



BARGE "CBC 1302"

ULLAGE TRIM TABLE

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

$$\begin{aligned}
 \text{FWD. DRAFT} &= 2'-00'' \\
 \text{AFT DRAFT} &= 4'-00'' \\
 \text{DIFF.} &= \frac{4'-00''}{2'-00''} \quad (\text{DOWN BY STERN})
 \end{aligned}$$

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.**
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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	136,695	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	134,938	3/4	124,380	3/4	113,762	3/4	103,112	3/4	92,459	3/4	81,804	3/4	71,148	3/4	60,484
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	123,939	1 1/4	113,318	1 1/4	102,668	1 1/4	92,015	1 1/4	81,350	1 1/4	70,705	1 1/4	60,060
1 1/2	1 1/2	1 1/2	143,745	1 1/2	134,278	1 1/2	123,719	1 1/2	113,098	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
1 3/4	1 3/4	1 3/4	143,656	1 3/4	134,058	1 3/4	123,499	1 3/4	112,875	1 3/4	102,224	1 3/4	91,571	1 3/4	80,916	1 3/4	70,261	1 3/4	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
2 1/4	2 1/4	2 1/4	143,477	2 1/4	133,620	2 1/4	123,059	2 1/4	112,431	2 1/4	101,780	2 1/4	91,127	2 1/4	80,472	2 1/4	69,817	2 1/4	59,153
2 1/2	2 1/2	2 1/2	143,350	2 1/2	133,400	2 1/2	122,839	2 1/2	112,209	2 1/2	101,559	2 1/2	90,905	2 1/2	80,250	2 1/2	69,595	2 1/2	58,941
2 3/4	2 3/4	2 3/4	143,224	2 3/4	133,181	2 3/4	122,618	2 3/4	111,987	2 3/4	101,337	2 3/4	90,683	2 3/4	80,028	2 3/4	69,373	2 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	58,497
3 1/4	3 1/4	3 1/4	142,971	3 1/4	132,742	3 1/4	122,179	3 1/4	111,543	3 1/4	100,893	3 1/4	90,239	3 1/4	79,584	3 1/4	68,929	3 1/4	58,275
3 1/2	3 1/2	3 1/2	142,808	3 1/2	132,522	3 1/2	121,958	3 1/2	111,321	3 1/2	100,671	3 1/2	90,017	3 1/2	79,362	3 1/2	68,707	3 1/2	58,053
3 3/4	3 3/4	3 3/4	142,644	3 3/4	132,302	3 3/4	121,739	3 3/4	111,099	3 3/4	100,449	3 3/4	89,795	3 3/4	79,140	3 3/4	68,486	3 3/4	57,831
4	4	4	142,481	4	132,081	4	121,519	4	110,878	4	100,227	4	89,573	4	78,918	4	68,263	4	57,609
4 1/4	4 1/4	4 1/4	142,318	4 1/4	131,861	4 1/4	121,298	4 1/4	110,656	4 1/4	100,005	4 1/4	89,351	4 1/4	78,696	4 1/4	68,041	4 1/4	57,387
4 1/2	4 1/2	4 1/2	142,117	4 1/2	131,641	4 1/2	121,079	4 1/2	110,434	4 1/2	99,783	4 1/2	89,129	4 1/2	78,474	4 1/2	67,820	4 1/2	57,165
4 3/4	4 3/4	4 3/4	141,917	4 3/4	131,421	4 3/4	120,858	4 3/4	110,212	4 3/4	99,562	4 3/4	88,907	4 3/4	78,252	4 3/4	67,598	4 3/4	56,943
5	5	5	141,716	5	131,201	5	120,639	5	109,990	5	99,340	5	88,685	5	78,030	5	67,376	5	56,721
5 1/4	5 1/4	5 1/4	141,516	5 1/4	130,981	5 1/4	120,419	5 1/4	109,768	5 1/4	99,118	5 1/4	88,465	5 1/4	77,808	5 1/4	67,154	5 1/4	56,499
5 1/2	5 1/2	5 1/2	141,297	5 1/2	130,761	5 1/2	120,197	5 1/2	109,546	5 1/2	98,896	5 1/2	88,241	5 1/2	77,586	5 1/2	66,932	5 1/2	56,277
5 3/4	5 3/4	5 3/4	141,078	5 3/4	130,541	5 3/4	119,975	5 3/4	109,324	5 3/4	98,674	5 3/4	88,019	5 3/4	77,364	5 3/4	66,710	5 3/4	56,055
6	6	6	140,859	6	130,321	6	119,753	6	109,103	6	98,452	6	87,797	6	77,142	6	66,488	6	55,833
6 1/4	6 1/4	6 1/4	140,640	6 1/4	130,101	6 1/4	119,531	6 1/4	108,881	6 1/4	98,230	6 1/4	87,575	6 1/4	76,920	6 1/4	66,266	6 1/4	55,611
6 1/2	6 1/2	6 1/2	140,421	6 1/2	129,881	6 1/2	119,309	6 1/2	108,659	6 1/2	98,008	6 1/2	87,353	6 1/2	76,698	6 1/2	66,044	6 1/2	55,389
6 3/4	6 3/4	6 3/4	140,203	6 3/4	129,661	6 3/4	119,087	6 3/4	108,437	6 3/4	97,786	6 3/4	87,131	6 3/4	76,476	6 3/4	65,822	6 3/4	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
7 1/4	7 1/4	7 1/4	139,765	7 1/4	129,221	7 1/4	118,643	7 1/4	107,993	7 1/4	97,342	7 1/4	86,687	7 1/4	76,033	7 1/4	65,378	7 1/4	54,723
7 1/2	7 1/2	7 1/2	139,546	7 1/2	129,001	7 1/2	118,422	7 1/2	107,771	7 1/2	97,120	7 1/2	86,465	7 1/2	75,811	7 1/2	65,156	7 1/2	54,501
7 3/4	7 3/4	7 3/4	139,327	7 3/4	128,781	7 3/4	118,200	7 3/4	107,549	7 3/4	96,898	7 3/4	86,243	7 3/4	75,589	7 3/4	64,934	7 3/4	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
8 1/4	8 1/4	8 1/4	138,889	8 1/4	128,341	8 1/4	117,756	8 1/4	107,106	8 1/4	96,454	8 1/4	85,799	8 1/4	75,146	8 1/4	64,490	8 1/4	53,835
8 1/2	8 1/2	8 1/2	138,670	8 1/2	128,120	8 1/2	117,534	8 1/2	106,884	8 1/2	96,232	8 1/2	85,577	8 1/2	74,923	8 1/2	64,268	8 1/2	53,613
8 3/4	8 3/4	8 3/4	138,451	8 3/4	127,900	8 3/4	117,312	8 3/4	106,662	8 3/4	96,010	8 3/4	85,355	8 3/4	74,701	8 3/4	64,046	8 3/4	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
9 1/4	9 1/4	9 1/4	138,014	9 1/4	127,460	9 1/4	116,868	9 1/4	106,218	9 1/4	95,566	9 1/4	84,912	9 1/4	74,257	9 1/4	63,602	9 1/4	52,947
9 1/2	9 1/2	9 1/2	137,794	9 1/2	127,240	9 1/2	116,647	9 1/2	105,996	9 1/2	95,344	9 1/2	84,690	9 1/2	74,035	9 1/2	63,380	9 1/2	52,725
9 3/4	9 3/4	9 3/4	137,574	9 3/4	127,020	9 3/4	116,425	9 3/4	105,774	9 3/4	95,122	9 3/4	84,468	9 3/4	73,813	9 3/4	63,158	9 3/4	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
10 1/4	10 1/4	10 1/4	137,133	10 1/4	126,580	10 1/4	115,981	10 1/4	105,331	10 1/4	94,678	10 1/4	84,024	10 1/4	73,369	10 1/4	62,714	10 1/4	52,059
10 1/2	10 1/2	10 1/2	136,913	10 1/2	126,360	10 1/2	115,759	10 1/2	105,109	10 1/2	94,456	10 1/2	83,802	10 1/2	73,147	10 1/2	62,492	10 1/2	51,837
10 3/4	10 3/4	10 3/4	136,693	10 3/4	126,140	10 3/4	115,537	10 3/4	104,887	10 3/4	94,234	10 3/4	83,580	10 3/4	72,925	10 3/4	62,270	10 3/4	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
11 1/4	11 1/4	11 1/4	136,253	11 1/4	125,700	11 1/4	115,093	11 1/4	104,443	11 1/4	93,790	11 1/4	83,136	11 1/4	72,481	11 1/4	61,826	11 1/4	51,171
11 1/2	11 1/2	11 1/2	136,034	11 1/2	125,480	11 1/2	114,871	11 1/2	104,221	11 1/2	93,568	11 1/2	82,914	11 1/2	72,259	11 1/2	61,604	11 1/2	50,949
11 3/4	11 3/4	11 3/4	135,814	11 3/4	125,260	11 3/4	114,650	11 3/4	103,999	11 3/4	93,347	11 3/4	82,692	11 3/4	72,037	11 3/4	61,382	11 3/4	50,728

