



BARGE "CBC 1360"

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

April 2, 2013

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



BARGE "CBC 1360"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	8,104	0	18,909	0	29,563	0	40,248	0	51,025	0	61,802	0	72,556	0	83,312	0	94,093
1/4	58	1/4	8,329	1/4	19,134	1/4	29,782	1/4	40,472	1/4	51,249	1/4	62,027	1/4	72,779	1/4	83,537	1/4	94,317
1/2	77	1/2	8,554	1/2	19,359	1/2	30,001	1/2	40,697	1/2	51,474	1/2	62,251	1/2	73,003	1/2	83,761	1/2	94,542
3/4	96	3/4	8,779	3/4	19,584	3/4	30,220	3/4	40,921	3/4	51,698	3/4	62,476	3/4	73,226	3/4	83,986	3/4	94,767
1	114	1	9,004	1	19,809	1	30,438	1	41,146	1	51,923	1	62,700	1	73,449	1	84,211	1	94,991
1/4	171	1/4	9,229	1/4	20,034	1/4	30,657	1/4	41,370	1/4	52,148	1/4	62,925	1/4	73,672	1/4	84,435	1/4	95,216
1/2	227	1/2	9,454	1/2	20,259	1/2	30,876	1/2	41,595	1/2	52,372	1/2	63,149	1/2	73,895	1/2	84,660	1/2	95,440
3/4	283	3/4	9,679	3/4	20,485	3/4	31,094	3/4	41,819	3/4	52,597	3/4	63,374	3/4	74,118	3/4	84,884	3/4	95,665
2	340	2	9,904	2	20,710	2	31,313	2	42,044	2	52,821	2	63,598	2	74,342	2	85,109	2	95,890
1/4	433	1/4	10,130	1/4	20,935	1/4	31,532	1/4	42,268	1/4	53,046	1/4	63,823	1/4	74,565	1/4	85,334	1/4	96,114
1/2	527	1/2	10,355	1/2	21,160	1/2	31,751	1/2	42,493	1/2	53,270	1/2	64,047	1/2	74,788	1/2	85,558	1/2	96,339
3/4	621	3/4	10,580	3/4	21,385	3/4	31,969	3/4	42,717	3/4	53,495	3/4	64,272	3/4	75,011	3/4	85,783	3/4	96,563
3	715	3	10,805	3	21,610	3	32,188	3	42,942	3	53,719	3	64,497	3	75,234	3	86,007	3	96,788
1/4	846	1/4	11,030	1/4	21,835	1/4	32,407	1/4	43,166	1/4	53,944	1/4	64,721	1/4	75,458	1/4	86,232	1/4	97,013
1/2	977	1/2	11,255	1/2	22,060	1/2	32,625	1/2	43,391	1/2	54,168	1/2	64,946	1/2	75,681	1/2	86,457	1/2	97,237
3/4	1,109	3/4	11,480	3/4	22,285	3/4	32,844	3/4	43,616	3/4	54,393	3/4	65,170	3/4	75,904	3/4	86,681	3/4	97,462
4	1,240	4	11,705	4	22,511	4	33,063	4	43,840	4	54,617	4	65,395	4	76,127	4	86,906	4	97,686
1/4	1,409	1/4	11,930	1/4	22,736	1/4	33,287	1/4	44,065	1/4	54,842	1/4	65,619	1/4	76,351	1/4	87,130	1/4	97,911
1/2	1,577	1/2	12,156	1/2	22,961	1/2	33,512	1/2	44,289	1/2	55,066	1/2	65,844	1/2	76,575	1/2	87,355	1/2	98,135
3/4	1,746	3/4	12,381	3/4	23,186	3/4	33,736	3/4	44,514	3/4	55,291	3/4	66,068	3/4	76,799	3/4	87,579	3/4	98,360
5	1,915	5	12,606	5	23,411	5	33,961	5	44,738	5	55,515	5	66,293	5	77,023	5	87,804	5	98,585
1/4	2,121	1/4	12,831	1/4	23,636	1/4	34,185	1/4	44,963	1/4	55,740	1/4	66,517	1/4	77,247	1/4	88,029	1/4	98,809
1/2	2,326	1/2	13,056	1/2	23,861	1/2	34,410	1/2	45,187	1/2	55,965	1/2	66,742	1/2	77,472	1/2	88,253	1/2	99,034
3/4	2,532	3/4	13,281	3/4	24,086	3/4	34,634	3/4	45,412	3/4	56,189	3/4	66,966	3/4	77,696	3/4	88,478	3/4	99,258
6	2,738	6	13,506	6	24,311	6	34,859	6	45,636	6	56,414	6	67,191	6	77,921	6	88,702	6	99,483
1/4	2,959	1/4	13,731	1/4	24,531	1/4	35,084	1/4	45,861	1/4	56,638	1/4	67,415	1/4	78,146	1/4	88,927	1/4	99,708
1/2	3,179	1/2	13,956	1/2	24,750	1/2	35,308	1/2	46,085	1/2	56,863	1/2	67,639	1/2	78,370	1/2	89,152	1/2	99,932
3/4	3,400	3/4	14,182	3/4	24,969	3/4	35,533	3/4	46,310	3/4	57,087	3/4	67,863	3/4	78,595	3/4	89,376	3/4	100,157
