11	143,834	11		11		11		11		11		11	
1/4	113,540	1/4	124,159	1/4	134,717	1/4	143,887	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,762	1/2	124,380	1/2	134,936	1/2	143,939	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,984	3/4	124,600	3/4	135,156	3/4	143,992	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/25/2008 CL - SW
CALCULATED: 04/28/2008 CL
PRINTED: 04/27/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

PRECISION MEASUREMENT
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BARGE "CBC 1302"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01 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	9,030	0	20,917	0	32,864	0	44,928	0	56,992	0	69,057	0	81,121	0	93,185	0	105,249
1/4	47	1/4	9,281	1/4	21,161	1/4	33,115	1/4	45,180	1/4	57,244	1/4	69,308	1/4	81,372	1/4	93,436	1/4	105,501
1/2	68	1/2	9,532	1/2	21,405	1/2	33,367	1/2	45,431	1/2	57,495	1/2	69,559	1/2	81,624	1/2	93,688	1/2	105,752
3/4	89	3/4	9,784	3/4	21,649	3/4	33,618	3/4	45,682	3/4	57,746	3/4	69,811	3/4	81,875	3/4	93,939	3/4	106,003
1	110	1	10,035	1	21,893	1	33,869	1	45,934	1	57,998	1	70,062	1	82,126	1	94,190	1	106,255
1 1/4	173	1 1/4	10,286	1 1/4	22,136	1 1/4	34,121	1 1/4	46,186	1 1/4	58,249	1 1/4	70,313	1 1/4	82,378	1 1/4	94,442	1 1/4	106,506
1 1/2	236	1 1/2	10,537	1 1/2	22,380	1 1/2	34,372	1 1/2	46,436	1 1/2	58,500	1 1/2	70,565	1 1/2	82,629	1 1/2	94,693	1 1/2	106,757
3/4	298	3/4	10,789	3/4	22,624	3/4	34,623	3/4	46,688	3/4	58,752	3/4	70,816	3/4	82,880	3/4	94,944	3/4	107,009
2	361	2	11,040	2	22,868	2	34,875	2	46,939	2	59,003	2	71,067	2	83,132	2	95,196	2	107,260
2 1/4	466	2 1/4	11,291	2 1/4	23,112	2 1/4	35,126	2 1/4	47,190	2 1/4	59,254	2 1/4	71,319	2 1/4	83,383	2 1/4	95,447	2 1/4	107,511
2 1/2	571	2 1/2	11,543	2 1/2	23,356	2 1/2	35,377	2 1/2	47,442	2 1/2	59,506	2 1/2	71,570	2 1/2	83,634	2 1/2	95,698	2 1/2	107,763
3/4	676	3/4	11,794	3/4	23,600	3/4	35,629	3/4	47,693	3/4	59,767	3/4	71,821	3/4	83,886	3/4	95,950	3/4	108,014
3	780	3	12,045	3	23,844	3	35,880	3	47,944	3	60,008	3	72,073	3	84,137	3	96,201	3	108,265
3 1/4	927	3 1/4	12,297	3 1/4	24,088	3 1/4	36,131	3 1/4	48,196	3 1/4	60,260	3 1/4	72,324	3 1/4	84,388	3 1/4	96,452	3 1/4	108,517
3 1/2	1,073	3 1/2	12,548	3 1/2	24,333	3 1/2	36,383	3 1/2	48,447	3 1/2	60,511	3 1/2	72,575	3 1/2	84,640	3 1/2	96,704	3 1/2	108,768
3/4	1,220	3/4	12,799	3/4	24,577	3/4	36,634	3/4	48,698	3/4	60,762	3/4	72,827	3/4	84,891	3/4	96,955	3/4	109,019
4	1,366	4	13,051	4	24,821	4	36,885	4	48,950	4	61,014	4	73,078	4	85,142	4	97,206	4	109,271
4 1/4	1,555	4 1/4	13,302	4 1/4	25,073	4 1/4	37,137	4 1/4	49,201	4 1/4	61,265	4 1/4	73,329	4 1/4	85,394	4 1/4	97,458	4 1/4	109,522
4 1/2	1,743	4 1/2	13,553	4 1/2	25,324	4 1/2	37,388	4 1/2	49,452	4 1/2	61,516	4 1/2	73,581	4 1/2	85,645	4 1/2	97,709	4 1/2	109,773
3/4	1,932	3/4	13,804	3/4	25,575	3/4	37,639	3/4	49,704	3/4	61,768	3/4	73,832	3/4	85,896	3/4	97,960	3/4	110,025