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPMS CHAPTER 2.7.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAUGE GAUGES TAKEN TO THREADS ON "MHMC" VALVE.
 GAUGE POINT: (MHMC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

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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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	3/4	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	3/4	3/4	3/4	3/4
6	45,178	6	34,523	6	23,869	6	13,519	6	2,906	6		6	6	6	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1302"

2 CENTER ULLAGE 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	163,228	163,278	163,328	163,378	163,428	163,478	163,528	163,578	163,628	163,678	163,728	163,778	163,828	163,878	163,928	163,978	164,028	164,078	164,128
1/2	163,208	163,258	163,308	163,358	163,408	163,458	163,508	163,558	163,608	163,658	163,708	163,758	163,808	163,858	163,908	163,958	164,008	164,058	164,108
3/4	163,191	163,241	163,291	163,341	163,391	163,441	163,491	163,541	163,591	163,641	163,691	163,741	163,791	163,841	163,891	163,941	163,991	164,041	164,091
1	163,173	163,223	163,273	163,323	163,373	163,423	163,473	163,523	163,573	163,623	163,673	163,723	163,773	163,823	163,873	163,923	163,973	164,023	164,073
1 1/4	163,156	163,206	163,256	163,306	163,356	163,406	163,456	163,506	163,556	163,606	163,656	163,706	163,756	163,806	163,856	163,906	163,956	164,006	164,056
1 1/2	163,097	163,147	163,197	163,247	163,297	163,347	163,397	163,447	163,497	163,547	163,597	163,647	163,697	163,747	163,797	163,847	163,897	163,947	163,997
1 3/4	163,037	163,087	163,137	163,187	163,237	163,287	163,337	163,387	163,437	163,487	163,537	163,587	163,637	163,687	163,737	163,787	163,837	163,887	163,937
2	162,978	162,928	162,978	162,928	162,978	162,928	162,978	162,928	162,978	162,928	162,978	162,928	162,978	162,928	162,978	162,928	162,978	162,928	162,978
2 1/4	162,919	162,869	162,919	162,869	162,919	162,869	162,919	162,869	162,919	162,869	162,919	162,869	162,919	162,869	162,919	162,869	162,919	162,869	162,919
2 1/2	162,817	162,767	162,817	162,767	162,817	162,767	162,817	162,767	162,817	162,767	162,817	162,767	162,817	162,767	162,817	162,767	162,817	162,767	162,817
2 3/4	162,716	162,666	162,716	162,666	162,716	162,666	162,716	162,666	162,716	162,666	162,716	162,666	162,716	162,666	162,716	162,666	162,716	162,666	162,716
3	162,615	162,565	162,615	162,565	162,615	162,565	162,615	162,565	162,615	162,565	162,615	162,565	162,615	162,565	162,615	162,565	162,615	162,565	162,615
3 1/4	162,514	162,464	162,514	162,464	162,514	162,464	162,514	162,464	162,514	162,464	162,514	162,464	162,514	162,464	162,514	162,464	162,514	162,464	162,514
3 1/2	162,370	162,320	162,370	162,320	162,370	162,320	162,370	162,320	162,370	162,320	162,370	162,320	162,370	162,320	162,370	162,320	162,370	162,320	162,370
3 3/4	162,227	162,177	162,227	162,177	162,227	162,177	162,227	162,177	162,227	162,177	162,227	162,177	162,227	162,177	162,227	162,177	162,227	162,177	162,227
4	162,084	162,034	162,084	162,034	162,084	162,034	162,084	162,034	162,084	162,034	162,084	162,034	162,084	162,034	162,084	162,034	162,084	162,034	162,084
4 1/4	161,941	161,891	161,941	161,891	161,941	161,891	161,941	161,891	161,941	161,891	161,941	161,891	161,941	161,891	161,941	161,891	161,941	161,891	161,941
4 1/2	161,756	161,706	161,756	161,706	161,756	161,706	161,756	161,706	161,756	161,706	161,756	161,706	161,756	161,706	161,756	161,706	161,756	161,706	161,756
4 3/4	161,571	161,521	161,571	161,521	161,571	161,521	161,571	161,521	161,571	161,521	161,571	161,521	161,571	161,521	161,571	161,521	161,571	161,521	161,571
5	161,388	161,338	161,388	161,338	161,388	161,338	161,388	161,338	161,388	161,338	161,388	161,338	161,388	161,338	161,388	161,338	161,388	161,338	161,388
5 1/4	161,201	161,151	161,201	161,151	161,201	161,151	161,201	161,151	161,201	161,151	161,201	161,151	161,201	161,151	161,201	161,151	161,201	161,151	161,201
5 1/2	160,974	160,924	160,974	160,924	160,974	160,924	160,974	160,924	160,974	160,924	160,974	160,924	160,974	160,924	160,974	160,924	160,974	160,924	160,974
5 3/4	160,747	160,697	160,747	160,697	160,747	160,697	160,747	160,697	160,747	160,697	160,747	160,697	160,747	160,697	160,747	160,697	160,747	160,697	160,747
6	160,520	160,470	160,520	160,470	160,520	160,470	160,520	160,470	160,520	160,470	160,520	160,470	160,520	160,470	160,520	160,470	160,520	160,470	160,520
6 1/4	160,293	160,243	160,293	160,243	160,293	160,243	160,293	160,243	160,293	160,243	160,293	160,243	160,293	160,243	160,293	160,243	160,293	160,243	160,293
6 1/2	160,048	159,998	160,048	159,998	160,048	159,998	160,048	159,998	160,048	159,998	160,048	159,998	160,048	159,998	160,048	159,998	160,048	159,998	160,048
6 3/4	159,798	159,748	159,798	159,748	159,798	159,748	159,798	159,748	159,798	159,748	159,798	159,748	159,798	159,748	159,798	159,748	159,798	159,748	159,798
7	159,550	159,500	159,550	159,500	159,550	159,500	159,550	159,500	159,550	159,500	159,550	159,500	159,550	159,500	159,550	159,500	159,550	159,500	159,550
7 1/4	159,302	159,252	159,302	159,252	159,302	159,252	159,302	159,252	159,302	159,252	159,302	159,252	159,302	159,252	159,302	159,252	159,302	159,252	159,302
7 1/2	149,054	149,004	149,054	149,004	149,054	149,004	149,054	149,004	149,054	149,004	149,054	149,004	149,054	149,004	149,054	149,004	149,054	149,004	149,054
7 3/4	148,806	148,756	148,806	148,756	148,806	148,756	148,806	148,756	148,806	148,756	148,806	148,756	148,806	148,756	148,806	148,756	148,806	148,756	148,806
8	148,558	148,508	148,558	148,508	148,558	148,508	148,558	148,508	148,558	148,508	148,558	148,508	148,558	148,508	148,558	148,508	148,558	148,508	148,558
8 1/4	148,311	148,261	148,311	148,261	148,311	148,261	148,311	148,261	148,311	148,261	148,311	148,261	148,311	148,261	148,311	148,261	148,311	148,261	148,311
8 1/2	148,063	148,013	148,063	148,013	148,063	148,013	148,063	148,013	148,063	148,013	148,063	148,013	148,063	148,013	148,063	148,013	148,063	148,013	148,063
8 3/4	147,815	147,765	147,815	147,765	147,815	147,765	147,815	147,765	147,815	147,765	147,815	147,765	147,815	147,765	147,815	147,765	147,815	147,765	147,815
9	147,567	147,517	147,567	147,517	147,567	147,517	147,567	147,517	147,567	147,517	147,567	147,517	147,567	147,517	147,567	147,517	147,567	147,517	147,567
9 1/4	147,319	147,269	147,319	147,269	147,319	147,269	147,319	147,269	147,319	147,269	147,319	147,269	147,319	147,269	147,319	147,269	147,319	147,269	147,319
9 1/2	147,071	147,021	147,071	147,021	147,071	147,021	147,071	147,021	147,071	147,021	147,071	147,021	147,071	147,021	147,071	147,021	147,071	147,021	147,071
9 3/4	146,823	146,773	146,823	146,773	146,823	146,773	146,823	146,773	146,823	146,773	146,823	146,773	146,823	146,773	146,823	146,773	146,823	146,773	146,823
10	146,575	146,525	146,575	146,525	146,575	146,525	146,575	146,525	146,575	146,525	146,575	146,525	146,575	146,525	146,575	146,525	146,575	146,525	146,575
10 1/4	146,328	146,278	146,328	146,278	146,328	146,278	146,328	146,278	146,328	146,278	146,328	146,278	146,328	146,278	146,328	146,278	146,328	146,278	146,328
10 1/2	146,079	146,029	146,079	146,029	146,079	146,029	146,079	146,029	146,079	146,029	146,079	146,029	146,079	146,029	146,079	146,029	146,079	146,029	146,079
10 3/4	145,831	145,781	145,831	145,781	145,831	145,781	145,831	145,781	145,831	145,781	145,831	145,781	145,831	145,781	145,831	145,781	145,831	145,781	145,831
11	145,580	145,530	145,580	145,530	145,580	145,530	145,580	145,530	145,580	145,530	145,580	145,530	145,580	145,530	145,580	145,530	145,580	145,530	145,580
11 1/4	145,331	145,281	145,331	145,281	145,331	145,281	145,331	145,281	145,331	145,281	145,331	145,281	145,331	145,281	145,331	145,281	145,331	145,281	145,331
11 1/2	145,082	145,032	145,082	145,032	145,082	145,032	145,082	145,032	145,082	145,032	145,082	145,032	145,082	145,032	145,082	145,032	145,082	145,032	145,082
11 3/4	144,833	144,783	144,833	144,783	144,833	144,783	144,833	144,783	144,833	144,783	144,833	144,783	144,833	144,783	144,833	144,783	144,833	144,783	144,833