7	3,620	7	14,407	7	25,188	7	35,757	7	46,534	7	57,312	7	68,087	7	78,820	7	89,601	7	100,381
1/4	3,843	1/4	14,632	1/4	25,407	1/4	35,982	1/4	46,759	1/4	57,536	1/4	68,311	1/4	79,044	1/4	89,825	1/4	100,606
1/2	4,066	1/2	14,857	1/2	25,626	1/2	36,206	1/2	46,983	1/2	57,761	1/2	68,534	1/2	79,269	1/2	90,050	1/2	100,831
3/4	4,288	3/4	15,082	3/4	25,845	3/4	36,431	3/4	47,208	3/4	57,985	3/4	68,758	3/4	79,493	3/4	90,275	3/4	101,055
8	4,511	8	15,307	8	26,064	8	36,655	8	47,432	8	58,210	8	68,982	8	79,718	8	90,499	8	101,280
1/4	4,734	1/4	15,532	1/4	26,283	1/4	36,880	1/4	47,657	1/4	58,434	1/4	69,206	1/4	79,943	1/4	90,724	1/4	101,504
1/2	4,958	1/2	15,757	1/2	26,502	1/2	37,104	1/2	47,882	1/2	58,659	1/2	69,430	1/2	80,167	1/2	90,948	1/2	101,729
3/4	5,182	3/4	15,982	3/4	26,720	3/4	37,329	3/4	48,106	3/4	58,883	3/4	69,654	3/4	80,392	3/4	91,173	3/4	101,954
9	5,406	9	16,208	9	26,939	9	37,553	9	48,331	9	59,108	9	69,878	9	80,617	9	91,398	9	102,178
1/4	5,630	1/4	16,433	1/4	27,158	1/4	37,778	1/4	48,555	1/4	59,332	1/4	70,101	1/4	80,841	1/4	91,622	1/4	102,403
1/2	5,855	1/2	16,658	1/2	27,376	1/2	38,002	1/2	48,780	1/2	59,557	1/2	70,324	1/2	81,066	1/2	91,847	1/2	102,627
3/4	6,079	3/4	16,883	3/4	27,595	3/4	38,227	3/4	49,004	3/4	59,781	3/4	70,548	3/4	81,290	3/4	92,071	3/4	102,852
10	6,304	10	17,108	10	27,814	10	38,451	10	49,229	10	60,006	10	70,771	10	81,515	10	92,296	10	103,077
1/4	6,529	1/4	17,333	1/4	28,033	1/4	38,676	1/4	49,453	1/4	60,231	1/4	70,994	1/4	81,740	1/4	92,521	1/4	103,301
1/2	6,753	1/2	17,558	1/2	28,251	1/2	38,900	1/2	49,678	1/2	60,455	1/2	71,217	1/2	81,964	1/2	92,745	1/2	103,526
3/4	6,978	3/4	17,783	3/4	28,470	3/4	39,125	3/4	49,902	3/4	60,680	3/4	71,440	3/4	82,189	3/4	92,970	3/4	103,750
11	7,203	11	18,008	11	28,689	11	39,350	11	50,127	11	60,904	11	71,664	11	82,414	11	93,194	11	103,975
1/4	7,428	1/4	18,234	1/4	28,907	1/4	39,574	1/4	50,351	1/4	61,129	1/4	71,887	1/4	82,638	1/4	93,419	1/4	104,200
1/2	7,653	1/2	18,459	1/2	29,126	1/2	39,799	1/2	50,576	1/2	61,353	1/2	72,110	1/2	82,863	1/2	93,644	1/2	104,424
3/4	7,878	3/4	18,684	3/4	29,345	3/4	40,023	3/4	50,800	3/4	61,578	3/4	72,333	3/4	83,088	3/4	93,868	3/4	104,649

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 25'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1360"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	104,873	0	114,990	0	124,464	0	133,896	0	143,312	0		0		0		0		0	
1/4	105,098	1/4	115,187	1/4	124,661	1/4	134,093	1/4	143,506	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,322	1/2	115,384	1/2	124,857	1/2	134,290	1/2	143,701	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,546	3/4	115,582	3/4	125,054	3/4	134,486	3/4	143,896	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,771	1	115,779	1	125,251	1	134,683	1	144,091	1	1	1	1	1	1	1	1	1	1
1/4	105,995	1/4	115,976	1/4	125,448	1/4	134,880	1/4	144,286	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,219	1/2	116,174	1/2	125,645	1/2	135,077	1/2	144,480	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,444	3/4	116,371	3/4	125,842	3/4	135,274	3/4	144,675	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,668	2	116,569	2	126,039	2	135,471	2	144,870	2	2	2	2	2	2	2	2	2	2