5	2,120	5	14,056	5	25,827	5	37,891	5	49,955	5	62,019	5	74,083	5	86,148	5	98,212	5	110,276
5 1/4	2,350	5 1/4	14,307	5 1/4	26,078	5 1/4	38,142	5 1/4	50,206	5 1/4	62,271	5 1/4	74,335	5 1/4	86,399	5 1/4	98,463	5 1/4	110,527
5 1/2	2,580	5 1/2	14,558	5 1/2	26,329	5 1/2	38,393	5 1/2	50,458	5 1/2	62,522	5 1/2	74,586	5 1/2	86,650	5 1/2	98,714	5 1/2	110,779
3/4	2,809	3/4	14,810	3/4	26,581	3/4	38,645	3/4	50,709	3/4	62,773	3/4	74,837	3/4	86,902	3/4	98,966	3/4	111,030
6	3,039	6	15,061	6	26,832	6	38,896	6	50,960	6	63,026	6	75,089	6	87,153	6	99,217	6	111,281
6 1/4	3,286	6 1/4	15,305	6 1/4	27,083	6 1/4	39,147	6 1/4	51,212	6 1/4	63,276	6 1/4	75,340	6 1/4	87,404	6 1/4	99,468	6 1/4	111,533
6 1/2	3,532	6 1/2	15,549	6 1/2	27,336	6 1/2	39,399	6 1/2	51,463	6 1/2	63,527	6 1/2	75,591	6 1/2	87,656	6 1/2	99,720	6 1/2	111,784
3/4	3,778	3/4	15,794	3/4	27,586	3/4	39,650	3/4	51,714	3/4	63,779	3/4	75,843	3/4	87,907	3/4	99,971	3/4	112,035
7	4,024	7	16,038	7	27,837	7	39,901	7	51,966	7	64,030	7	76,094	7	88,158	7	100,222	7	112,287
7 1/4	4,273	7 1/4	16,282	7 1/4	28,089	7 1/4	40,153	7 1/4	52,217	7 1/4	64,281	7 1/4	76,346	7 1/4	88,410	7 1/4	100,474	7 1/4	112,538
7 1/2	4,521	7 1/2	16,526	7 1/2	28,340	7 1/2	40,404	7 1/2	52,468	7 1/2	64,533	7 1/2	76,597	7 1/2	88,661	7 1/2	100,725	7 1/2	112,789
3/4	4,770	3/4	16,770	3/4	28,591	3/4	40,655	3/4	52,720	3/4	64,784	3/4	76,848	3/4	88,912	3/4	100,977	3/4	113,040
8	5,018	8	17,014	8	28,843	8	40,907	8	52,971	8	65,036	8	77,099	8	89,164	8	101,228	8	113,292
8 1/4	5,268	8 1/4	17,258	8 1/4	29,094	8 1/4	41,158	8 1/4	53,222	8 1/4	65,287	8 1/4	77,351	8 1/4	89,416	8 1/4	101,479	8 1/4	113,543
8 1/2	5,518	8 1/2	17,502	8 1/2	29,345	8 1/2	41,409	8 1/2	53,474	8 1/2	65,538	8 1/2	77,602	8 1/2	89,666	8 1/2	101,731	8 1/2	113,794
3/4	5,768	3/4	17,746	3/4	29,597	3/4	41,661	3/4	53,725	3/4	65,789	3/4	77,853	3/4	89,918	3/4	101,982	3/4	114,045
9	6,018	9	17,990	9	29,848	9	41,912	9	53,976	9	66,041	9	78,105	9	90,169	9	102,233	9	114,297
9 1/4	6,268	9 1/4	18,233	9 1/4	30,099	9 1/4	42,163	9 1/4	54,228	9 1/4	66,292	9 1/4	78,356	9 1/4	90,420	9 1/4	102,485	9 1/4	114,548
9 1/2	6,519	9 1/2	18,477	9 1/2	30,351	9 1/2	42,415	9 1/2	54,479	9 1/2	66,543	9 1/2	78,607	9 1/2	90,672	9 1/2	102,736	9 1/2	114,799
3/4	6,769	3/4	18,721	3/4	30,602	3/4	42,666	3/4	54,730	3/4	66,795	3/4	78,859	3/4	90,923	3/4	102,987	3/4	115,050
10	7,020	10	18,965	10	30,853	10	42,918	10	54,982	10	67,046	10	79,110	10	91,174	10	103,239	10	115,302
10 1/4	7,271	10 1/4	19,209	10 1/4	31,105	10 1/4	43,169	10 1/4	55,233	10 1/4	67,297	10 1/4	79,361	10 1/4	91,426	10 1/4	103,490	10 1/4	115,553
10 1/2	7,522	10 1/2	19,453	10 1/2	31,356	10 1/2	43,420	10 1/2	55,484	10 1/2	67,549	10 1/2	79,613	10 1/2	91,677	10 1/2	103,741	10 1/2	115,804
3/4	7,773	3/4	19,697	3/4	31,607	3/4	43,672	3/4	55,736	3/4	67,800	3/4	79,864	3/4	91,928	3/4	103,993	3/4	116,055
