



BARGE "CBC 1350"

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	00-0/8	- 00-0/8	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
2 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
3 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

August 7, 2012

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

<http://www.pmacorp.net>



BARGE "CBC 1350"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,094	0	18,887	0	29,529	0	40,201	0	50,966	0	61,731	0	72,472	0	83,216	0	93,984
1/4	58	1/4	8,319	1/4	19,112	1/4	29,748	1/4	40,425	1/4	51,190	1/4	61,955	1/4	72,695	1/4	83,440	1/4	94,208
1/2	77	1/2	8,544	1/2	19,337	1/2	29,966	1/2	40,650	1/2	51,414	1/2	62,179	1/2	72,918	1/2	83,664	1/2	94,433
3/4	96	3/4	8,769	3/4	19,561	3/4	30,185	3/4	40,874	3/4	51,639	3/4	62,403	3/4	73,141	3/4	83,889	3/4	94,657
1	114	1	8,994	1	19,786	1	30,403	1	41,098	1	51,863	1	62,628	1	73,364	1	84,113	1	94,881
1/4	171	1/4	9,218	1/4	20,011	1/4	30,622	1/4	41,322	1/4	52,087	1/4	62,852	1/4	73,587	1/4	84,337	1/4	95,106
1/2	227	1/2	9,443	1/2	20,236	1/2	30,840	1/2	41,547	1/2	52,311	1/2	63,076	1/2	73,810	1/2	84,562	1/2	95,330
3/4	283	3/4	9,668	3/4	20,461	3/4	31,058	3/4	41,771	3/4	52,536	3/4	63,301	3/4	74,033	3/4	84,786	3/4	95,554
2	339	2	9,893	2	20,686	2	31,277	2	41,995	2	52,760	2	63,525	2	74,256	2	85,010	2	95,779
1/4	433	1/4	10,118	1/4	20,911	1/4	31,495	1/4	42,219	1/4	52,984	1/4	63,749	1/4	74,479	1/4	85,235	1/4	96,003
1/2	526	1/2	10,343	1/2	21,135	1/2	31,714	1/2	42,444	1/2	53,209	1/2	63,973	1/2	74,701	1/2	85,459	1/2	96,227
3/4	620	3/4	10,568	3/4	21,360	3/4	31,932	3/4	42,668	3/4	53,433	3/4	64,198	3/4	74,924	3/4	85,683	3/4	96,452
3	714	3	10,792	3	21,585	3	32,151	3	42,892	3	53,657	3	64,422	3	75,147	3	85,908	3	96,676
1/4	845	1/4	11,017	1/4	21,810	1/4	32,369	1/4	43,117	1/4	53,881	1/4	64,646	1/4	75,370	1/4	86,132	1/4	96,900
1/2	976	1/2	11,242	1/2	22,035	1/2	32,588	1/2	43,341	1/2	54,106	1/2	64,870	1/2	75,593	1/2	86,356	1/2	97,125
3/4	1,107	3/4	11,467	3/4	22,260	3/4	32,806	3/4	43,565	3/4	54,330	3/4	65,095	3/4	75,816	3/4	86,581	3/4	97,349
4	1,238	4	11,692	4	22,485	4	33,024	4	43,789	4	54,554	4	65,319	4	76,039	4	86,805	4	97,573
1/4	1,407	1/4	11,917	1/4	22,709	1/4	33,249	1/4	44,014	1/4	54,778	1/4	65,543	1/4	76,263	1/4	87,029	1/4	97,798
1/2	1,576	1/2	12,141	1/2	22,934	1/2	33,473	1/2	44,238	1/2	55,003	1/2	65,767	1/2	76,486	1/2	87,254	1/2	98,022
3/4	1,744	3/4	12,366	3/4	23,159	3/4	33,697	3/4	44,462	3/4	55,227	3/4	65,992	3/4	76,710	3/4	87,478	3/4	98,246
5	1,913	5	12,591	5	23,384	5	33,922	5	44,686	5	55,451	5	66,216	5	76,933	5	87,702	5	98,471
1/4	2,118	1/4	12,816	1/4	23,609	1/4	34,146	1/4	44,911	1/4	55,675	1/4	66,440	1/4	77,158	1/4	87,927	1/4	98,695
1/2	2,324	1/2	13,041	1/2	23,834	1/2	34,370	1/2	45,135	1/2	55,900	1/2	66,665	1/2	77,382	1/2	88,151	1/2	98,919
3/4	2,529	3/4	13,266	3/4	24,058	3/4	34,594	3/4	45,359	3/4	56,124	3/4	66,889	3/4	77,606	3/4	88,375	3/4	99,144
6	2,735	6	13,491	6	24,283	6	34,819	6	45,583	6	56,348	6	67,113	6	77,831	6	88,600	6	99,368
1/4	2,955	1/4	13,715	1/4	24,507	1/4	35,043	1/4	45,808	1/4	56,573	1/4	67,337	1/4	78,055	1/4	88,824	1/4	99,592
1/2	3,175	1/2	13,940	1/2	24,721	1/2	35,267	1/2	46,032	1/2	56,797	1/2	67,560	1/2	78,280	1/2	89,048	1/2	99,817
3/4	3,396	3/4	14,165	3/4	24,940	3/4	35,491	3/4	46,256	3/4	57,021	3/4	67,784	3/4	78,504	3/4	89,273	3/4	100,041
7	3,616	7	14,390	7	25,159	7	35,716	7	46,481	7	57,245	7	68,008	7	78,728	7	89,497	7	100,265
1/4	3,839	1/4	14,615	1/4	25,378	1/4	35,940	1/4	46,705	1/4	57,470	1/4	68,231	1/4	78,953	1/4	89,721	1/4	100,490
1/2	4,061	1/2	14,840	1/2	25,596	1/2	36,164	1/2	46,929	1/2	57,694	1/2	68,455	1/2	79,177	1/2	89,946	1/2	100,714
3/4	4,283	3/4	15,065	3/4	25,815	3/4	36,388	3/4	47,153	3/4	57,918	3/4	68,679	3/4	79,401	3/4	90,170	3/4	100,938
8	4,506	8	15,289	8	26,034	8	36,613	8	47,378	8	58,142	8	68,902	8	79,626	8	90,394	8	101,163
1/4	4,729	1/4	15,514	1/4	26,252	1/4	36,837	1/4	47,602	1/4	58,367	1/4	69,126	1/4	79,850	1/4	90,619	1/4	101,387
1/2	4,952	1/2	15,739	1/2	26,471	1/2	37,061	1/2	47,826	1/2	58,591	1/2	69,350	1/2	80,075	1/2	90,843	1/2	101,611
3/4	5,176	3/4	15,964	3/4	26,689	3/4	37,286	3/4	48,050	3/4	58,815	3/4	69,574	3/4	80,299	3/4	91,067	3/4	101,836
9	5,399	9	16,189	9	26,908	9	37,510	9	48,275	9	59,039	9	69,797	9	80,523	9	91,292	9	102,060
1/4	5,624	1/4	16,414	1/4	27,126	1/4	37,734	1/4	48,499	1/4	59,264	1/4	70,020	1/4	80,748	1/4	91,516	1/4	102,284
1/2	5,848	1/2	16,638	1/2	27,345	1/2	37,958	1/2	48,723	1/2	59,488	1/2	70,243	1/2	80,972	1/2	91,740	1/2	102,509
3/4	6,072	3/4	16,863	3/4	27,563	3/4	38,183	3/4	48,947	3/4	59,712	3/4	70,466	3/4	81,196	3/4	91,965	3/4	102,733
10	6,296	10	17,088	10	27,782	10	38,407	10	49,172	10	59,937	10	70,689	10	81,421	10	92,189	10	102,957
1/4	6,521	1/4	17,313	1/4	28,000	1/4	38,631	1/4	49,396	1/4	60,161	1/4	70,912	1/4	81,645	1/4	92,413	1/4	103,182
1/2	6,746	1/2	17,538	1/2	28,219	1/2	38,855	1/2	49,620	1/2	60,385	1/2	71,135	1/2	81,869	1/2	92,638	1/2	103,406
3/4	6,970	3/4	17,763	3/4	28,437	3/4	39,080	3/4	49,845	3/4	60,609	3/4	71,358	3/4	82,094	3/4	92,862	3/4	103,630
11	7,195	11	17,988	11	28,655	11	39,304	11	50,069	11	60,834	11	71,581	11	82,318	11	93,086	11	103,855
1/4	7,420	1/4	18,212	1/4	28,874	1/4	39,528	1/4	50,293	1/4	61,058	1/4	71,803	1/4	82,543	1/4	93,311	1/4	104,079
1/2	7,645	1/2	18,437	1/2	29,092	1/2	39,752	1/2	50,517	1/2	61,282	1/2	72,026	1/2	82,767	1/2	93,535	1/2	104,303
3/4	7,869	3/4	18,662	3/4	29,311	3/4	39,977	3/4	50,742	3/4	61,506	3/4	72,249	3/4	82,991	3/4	93,759	3/4	104,528