1/4	106,893	1/4	116,766	1/4	126,235	1/4	135,668	1/4	145,074	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,117	1/2	116,963	1/2	126,432	1/2	135,864	1/2	145,277	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,341	3/4	117,161	3/4	126,629	3/4	136,061	3/4	145,481	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,566	3	117,358	3	126,826	3	136,258	3	145,685	3	3	3	3	3	3	3	3	3	3
1/4	107,790	1/4	117,556	1/4	127,023	1/4	136,455	1/4	145,851	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,014	1/2	117,753	1/2	127,220	1/2	136,652	1/2	146,017	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,239	3/4	117,950	3/4	127,417	3/4	136,849	3/4	146,183	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,463	4	118,148	4	127,613	4	137,046	4	146,349	4	4	4	4	4	4	4	4	4	4
1/4	108,687	1/4	118,345	1/4	127,810	1/4	137,242	1/4	146,478	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,912	1/2	118,542	1/2	128,007	1/2	137,439	1/2	146,607	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,136	3/4	118,740	3/4	128,204	3/4	137,636	3/4	146,735	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,360	5	118,937	5	128,401	5	137,833	5	146,864	5	5	5	5	5	5	5	5	5	5
1/4	109,585	1/4	119,135	1/4	128,598	1/4	138,030	1/4	146,955	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,809	1/2	119,332	1/2	128,795	1/2	138,227	1/2	147,046	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,033	3/4	119,529	3/4	128,991	3/4	138,423	3/4	147,137	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,258	6	119,727	6	129,188	6	138,620	6	147,228	6	6	6	6	6	6	6	6	6	6
1/4	110,455	1/4	119,924	1/4	129,384	1/4	138,817	1/4	147,282	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,652	1/2	120,121	1/2	129,581	1/2	139,014	1/2	147,336	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,849	3/4	120,319	3/4	129,777	3/4	139,211	3/4	147,389	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	111,046	7	120,516	7	129,973	7	139,408	7	147,443	7	7	7	7	7	7	7	7	7	7
1/4	111,244	1/4	120,714	1/4	130,169	1/4	139,605	1/4	147,459	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,441	1/2	120,911	1/2	130,365	1/2	139,801	1/2	147,475	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,638	3/4	121,108	3/4	130,561	3/4	139,998	3/4	147,491	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,835	8	121,306	8	130,757	8	140,195	8	147,507	8	8	8	8	8	8	8	8	8	8
1/4	112,032	1/4	121,503	1/4	130,954	1/4	140,390	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,229	1/2	121,700	1/2	131,150	1/2	140,585	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,426	3/4	121,898	3/4	131,346	3/4	140,779	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,624	9	122,095	9	131,542	9	140,974	9		9	9	9	9	9	9	9	9	9	9
1/4	112,821	1/4	122,293	1/4	131,738	1/4	141,169	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,018	1/2	122,490	1/2	131,934	1/2	141,364	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,215	3/4	122,687	3/4	132,131	3/4	141,559	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,412	10	122,885	10	132,327	10	141,753	10		10	10	10	10	10	10	10	10	10	10