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IPIRS 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 INNAUGE GAUGES TAKEN TO THREADS ON "MMCC" VALVE.
 GAUGE POINT: (MMCC) LOCATED ON CENTERLINE AND 32" 40" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 1302"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS			GAUGE HEIGHT 15'-01 1/4"		
IN	IN	IN	IN	IN	IN
0	59,249	0	46,185	0	34,121
1/4	57,998	1/4	45,934	1/4	33,869
1/2	57,746	1/2	45,682	1/2	33,618
3/4	57,495	3/4	45,431	3/4	33,367
1	57,244	1	45,180	1	33,116
1 1/4	56,992	1 1/4	44,928	1 1/4	32,864
1 1/2	56,741	1 1/2	44,677	1 1/2	32,613
1 3/4	56,490	1 3/4	44,426	1 3/4	32,361
2	56,238	2	44,174	2	32,110
1/4	55,987	1/4	43,923	1/4	31,859
1/2	55,736	1/2	43,672	1/2	31,607
3/4	55,484	3/4	43,420	3/4	31,356
3	55,233	3	43,169	3	31,105
1/4	54,982	1/4	42,918	1/4	30,853
1/2	54,730	1/2	42,666	1/2	30,602
3/4	54,479	3/4	42,415	3/4	30,351
4	54,228	4	42,163	4	30,099
1/4	53,976	1/4	41,912	1/4	29,848
1/2	53,725	1/2	41,661	1/2	29,597
3/4	53,474	3/4	41,409	3/4	29,345
5	53,222	5	41,158	5	29,094
1/4	52,971	1/4	40,907	1/4	28,843
1/2	52,720	1/2	40,655	1/2	28,591
3/4	52,468	3/4	40,404	3/4	28,340
6	52,217	6	40,153	6	28,089
1/4	51,966	1/4	39,901	1/4	27,837
1/2	51,714	1/2	39,650	1/2	27,586
3/4	51,463	3/4	39,399	3/4	27,335
7	51,212	7	39,147	7	27,083
1/4	50,960	1/4	38,896	1/4	26,832
1/2	50,709	1/2	38,645	1/2	26,581
3/4	50,458	3/4	38,393	3/4	26,329
8	50,206	8	38,142	8	26,078
1/4	49,955	1/4	37,891	1/4	25,827
1/2	49,704	1/2	37,639	1/2	25,575
3/4	49,452	3/4	37,388	3/4	25,324
9	49,201	9	37,137	9	25,073
1/4	48,950	1/4	36,886	1/4	24,821
1/2	48,698	1/2	36,634	1/2	24,570
3/4	48,447	3/4	36,383	3/4	24,318
10	48,196	10	36,131	10	24,068
1/4	47,944	1/4	35,880	1/4	23,817
1/2	47,693	1/2	35,629	1/2	23,566
3/4	47,442	3/4	35,377	3/4	23,315
11	47,190	11	35,126	11	23,064
1/4	46,939	1/4	34,875	1/4	22,813
1/2	46,688	1/2	34,623	1/2	22,562
3/4	46,436	3/4	34,372	3/4	22,311

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2008 CL - SW
 CALCULATED: 04/28/2008 CL
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 ALL PRIOR TO 04/2008