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 26'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1350"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,752	0	114,856	0	124,320	0	133,741	0	143,146	0		0		0		0		0	
1/4	104,976	1/4	115,054	1/4	124,516	1/4	133,937	1/4	143,340	1/4		1/4		1/4		1/4		1/4	
1/2	105,200	1/2	115,251	1/2	124,713	1/2	134,134	1/2	143,535	1/2		1/2		1/2		1/2		1/2	
3/4	105,424	3/4	115,448	3/4	124,910	3/4	134,331	3/4	143,729	3/4		3/4		3/4		3/4		3/4	
1	105,648	1	115,645	1	125,106	1	134,527	1	143,924	1		1		1		1		1	
1/4	105,872	1/4	115,842	1/4	125,303	1/4	134,724	1/4	144,118	1/4		1/4		1/4		1/4		1/4	
1/2	106,096	1/2	116,039	1/2	125,499	1/2	134,921	1/2	144,313	1/2		1/2		1/2		1/2		1/2	
3/4	106,321	3/4	116,237	3/4	125,696	3/4	135,117	3/4	144,508	3/4		3/4		3/4		3/4		3/4	
2	106,545	2	116,434	2	125,893	2	135,314	2	144,702	2		2		2		2		2	
1/4	106,769	1/4	116,631	1/4	126,089	1/4	135,510	1/4	144,906	1/4		1/4		1/4		1/4		1/4	
1/2	106,993	1/2	116,828	1/2	126,286	1/2	135,707	1/2	145,109	1/2		1/2		1/2		1/2		1/2	
3/4	107,217	3/4	117,025	3/4	126,483	3/4	135,904	3/4	145,312	3/4		3/4		3/4		3/4		3/4	
3	107,441	3	117,222	3	126,679	3	136,100	3	145,516	3		3		3		3		3	
1/4	107,665	1/4	117,419	1/4	126,876	1/4	136,297	1/4	145,682	1/4		1/4		1/4		1/4		1/4	
1/2	107,889	1/2	117,617	1/2	127,072	1/2	136,494	1/2	145,848	1/2		1/2		1/2		1/2		1/2	
3/4	108,113	3/4	117,814	3/4	127,269	3/4	136,690	3/4	146,014	3/4		3/4		3/4		3/4		3/4	
4	108,337	4	118,011	4	127,466	4	136,887	4	146,180	4		4		4		4		4	
1/4	108,561	1/4	118,208	1/4	127,662	1/4	137,083	1/4	146,308	1/4		1/4		1/4		1/4		1/4	
1/2	108,786	1/2	118,405	1/2	127,859	1/2	137,280	1/2	146,437	1/2		1/2		1/2		1/2		1/2	
3/4	109,010	3/4	118,602	3/4	128,056	3/4	137,477	3/4	146,565	3/4		3/4		3/4		3/4		3/4	
5	109,234	5	118,799	5	128,252	5	137,673	5	146,694	5		5		5		5		5	
1/4	109,458	1/4	118,997	1/4	128,449	1/4	137,870	1/4	146,785	1/4		1/4		1/4		1/4		1/4	
1/2	109,682	1/2	119,194	1/2	128,645	1/2	138,067	1/2	146,876	1/2		1/2		1/2		1/2		1/2	
3/4	109,906	3/4	119,391	3/4	128,842	3/4	138,263	3/4	146,967	3/4		3/4		3/4		3/4		3/4	
6	110,130	6	119,588	6	129,039	6	138,460	6	147,058	6		6		6		6		6	
1/4	110,327	1/4	119,785	1/4	129,235	1/4	138,656	1/4	147,112	1/4		1/4		1/4		1/4		1/4	
1/2	110,524	1/2	119,982	1/2	129,431	1/2	138,853	1/2	147,165	1/2		1/2		1/2		1/2		1/2	
3/4	110,721	3/4	120,180	3/4	129,626	3/4	139,050	3/4	147,219	3/4		3/4		3/4		3/4		3/4	
7	110,918	7	120,377	7	129,822	7	139,246	7	147,272	7		7		7		7		7	
1/4	111,115	1/4	120,574	1/4	130,018	1/4	139,443	1/4	147,288	1/4		1/4		1/4		1/4		1/4	
1/2	111,312	1/2	120,771	1/2	130,214	1/2	139,640	1/2	147,304	1/2		1/2		1/2		1/2		1/2	
3/4	111,509	3/4	120,968	3/4	130,410	3/4	139,836	3/4	147,320	3/4		3/4		3/4		3/4		3/4	
8	111,706	8	121,165	8	130,606	8	140,033	8	147,337	8		8		8		8		8	
1/4	111,902	1/4	121,362	1/4	130,802	1/4	140,227	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,099	1/2	121,560	1/2	130,998	1/2	140,422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,296	3/4	121,757	3/4	131,194	3/4	140,617	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,493	9	121,954	9	131,390	9	140,811	9		9		9		9		9		9	
1/4	112,690	1/4	122,151	1/4	131,586	1/4	141,006	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,887	1/2	122,348	1/2	131,782	1/2	141,200	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,084	3/4	122,545	3/4	131,978	3/4	141,395	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,281	10	122,742	10	132,173	10	141,589	10		10		10		10		10		10	
1/4	113,478	1/4	122,940	1/4	132,369	1/4	141,784	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,675	1/2	123,137	1/2	132,565	1/2	141,978	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,872	3/4	123,334	3/4	132,761	3/4	142,173	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,069	11	123,531	11	132,957	11	142,367	11		11		11		11		11		11	
1/4	114,266	1/4	123,728	1/4	133,153	1/4	142,562	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,463	1/2	123,925	1/2	133,349	1/2	142,757	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,660	3/4	124,123	3/4	133,545	3/4	142,951	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2012 CL - SW
CALCULATED: 08/07/2012 CL
PRINTED: 08/07/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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