1/4	113,609	1/4	123,082	1/4	132,523	1/4	141,948	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,807	1/2	123,279	1/2	132,719	1/2	142,143	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,004	3/4	123,477	3/4	132,915	3/4	142,338	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,201	11	123,674	11	133,111	11	142,533	11		11	11	11	11	11	11	11	11	11	11
1/4	114,398	1/4	123,872	1/4	133,307	1/4	142,727	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,595	1/2	124,069	1/2	133,504	1/2	142,922	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,792	3/4	124,266	3/4	133,700	3/4	143,117	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: 04/02/2013 CL
CALCULATED: 04/02/2013 CL
PRINTED: 04/02/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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



BARGE "CBC 1360"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	9,046	0	21,114	0	33,036	0	44,957	0	57,025	0	69,094	0	81,162	0	93,231	0	105,297
1/4	60	1/4	9,298	1/4	21,366	1/4	33,280	1/4	45,209	1/4	57,277	1/4	69,345	1/4	81,414	1/4	93,482	1/4	105,548
1/2	81	1/2	9,549	1/2	21,617	1/2	33,524	1/2	45,460	1/2	57,528	1/2	69,597	1/2	81,665	1/2	93,733	1/2	105,800
3/4	102	3/4	9,800	3/4	21,868	3/4	33,768	3/4	45,711	3/4	57,780	3/4	69,848	3/4	81,917	3/4	93,985	3/4	106,051
1	123	1	10,052	1	22,120	1	34,012	1	45,963	1	58,031	1	70,100	1	82,168	1	94,236	1	106,303
1/4	186	1/4	10,303	1/4	22,371	1/4	34,256	1/4	46,214	1/4	58,283	1/4	70,351	1/4	82,419	1/4	94,488	1/4	106,554
1/2	249	1/2	10,555	1/2	22,623	1/2	34,500	1/2	46,466	1/2	58,534	1/2	70,602	1/2	82,671	1/2	94,739	1/2	106,805
3/4	312	3/4	10,806	3/4	22,874	3/4	34,744	3/4	46,717	3/4	58,785	3/4	70,854	3/4	82,922	3/4	94,990	3/4	107,057
2	374	2	11,058	2	23,126	2	34,988	2	46,968	2	59,037	2	71,105	2	83,174	2	95,242	2	107,308
1/4	479	1/4	11,309	1/4	23,377	1/4	35,232	1/4	47,220	1/4	59,288	1/4	71,357	1/4	83,425	1/4	95,493	1/4	107,559
1/2	584	1/2	11,560	1/2	23,628	1/2	35,476	1/2	47,471	1/2	59,540	1/2	71,608	1/2	83,677	1/2	95,744	1/2	107,811
3/4	689	3/4	11,812	3/4	23,880	3/4	35,720	3/4	47,723	3/4	59,791	3/4	71,860	3/4	83,928	3/4	95,996	3/4	108,062
3	793	3	12,063	3	24,131	3	35,964	3	47,974	3	60,043	3	72,111	3	84,179	3	96,247	3	108,314
1/4	940	1/4	12,315	1/4	24,383	1/4	36,208	1/4	48,226	1/4	60,294	1/4	72,362	1/4	84,431	1/4	96,499	1/4	108,565
1/2	1,087	1/2	12,566	1/2	24,634	1/2	36,452	1/2	48,477	1/2	60,545	1/2	72,614	1/2	84,682	1/2	96,750	1/2	108,816
3/4	1,233	3/4	12,817	3/4	24,885	3/4	36,696	3/4	48,728	3/4	60,797	3/4	72,865	3/4	84,934	3/4	97,001	3/4	109,068
4	1,380	4	13,069	4	25,137	4	36,940	4	48,980	4	61,048	4	73,117	4	85,185	4	97,253	4	109,319
1/4	1,569	1/4	13,320	1/4	25,388	1/4	37,184	1/4	49,231	1/4	61,300	1/4	73,368	1/4	85,436	1/4	97,504	1/4	109,570
1/2	1,757	1/2	13,572	1/2	25,640	1/2	37,428	1/2	49,483	1/2	61,551	1/2	73,620	1/2	85,688	1/2	97,756	1/2	109,822
3/4	1,946	3/4	13,823	3/4	25,891	3/4	37,673	3/4	49,734	3/4	61,803	3/4	73,871	3/4	85,939	3/4	98,007	3/4	110,073
5	2,134	5	14,075	5	26,143	5	37,917	5	49,986	5	62,054	5	74,122	5	86,191	5	98,258	5	110,325
1/4	2,364	1/4	14,326	1/4	26,394	1/4	38,169	1/4	50,237	1/4	62,305	1/4	74,374	1/4	86,442	1/4	98,510	1/4	110,576