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BARGE "CBC 1302"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
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	125,156	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	11	145,978	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	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	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	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 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 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
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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>										
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		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	28	1/4	7,978	1/4	18,444	1/4	28,974	1/4	39,629	1/4	50,284	1/4	60,938	1/4	71,593	1/4	82,248	1/4	92,903
1/2	46	1/2	8,200	1/2	18,868	1/2	29,196	1/2	39,851	1/2	50,506	1/2	61,160	1/2	71,815	1/2	82,470	1/2	93,125
3/4	63	3/4	8,422	3/4	19,872	3/4	29,418	3/4	40,073	3/4	50,728	3/4	61,382	3/4	72,037	3/4	82,692	3/4	93,347
1	82	1	8,644	1	19,886	1	29,849	1	40,295	1	50,949	1	61,604	1	72,259	1	82,914	1	93,568
1 1/4	100	1 1/4	8,866	1 1/4	19,300	1 1/4	29,862	1 1/4	40,517	1 1/4	51,171	1 1/4	61,826	1 1/4	72,481	1 1/4	83,136	1 1/4	93,790
1 1/2	166	1 1/2	9,309	1 1/2	19,614	1 1/2	30,084	1 1/2	40,739	1 1/2	51,393	1 1/2	62,048	1 1/2	72,703	1 1/2	83,358	1 1/2	94,012
1 3/4	211	1 3/4	9,388	1 3/4	19,729	1 3/4	30,306	1 3/4	40,961	1 3/4	51,615	1 3/4	62,270	1 3/4	72,925	1 3/4	83,580	1 3/4	94,234
2	267	2	9,631	2	19,943	2	30,538	2	41,183	2	51,837	2	62,492	2	73,147	2	83,802	2	94,456
2 1/4	322	2 1/4	9,763	2 1/4	20,167	2 1/4	30,760	2 1/4	41,406	2 1/4	52,059	2 1/4	62,714	2 1/4	73,369	2 1/4	84,024	2 1/4	94,578
2 1/2	415	2 1/2	9,975	2 1/2	20,372	2 1/2	30,972	2 1/2	41,627	2 1/2	52,281	2 1/2	62,936	2 1/2	73,591	2 1/2	84,248	2 1/2	94,782
2 3/4	507	2 3/4	10,197	2 3/4	20,586	2 3/4	31,194	2 3/4	41,849	2 3/4	52,503	2 3/4	63,158	2 3/4	73,813	2 3/4	84,468	2 3/4	95,122
3	600	3	10,419	3	20,799	3	31,416	3	42,071	3	52,726	3	63,380	3	74,035	3	84,690	3	95,344
3 1/4	692	3 1/4	10,641	3 1/4	21,013	3 1/4	31,638	3 1/4	42,292	3 1/4	52,947	3 1/4	63,602	3 1/4	74,257	3 1/4	84,912	3 1/4	95,566
3 1/2	822	3 1/2	10,863	3 1/2	21,228	3 1/2	31,860	3 1/2	42,514	3 1/2	53,189	3 1/2	63,824	3 1/2	74,479	3 1/2	85,133	3 1/2	95,788
3 3/4	961	3 3/4	11,085	3 3/4	21,442	3 3/4	32,082	3 3/4	42,736	3 3/4	53,391	3 3/4	64,046	3 3/4	74,701	3 3/4	85,355	3 3/4	96,010
4	1,080	4	11,307	4	21,666	4	32,304	4	42,988	4	53,613	4	64,268	4	74,923	4	85,577	4	96,232
4 1/4	1,210	4 1/4	11,529	4 1/4	21,871	4 1/4	32,526	4 1/4	43,180	4 1/4	53,835	4 1/4	64,490	4 1/4	75,145	4 1/4	85,799	4 1/4	96,454
4 1/2	1,376	4 1/2	11,751	4 1/2	22,093	4 1/2	32,748	4 1/2	43,402	4 1/2	54,057	4 1/2	64,712	4 1/2	75,367	4 1/2	86,021	4 1/2	96,676
4 3/4	1,543	4 3/4	11,973	4 3/4	22,315	4 3/4	32,970	4 3/4	43,624	4 3/4	54,279	4 3/4	64,934	4 3/4	75,589	4 3/4	86,243	4 3/4	96,898
5	1,709	5	12,195	5	22,537	5	33,192	5	43,846	5	54,501	5	65,156	5	75,811	5	86,465	5	97,120