11	8,024	11	19,941	11	31,859	11	43,923	11	55,987	11	68,051	11	80,115	11	92,180	11	104,244	11	116,306
11 1/4	8,276	11 1/4	20,185	11 1/4	32,110	11 1/4	44,174	11 1/4	56,238	11 1/4	68,303	11 1/4	80,367	11 1/4	92,431	11 1/4	104,495	11 1/4	116,558
11 1/2	8,527	11 1/2	20,429	11 1/2	32,361	11 1/2	44,426	11 1/2	56,490	11 1/2	68,554	11 1/2	80,618	11 1/2	92,682	11 1/2	104,747	11 1/2	116,809
3/4	8,778	3/4	20,673	3/4	32,613	3/4	44,677	3/4	56,741	3/4	68,805	3/4	80,869	3/4	92,934	3/4	104,998	3/4	117,060

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

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Paul J. Adams



BARGE "CBC 1302"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-01 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	117,311	0	129,371	0	141,388	0	153,340	0	163,156	0		0		0		0		0	
1/4	117,563	1/4	129,622	1/4	141,638	1/4	153,589	1/4	163,173	1/4		1/4		1/4		1/4		1/4	
1/2	117,814	1/2	129,873	1/2	141,887	1/2	153,837	1/2	163,191	1/2		1/2		1/2		1/2		1/2	
3/4	118,065	3/4	130,124	3/4	142,136	3/4	154,086	3/4	163,208	3/4		3/4		3/4		3/4		3/4	
1	118,316	1	130,376	1	142,385	1	154,334	1	163,226	1		1		1		1		1	
1/4	118,568	1/4	130,627	1/4	142,634	1/4	154,584	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,819	1/2	130,878	1/2	142,883	1/2	154,833	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,070	3/4	131,129	3/4	143,133	3/4	155,082	3/4		3/4		3/4		3/4		3/4		3/4	
2	119,321	2	131,380	2	143,382	2	155,331	2		2		2		2		2		2	
1/4	119,572	1/4	131,632	1/4	143,631	1/4	155,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,824	1/2	131,883	1/2	143,880	1/2	155,829	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,076	3/4	132,134	3/4	144,129	3/4	156,079	3/4		3/4		3/4		3/4		3/4		3/4	
3	120,326	3	132,385	3	144,378	3	156,328	3		3		3		3		3		3	
1/4	120,577	1/4	132,637	1/4	144,628	1/4	156,576	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,829	1/2	132,888	1/2	144,877	1/2	156,823	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,080	3/4	133,139	3/4	145,126	3/4	157,071	3/4		3/4		3/4		3/4		3/4		3/4	
4	121,331	4	133,390	4	145,375	4	157,319	4		4		4		4		4		4	
1/4	121,582	1/4	133,642	1/4	145,624	1/4	157,567	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,834	1/2	133,893	1/2	145,873	1/2	157,815	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,085	3/4	134,144	3/4	146,123	3/4	158,063	3/4		3/4		3/4		3/4		3/4		3/4	
5	122,336	5	134,395	5	146,372	5	158,311	5		5		5		5		5		5	
1/4	122,587	1/4	134,647	1/4	146,621	1/4	158,558	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,839	1/2	134,898	1/2	146,870	1/2	158,806	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,090	3/4	135,149	3/4	147,119	3/4	159,054	3/4		3/4		3/4		3/4		3/4		3/4	
6	123,341	6	135,400	6	147,368	6	159,302	6		6		6		6		6		6	