BARGE "CBC 1350"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	39	0	9,036	0	21,091	0	32,998	0	44,907	0	56,962	0	69,016	0	81,071	0	93,126	0	105,179
1/4	60	1/4	9,287	1/4	21,342	1/4	33,242	1/4	45,158	1/4	57,213	1/4	69,268	1/4	81,322	1/4	93,377	1/4	105,430
1/2	81	1/2	9,538	1/2	21,593	1/2	33,486	1/2	45,409	1/2	57,464	1/2	69,519	1/2	81,574	1/2	93,628	1/2	105,681
3/4	102	3/4	9,790	3/4	21,844	3/4	33,730	3/4	45,660	3/4	57,715	3/4	69,770	3/4	81,825	3/4	93,879	3/4	105,932
1	123	1	10,041	1	22,095	1	33,973	1	45,911	1	57,966	1	70,021	1	82,076	1	94,130	1	106,183
1/4	186	1/4	10,292	1/4	22,346	1/4	34,217	1/4	46,162	1/4	58,217	1/4	70,272	1/4	82,327	1/4	94,382	1/4	106,434
1/2	248	1/2	10,543	1/2	22,597	1/2	34,461	1/2	46,414	1/2	58,468	1/2	70,523	1/2	82,578	1/2	94,633	1/2	106,685
3/4	311	3/4	10,794	3/4	22,848	3/4	34,705	3/4	46,665	3/4	58,720	3/4	70,774	3/4	82,829	3/4	94,884	3/4	106,937
2	374	2	11,045	2	23,100	2	34,948	2	46,916	2	58,971	2	71,026	2	83,080	2	95,135	2	107,188
1/4	479	1/4	11,296	1/4	23,351	1/4	35,192	1/4	47,167	1/4	59,222	1/4	71,277	1/4	83,332	1/4	95,386	1/4	107,439
1/2	583	1/2	11,547	1/2	23,602	1/2	35,436	1/2	47,418	1/2	59,473	1/2	71,528	1/2	83,583	1/2	95,637	1/2	107,690
3/4	688	3/4	11,799	3/4	23,853	3/4	35,680	3/4	47,669	3/4	59,724	3/4	71,779	3/4	83,834	3/4	95,888	3/4	107,941
3	793	3	12,050	3	24,104	3	35,923	3	47,920	3	59,975	3	72,030	3	84,085	3	96,139	3	108,192
1/4	939	1/4	12,301	1/4	24,355	1/4	36,167	1/4	48,172	1/4	60,226	1/4	72,281	1/4	84,336	1/4	96,390	1/4	108,443
1/2	1,086	1/2	12,552	1/2	24,606	1/2	36,411	1/2	48,423	1/2	60,478	1/2	72,532	1/2	84,587	1/2	96,641	1/2	108,694
3/4	1,232	3/4	12,803	3/4	24,858	3/4	36,655	3/4	48,674	3/4	60,729	3/4	72,784	3/4	84,838	3/4	96,893	3/4	108,945
4	1,379	4	13,054	4	25,109	4	36,898	4	48,925	4	60,980	4	73,035	4	85,090	4	97,144	4	109,196
1/4	1,567	1/4	13,305	1/4	25,360	1/4	37,142	1/4	49,176	1/4	61,231	1/4	73,286	1/4	85,341	1/4	97,395	1/4	109,448
1/2	1,755	1/2	13,557	1/2	25,611	1/2	37,386	1/2	49,427	1/2	61,482	1/2	73,537	1/2	85,592	1/2	97,646	1/2	109,699
3/4	1,944	3/4	13,808	3/4	25,862	3/4	37,631	3/4	49,678	3/4	61,733	3/4	73,788	3/4	85,843	3/4	97,897	3/4	109,950
5	2,132	5	14,059	5	26,113	5	37,875	5	49,930	5	61,984	5	74,039	5	86,094	5	98,148	5	110,201
1/4	2,361	1/4	14,310	1/4	26,364	1/4	38,126	1/4	50,181	1/4	62,236	1/4	74,290	1/4	86,345	1/4	98,399	1/4	110,452
1/2	2,591	1/2	14,561	1/2	26,615	1/2	38,377	1/2	50,432	1/2	62,487	1/2	74,542	1/2	86,596	1/2	98,650	1/2	110,703
3/4	2,821	3/4	14,812	3/4	26,867	3/4	38,628	3/4	50,683	3/4	62,738	3/4	74,793	3/4	86,848	3/4	98,901	3/4	110,954
6	3,050	6	15,063	6	27,118	6	38,879	6	50,934	6	62,989	6	75,044	6	87,099	6	99,152	6	111,205
1/4	3,296	1/4	15,314	1/4	27,369	1/4	39,130	1/4	51,185	1/4	63,240	1/4	75,295	1/4	87,350	1/4	99,404	1/4	111,456
1/2	3,542	1/2	15,566	1/2	27,620	1/2	39,382	1/2	51,436	1/2	63,491	1/2	75,546	1/2	87,601	1/2	99,655	1/2	111,707
3/4	3,788	3/4	15,817	3/4	27,871	3/4	39,633	3/4	51,688	3/4	63,742	3/4	75,797	3/4	87,852	3/4	99,906	3/4	111,959
7	4,035	7	16,068	7	28,122	7	39,884	7	51,939	7	63,994	7	76,048	7	88,103	7	100,157	7	112,210
1/4	4,283	1/4	16,319	1/4	28,366	1/4	40,135	1/4	52,190	1/4	64,245	1/4	76,300	1/4	88,354	1/4	100,408	1/4	112,461
1/2	4,531	1/2	16,570	1/2	28,610	1/2	40,386	1/2	52,441	1/2	64,496	1/2	76,551	1/2	88,606	1/2	100,659	1/2	112,712
3/4	4,780	3/4	16,821	3/4	28,855	3/4	40,637	3/4	52,692	3/4	64,747	3/4	76,802	3/4	88,857	3/4	100,910	3/4	112,963
8	5,028	8	17,072	8	29,099	8	40,888	8	52,943	8	64,998	8	77,053	8	89,108	8	101,161	8	113,214
1/4	5,278	1/4	17,324	1/4	29,342	1/4	41,140	1/4	53,194	1/4	65,249	1/4	77,304	1/4	89,359	1/4	101,412	1/4	113,465
1/2	5,527	1/2	17,575	1/2	29,586	1/2	41,391	1/2	53,446	1/2	65,500	1/2	77,555	1/2	89,610	1/2	101,663	1/2	113,716
3/4	5,777	3/4	17,826	3/4	29,830	3/4	41,642	3/4	53,697	3/4	65,752	3/4	77,806	3/4	89,861	3/4	101,915	3/4	113,967
9	6,026	9	18,077	9	30,074	9	41,893	9	53,948	9	66,003	9	78,058	9	90,112	9	102,166	9	114,218
1/4	6,277	1/4	18,328	1/4	30,317	1/4	42,144	1/4	54,199	1/4	66,254	1/4	78,309	1/4	90,364	1/4	102,417	1/4	114,470
1/2	6,527	1/2	18,579	1/2	30,561	1/2	42,395	1/2	54,450	1/2	66,505	1/2	78,560	1/2	90,615	1/2	102,668	1/2	114,721
3/4	6,778	3/4	18,830	3/4	30,805	3/4	42,646	3/4	54,701	3/4	66,756	3/4	78,811	3/4	90,866	3/4	102,919	3/4	114,972
10	7,028	10	19,081	10	31,049	10	42,898	10	54,952	10	67,007	10	79,062	10	91,117	10	103,170	10	115,223
1/4	7,279	1/4	19,333	1/4	31,292	1/4	43,149	1/4	55,204	1/4	67,258	1/4	79,313	1/4	91,368	1/4	103,421	1/4	115,474
1/2	7,530	1/2	19,584	1/2	31,536	1/2	43,400	1/2	55,455	1/2	67,510	1/2	79,564	1/2	91,619	1/2	103,672	1/2	115,725
3/4	7,781	3/4	19,835	3/4	31,780	3/4	43,651	3/4	55,706	3/4	67,761	3/4	79,816	3/4	91,870	3/4	103,923	3/4	115,976
11	8,032	11	20,086	11	32,023	11	43,902	11	55,957	11	68,012	11	80,067	11	92,122	11	104,174	11	116,227
1/4	8,283	1/4	20,337	1/4	32,267	1/4	44,153	1/4	56,208	1/4	68,263	1/4	80,318	1/4	92,373	1/4	104,426	1/4	116,478
1/2	8,534	1/2	20,588	1/2	32,511	1/2	44,404	1/2	56,459	1/2	68,514	1/2	80,569	1/2	92,624	1/2	104,677	1/2	116,729
3/4	8,785	3/4	20,839	3/4	32,755	3/4	44,656	3/4	56,710	3/4	68,765	3/4	80,820	3/4	92,875	3/4	104,928	3/4	116,981

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 28'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1350"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,232	0	129,284	0	141,337	0	153,323	0	165,272	0		0		0		0		0	
1/4	117,483	1/4	129,536	1/4	141,587	1/4	153,573	1/4	165,519	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,734	1/2	129,787	1/2	141,837	1/2	153,822	1/2	165,767	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117,985	3/4	130,038	3/4	142,086	3/4	154,072	3/4	166,014	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,236	1	130,289	1	142,336	1	154,322	1	166,261	1	1	1	1	1	1	1	1	1	1
1/4	118,487	1/4	130,540	1/4	142,586	1/4	154,572	1/4	166,509	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,738	1/2	130,791	1/2	142,835	1/2	154,821	1/2	166,756	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,989	3/4	131,042	3/4	143,085	3/4	155,071	3/4	167,004	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,240	2	131,293	2	143,335	2	155,321	2	167,251	2	2	2	2	2	2	2	2	2	2
1/4	119,492	1/4	131,544	1/4	143,585	1/4	155,570	1/4	167,478	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,743	1/2	131,795	1/2	143,834	1/2	155,820	1/2	167,704	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,994	3/4	132,047	3/4	144,084	3/4	156,070	3/4	167,930	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,245	3	132,298	3	144,334	3	156,319	3	168,157	3	3	3	3	3	3	3	3	3	3
1/4	120,496	1/4	132,549	1/4	144,583	1/4	156,569	1/4	168,342	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,747	1/2	132,800	1/2	144,833	1/2	156,819	1/2	168,526	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,998	3/4	133,051	3/4	145,083	3/4	157,069	3/4	168,711	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,249	4	133,302	4	145,333	4	157,318	4	168,895	4	4	4	4	4	4	4	4	4	4
1/4	121,500	1/4	133,553	1/4	145,582	1/4	157,568	1/4	169,038	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,751	1/2	133,804	1/2	145,832	1/2	157,818	1/2	169,181	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,003	3/4	134,055	3/4	146,082	3/4	158,067	3/4	169,324	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,254	5	134,306	5	146,331	5	158,317	5	169,466	5	5	5	5	5	5	5	5	5	5
1/4	122,505	1/4	134,558	1/4	146,581	1/4	158,567	1/4	169,567	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,756	1/2	134,809	1/2	146,831	1/2	158,816	1/2	169,668	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,007	3/4	135,060	3/4	147,080	3/4	159,066	3/4	169,769	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,258	6	135,311	6	147,330	6	159,316	6	169,870	6	6	6	6	6	6	6	6	6	6
1/4	123,509	1/4	135,562	1/4	147,580	1/4	159,566	1/4	169,929	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,760	1/2	135,813	1/2	147,830	1/2	159,815	1/2	169,988	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,011	3/4	136,064	3/4	148,079	3/4	160,065	3/4	170,047	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,262	7	136,315	7	148,329	7	160,315	7	170,106	7	7	7	7	7	7	7	7	7	7
1/4	124,514	1/4	136,566	1/4	148,579	1/4	160,564	1/4	170,123	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,765	1/2	136,817	1/2	148,828	1/2	160,814	1/2	170,140	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,016	3/4	137,069	3/4	149,078	3/4	161,064	3/4	170,158	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,267	8	137,320	8	149,328	8	161,314	8	170,175	8	8	8	8	8	8	8	8	8	8
1/4	125,518	1/4	137,571	1/4	149,577	1/4	161,561	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,769	1/2	137,822	1/2	149,827	1/2	161,808	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,020	3/4	138,073	3/4	150,077	3/4	162,056	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,271	9	138,324	9	150,327	9	162,303	9		9	9	9	9	9	9	9	9	9	9
1/4	126,522	1/4	138,575	1/4	150,576	1/4	162,551	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,773	1/2	138,826	1/2	150,826	1/2	162,798	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,025	3/4	139,077	3/4	151,076	3/4	163,045	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,276	10	139,328	10	151,325	10	163,293	10		10	10	10	10	10	10	10	10	10	10
1/4	127,527	1/4	139,580	1/4	151,575	1/4	163,540	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,778	1/2	139,831	1/2	151,825	1/2	163,787	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,029	3/4	140,082	3/4	152,074	3/4	164,035	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,280	11	140,333	11	152,324	11	164,282	11		11	11	11	11	11	11	11	11	11	11
1/4	128,531	1/4	140,584	1/4	152,574	1/4	164,530	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,782	1/2	140,835	1/2	152,824	1/2	164,777	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,033	3/4	141,086	3/4	153,073	3/4	165,024	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.