5 1/4	1,878	5 1/4	12,417	5 1/4	22,759	5 1/4	33,414	5 1/4	44,068	5 1/4	54,723	5 1/4	65,378	5 1/4	76,033	5 1/4	86,679	5 1/4	97,342
5 1/2	2,079	5 1/2	12,639	5 1/2	22,981	5 1/2	33,636	5 1/2	44,290	5 1/2	54,945	5 1/2	65,600	5 1/2	76,255	5 1/2	86,909	5 1/2	97,564
5 3/4	2,282	5 3/4	12,860	5 3/4	23,203	5 3/4	33,857	5 3/4	44,512	5 3/4	55,167	5 3/4	65,822	5 3/4	76,476	5 3/4	87,131	5 3/4	97,786
6	2,484	6	13,082	6	23,426	6	34,079	6	44,734	6	55,389	6	66,044	6	76,698	6	87,353	6	98,008
6 1/4	2,695	6 1/4	13,304	6 1/4	23,648	6 1/4	34,301	6 1/4	44,956	6 1/4	55,611	6 1/4	66,266	6 1/4	76,920	6 1/4	87,576	6 1/4	98,230
6 1/2	3,122	6 1/2	13,733	6 1/2	24,091	6 1/2	34,745	6 1/2	45,400	6 1/2	56,055	6 1/2	66,710	6 1/2	77,364	6 1/2	88,019	6 1/2	98,574
6 3/4	3,340	6 3/4	13,948	6 3/4	24,313	6 3/4	34,967	6 3/4	45,622	6 3/4	56,277	6 3/4	66,932	6 3/4	77,586	6 3/4	88,241	6 3/4	98,896
7	3,567	7	14,162	7	24,535	7	35,189	7	45,844	7	56,499	7	67,154	7	77,808	7	88,463	7	99,118
7 1/4	3,777	7 1/4	14,376	7 1/4	24,757	7 1/4	35,411	7 1/4	46,066	7 1/4	56,721	7 1/4	67,376	7 1/4	78,030	7 1/4	88,685	7 1/4	99,340
7 1/2	4,126	7 1/2	14,804	7 1/2	25,200	7 1/2	35,856	7 1/2	46,510	7 1/2	57,165	7 1/2	67,820	7 1/2	78,474	7 1/2	89,129	7 1/2	99,783
7 3/4	4,456	7 3/4	15,018	7 3/4	25,422	7 3/4	36,077	7 3/4	46,732	7 3/4	57,387	7 3/4	68,041	7 3/4	78,695	7 3/4	89,351	7 3/4	100,227
8	4,666	8	15,233	8	25,644	8	36,299	8	46,964	8	57,609	8	68,263	8	78,918	8	89,573	8	100,449
8 1/4	4,876	8 1/4	15,447	8 1/4	25,866	8 1/4	36,521	8 1/4	47,176	8 1/4	57,831	8 1/4	68,486	8 1/4	79,140	8 1/4	89,795	8 1/4	100,671
8 1/2	5,087	8 1/2	15,661	8 1/2	26,088	8 1/2	36,743	8 1/2	47,398	8 1/2	58,053	8 1/2	68,707	8 1/2	79,362	8 1/2	90,017	8 1/2	100,893
8 3/4	5,318	8 3/4	15,875	8 3/4	26,310	8 3/4	36,965	8 3/4	47,620	8 3/4	58,275	8 3/4	68,929	8 3/4	79,584	8 3/4	90,239	8 3/4	101,116
9	5,539	9	16,089	9	26,532	9	37,187	9	47,842	9	58,497	9	69,151	9	79,806	9	90,464	9	101,337
9 1/4	5,750	9 1/4	16,303	9 1/4	26,754	9 1/4	37,409	9 1/4	48,064	9 1/4	58,719	9 1/4	69,373	9 1/4	80,028	9 1/4	90,683	9 1/4	101,559
9 1/2	5,982	9 1/2	16,517	9 1/2	26,976	9 1/2	37,631	9 1/2	48,288	9 1/2	59,041	9 1/2	69,595	9 1/2	80,250	9 1/2	90,905	9 1/2	101,780
9 3/4	6,203	9 3/4	16,731	9 3/4	27,198	9 3/4	37,853	9 3/4	48,508	9 3/4	59,163	9 3/4	69,817	9 3/4	80,472	9 3/4	91,127	9 3/4	102,002
10	6,426	10	16,945	10	27,420	10	38,075	10	48,730	10	59,384	10	70,039	10	80,694	10	91,349	10	102,224
10 1/4	6,646	10 1/4	17,159	10 1/4	27,642	10 1/4	38,297	10 1/4	48,962	10 1/4	59,606	10 1/4	70,261	10 1/4	80,916	10 1/4	91,571	10 1/4	102,446
10 1/2	6,868	10 1/2	17,373	10 1/2	27,864	10 1/2	38,521	10 1/2	49,174	10 1/2	59,828	10 1/2	70,483	10 1/2	81,138	10 1/2	91,793	10 1/2	102,668
10 3/4	7,090	10 3/4	17,588	10 3/4	28,086	10 3/4	38,741	10 3/4	49,386	10 3/4	60,050	10 3/4	70,705	10 3/4	81,360	10 3/4	92,015	10 3/4	102,890
11	7,312	11	17,802	11	28,308	11	38,963	11	49,618	11	60,272	11	70,927	11	81,582	11	92,237	11	103,112
11 1/4	7,534	11 1/4	18,016	11 1/4	28,530	11 1/4	39,185	11 1/4	49,840	11 1/4	60,494	11 1/4	71,149	11 1/4	81,804	11 1/4	92,459	11 1/4	103,334
11 1/2	7,756	11 1/2	18,230	11 1/2	28,752	11 1/2	39,407	11 1/2	50,062	11 1/2	60,716	11 1/2	71,371	11 1/2	82,026	11 1/2	92,681	11 1/2	103,556