1/2	2,594	1/2	14,577	1/2	26,645	1/2	38,420	1/2	50,488	1/2	62,557	1/2	74,625	1/2	86,694	1/2	98,761	1/2	110,827
3/4	2,824	3/4	14,829	3/4	26,897	3/4	38,671	3/4	50,740	3/4	62,808	3/4	74,877	3/4	86,945	3/4	99,012	3/4	111,079
6	3,054	6	15,080	6	27,148	6	38,923	6	50,991	6	63,060	6	75,128	6	87,196	6	99,264	6	111,330
1/4	3,300	1/4	15,332	1/4	27,400	1/4	39,174	1/4	51,243	1/4	63,311	1/4	75,379	1/4	87,448	1/4	99,515	1/4	111,582
1/2	3,546	1/2	15,583	1/2	27,651	1/2	39,426	1/2	51,494	1/2	63,563	1/2	75,631	1/2	87,699	1/2	99,767	1/2	111,833
3/4	3,793	3/4	15,834	3/4	27,902	3/4	39,677	3/4	51,746	3/4	63,814	3/4	75,882	3/4	87,951	3/4	100,018	3/4	112,084
7	4,039	7	16,086	7	28,154	7	39,929	7	51,997	7	64,065	7	76,134	7	88,202	7	100,269	7	112,336
1/4	4,288	1/4	16,337	1/4	28,398	1/4	40,180	1/4	52,248	1/4	64,317	1/4	76,385	1/4	88,454	1/4	100,521	1/4	112,587
1/2	4,536	1/2	16,589	1/2	28,643	1/2	40,431	1/2	52,500	1/2	64,568	1/2	76,637	1/2	88,705	1/2	100,772	1/2	112,838
3/4	4,785	3/4	16,840	3/4	28,887	3/4	40,683	3/4	52,751	3/4	64,820	3/4	76,888	3/4	88,956	3/4	101,023	3/4	113,090
8	5,034	8	17,092	8	29,131	8	40,934	8	53,003	8	65,071	8	77,139	8	89,208	8	101,275	8	113,341
1/4	5,283	1/4	17,343	1/4	29,375	1/4	41,186	1/4	53,254	1/4	65,323	1/4	77,391	1/4	89,459	1/4	101,526	1/4	113,593
1/2	5,533	1/2	17,594	1/2	29,619	1/2	41,437	1/2	53,506	1/2	65,574	1/2	77,642	1/2	89,711	1/2	101,778	1/2	113,844
3/4	5,783	3/4	17,846	3/4	29,863	3/4	41,689	3/4	53,757	3/4	65,825	3/4	77,894	3/4	89,962	3/4	102,029	3/4	114,095
9	6,033	9	18,097	9	30,107	9	41,940	9	54,008	9	66,077	9	78,145	9	90,214	9	102,280	9	114,347
1/4	6,284	1/4	18,349	1/4	30,351	1/4	42,191	1/4	54,260	1/4	66,328	1/4	78,397	1/4	90,465	1/4	102,532	1/4	114,598
1/2	6,534	1/2	18,600	1/2	30,595	1/2	42,443	1/2	54,511	1/2	66,580	1/2	78,648	1/2	90,716	1/2	102,783	1/2	114,849
3/4	6,785	3/4	18,851	3/4	30,839	3/4	42,694	3/4	54,763	3/4	66,831	3/4	78,899	3/4	90,968	3/4	103,035	3/4	115,101
10	7,036	10	19,103	10	31,083	10	42,946	10	55,014	10	67,082	10	79,151	10	91,219	10	103,286	10	115,352
1/4	7,287	1/4	19,354	1/4	31,327	1/4	43,197	1/4	55,266	1/4	67,334	1/4	79,402	1/4	91,471	1/4	103,537	1/4	115,604
1/2	7,538	1/2	19,606	1/2	31,571	1/2	43,449	1/2	55,517	1/2	67,585	1/2	79,654	1/2	91,722	1/2	103,789	1/2	115,855
3/4	7,789	3/4	19,857	3/4	31,815	3/4	43,700	3/4	55,768	3/4	67,837	3/4	79,905	3/4	91,974	3/4	104,040	3/4	116,106
11	8,041	11	20,109	11	32,059	11	43,951	11	56,020	11	68,088	11	80,157	11	92,225	11	104,291	11	116,358
1/4	8,292	1/4	20,360	1/4	32,303	1/4	44,203	1/4	56,271	1/4	68,340	1/4	80,408	1/4	92,476	1/4	104,543	1/4	116,609
1/2	8,543	1/2	20,611	1/2	32,547	1/2	44,454	1/2	56,523	1/2	68,591	1/2	80,659	1/2	92,728	1/2	104,794	1/2	116,861
3/4	8,795	3/4	20,863	3/4	32,791	3/4	44,706	3/4	56,774	3/4	68,842	3/4	80,911	3/4	92,979	3/4	105,046	3/4	117,112

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 29'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 1360"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	117,363	0	129,430	0	141,496	0	153,495	0	165,457	0		0		0		0		0	