STRAPPED: 08/07/2012 CL - SW
CALCULATED: 08/07/2012 CL
PRINTED: 08/07/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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



BARGE "CBC 1350"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	39	0	8,037	0	18,752	0	29,453	0	40,157	0	50,873	0	61,588	0	72,304	0	83,020	0	93,734
1/4	58	1/4	8,260	1/4	18,975	1/4	29,675	1/4	40,380	1/4	51,096	1/4	61,812	1/4	72,527	1/4	83,243	1/4	93,957
1/2	76	1/2	8,483	1/2	19,198	1/2	29,898	1/2	40,604	1/2	51,319	1/2	62,035	1/2	72,751	1/2	83,466	1/2	94,180
3/4	95	3/4	8,706	3/4	19,422	3/4	30,120	3/4	40,827	3/4	51,542	3/4	62,258	3/4	72,974	3/4	83,689	3/4	94,403
1	114	1	8,930	1	19,645	1	30,343	1	41,050	1	51,766	1	62,481	1	73,197	1	83,913	1	94,626
1/4	169	1/4	9,153	1/4	19,868	1/4	30,566	1/4	41,273	1/4	51,989	1/4	62,705	1/4	73,420	1/4	84,136	1/4	94,850
1/2	225	1/2	9,376	1/2	20,091	1/2	30,788	1/2	41,497	1/2	52,212	1/2	62,928	1/2	73,644	1/2	84,359	1/2	95,073
3/4	281	3/4	9,599	3/4	20,314	3/4	31,011	3/4	41,720	3/4	52,435	3/4	63,151	3/4	73,867	3/4	84,582	3/4	95,296
2	337	2	9,823	2	20,538	2	31,233	2	41,943	2	52,659	2	63,374	2	74,090	2	84,805	2	95,519
1/4	430	1/4	10,046	1/4	20,761	1/4	31,456	1/4	42,166	1/4	52,882	1/4	63,598	1/4	74,313	1/4	85,029	1/4	95,742
1/2	523	1/2	10,269	1/2	20,984	1/2	31,678	1/2	42,390	1/2	53,105	1/2	63,821	1/2	74,536	1/2	85,252	1/2	95,966
3/4	616	3/4	10,492	3/4	21,207	3/4	31,901	3/4	42,613	3/4	53,328	3/4	64,044	3/4	74,760	3/4	85,475	3/4	96,189
3	709	3	10,715	3	21,431	3	32,123	3	42,836	3	53,552	3	64,267	3	74,983	3	85,698	3	96,412
1/4	839	1/4	10,939	1/4	21,654	1/4	32,346	1/4	43,059	1/4	53,775	1/4	64,491	1/4	75,206	1/4	85,921	1/4	96,635
1/2	969	1/2	11,162	1/2	21,877	1/2	32,568	1/2	43,282	1/2	53,998	1/2	64,714	1/2	75,429	1/2	86,145	1/2	96,858
3/4	1,100	3/4	11,385	3/4	22,100	3/4	32,791	3/4	43,506	3/4	54,221	3/4	64,937	3/4	75,653	3/4	86,368	3/4	97,082
4	1,230	4	11,608	4	22,324	4	33,013	4	43,729	4	54,445	4	65,160	4	75,876	4	86,591	4	97,305
1/4	1,397	1/4	11,832	1/4	22,547	1/4	33,237	1/4	43,952	1/4	54,668	1/4	65,384	1/4	76,099	1/4	86,814	1/4	97,528
1/2	1,565	1/2	12,055	1/2	22,770	1/2	33,460	1/2	44,175	1/2	54,891	1/2	65,607	1/2	76,322	1/2	87,037	1/2	97,751
3/4	1,732	3/4	12,278	3/4	22,993	3/4	33,683	3/4	44,399	3/4	55,114	3/4	65,830	3/4	76,546	3/4	87,261	3/4	97,974
5	1,899	5	12,501	5	23,217	5	33,906	5	44,622	5	55,338	5	66,053	5	76,769	5	87,484	5	98,198
1/4	2,104	1/4	12,725	1/4	23,440	1/4	34,130	1/4	44,845	1/4	55,561	1/4	66,277	1/4	76,992	1/4	87,707	1/4	98,421
1/2	2,308	1/2	12,948	1/2	23,663	1/2	34,353	1/2	45,068	1/2	55,784	1/2	66,500	1/2	77,215	1/2	87,930	1/2	98,644
3/4	2,512	3/4	13,171	3/4	23,886	3/4	34,576	3/4	45,292	3/4	56,007	3/4	66,723	3/4	77,439	3/4	88,153	3/4	98,867
6	2,716	6	13,394	6	24,109	6	34,799	6	45,515	6	56,231	6	66,946	6	77,662	6	88,377	6	99,090
1/4	2,934	1/4	13,617	1/4	24,332	1/4	35,023	1/4	45,738	1/4	56,454	1/4	67,169	1/4	77,885	1/4	88,600	1/4	99,314
1/2	3,153	1/2	13,841	1/2	24,555	1/2	35,246	1/2	45,961	1/2	56,677	1/2	67,393	1/2	78,108	1/2	88,823	1/2	99,537
3/4	3,372	3/4	14,064	3/4	24,778	3/4	35,469	3/4	46,185	3/4	56,900	3/4	67,616	3/4	78,332	3/4	89,046	3/4	99,760
7	3,591	7	14,287	7	25,001	7	35,692	7	46,408	7	57,124	7	67,839	7	78,555	7	89,269	7	99,983
1/4	3,812	1/4	14,510	1/4	25,224	1/4	35,915	1/4	46,631	1/4	57,347	1/4	68,062	1/4	78,778	1/4	89,493	1/4	100,207
1/2	4,032	1/2	14,734	1/2	25,447	1/2	36,139	1/2	46,854	1/2	57,570	1/2	68,286	1/2	79,001	1/2	89,716	1/2	100,430
3/4	4,253	3/4	14,957	3/4	25,670	3/4	36,362	3/4	47,078	3/4	57,793	3/4	68,509	3/4	79,225	3/4	89,939	3/4	100,653
8	4,474	8	15,180	8	25,893	8	36,585	8	47,301	8	58,017	8	68,732	8	79,448	8	90,162	8	100,876
1/4	4,696	1/4	15,403	1/4	26,115	1/4	36,808	1/4	47,524	1/4	58,240	1/4	68,955	1/4	79,671	1/4	90,385	1/4	101,099
1/2	4,917	1/2	15,627	1/2	26,338	1/2	37,032	1/2	47,747	1/2	58,463	1/2	69,179	1/2	79,894	1/2	90,609	1/2	101,323
3/4	5,139	3/4	15,850	3/4	26,560	3/4	37,255	3/4	47,971	3/4	58,686	3/4	69,402	3/4	80,118	3/4	90,832	3/4	101,546
9	5,361	9	16,073	9	26,783	9	37,478	9	48,194	9	58,909	9	69,625	9	80,341	9	91,055	9	101,769
1/4	5,584	1/4	16,296	1/4	27,005	1/4	37,701	1/4	48,417	1/4	59,133	1/4	69,848	1/4	80,564	1/4	91,278	1/4	101,992
1/2	5,806	1/2	16,520	1/2	27,228	1/2	37,925	1/2	48,640	1/2	59,356	1/2	70,072	1/2	80,787	1/2	91,502	1/2	102,215
3/4	6,029	3/4	16,743	3/4	27,450	3/4	38,148	3/4	48,864	3/4	59,579	3/4	70,295	3/4	81,011	3/4	91,725	3/4	102,439
10	6,252	10	16,966	10	27,673	10	38,371	10	49,087	10	59,802	10	70,518	10	81,234	10	91,948	10	102,662
1/4	6,475	1/4	17,189	1/4	27,895	1/4	38,594	1/4	49,310	1/4	60,026	1/4	70,741	1/4	81,457	1/4	92,171	1/4	102,885
1/2	6,698	1/2	17,412	1/2	28,118	1/2	38,818	1/2	49,533	1/2	60,249	1/2	70,965	1/2	81,680	1/2	92,394	1/2	103,108
3/4	6,921	3/4	17,636	3/4	28,340	3/4	39,041	3/4	49,757	3/4	60,472	3/4	71,188	3/4	81,903	3/4	92,618	3/4	103,331
11	7,144	11	17,859	11	28,563	11	39,264	11	49,980	11	60,695	11	71,411	11	82,127	11	92,841	11	103,555
1/4	7,367	1/4	18,082	1/4	28,785	1/4	39,487	1/4	50,203	1/4	60,919	1/4	71,634	1/4	82,350	1/4	93,064	1/4	103,778
1/2	7,590	1/2	18,305	1/2	29,008	1/2	39,711	1/2	50,426	1/2	61,142	1/2	71,858	1/2	82,573	1/2	93,287	1/2	104,001
3/4	7,813	3/4	18,529	3/4	29,230	3/4	39,934	3/4	50,650	3/4	61,365	3/4	72,081	3/4	82,796	3/4	93,510	3/4	104,224