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

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2692

Portland, Texas 77506

http://www.ipmacorp.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	115,981	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: 04/29/2008 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"

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
1/4	173	1/4	10,286	1/4	22,136	1/4	34,121	1/4	46,186	1/4	58,249	1/4	70,313	1/4	82,378	1/4	94,442	1/4	106,506
1/2	236	1/2	10,537	1/2	22,380	1/2	34,372	1/2	46,436	1/2	58,500	1/2	70,565	1/2	82,629	1/2	94,693	1/2	106,757
3/4	298	3/4	10,789	3/4	22,624	3/4	34,623	3/4	46,686	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
1/4	466	1/4	11,291	1/4	23,112	1/4	35,126	1/4	47,190	1/4	59,254	1/4	71,319	1/4	83,383	1/4	95,447	1/4	107,511
1/2	571	1/2	11,543	1/2	23,356	1/2	35,377	1/2	47,442	1/2	59,506	1/2	71,570	1/2	83,634	1/2	95,698	1/2	107,763
3/4	675	3/4	11,794	3/4	23,600	3/4	35,628	3/4	47,693	3/4	59,757	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
1/4	927	1/4	12,297	1/4	24,088	1/4	36,131	1/4	48,196	1/4	60,260	1/4	72,324	1/4	84,388	1/4	96,452	1/4	108,517
1/2	1,073	1/2	12,548	1/2	24,333	1/2	36,383	1/2	48,447	1/2	60,511	1/2	72,575	1/2	84,640	1/2	96,704	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
1/4	1,555	1/4	13,302	1/4	25,073	1/4	37,137	1/4	49,201	1/4	61,265	1/4	73,329	1/4	85,394	1/4	97,458	1/4	109,522
1/2	1,743	1/2	13,553	1/2	25,324	1/2	37,388	1/2	49,452	1/2	61,516	1/2	73,581	1/2	85,645	1/2	97,709	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
1/4	2,350	1/4	14,307	1/4	26,078	1/4	38,142	1/4	50,206	1/4	62,271	1/4	74,335	1/4	86,399	1/4	98,463	1/4	110,527
1/2	2,580	1/2	14,558	1/2	26,329	1/2	38,393	1/2	50,458	1/2	62,522	1/2	74,586	1/2	86,650	1/2	98,714	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
1/4	3,285	1/4	15,305	1/4	27,083	1/4	39,147	1/4	51,212	1/4	63,276	1/4	75,340	1/4	87,404	1/4	99,468	1/4	111,533
1/2	3,532	1/2	15,549	1/2	27,335	1/2	39,399	1/2	51,463	1/2	63,527	1/2	75,591	1/2	87,656	1/2	99,720	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
1/4	4,273	1/4	16,282	1/4	28,089	1/4	40,153	1/4	52,217	1/4	64,281	1/4	76,346	1/4	88,410	1/4	100,474	1/4	112,538
1/2	4,521	1/2	16,526	1/2	28,340	1/2	40,404	1/2	52,468	1/2	64,533	1/2	76,597	1/2	88,661	1/2	100,725	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
1/4	5,268	1/4	17,258	1/4	29,094	1/4	41,158	1/4	53,222	1/4	65,287	1/4	77,351	1/4	89,416	1/4	101,479	1/4	113,543
1/2	5,518	1/2	17,502	1/2	29,345	1/2	41,409	1/2	53,474	1/2	65,538	1/2	77,602	1/2	89,666	1/2	101,731	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
1/4	6,268	1/4	18,233	1/4	30,099	1/4	42,163	1/4	54,228	1/4	66,292	1/4	78,356	1/4	90,420	1/4	102,485	1/4	114,548
1/2	6,519	1/2	18,477	1/2	30,351	1/2	42,415	1/2	54,479	1/2	66,543	1/2	78,607	1/2	90,672	1/2	102,736	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
1/4	7,271	1/4	19,209	1/4	31,105	1/4	43,169	1/4	55,233	1/4	67,297	1/4	79,361	1/4	91,426	1/4	103,490	1/4	115,553
1/2	7,522	1/2	19,453	1/2	31,356	1/2	43,420	1/2	55,484	1/2	67,549	1/2	79,613	1/2	91,677	1/2	103,741	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	55,983	11	68,051	11	80,116	11	92,180	11	104,244	11	116,306
1/4	8,276	1/4	20,185	1/4	32,110	1/4	44,174	1/4	56,238	1/4	68,303	1/4	80,367	1/4	92,431	1/4	104,495	1/4	116,558
1/2	8,527	1/2	20,429	1/2	32,361	1/2	44,425	1/2	56,490	1/2	68,554	1/2	80,618	1/2	92,682	1/2	104,747	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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS 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.