1/4	123,592	1/4	135,651	1/4	147,618	1/4	159,550	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,843	1/2	135,903	1/2	147,867	1/2	159,798	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,095	3/4	136,154	3/4	148,116	3/4	160,046	3/4		3/4		3/4		3/4		3/4		3/4	
7	124,346	7	136,405	7	148,365	7	160,293	7		7		7		7		7		7	
1/4	124,597	1/4	136,654	1/4	148,614	1/4	160,520	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,848	1/2	136,903	1/2	148,863	1/2	160,747	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,100	3/4	137,153	3/4	149,113	3/4	160,974	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,351	8	137,402	8	149,362	8	161,201	8		8		8		8		8		8	
1/4	125,602	1/4	137,651	1/4	149,611	1/4	161,386	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,853	1/2	137,900	1/2	149,860	1/2	161,571	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,105	3/4	138,149	3/4	150,109	3/4	161,756	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,356	9	138,398	9	150,358	9	161,941	9		9		9		9		9		9	
1/4	126,607	1/4	138,648	1/4	150,607	1/4	162,084	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,858	1/2	138,897	1/2	150,855	1/2	162,227	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,110	3/4	139,146	3/4	151,104	3/4	162,370	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,361	10	139,395	10	151,352	10	162,514	10		10		10		10		10		10	
1/4	127,612	1/4	139,644	1/4	151,601	1/4	162,615	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,863	1/2	139,893	1/2	151,849	1/2	162,716	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,114	3/4	140,143	3/4	152,098	3/4	162,817	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,366	11	140,392	11	152,346	11	162,919	11		11		11		11		11		11	
1/4	128,617	1/4	140,641	1/4	152,595	1/4	162,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,868	1/2	140,890	1/2	152,843	1/2	163,037	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,119	3/4	141,139	3/4	153,092	3/4	163,097	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 04/25/2008 CL - SW
CALCULATED: 04/26/2008 CL
PRINTED: 04/27/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1302"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	8,065	0	18,819	0	29,579	0	40,351	0	51,124	0	61,896	0	72,668	0	83,440	0	94,212
1/4	45	1/4	8,290	1/4	19,042	1/4	29,804	1/4	40,576	1/4	51,348	1/4	62,120	1/4	72,892	1/4	83,665	1/4	94,437
1/2	64	1/2	8,514	1/2	19,266	1/2	30,028	1/2	40,800	1/2	51,572	1/2	62,345	1/2	73,117	1/2	83,889	1/2	94,661
3/4	82	3/4	8,738	3/4	19,489	3/4	30,252	3/4	41,025	3/4	51,797	3/4	62,569	3/4	73,341	3/4	84,114	3/4	94,886
1	101	1	8,963	1	19,713	1	30,477	1	41,249	1	52,021	1	62,794	1	73,566	1	84,338	1	95,110
1/4	167	1/4	9,187	1/4	19,937	1/4	30,701	1/4	41,474	1/4	52,246	1/4	63,018	1/4	73,790	1/4	84,562	1/4	95,335
1/2	213	1/2	9,412	1/2	20,160	1/2	30,926	1/2	41,698	1/2	52,470	1/2	63,242	1/2	74,015	1/2	84,787	1/2	95,559
3/4	259	3/4	9,636	3/4	20,384	3/4	31,150	3/4	41,922	3/4	52,695	3/4	63,467	3/4	74,239	3/4	85,011	3/4	95,783