1/4	117,615	1/4	129,681	1/4	141,746	1/4	153,745	1/4	165,705	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,866	1/2	129,932	1/2	141,996	1/2	153,995	1/2	165,953	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,117	3/4	130,184	3/4	142,246	3/4	154,245	3/4	166,200	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,369	1	130,435	1	142,496	1	154,495	1	166,448	1	1	1	1	1	1	1	1	1	1
1/4	118,620	1/4	130,687	1/4	142,746	1/4	154,745	1/4	166,696	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,872	1/2	130,938	1/2	142,996	1/2	154,995	1/2	166,943	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,123	3/4	131,189	3/4	143,246	3/4	155,245	3/4	167,191	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,374	2	131,441	2	143,496	2	155,495	2	167,439	2	2	2	2	2	2	2	2	2	2
1/4	119,626	1/4	131,692	1/4	143,746	1/4	155,745	1/4	167,666	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,877	1/2	131,943	1/2	143,996	1/2	155,995	1/2	167,892	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,128	3/4	132,195	3/4	144,246	3/4	156,245	3/4	168,119	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,380	3	132,446	3	144,496	3	156,495	3	168,346	3	3	3	3	3	3	3	3	3	3
1/4	120,631	1/4	132,698	1/4	144,746	1/4	156,745	1/4	168,531	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,883	1/2	132,949	1/2	144,996	1/2	156,995	1/2	168,715	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,134	3/4	133,200	3/4	145,246	3/4	157,245	3/4	168,900	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,385	4	133,452	4	145,496	4	157,495	4	169,085	4	4	4	4	4	4	4	4	4	4
1/4	121,637	1/4	133,703	1/4	145,746	1/4	157,745	1/4	169,228	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,888	1/2	133,954	1/2	145,996	1/2	157,995	1/2	169,371	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,140	3/4	134,206	3/4	146,246	3/4	158,245	3/4	169,514	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,391	5	134,457	5	146,496	5	158,495	5	169,657	5	5	5	5	5	5	5	5	5	5
1/4	122,642	1/4	134,709	1/4	146,746	1/4	158,745	1/4	169,758	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,894	1/2	134,960	1/2	146,996	1/2	158,995	1/2	169,859	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,145	3/4	135,211	3/4	147,246	3/4	159,245	3/4	169,960	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,396	6	135,463	6	147,496	6	159,495	6	170,061	6	6	6	6	6	6	6	6	6	6
1/4	123,648	1/4	135,714	1/4	147,746	1/4	159,745	1/4	170,120	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,899	1/2	135,966	1/2	147,996	1/2	159,995	1/2	170,179	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,151	3/4	136,217	3/4	148,246	3/4	160,245	3/4	170,238	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,402	7	136,468	7	148,495	7	160,495	7	170,297	7	7	7	7	7	7	7	7	7	7
1/4	124,653	1/4	136,720	1/4	148,745	1/4	160,745	1/4	170,314	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,905	1/2	136,971	1/2	148,995	1/2	160,995	1/2	170,331	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,156	3/4	137,222	3/4	149,245	3/4	161,245	3/4	170,349	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,408	8	137,474	8	149,495	8	161,495	8	170,366	8	8	8	8	8	8	8	8	8	8