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	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	163,340	0	163,156	0		0		0		0		0	
1/4	117,563	1/4	129,622	1/4	141,838	1/4	163,589	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	163,837	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	164,086	3/4	163,208	3/4		3/4		3/4		3/4		3/4	
1	118,316	1	130,376	1	142,385	1	164,334	1	163,226	1		1		1		1		1	
1/4	118,568	1/4	130,627	1/4	142,634	1/4	164,584	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	164,833	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	165,082	3/4		3/4		3/4		3/4		3/4		3/4	
2	119,321	2	131,380	2	143,382	2	165,331	2		2		2		2		2		2	
1/4	119,572	1/4	131,632	1/4	143,631	1/4	165,580	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	165,829	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	166,079	3/4		3/4		3/4		3/4		3/4		3/4	
3	120,326	3	132,385	3	144,378	3	166,328	3		3		3		3		3		3	
1/4	120,577	1/4	132,637	1/4	144,628	1/4	166,576	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	166,823	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	167,071	3/4		3/4		3/4		3/4		3/4		3/4	
4	121,331	4	133,390	4	145,375	4	167,319	4		4		4		4		4		4	
1/4	121,582	1/4	133,642	1/4	145,624	1/4	167,567	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	167,815	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	168,063	3/4		3/4		3/4		3/4		3/4		3/4	
5	122,336	5	134,395	5	146,372	5	168,311	5		5		5		5		5		5	
1/4	122,587	1/4	134,647	1/4	146,621	1/4	168,558	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	168,806	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	169,054	3/4		3/4		3/4		3/4		3/4		3/4	
6	123,341	6	135,400	6	147,368	6	169,302	6		6		6		6		6		6	
1/4	123,592	1/4	135,651	1/4	147,618	1/4	169,550	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	169,798	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	170,046	3/4		3/4		3/4		3/4		3/4		3/4	
7	124,346	7	136,405	7	148,365	7	170,293	7		7		7		7		7		7	
1/4	124,597	1/4	136,654	1/4	148,614	1/4	170,520	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	170,747	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	170,974	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,351	8	137,402	8	149,362	8	171,201	8		8		8		8		8		8	
1/4	125,602	1/4	137,651	1/4	149,611	1/4	171,386	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	171,571	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	171,756	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,356	9	138,398	9	150,358	9	171,941	9		9		9		9		9		9	
1/4	126,607	1/4	138,648	1/4	150,607	1/4	172,084	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	172,227	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	172,370	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,361	10	139,395	10	151,352	10	172,514	10		10		10		10		10		10	
1/4	127,612	1/4	139,644	1/4	151,601	1/4	172,615	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	172,716	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	172,817	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,366	11	140,392	11	152,346	11	172,919	11		11		11		11		11		11	
1/4	128,617	1/4	140,641	1/4	152,595	1/4	172,978	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	173,037	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	173,097	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
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BARGE "CBC 1302"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	26	0	8,066	0	16,819	0	29,679	0	40,351	0	51,124	0	61,896	0	72,668	0	83,440	0	94,212
1/4	46	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	83,666	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	30,262	3/4	41,026	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 1/4	167	1 1/4	9,187	1 1/4	19,937	1 1/4	30,701	1 1/4	41,474	1 1/4	52,246	1 1/4	63,018	1 1/4	73,790	1 1/4	84,562	1 1/4	95,335
1 1/2	213	1 1/2	9,412	1 1/2	20,160	1 1/2	30,926	1 1/2	41,698	1 1/2	52,470	1 1/2	63,242	1 1/2	74,015	1 1/2	84,787	1 1/2	95,559
3/4	269	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	326	2	9,860	2	20,607	2	31,376	2	42,147	2	52,919	2	63,691	2	74,463	2	85,236	2	96,008
1 1/4	418	1 1/4	10,085	1 1/4	20,831	1 1/4	31,599	1 1/4	42,371	1 1/4	53,143	1 1/4	63,916	1 1/4	74,688	1 1/4	85,460	1 1/4	96,232
1 1/2	512	1 1/2	10,309	1 1/2	21,056	1 1/2	31,823	1 1/2	42,596	1 1/2	53,368	1 1/2	64,140	1 1/2	74,912	1 1/2	85,684	1 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	75,361	3	86,133	3	96,906
1 1/4	830	1 1/4	10,982	1 1/4	21,726	1 1/4	32,497	1 1/4	43,269	1 1/4	54,041	1 1/4	64,813	1 1/4	75,586	1 1/4	86,358	1 1/4	97,130
1 1/2	961	1 1/2	11,207	1 1/2	21,950	1 1/2	32,721	1 1/2	43,493	1 1/2	54,266	1 1/2	65,038	1 1/2	75,810	1 1/2	86,582	1 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 1/4	1,391	1 1/4	11,880	1 1/4	22,622	1 1/4	33,394	1 1/4	44,167	1 1/4	54,939	1 1/4	65,711	1 1/4	76,483	1 1/4	87,255	1 1/4	98,028
1 1/2	1,559	1 1/2	12,104	1 1/2	22,847	1 1/2	33,619	1 1/2	44,391	1 1/2	55,163	1 1/2	65,935	1 1/2	76,708	1 1/2	87,480	1 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 1/4	2,101	1 1/4	12,777	1 1/4	23,520	1 1/4	34,292	1 1/4	45,064	1 1/4	55,836	1 1/4	66,609	1 1/4	77,381	1 1/4	88,153	1 1/4	98,925
1 1/2	2,306	1 1/2	13,002	1 1/2	23,744	1 1/2	34,516	1 1/2	45,289	1 1/2	56,061	1 1/2	66,833	1 1/2	77,605	1 1/2	88,378	1 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	34,966	6	45,738	6	56,510	6	67,282	6	78,054	6	88,826	6	99,599
1 1/4	2,936	1 1/4	13,675	1 1/4	24,418	1 1/4	35,190	1 1/4	45,962	1 1/4	56,734	1 1/4	67,506	1 1/4	78,279	1 1/4	89,051	1 1/4	99,823
1 1/2	3,166	1 1/2	13,898	1 1/2	24,642	1 1/2	35,414	1 1/2	46,186	1 1/2	56,969	1 1/2	67,731	1 1/2	78,503	1 1/2	89,275	1 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 1/4	3,816	1 1/4	14,570	1 1/4	25,315	1 1/4	36,087	1 1/4	46,860	1 1/4	57,632	1 1/4	68,404	1 1/4	79,176	1 1/4	89,948	1 1/4	100,721
1 1/2	4,040	1 1/2	14,794	1 1/2	25,540	1 1/2	36,312	1 1/2	47,084	1 1/2	57,856	1 1/2	68,628	1 1/2	79,401	1 1/2	90,173	1 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 1/4	4,707	1 1/4	15,464	1 1/4	26,213	1 1/4	36,986	1 1/4	47,757	1 1/4	58,530	1 1/4	69,302	1 1/4	80,074	1 1/4	90,846	1 1/4	101,618
1 1/2	4,930	1 1/2	15,688	1 1/2	26,437	1 1/2	37,210	1 1/2	47,982	1 1/2	58,754	1 1/2	69,526	1 1/2	80,298	1 1/2	91,071	1 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 1/4	5,600	1 1/4	16,359	1 1/4	27,111	1 1/4	37,883	1 1/4	48,655	1 1/4	59,427	1 1/4	70,199	1 1/4	80,972	1 1/4	91,744	1 1/4	102,516
1 1/2	5,823	1 1/2	16,582	1 1/2	27,335	1 1/2	38,107	1 1/2	48,879	1 1/2	59,652	1 1/2	70,424	1 1/2	81,196	1 1/2	91,968	1 1/2	102,740
3/4	6,047	3/4	16,806	3/4	27,569	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 1/4	6,495	1 1/4	17,253	1 1/4	28,008	1 1/4	38,780	1 1/4	49,553	1 1/4	60,325	1 1/4	71,097	1 1/4	81,869	1 1/4	92,642	1 1/4	103,414
1 1/2	6,719	1 1/2	17,477	1 1/2	28,233	1 1/2	39,005	1 1/2	49,777	1 1/2	60,549	1 1/2	71,322	1 1/2	82,094	1 1/2	92,866	1 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 1/4	7,392	1 1/4	18,148	1 1/4	28,906	1 1/4	39,678	1 1/4	50,450	1 1/4	61,223	1 1/4	71,995	1 1/4	82,767	1 1/4	93,539	1 1/4	104,311
1 1/2	7,616	1 1/2	18,371	1 1/2	29,130	1 1/2	39,903	1 1/2	50,676	1 1/2	61,447	1 1/2	72,219	1 1/2	82,991	1 1/2	93,764	1 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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS 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 27'-09" FORWARD OF AFT BULKHEAD.