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 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1350"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	104,447	0	115,161	0	125,875	0	136,530	0	147,152	0		0		0		0		0	
1/4	104,671	1/4	115,384	1/4	126,097	1/4	136,752	1/4	147,372	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,894	1/2	115,608	1/2	126,319	1/2	136,974	1/2	147,592	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,117	3/4	115,831	3/4	126,541	3/4	137,196	3/4	147,812	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,340	1	116,054	1	126,763	1	137,418	1	148,032	1	1	1	1	1	1	1	1	1	1
1/4	105,563	1/4	116,277	1/4	126,985	1/4	137,640	1/4	148,252	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,787	1/2	116,500	1/2	127,207	1/2	137,862	1/2	148,472	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,010	3/4	116,724	3/4	127,429	3/4	138,084	3/4	148,692	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,233	2	116,947	2	127,651	2	138,306	2	148,912	2	2	2	2	2	2	2	2	2	2
1/4	106,456	1/4	117,170	1/4	127,873	1/4	138,528	1/4	149,113	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,679	1/2	117,393	1/2	128,095	1/2	138,750	1/2	149,315	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,903	3/4	117,617	3/4	128,317	3/4	138,972	3/4	149,516	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,126	3	117,840	3	128,539	3	139,194	3	149,717	3	3	3	3	3	3	3	3	3	3
1/4	107,349	1/4	118,063	1/4	128,761	1/4	139,416	1/4	149,881	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,572	1/2	118,286	1/2	128,983	1/2	139,638	1/2	150,045	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,795	3/4	118,509	3/4	129,205	3/4	139,860	3/4	150,210	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,019	4	118,733	4	129,427	4	140,082	4	150,374	4	4	4	4	4	4	4	4	4	4
1/4	108,242	1/4	118,956	1/4	129,649	1/4	140,304	1/4	150,501	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,465	1/2	119,179	1/2	129,871	1/2	140,526	1/2	150,628	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,688	3/4	119,402	3/4	130,093	3/4	140,748	3/4	150,754	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,912	5	119,625	5	130,315	5	140,970	5	150,881	5	5	5	5	5	5	5	5	5	5
1/4	109,135	1/4	119,849	1/4	130,537	1/4	141,192	1/4	150,971	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,358	1/2	120,072	1/2	130,759	1/2	141,414	1/2	151,061	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,581	3/4	120,295	3/4	130,981	3/4	141,636	3/4	151,150	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,804	6	120,518	6	131,203	6	141,858	6	151,240	6	6	6	6	6	6	6	6	6	6
1/4	110,028	1/4	120,741	1/4	131,425	1/4	142,080	1/4	151,293	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,251	1/2	120,965	1/2	131,647	1/2	142,302	1/2	151,345	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,474	3/4	121,188	3/4	131,869	3/4	142,524	3/4	151,398	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,697	7	121,411	7	132,091	7	142,746	7	151,450	7	7	7	7	7	7	7	7	7	7
1/4	110,920	1/4	121,634	1/4	132,313	1/4	142,968	1/4	151,465	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,144	1/2	121,857	1/2	132,535	1/2	143,190	1/2	151,481	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,367	3/4	122,081	3/4	132,757	3/4	143,412	3/4	151,496	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,590	8	122,304	8	132,978	8	143,634	8	151,511	8	8	8	8	8	8	8	8	8	8
1/4	111,813	1/4	122,527	1/4	133,200	1/4	143,854	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,036	1/2	122,750	1/2	133,422	1/2	144,073	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,260	3/4	122,973	3/4	133,644	3/4	144,293	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,483	9	123,197	9	133,866	9	144,513	9		9	9	9	9	9	9	9	9	9	9
1/4	112,706	1/4	123,420	1/4	134,088	1/4	144,733	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,929	1/2	123,643	1/2	134,310	1/2	144,953	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,152	3/4	123,866	3/4	134,532	3/4	145,173	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,376	10	124,089	10	134,754	10	145,393	10	10	10	10	10	10	10	10	10	10	10	10
1/4	113,599	1/4	124,313	1/4	134,976	1/4	145,613	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,822	1/2	124,536	1/2	135,198	1/2	145,833	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,045	3/4	124,759	3/4	135,420	3/4	146,053	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,268	11	124,982	11	135,642	11	146,273	11		11	11	11	11	11	11	11	11	11	11
1/4	114,492	1/4	125,205	1/4	135,864	1/4	146,493	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,715	1/2	125,429	1/2	136,086	1/2	146,713	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,938	3/4	125,652	3/4	136,308	3/4	146,933	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.

STRAPPED: 08/07/2012 CL - SW
CALCULATED: 08/07/2012 CL
PRINTED: 08/07/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1350"

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	- 00-0/8	00-0/8	- 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
2 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2
3 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

August 7, 2012

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

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BARGE "CBC 1350"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,455	0	57,694	0	46,929	0	36,164	0	25,596	0	14,840	0	4,061	0		0		0	
1/4	68,231	1/4	57,470	1/4	46,705	1/4	35,940	1/4	25,378	1/4	14,615	1/4	3,839	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,008	1/2	57,245	1/2	46,481	1/2	35,716	1/2	25,159	1/2	14,390	1/2	3,616	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,784	3/4	57,021	3/4	46,256	3/4	35,491	3/4	24,940	3/4	14,165	3/4	3,396	3/4	3/4	3/4	3/4	3/4	3/4
1	67,560	1	56,797	1	46,032	1	35,267	1	24,721	1	13,940	1	3,175	1	1	1	1	1	1
1/4	67,337	1/4	56,573	1/4	45,808	1/4	35,043	1/4	24,502	1/4	13,715	1/4	2,955	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,113	1/2	56,348	1/2	45,583	1/2	34,819	1/2	24,283	1/2	13,491	1/2	2,735	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,889	3/4	56,124	3/4	45,359	3/4	34,594	3/4	24,058	3/4	13,266	3/4	2,529	3/4	3/4	3/4	3/4	3/4	3/4
2	66,665	2	55,900	2	45,135	2	34,370	2	23,834	2	13,041	2	2,324	2	2	2	2	2	2
1/4	66,440	1/4	55,675	1/4	44,911	1/4	34,146	1/4	23,609	1/4	12,816	1/4	2,118	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,216	1/2	55,451	1/2	44,686	1/2	33,922	1/2	23,384	1/2	12,591	1/2	1,913	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,992	3/4	55,227	3/4	44,462	3/4	33,697	3/4	23,159	3/4	12,366	3/4	1,744	3/4	3/4	3/4	3/4	3/4	3/4
3	65,767	3	55,003	3	44,238	3	33,473	3	22,934	3	12,141	3	1,576	3	3	3	3	3	3
1/4	65,543	1/4	54,778	1/4	44,014	1/4	33,249	1/4	22,709	1/4	11,917	1/4	1,407	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,319	1/2	54,554	1/2	43,789	1/2	33,024	1/2	22,485	1/2	11,692	1/2	1,238	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,095	3/4	54,330	3/4	43,565	3/4	32,806	3/4	22,260	3/4	11,467	3/4	1,107	3/4	3/4	3/4	3/4	3/4	3/4
4	64,870	4	54,106	4	43,341	4	32,588	4	22,035	4	11,242	4	976	4	4	4	4	4	4
1/4	64,646	1/4	53,881	1/4	43,117	1/4	32,369	1/4	21,810	1/4	11,017	1/4	845	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,422	1/2	53,657	1/2	42,892	1/2	32,151	1/2	21,585	1/2	10,792	1/2	714	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,198	3/4	53,433	3/4	42,668	3/4	31,932	3/4	21,360	3/4	10,568	3/4	620	3/4	3/4	3/4	3/4	3/4	3/4
5	63,973	5	53,209	5	42,444	5	31,714	5	21,135	5	10,343	5	526	5	5	5	5	5	5
1/4	63,749	1/4	52,984	1/4	42,219	1/4	31,495	1/4	20,911	1/4	10,118	1/4	433	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,525	1/2	52,760	1/2	41,995	1/2	31,277	1/2	20,686	1/2	9,893	1/2	339	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,301	3/4	52,536	3/4	41,771	3/4	31,058	3/4	20,461	3/4	9,668	3/4	283	3/4	3/4	3/4	3/4	3/4	3/4
6	63,076	6	52,311	6	41,547	6	30,840	6	20,236	6	9,443	6	227	6	6	6	6	6	6
1/4	62,852	1/4	52,087	1/4	41,322	1/4	30,622	1/4	20,011	1/4	9,218	1/4	171	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,628	1/2	51,863	1/2	41,098	1/2	30,403	1/2	19,786	1/2	8,994	1/2	114	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,403	3/4	51,639	3/4	40,874	3/4	30,185	3/4	19,561	3/4	8,769	3/4	96	3/4	3/4	3/4	3/4	3/4	3/4
7	62,179	7	51,414	7	40,650	7	29,966	7	19,337	7	8,544	7	77	7	7	7	7	7	7
1/4	61,955	1/4	51,190	1/4	40,425	1/4	29,748	1/4	19,112	1/4	8,319	1/4	58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,731	1/2	50,966	1/2	40,201	1/2	29,529	1/2	18,887	1/2	8,094	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,506	3/4	50,742	3/4	39,977	3/4	29,311	3/4	18,662	3/4	7,869	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	61,282	8	50,517	8	39,752	8	29,092	8	18,437	8	7,645	8		8	8	8	8	8	8
1/4	61,058	1/4	50,293	1/4	39,528	1/4	28,874	1/4	18,212	1/4	7,420	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,834	1/2	50,069	1/2	39,304	1/2	28,655	1/2	17,988	1/2	7,195	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,609	3/4	49,845	3/4	39,080	3/4	28,437	3/4	17,763	3/4	6,970	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,385	9	49,620	9	38,855	9	28,219	9	17,538	9	6,746	9		9	9	9	9	9	9
1/4	60,161	1/4	49,396	1/4	38,631	1/4	28,000	1/4	17,313	1/4	6,521	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,937	1/2	49,172	1/2	38,407	1/2	27,782	1/2	17,088	1/2	6,296	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,712	3/4	48,947	3/4	38,183	3/4	27,563	3/4	16,863	3/4	6,072	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,488	10	48,723	10	37,958	10	27,345	10	16,638	10	5,848	10		10	10	10	10	10	10
1/4	59,264	1/4	48,499	1/4	37,734	1/4	27,126	1/4	16,414	1/4	5,624	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,039	1/2	48,275	1/2	37,510	1/2	26,908	1/2	16,189	1/2	5,399	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,815	3/4	48,050	3/4	37,286	3/4	26,689	3/4	15,964	3/4	5,176	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,591	11	47,826	11	37,061	11	26,471	11	15,739	11	4,952	11		11	11	11	11	11	11
1/4	58,367	1/4	47,602	1/4	36,837	1/4	26,252	1/4	15,514	1/4	4,729	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,142	1/2	47,378	1/2	36,613	1/2	26,034	1/2	15,289	1/2	4,506	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,918	3/4	47,153	3/4	36,388	3/4	25,815	3/4	15,065	3/4	4,283	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2012 CL - SW
CALCULATED: 08/07/2012 CL
PRINTED: 08/07/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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