1/4	125,659	1/4	137,725	1/4	149,745	1/4	161,742	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,910	1/2	137,977	1/2	149,995	1/2	161,990	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,162	3/4	138,228	3/4	150,245	3/4	162,238	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,413	9	138,479	9	150,495	9	162,485	9		9	9	9	9	9	9	9	9	9	9
1/4	126,664	1/4	138,731	1/4	150,745	1/4	162,733	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,916	1/2	138,982	1/2	150,995	1/2	162,981	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,167	3/4	139,234	3/4	151,245	3/4	163,228	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,419	10	139,485	10	151,495	10	163,476	10		10	10	10	10	10	10	10	10	10	10
1/4	127,670	1/4	139,736	1/4	151,745	1/4	163,724	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,921	1/2	139,988	1/2	151,995	1/2	163,971	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,173	3/4	140,239	3/4	152,245	3/4	164,219	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,424	11	140,490	11	152,495	11	164,467	11		11	11	11	11	11	11	11	11	11	11
1/4	128,675	1/4	140,742	1/4	152,745	1/4	164,714	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,927	1/2	140,993	1/2	152,995	1/2	164,962	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,178	3/4	141,245	3/4	153,245	3/4	165,210	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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ALL PRIOR TO 04/2013

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BARGE "CBC 1360"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	8,035	0	18,748	0	29,447	0	40,149	0	50,862	0	61,576	0	72,289	0	83,003	0	93,714
1/4	58	1/4	8,258	1/4	18,971	1/4	29,669	1/4	40,372	1/4	51,086	1/4	61,799	1/4	72,513	1/4	83,226	1/4	93,938
1/2	76	1/2	8,481	1/2	19,194	1/2	29,892	1/2	40,595	1/2	51,309	1/2	62,022	1/2	72,736	1/2	83,449	1/2	94,161
3/4	95	3/4	8,705	3/4	19,418	3/4	30,114	3/4	40,819	3/4	51,532	3/4	62,245	3/4	72,959	3/4	83,672	3/4	94,384
1	114	1	8,928	1	19,641	1	30,337	1	41,042	1	51,755	1	62,469	1	73,182	1	83,895	1	94,607
1/4	169	1/4	9,151	1/4	19,864	1/4	30,559	1/4	41,265	1/4	51,978	1/4	62,692	1/4	73,405	1/4	84,119	1/4	94,830
1/2	225	1/2	9,374	1/2	20,087	1/2	30,782	1/2	41,488	1/2	52,202	1/2	62,915	1/2	73,629	1/2	84,342	1/2	95,053
3/4	281	3/4	9,597	3/4	20,310	3/4	31,004	3/4	41,711	3/4	52,425	3/4	63,138	3/4	73,852	3/4	84,565	3/4	95,277
2	337	2	9,821	2	20,534	2	31,227	2	41,934	2	52,648	2	63,361	2	74,075	2	84,788	2	95,500
1/4	430	1/4	10,044	1/4	20,757	1/4	31,449	1/4	42,158	1/4	52,871	1/4	63,585	1/4	74,298	1/4	85,011	1/4	95,723
1/2	523	1/2	10,267	1/2	20,980	1/2	31,672	1/2	42,381	1/2	53,094	1/2	63,808	1/2	74,521	1/2	85,234	1/2	95,946
3/4	616	3/4	10,490	3/4	21,203	3/4	31,894	3/4	42,604	3/4	53,318	3/4	64,031	3/4	74,744	3/4	85,458	3/4	96,169
3	709	3	10,713	3	21,426	3	32,117	3	42,827	3	53,541	3	64,254	3	74,968	3	85,681	3	96,392
1/4	839	1/4	10,936	1/4	21,649	1/4	32,339	1/4	43,050	1/4	53,764	1/4	64,477	1/4	75,191	1/4	85,904	1/4	96,616
1/2	969	1/2	11,160	1/2	21,873	1/2	32,562	1/2	43,274	1/2	53,987	1/2	64,701	1/2	75,414	1/2	86,127	1/2	96,839
3/4	1,099	3/4	11,383	3/4	22,096	3/4	32,784	3/4	43,497	3/4	54,210	3/4	64,924	3/4	75,637	3/4	86,350	3/4	97,062
4	1,230	4	11,606	4	22,319	4	33,007	4	43,720	4	54,434	4	65,147	4	75,860	4	86,573	4	97,285