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	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	104,986	0	115,766	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	1/4	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	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	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	1	1	1	1
1 1/4	106,107	1 1/4	116,879	1 1/4	127,603	1 1/4	138,275	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	106,331	1 1/2	117,103	1 1/2	127,826	1 1/2	138,497	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 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	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	2	2	2	2	2
1 1/4	107,004	1 1/4	117,776	1 1/4	128,493	1 1/4	139,165	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	107,229	1 1/2	118,001	1 1/2	128,716	1 1/2	139,388	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 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	3/4	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	3	3	3	3	3
1 1/4	107,902	1 1/4	118,674	1 1/4	129,383	1 1/4	140,054	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	108,126	1 1/2	118,898	1 1/2	129,606	1 1/2	140,276	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 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	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	4	4	4	4	4
1 1/4	108,800	1 1/4	119,572	1 1/4	130,273	1 1/4	140,939	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	109,024	1 1/2	119,796	1 1/2	130,496	1 1/2	141,161	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 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	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	5	5	5	5	5
1 1/4	109,697	1 1/4	120,469	1 1/4	131,164	1 1/4	141,825	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	109,922	1 1/2	120,694	1 1/2	131,386	1 1/2	142,046	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 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	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	6	6	6	6	6
1 1/4	110,596	1 1/4	121,367	1 1/4	132,054	1 1/4	142,710	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	110,819	1 1/2	121,591	1 1/2	132,276	1 1/2	142,931	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 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	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	7	7	7	7	7
1 1/4	111,493	1 1/4	122,263	1 1/4	132,944	1 1/4	143,577	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	111,717	1 1/2	122,486	1 1/2	133,166	1 1/2	143,779	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 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	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	8	8	8	8	8
1 1/4	112,390	1 1/4	123,153	1 1/4	133,834	1 1/4	144,360	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	112,615	1 1/2	123,375	1 1/2	134,056	1 1/2	144,515	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 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	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	9	9	9	9	9
1 1/4	113,288	1 1/4	124,043	1 1/4	134,723	1 1/4	144,974	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	113,512	1 1/2	124,265	1 1/2	134,945	1 1/2	145,101	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 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	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	10	10	10	10	10
1 1/4	114,186	1 1/4	124,933	1 1/4	135,611	1 1/4	145,448	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	114,410	1 1/2	125,155	1 1/2	135,833	1 1/2	145,538	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 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	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	11	11	11	11	11
1 1/4	115,083	1 1/4	125,823	1 1/4	136,499	1 1/4	145,772	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	115,308	1 1/2	126,045	1 1/2	136,721	1 1/2	145,825	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 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	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2008

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