2	325	2	9,860	2	20,607	2	31,375	2	42,147	2	52,919	2	63,691	2	74,483	2	85,236	2	96,008
1/4	418	1/4	10,085	1/4	20,831	1/4	31,599	1/4	42,371	1/4	53,143	1/4	63,916	1/4	74,888	1/4	85,460	1/4	96,232
1/2	512	1/2	10,309	1/2	21,055	1/2	31,823	1/2	42,596	1/2	53,368	1/2	64,140	1/2	74,912	1/2	85,684	1/2	96,457
3/4	606	3/4	10,534	3/4	21,278	3/4	32,048	3/4	42,820	3/4	53,592	3/4	64,364	3/4	75,137	3/4	85,909	3/4	96,681
3	699	3	10,758	3	21,502	3	32,272	3	43,044	3	53,817	3	64,589	3	75,381	3	86,133	3	96,906
1/4	830	1/4	10,982	1/4	21,726	1/4	32,497	1/4	43,269	1/4	54,041	1/4	64,813	1/4	75,586	1/4	86,358	1/4	97,130
1/2	961	1/2	11,207	1/2	21,950	1/2	32,721	1/2	43,493	1/2	54,266	1/2	65,038	1/2	75,810	1/2	86,582	1/2	97,354
3/4	1,092	3/4	11,431	3/4	22,174	3/4	32,946	3/4	43,718	3/4	54,490	3/4	65,262	3/4	76,034	3/4	86,807	3/4	97,579
4	1,223	4	11,656	4	22,398	4	33,170	4	43,942	4	54,714	4	65,487	4	76,259	4	87,031	4	97,803
1/4	1,391	1/4	11,880	1/4	22,622	1/4	33,394	1/4	44,167	1/4	54,939	1/4	65,711	1/4	76,483	1/4	87,255	1/4	98,028
1/2	1,559	1/2	12,104	1/2	22,847	1/2	33,619	1/2	44,391	1/2	55,163	1/2	65,935	1/2	76,708	1/2	87,480	1/2	98,252
3/4	1,728	3/4	12,329	3/4	23,071	3/4	33,843	3/4	44,615	3/4	55,388	3/4	66,160	3/4	76,932	3/4	87,704	3/4	98,476
5	1,896	5	12,553	5	23,295	5	34,068	5	44,840	5	55,612	5	66,384	5	77,156	5	87,929	5	98,701
1/4	2,101	1/4	12,777	1/4	23,520	1/4	34,292	1/4	45,064	1/4	55,836	1/4	66,609	1/4	77,381	1/4	88,153	1/4	98,925
1/2	2,306	1/2	13,002	1/2	23,744	1/2	34,516	1/2	45,289	1/2	56,061	1/2	66,833	1/2	77,605	1/2	88,378	1/2	99,150
3/4	2,511	3/4	13,226	3/4	23,969	3/4	34,741	3/4	45,513	3/4	56,285	3/4	67,058	3/4	77,830	3/4	88,602	3/4	99,374
6	2,716	6	13,451	6	24,193	6	34,965	6	45,738	6	56,510	6	67,282	6	78,054	6	88,826	6	99,599
1/4	2,936	1/4	13,675	1/4	24,418	1/4	35,190	1/4	45,962	1/4	56,734	1/4	67,506	1/4	78,279	1/4	89,051	1/4	99,823
1/2	3,156	1/2	13,898	1/2	24,642	1/2	35,414	1/2	46,186	1/2	56,959	1/2	67,731	1/2	78,503	1/2	89,275	1/2	100,047
3/4	3,376	3/4	14,122	3/4	24,866	3/4	35,639	3/4	46,411	3/4	57,183	3/4	67,955	3/4	78,727	3/4	89,500	3/4	100,272
7	3,586	7	14,346	7	25,091	7	35,863	7	46,635	7	57,407	7	68,180	7	78,952	7	89,724	7	100,496
1/4	3,818	1/4	14,570	1/4	25,315	1/4	36,087	1/4	46,860	1/4	57,632	1/4	68,404	1/4	79,176	1/4	89,948	1/4	100,721
1/2	4,040	1/2	14,794	1/2	25,540	1/2	36,312	1/2	47,084	1/2	57,856	1/2	68,628	1/2	79,401	1/2	90,173	1/2	100,945
3/4	4,262	3/4	15,017	3/4	25,764	3/4	36,536	3/4	47,308	3/4	58,081	3/4	68,853	3/4	79,625	3/4	90,397	3/4	101,170
8	4,484	8	15,241	8	25,988	8	36,761	8	47,533	8	58,305	8	69,077	8	79,850	8	90,622	8	101,394
1/4	4,707	1/4	15,464	1/4	26,213	1/4	36,986	1/4	47,757	1/4	58,530	1/4	69,302	1/4	80,074	1/4	90,846	1/4	101,618
1/2	4,930	1/2	15,688	1/2	26,437	1/2	37,210	1/2	47,982	1/2	58,754	1/2	69,526	1/2	80,298	1/2	91,071	1/2	101,843