BARGE "CBC 1350"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	170,175	0	161,314	0	149,328	0	137,320	0	125,267	0	113,214	0	101,161	0	89,108		
1/4	1/4	1/4	1/4	1/4	170,158	1/4	161,064	1/4	149,078	1/4	137,069	1/4	125,016	1/4	112,963	1/4	100,910	1/4	88,857		
1/2	1/2	1/2	1/2	1/2	170,140	1/2	160,814	1/2	148,828	1/2	136,817	1/2	124,765	1/2	112,712	1/2	100,659	1/2	88,606		
3/4	3/4	3/4	3/4	3/4	170,123	3/4	160,564	3/4	148,579	3/4	136,566	3/4	124,514	3/4	112,461	3/4	100,408	3/4	88,354		
1		1		1	170,106	1	160,315	1	148,329	1	136,315	1	124,262	1	112,210	1	100,157	1	88,103		
1/4	1/4	1/4	1/4	1/4	170,047	1/4	160,065	1/4	148,079	1/4	136,064	1/4	124,011	1/4	111,959	1/4	99,906	1/4	87,852		
1/2	1/2	1/2	1/2	1/2	169,988	1/2	159,815	1/2	147,830	1/2	135,813	1/2	123,760	1/2	111,707	1/2	99,655	1/2	87,601		
3/4	3/4	3/4	3/4	3/4	169,929	3/4	159,566	3/4	147,580	3/4	135,562	3/4	123,509	3/4	111,456	3/4	99,404	3/4	87,350		
2		2		2	169,870	2	159,316	2	147,330	2	135,311	2	123,258	2	111,205	2	99,152	2	87,099		
1/4	1/4	1/4	1/4	1/4	169,769	1/4	159,066	1/4	147,080	1/4	135,060	1/4	123,007	1/4	110,954	1/4	98,901	1/4	86,848		
1/2	1/2	1/2	1/2	1/2	169,668	1/2	158,816	1/2	146,831	1/2	134,809	1/2	122,756	1/2	110,703	1/2	98,650	1/2	86,596		
3/4	3/4	3/4	3/4	3/4	169,567	3/4	158,567	3/4	146,581	3/4	134,558	3/4	122,505	3/4	110,452	3/4	98,399	3/4	86,345		
3		3		3	169,466	3	158,317	3	146,331	3	134,306	3	122,254	3	110,201	3	98,148	3	86,094		
1/4	1/4	1/4	1/4	1/4	169,324	1/4	158,067	1/4	146,082	1/4	134,055	1/4	122,003	1/4	109,950	1/4	97,897	1/4	85,843		
1/2	1/2	1/2	1/2	1/2	169,181	1/2	157,818	1/2	145,832	1/2	133,804	1/2	121,751	1/2	109,699	1/2	97,646	1/2	85,592		
3/4	3/4	3/4	3/4	3/4	169,038	3/4	157,568	3/4	145,582	3/4	133,553	3/4	121,500	3/4	109,448	3/4	97,395	3/4	85,341		
4		4		4	168,895	4	157,318	4	145,333	4	133,302	4	121,249	4	109,196	4	97,144	4	85,090		
1/4	1/4	1/4	1/4	1/4	168,711	1/4	157,069	1/4	145,083	1/4	133,051	1/4	120,998	1/4	108,945	1/4	96,893	1/4	84,838		
1/2	1/2	1/2	1/2	1/2	168,526	1/2	156,819	1/2	144,833	1/2	132,800	1/2	120,747	1/2	108,694	1/2	96,641	1/2	84,587		
3/4	3/4	3/4	3/4	3/4	168,342	3/4	156,569	3/4	144,583	3/4	132,549	3/4	120,496	3/4	108,443	3/4	96,390	3/4	84,336		
5		5		5	168,157	5	156,319	5	144,334	5	132,298	5	120,245	5	108,192	5	96,139	5	84,085		
1/4	1/4	1/4	1/4	1/4	167,930	1/4	156,070	1/4	144,084	1/4	132,047	1/4	119,994	1/4	107,941	1/4	95,888	1/4	83,834		
1/2	1/2	1/2	1/2	1/2	167,704	1/2	155,820	1/2	143,834	1/2	131,795	1/2	119,743	1/2	107,690	1/2	95,637	1/2	83,583		
3/4	3/4	3/4	3/4	3/4	167,478	3/4	155,570	3/4	143,585	3/4	131,544	3/4	119,492	3/4	107,439	3/4	95,386	3/4	83,332		
6		6		6	167,251	6	155,321	6	143,335	6	131,293	6	119,240	6	107,188	6	95,135	6	83,080		
1/4	1/4	1/4	1/4	1/4	167,004	1/4	155,071	1/4	143,085	1/4	131,042	1/4	118,989	1/4	106,937	1/4	94,884	1/4	82,829		
1/2	1/2	1/2	1/2	1/2	166,756	1/2	154,821	1/2	142,835	1/2	130,791	1/2	118,738	1/2	106,685	1/2	94,633	1/2	82,578		
3/4	3/4	3/4	3/4	3/4	166,509	3/4	154,572	3/4	142,586	3/4	130,540	3/4	118,487	3/4	106,434	3/4	94,382	3/4	82,327		
7		7		7	166,261	7	154,322	7	142,336	7	130,289	7	118,236	7	106,183	7	94,130	7	82,076		
1/4	1/4	1/4	1/4	1/4	166,014	1/4	154,072	1/4	142,086	1/4	130,038	1/4	117,985	1/4	105,932	1/4	93,879	1/4	81,825		
1/2	1/2	1/2	1/2	1/2	165,767	1/2	153,822	1/2	141,837	1/2	129,787	1/2	117,734	1/2	105,681	1/2	93,628	1/2	81,574		
3/4	3/4	3/4	3/4	3/4	165,519	3/4	153,573	3/4	141,587	3/4	129,536	3/4	117,483	3/4	105,430	3/4	93,377	3/4	81,322		
8		8		8	165,272	8	153,323	8	141,337	8	129,284	8	117,232	8	105,179	8	93,126	8	81,071		
1/4	1/4	1/4	1/4	1/4	165,024	1/4	153,073	1/4	141,086	1/4	129,033	1/4	116,981	1/4	104,928	1/4	92,875	1/4	80,820		
1/2	1/2	1/2	1/2	1/2	164,777	1/2	152,824	1/2	140,835	1/2	128,782	1/2	116,729	1/2	104,677	1/2	92,624	1/2	80,569		
3/4	3/4	3/4	3/4	3/4	164,530	3/4	152,574	3/4	140,584	3/4	128,531	3/4	116,478	3/4	104,426	3/4	92,373	3/4	80,318		
9		9		9	164,282	9	152,324	9	140,333	9	128,280	9	116,227	9	104,174	9	92,122	9	80,067		
1/4	1/4	1/4	1/4	1/4	164,035	1/4	152,074	1/4	140,082	1/4	128,029	1/4	115,976	1/4	103,923	1/4	91,870	1/4	79,816		
1/2	1/2	1/2	1/2	1/2	163,787	1/2	151,825	1/2	139,831	1/2	127,778	1/2	115,725	1/2	103,672	1/2	91,619	1/2	79,564		
3/4	3/4	3/4	3/4	3/4	163,540	3/4	151,575	3/4	139,580	3/4	127,527	3/4	115,474	3/4	103,421	3/4	91,368	3/4	79,313		
10		10		10	163,293	10	151,325	10	139,328	10	127,276	10	115,223	10	103,170	10	91,117	10	79,062		
1/4	1/4	1/4	1/4	1/4	163,045	1/4	151,076	1/4	139,077	1/4	127,025	1/4	114,972	1/4	102,919	1/4	90,866	1/4	78,811		
1/2	1/2	1/2	1/2	1/2	162,798	1/2	150,826	1/2	138,826	1/2	126,773	1/2	114,721	1/2	102,668	1/2	90,615	1/2	78,560		
3/4	3/4	3/4	3/4	3/4	162,551	3/4	150,576	3/4	138,575	3/4	126,522	3/4	114,470	3/4	102,417	3/4	90,364	3/4	78,309		
11		11		11	162,303	11	150,327	11	138,324	11	126,271	11	114,218	11	102,166	11	90,112	11	78,058		
1/4	1/4	1/4	1/4	1/4	162,056	1/4	150,077	1/4	138,073	1/4	126,020	1/4	113,967	1/4	101,915	1/4	89,861	1/4	77,806		
1/2	1/2	1/2	1/2	1/2	161,808	1/2	149,827	1/2	137,822	1/2	125,769	1/2	113,716	1/2	101,663	1/2	89,610	1/2	77,555		
3/4	3/4	3/4	3/4	3/4	161,561	3/4	149,577	3/4	137,571	3/4	125,518	3/4	113,465	3/4	101,412	3/4	89,359	3/4	77,304		