3/4	5,153	3/4	15,912	3/4	26,662	3/4	37,434	3/4	48,206	3/4	58,978	3/4	69,751	3/4	80,523	3/4	91,295	3/4	102,067
9	5,376	9	16,135	9	26,886	9	37,658	9	48,431	9	59,203	9	69,975	9	80,747	9	91,519	9	102,292
1/4	5,600	1/4	16,359	1/4	27,111	1/4	37,883	1/4	48,655	1/4	59,427	1/4	70,199	1/4	80,972	1/4	91,744	1/4	102,516
1/2	5,823	1/2	16,582	1/2	27,335	1/2	38,107	1/2	48,879	1/2	59,652	1/2	70,424	1/2	81,196	1/2	91,968	1/2	102,740
3/4	6,047	3/4	16,806	3/4	27,559	3/4	38,332	3/4	49,104	3/4	59,876	3/4	70,648	3/4	81,420	3/4	92,193	3/4	102,965
10	6,271	10	17,030	10	27,784	10	38,556	10	49,328	10	60,100	10	70,873	10	81,645	10	92,417	10	103,189
1/4	6,495	1/4	17,253	1/4	28,008	1/4	38,780	1/4	49,553	1/4	60,325	1/4	71,097	1/4	81,869	1/4	92,642	1/4	103,414
1/2	6,719	1/2	17,477	1/2	28,233	1/2	39,005	1/2	49,777	1/2	60,549	1/2	71,322	1/2	82,094	1/2	92,866	1/2	103,638
3/4	6,943	3/4	17,701	3/4	28,457	3/4	39,229	3/4	50,002	3/4	60,774	3/4	71,546	3/4	82,318	3/4	93,090	3/4	103,862
11	7,168	11	17,924	11	28,682	11	39,454	11	50,226	11	60,998	11	71,770	11	82,543	11	93,315	11	104,087
1/4	7,392	1/4	18,148	1/4	28,906	1/4	39,678	1/4	50,450	1/4	61,223	1/4	71,995	1/4	82,767	1/4	93,539	1/4	104,311
1/2	7,616	1/2	18,371	1/2	29,130	1/2	39,903	1/2	50,676	1/2	61,447	1/2	72,219	1/2	82,991	1/2	93,764	1/2	104,536
3/4	7,841	3/4	18,595	3/4	29,355	3/4	40,127	3/4	50,899	3/4	61,671	3/4	72,444	3/4	83,216	3/4	93,988	3/4	104,760

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

Paul J. Adams



BARGE "CBC 1302"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,985	0	115,756	0	126,491	0	137,165	0	145,931	0		0		0		0		0	
1/4	105,209	1/4	115,981	1/4	126,713	1/4	137,387	1/4	145,947	1/4		1/4		1/4		1/4		1/4	
1/2	105,433	1/2	116,205	1/2	126,936	1/2	137,608	1/2	145,962	1/2		1/2		1/2		1/2		1/2	
3/4	105,658	3/4	116,430	3/4	127,158	3/4	137,830	3/4	145,978	3/4		3/4		3/4		3/4		3/4	
1	105,882	1	116,654	1	127,381	1	138,052	1	145,994	1		1		1		1		1	
1/4	106,107	1/4	116,879	1/4	127,603	1/4	138,275	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,331	1/2	117,103	1/2	127,826	1/2	138,497	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,555	3/4	117,327	3/4	128,048	3/4	138,720	3/4		3/4		3/4		3/4		3/4		3/4	
2	106,780	2	117,552	2	128,271	2	138,942	2		2		2		2		2		2	
1/4	107,004	1/4	117,776	1/4	128,493	1/4	139,165	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,229	1/2	118,001	1/2	128,716	1/2	139,388	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,453	3/4	118,225	3/4	128,938	3/4	139,610	3/4		3/4		3/4		3/4		3/4		3/4	
3	107,678	3	118,449	3	129,161	3	139,833	3		3		3		3		3		3	
1/4	107,902	1/4	118,674	1/4	129,383	1/4	140,054	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,126	1/2	118,898	1/2	129,606	1/2	140,276	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,351	3/4	119,123	3/4	129,828	3/4	140,497	3/4		3/4		3/4		3/4		3/4		3/4	