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 28'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1350"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	77,053	0	64,998	0	52,943	0	40,888	0	29,099	0	17,072	0	5,028	0		0		0	
1/4	76,802	1/4	64,747	1/4	52,692	1/4	40,637	1/4	28,855	1/4	16,821	1/4	4,780	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,551	1/2	64,496	1/2	52,441	1/2	40,386	1/2	28,610	1/2	16,570	1/2	4,531	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,300	3/4	64,245	3/4	52,190	3/4	40,135	3/4	28,366	3/4	16,319	3/4	4,283	3/4	3/4	3/4	3/4	3/4	3/4
1	76,048	1	63,994	1	51,939	1	39,884	1	28,122	1	16,068	1	4,035	1	1	1	1	1	1
1/4	75,797	1/4	63,742	1/4	51,688	1/4	39,633	1/4	27,871	1/4	15,817	1/4	3,788	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,546	1/2	63,491	1/2	51,436	1/2	39,382	1/2	27,620	1/2	15,566	1/2	3,542	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,295	3/4	63,240	3/4	51,185	3/4	39,130	3/4	27,369	3/4	15,314	3/4	3,296	3/4	3/4	3/4	3/4	3/4	3/4
2	75,044	2	62,989	2	50,934	2	38,879	2	27,118	2	15,063	2	3,050	2	2	2	2	2	2
1/4	74,793	1/4	62,738	1/4	50,683	1/4	38,628	1/4	26,867	1/4	14,812	1/4	2,821	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,542	1/2	62,487	1/2	50,432	1/2	38,377	1/2	26,615	1/2	14,561	1/2	2,591	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,290	3/4	62,236	3/4	50,181	3/4	38,126	3/4	26,364	3/4	14,310	3/4	2,361	3/4	3/4	3/4	3/4	3/4	3/4
3	74,039	3	61,984	3	49,930	3	37,875	3	26,113	3	14,059	3	2,132	3	3	3	3	3	3
1/4	73,788	1/4	61,733	1/4	49,678	1/4	37,631	1/4	25,862	1/4	13,808	1/4	1,944	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,537	1/2	61,482	1/2	49,427	1/2	37,386	1/2	25,611	1/2	13,557	1/2	1,755	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,286	3/4	61,231	3/4	49,176	3/4	37,142	3/4	25,360	3/4	13,305	3/4	1,567	3/4	3/4	3/4	3/4	3/4	3/4
4	73,035	4	60,980	4	48,925	4	36,898	4	25,109	4	13,054	4	1,379	4	4	4	4	4	4
1/4	72,784	1/4	60,729	1/4	48,674	1/4	36,655	1/4	24,858	1/4	12,803	1/4	1,232	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,532	1/2	60,478	1/2	48,423	1/2	36,411	1/2	24,606	1/2	12,552	1/2	1,086	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,281	3/4	60,226	3/4	48,172	3/4	36,167	3/4	24,355	3/4	12,301	3/4	939	3/4	3/4	3/4	3/4	3/4	3/4
5	72,030	5	59,975	5	47,920	5	35,923	5	24,104	5	12,050	5	793	5	5	5	5	5	5
1/4	71,779	1/4	59,724	1/4	47,669	1/4	35,680	1/4	23,853	1/4	11,799	1/4	688	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,528	1/2	59,473	1/2	47,418	1/2	35,436	1/2	23,602	1/2	11,547	1/2	583	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,277	3/4	59,222	3/4	47,167	3/4	35,192	3/4	23,351	3/4	11,296	3/4	479	3/4	3/4	3/4	3/4	3/4	3/4
6	71,026	6	58,971	6	46,916	6	34,948	6	23,100	6	11,045	6	374	6	6	6	6	6	6
1/4	70,774	1/4	58,720	1/4	46,665	1/4	34,705	1/4	22,848	1/4	10,794	1/4	311	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,523	1/2	58,468	1/2	46,414	1/2	34,461	1/2	22,597	1/2	10,543	1/2	248	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,272	3/4	58,217	3/4	46,162	3/4	34,217	3/4	22,346	3/4	10,292	3/4	186	3/4	3/4	3/4	3/4	3/4	3/4
7	70,021	7	57,966	7	45,911	7	33,973	7	22,095	7	10,041	7	123	7	7	7	7	7	7
1/4	69,770	1/4	57,715	1/4	45,660	1/4	33,730	1/4	21,844	1/4	9,790	1/4	102	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,519	1/2	57,464	1/2	45,409	1/2	33,486	1/2	21,593	1/2	9,538	1/2	81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,268	3/4	57,213	3/4	45,158	3/4	33,242	3/4	21,342	3/4	9,287	3/4	60	3/4	3/4	3/4	3/4	3/4	3/4
8	69,016	8	56,962	8	44,907	8	32,998	8	21,091	8	9,036	8	39	8	8	8	8	8	8
1/4	68,765	1/4	56,710	1/4	44,656	1/4	32,755	1/4	20,839	1/4	8,785	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,514	1/2	56,459	1/2	44,404	1/2	32,511	1/2	20,588	1/2	8,534	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,263	3/4	56,208	3/4	44,153	3/4	32,267	3/4	20,337	3/4	8,283	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	68,012	9	55,957	9	43,902	9	32,023	9	20,086	9	8,032	9		9	9	9	9	9	9
1/4	67,761	1/4	55,706	1/4	43,651	1/4	31,780	1/4	19,835	1/4	7,781	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,510	1/2	55,455	1/2	43,400	1/2	31,536	1/2	19,584	1/2	7,530	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,258	3/4	55,204	3/4	43,149	3/4	31,292	3/4	19,333	3/4	7,279	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,007	10	54,952	10	42,898	10	31,049	10	19,081	10	7,028	10		10	10	10	10	10	10
1/4	66,756	1/4	54,701	1/4	42,646	1/4	30,805	1/4	18,830	1/4	6,778	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,505	1/2	54,450	1/2	42,395	1/2	30,561	1/2	18,579	1/2	6,527	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,254	3/4	54,199	3/4	42,144	3/4	30,317	3/4	18,328	3/4	6,277	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,003	11	53,948	11	41,893	11	30,074	11	18,077	11	6,026	11		11	11	11	11	11	11
1/4	65,752	1/4	53,697	1/4	41,642	1/4	29,830	1/4	17,826	1/4	5,777	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,500	1/2	53,446	1/2	41,391	1/2	29,586	1/2	17,575	1/2	5,527	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,249	3/4	53,194	3/4	41,140	3/4	29,342	3/4	17,324	3/4	5,278	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2012 CL - SW
CALCULATED: 08/07/2012 CL
PRINTED: 08/07/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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



BARGE "CBC 1350"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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		0		0	144,293	0	133,644	0	122,973	0	112,260	0	101,546	0	90,832	0	80,118
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,073	1/4	133,422	1/4	122,750	1/4	112,036	1/4	101,323	1/4	90,609	1/4	79,894
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,854	1/2	133,200	1/2	122,527	1/2	111,813	1/2	101,099	1/2	90,385	1/2	79,671
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,511	3/4	143,634	3/4	132,978	3/4	122,304	3/4	111,590	3/4	100,876	3/4	90,162
1		1		1		1	151,496	1	143,412	1	132,757	1	122,081	1	111,367	1	100,653	1	89,939
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,481	1/4	143,190	1/4	132,535	1/4	121,857	1/4	111,144	1/4	100,430	1/4	89,716
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,465	1/2	142,968	1/2	132,313	1/2	121,634	1/2	110,920	1/2	100,207	1/2	89,493
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,450	3/4	142,746	3/4	132,091	3/4	121,411	3/4	110,697	3/4	99,983	3/4	89,269
2		2		2		2	151,398	2	142,524	2	131,869	2	121,188	2	110,474	2	99,760	2	89,046
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,345	1/4	142,302	1/4	131,647	1/4	120,965	1/4	110,251	1/4	99,537	1/4	88,823
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,293	1/2	142,080	1/2	131,425	1/2	120,741	1/2	110,028	1/2	99,314	1/2	88,600
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,240	3/4	141,858	3/4	131,203	3/4	120,518	3/4	109,804	3/4	99,090	3/4	88,377
3		3		3		3	151,150	3	141,636	3	130,981	3	120,295	3	109,581	3	98,867	3	88,153
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,061	1/4	141,414	1/4	130,759	1/4	120,072	1/4	109,358	1/4	98,644	1/4	87,930
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,971	1/2	141,192	1/2	130,537	1/2	119,849	1/2	109,135	1/2	98,421	1/2	87,707
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,881	3/4	140,970	3/4	130,315	3/4	119,625	3/4	108,912	3/4	98,198	3/4	87,484
4		4		4		4	150,754	4	140,748	4	130,093	4	119,402	4	108,688	4	97,974	4	87,261
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,628	1/4	140,526	1/4	129,871	1/4	119,179	1/4	108,465	1/4	97,751	1/4	87,037
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,501	1/2	140,304	1/2	129,649	1/2	118,956	1/2	108,242	1/2	97,528	1/2	86,814
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,374	3/4	140,082	3/4	129,427	3/4	118,733	3/4	108,019	3/4	97,305	3/4	86,591
5		5		5		5	150,210	5	139,860	5	129,205	5	118,509	5	107,795	5	97,082	5	86,368
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,045	1/4	139,638	1/4	128,983	1/4	118,286	1/4	107,572	1/4	96,858	1/4	86,145
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,881	1/2	139,416	1/2	128,761	1/2	118,063	1/2	107,349	1/2	96,635	1/2	85,921
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,717	3/4	139,194	3/4	128,539	3/4	117,840	3/4	107,126	3/4	96,412	3/4	85,698
6		6		6		6	149,516	6	138,972	6	128,317	6	117,617	6	106,903	6	96,189	6	85,475
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,315	1/4	138,750	1/4	128,095	1/4	117,393	1/4	106,679	1/4	95,966	1/4	85,252
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,113	1/2	138,528	1/2	127,873	1/2	117,170	1/2	106,456	1/2	95,742	1/2	85,029
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,912	3/4	138,306	3/4	127,651	3/4	116,947	3/4	106,233	3/4	95,519	3/4	84,805
7		7		7		7	148,692	7	138,084	7	127,429	7	116,724	7	106,010	7	95,296	7	84,582
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,472	1/4	137,862	1/4	127,207	1/4	116,500	1/4	105,787	1/4	95,073	1/4	84,359
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,252	1/2	137,640	1/2	126,985	1/2	116,277	1/2	105,563	1/2	94,850	1/2	84,136
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,032	3/4	137,418	3/4	126,763	3/4	116,054	3/4	105,340	3/4	94,626	3/4	83,913
8		8		8		8	147,812	8	137,196	8	126,541	8	115,831	8	105,117	8	94,403	8	83,689
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,592	1/4	136,974	1/4	126,319	1/4	115,608	1/4	104,894	1/4	94,180	1/4	83,466
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,372	1/2	136,752	1/2	126,097	1/2	115,384	1/2	104,671	1/2	93,957	1/2	83,243
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,152	3/4	136,530	3/4	125,875	3/4	115,161	3/4	104,447	3/4	93,734	3/4	83,020
9		9		9		9	146,933	9	136,308	9	125,652	9	114,938	9	104,224	9	93,510	9	82,796
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,713	1/4	136,086	1/4	125,429	1/4	114,715	1/4	104,001	1/4	93,287	1/4	82,573
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,493	1/2	135,864	1/2	125,205	1/2	114,492	1/2	103,778	1/2	93,064	1/2	82,350
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,273	3/4	135,642	3/4	124,982	3/4	114,268	3/4	103,555	3/4	92,841	3/4	82,127
10		10		10		10	146,053	10	135,420	10	124,759	10	114,045	10	103,331	10	92,618	10	81,903
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,833	1/4	135,198	1/4	124,536	1/4	113,822	1/4	103,108	1/4	92,394	1/4	81,680
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,613	1/2	134,976	1/2	124,313	1/2	113,599	1/2	102,885	1/2	92,171	1/2	81,457
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,393	3/4	134,754	3/4	124,089	3/4	113,376	3/4	102,662	3/4	91,948	3/4	81,234
11		11		11		11	145,173	11	134,532	11	123,866	11	113,152	11	102,439	11	91,725	11	81,011
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,953	1/4	134,310	1/4	123,643	1/4	112,929	1/4	102,215	1/4	91,502	1/4	80,787
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,733	1/2	134,088	1/2	123,420	1/2	112,706	1/2	101,992	1/2	91,278	1/2	80,564
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,513	3/4	133,866	3/4	123,197	3/4	112,483	3/4	101,769	3/4	91,055	3/4	80,341