4	108,575	4	119,347	4	130,051	4	140,718	4		4		4		4		4		4	
1/4	108,800	1/4	119,572	1/4	130,273	1/4	140,939	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,024	1/2	119,796	1/2	130,496	1/2	141,161	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,248	3/4	120,020	3/4	130,718	3/4	141,382	3/4		3/4		3/4		3/4		3/4		3/4	
5	109,473	5	120,245	5	130,941	5	141,603	5		5		5		5		5		5	
1/4	109,697	1/4	120,469	1/4	131,164	1/4	141,825	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,922	1/2	120,694	1/2	131,386	1/2	142,046	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,146	3/4	120,918	3/4	131,609	3/4	142,267	3/4		3/4		3/4		3/4		3/4		3/4	
6	110,371	6	121,142	6	131,831	6	142,489	6		6		6		6		6		6	
1/4	110,596	1/4	121,367	1/4	132,054	1/4	142,710	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,819	1/2	121,591	1/2	132,276	1/2	142,931	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,044	3/4	121,816	3/4	132,499	3/4	143,153	3/4		3/4		3/4		3/4		3/4		3/4	
7	111,268	7	122,040	7	132,721	7	143,374	7		7		7		7		7		7	
1/4	111,493	1/4	122,263	1/4	132,944	1/4	143,577	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,717	1/2	122,485	1/2	133,166	1/2	143,779	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,941	3/4	122,708	3/4	133,389	3/4	143,982	3/4		3/4		3/4		3/4		3/4		3/4	
8	112,166	8	122,930	8	133,611	8	144,185	8		8		8		8		8		8	
1/4	112,390	1/4	123,153	1/4	133,834	1/4	144,360	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,615	1/2	123,375	1/2	134,056	1/2	144,515	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,839	3/4	123,598	3/4	134,279	3/4	144,681	3/4		3/4		3/4		3/4		3/4		3/4	
9	113,063	9	123,820	9	134,501	9	144,846	9		9		9		9		9		9	
1/4	113,288	1/4	124,043	1/4	134,723	1/4	144,974	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,512	1/2	124,265	1/2	134,945	1/2	145,101	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,737	3/4	124,488	3/4	135,167	3/4	145,229	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,961	10	124,710	10	135,389	10	145,357	10		10		10		10		10		10	
1/4	114,186	1/4	124,933	1/4	135,611	1/4	145,448	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,410	1/2	125,155	1/2	135,833	1/2	145,538	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,634	3/4	125,378	3/4	136,056	3/4	145,628	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,859	11	125,600	11	136,277	11	145,719	11		11		11		11		11		11	
1/4	115,083	1/4	125,823	1/4	136,499	1/4	145,772	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,308	1/2	126,045	1/2	136,721	1/2	145,825	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,532	3/4	126,268	3/4	136,943	3/4	145,878	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/26/2008 CL - SW
CALCULATED: 04/26/2008 CL
PRINTED: 04/27/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

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