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1350"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	69,402	0	58,686	0	47,971	0	37,255	0	26,560	0	15,850	0	5,139	0		0		0	
1/4	69,179	1/4	58,463	1/4	47,747	1/4	37,032	1/4	26,338	1/4	15,627	1/4	4,917	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,955	1/2	58,240	1/2	47,524	1/2	36,808	1/2	26,115	1/2	15,403	1/2	4,696	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,732	3/4	58,017	3/4	47,301	3/4	36,585	3/4	25,893	3/4	15,180	3/4	4,474	3/4	3/4	3/4	3/4	3/4	3/4
1	68,509	1	57,793	1	47,078	1	36,362	1	25,670	1	14,957	1	4,253	1	1	1	1	1	1
1/4	68,286	1/4	57,570	1/4	46,854	1/4	36,139	1/4	25,447	1/4	14,734	1/4	4,032	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,062	1/2	57,347	1/2	46,631	1/2	35,915	1/2	25,224	1/2	14,510	1/2	3,812	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,839	3/4	57,124	3/4	46,408	3/4	35,692	3/4	25,001	3/4	14,287	3/4	3,591	3/4	3/4	3/4	3/4	3/4	3/4
2	67,616	2	56,900	2	46,185	2	35,469	2	24,778	2	14,064	2	3,372	2	2	2	2	2	2
1/4	67,393	1/4	56,677	1/4	45,961	1/4	35,246	1/4	24,555	1/4	13,841	1/4	3,153	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,169	1/2	56,454	1/2	45,738	1/2	35,023	1/2	24,332	1/2	13,617	1/2	2,934	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,946	3/4	56,231	3/4	45,515	3/4	34,799	3/4	24,109	3/4	13,394	3/4	2,716	3/4	3/4	3/4	3/4	3/4	3/4
3	66,723	3	56,007	3	45,292	3	34,576	3	23,886	3	13,171	3	2,512	3	3	3	3	3	3
1/4	66,500	1/4	55,784	1/4	45,068	1/4	34,353	1/4	23,663	1/4	12,948	1/4	2,308	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,277	1/2	55,561	1/2	44,845	1/2	34,130	1/2	23,440	1/2	12,725	1/2	2,104	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,053	3/4	55,338	3/4	44,622	3/4	33,906	3/4	23,217	3/4	12,501	3/4	1,899	3/4	3/4	3/4	3/4	3/4	3/4
4	65,830	4	55,114	4	44,399	4	33,683	4	22,993	4	12,278	4	1,732	4	4	4	4	4	4
1/4	65,607	1/4	54,891	1/4	44,175	1/4	33,460	1/4	22,770	1/4	12,055	1/4	1,565	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,384	1/2	54,668	1/2	43,952	1/2	33,237	1/2	22,547	1/2	11,832	1/2	1,397	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,160	3/4	54,445	3/4	43,729	3/4	33,013	3/4	22,324	3/4	11,608	3/4	1,230	3/4	3/4	3/4	3/4	3/4	3/4
5	64,937	5	54,221	5	43,506	5	32,791	5	22,100	5	11,385	5	1,100	5	5	5	5	5	5
1/4	64,714	1/4	53,998	1/4	43,282	1/4	32,568	1/4	21,877	1/4	11,162	1/4	969	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,491	1/2	53,775	1/2	43,059	1/2	32,346	1/2	21,654	1/2	10,939	1/2	839	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,267	3/4	53,552	3/4	42,836	3/4	32,123	3/4	21,431	3/4	10,715	3/4	709	3/4	3/4	3/4	3/4	3/4	3/4
6	64,044	6	53,328	6	42,613	6	31,901	6	21,207	6	10,492	6	616	6	6	6	6	6	6
1/4	63,821	1/4	53,105	1/4	42,390	1/4	31,678	1/4	20,984	1/4	10,269	1/4	523	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,598	1/2	52,882	1/2	42,166	1/2	31,456	1/2	20,761	1/2	10,046	1/2	430	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,374	3/4	52,659	3/4	41,943	3/4	31,233	3/4	20,538	3/4	9,823	3/4	337	3/4	3/4	3/4	3/4	3/4	3/4
7	63,151	7	52,435	7	41,720	7	31,011	7	20,314	7	9,599	7	281	7	7	7	7	7	7
1/4	62,928	1/4	52,212	1/4	41,497	1/4	30,788	1/4	20,091	1/4	9,376	1/4	225	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,705	1/2	51,989	1/2	41,273	1/2	30,566	1/2	19,868	1/2	9,153	1/2	169	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,481	3/4	51,766	3/4	41,050	3/4	30,343	3/4	19,645	3/4	8,930	3/4	114	3/4	3/4	3/4	3/4	3/4	3/4
8	62,258	8	51,542	8	40,827	8	30,120	8	19,422	8	8,706	8	95	8	8	8	8	8	8
1/4	62,035	1/4	51,319	1/4	40,604	1/4	29,898	1/4	19,198	1/4	8,483	1/4	76	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,812	1/2	51,096	1/2	40,380	1/2	29,675	1/2	18,975	1/2	8,260	1/2	58	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,588	3/4	50,873	3/4	40,157	3/4	29,453	3/4	18,752	3/4	8,037	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4
9	61,365	9	50,650	9	39,934	9	29,230	9	18,529	9	7,813	9		9	9	9	9	9	9
1/4	61,142	1/4	50,426	1/4	39,711	1/4	29,008	1/4	18,305	1/4	7,590	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,919	1/2	50,203	1/2	39,487	1/2	28,785	1/2	18,082	1/2	7,367	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,695	3/4	49,980	3/4	39,264	3/4	28,563	3/4	17,859	3/4	7,144	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,472	10	49,757	10	39,041	10	28,340	10	17,636	10	6,921	10		10	10	10	10	10	10
1/4	60,249	1/4	49,533	1/4	38,818	1/4	28,118	1/4	17,412	1/4	6,698	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,026	1/2	49,310	1/2	38,594	1/2	27,895	1/2	17,189	1/2	6,475	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,802	3/4	49,087	3/4	38,371	3/4	27,673	3/4	16,966	3/4	6,252	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	59,579	11	48,864	11	38,148	11	27,450	11	16,743	11	6,029	11		11	11	11	11	11	11
1/4	59,356	1/4	48,640	1/4	37,925	1/4	27,228	1/4	16,520	1/4	5,806	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,133	1/2	48,417	1/2	37,701	1/2	27,005	1/2	16,296	1/2	5,584	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,909	3/4	48,194	3/4	37,478	3/4	26,783	3/4	16,073	3/4	5,361	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2012 CL - SW
CALCULATED: 08/07/2012 CL
PRINTED: 08/07/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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& ANALYSIS, INC.
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