1/4	1,397	1/4	11,829	1/4	22,542	1/4	33,230	1/4	43,943	1/4	54,657	1/4	65,370	1/4	76,084	1/4	86,797	1/4	97,508
1/2	1,564	1/2	12,052	1/2	22,765	1/2	33,453	1/2	44,166	1/2	54,880	1/2	65,593	1/2	76,307	1/2	87,020	1/2	97,731
3/4	1,732	3/4	12,276	3/4	22,989	3/4	33,676	3/4	44,390	3/4	55,103	3/4	65,817	3/4	76,530	3/4	87,243	3/4	97,954
5	1,899	5	12,499	5	23,212	5	33,899	5	44,613	5	55,326	5	66,040	5	76,753	5	87,466	5	98,178
1/4	2,103	1/4	12,722	1/4	23,435	1/4	34,123	1/4	44,836	1/4	55,550	1/4	66,263	1/4	76,976	1/4	87,689	1/4	98,401
1/2	2,307	1/2	12,945	1/2	23,658	1/2	34,346	1/2	45,059	1/2	55,773	1/2	66,486	1/2	77,200	1/2	87,912	1/2	98,624
3/4	2,511	3/4	13,168	3/4	23,881	3/4	34,569	3/4	45,282	3/4	55,996	3/4	66,709	3/4	77,423	3/4	88,135	3/4	98,847
6	2,715	6	13,392	6	24,105	6	34,792	6	45,506	6	56,219	6	66,933	6	77,646	6	88,359	6	99,070
1/4	2,934	1/4	13,615	1/4	24,327	1/4	35,015	1/4	45,729	1/4	56,442	1/4	67,156	1/4	77,869	1/4	88,582	1/4	99,293
1/2	3,153	1/2	13,838	1/2	24,550	1/2	35,239	1/2	45,952	1/2	56,666	1/2	67,379	1/2	78,092	1/2	88,805	1/2	99,517
3/4	3,371	3/4	14,061	3/4	24,773	3/4	35,462	3/4	46,175	3/4	56,889	3/4	67,602	3/4	78,316	3/4	89,028	3/4	99,740
7	3,590	7	14,284	7	24,996	7	35,685	7	46,398	7	57,112	7	67,825	7	78,539	7	89,251	7	99,963
1/4	3,811	1/4	14,507	1/4	25,219	1/4	35,908	1/4	46,622	1/4	57,335	1/4	68,049	1/4	78,762	1/4	89,474	1/4	100,186
1/2	4,031	1/2	14,731	1/2	25,442	1/2	36,131	1/2	46,845	1/2	57,558	1/2	68,272	1/2	78,985	1/2	89,698	1/2	100,409
3/4	4,252	3/4	14,954	3/4	25,664	3/4	36,355	3/4	47,068	3/4	57,781	3/4	68,495	3/4	79,208	3/4	89,921	3/4	100,632
8	4,473	8	15,177	8	25,887	8	36,578	8	47,291	8	58,005	8	68,718	8	79,432	8	90,144	8	100,856
1/4	4,695	1/4	15,400	1/4	26,110	1/4	36,801	1/4	47,514	1/4	58,228	1/4	68,941	1/4	79,655	1/4	90,367	1/4	101,079
1/2	4,916	1/2	15,623	1/2	26,332	1/2	37,024	1/2	47,738	1/2	58,451	1/2	69,165	1/2	79,878	1/2	90,590	1/2	101,302
3/4	5,138	3/4	15,847	3/4	26,555	3/4	37,247	3/4	47,961	3/4	58,674	3/4	69,388	3/4	80,101	3/4	90,813	3/4	101,525
9	5,360	9	16,070	9	26,777	9	37,471	9	48,184	9	58,897	9	69,611	9	80,324	9	91,037	9	101,748
1/4	5,583	1/4	16,293	1/4	27,000	1/4	37,694	1/4	48,407	1/4	59,121	1/4	69,834	1/4	80,548	1/4	91,260	1/4	101,971
1/2	5,805	1/2	16,516	1/2	27,222	1/2	37,917	1/2	48,630	1/2	59,344	1/2	70,057	1/2	80,771	1/2	91,483	1/2	102,195
3/4	6,028	3/4	16,739	3/4	27,445	3/4	38,140	3/4	48,854	3/4	59,567	3/4	70,281	3/4	80,994	3/4	91,706	3/4	102,418
10	6,250	10	16,963	10	27,667	10	38,363	10	49,077	10	59,790	10	70,504	10	81,217	10	91,929	10	102,641
1/4	6,473	1/4	17,186	1/4	27,890	1/4	38,587	1/4	49,300	1/4	60,013	1/4	70,727	1/4	81,440	1/4	92,152	1/4	102,864
1/2	6,696	1/2	17,409	1/2	28,112	1/2	38,810	1/2	49,523	1/2	60,237	1/2	70,950	1/2	81,664	1/2	92,375	1/2	103,087
3/4	6,919	3/4	17,632	3/4	28,335	3/4	39,033	3/4	49,746	3/4	60,460	3/4	71,173	3/4	81,887	3/4	92,599	3/4	103,310
11	7,142	11	17,855	11	28,557	11	39,256	11	49,970	11	60,683	11	71,397	11	82,110	11	92,822	11	103,533
1/4	7,365	1/4	18,078	1/4	28,779	1/4	39,479	1/4	50,193	1/4	60,906	1/4	71,620	1/4	82,333	1/4	93,045	1/4	103,757
1/2	7,589	1/2	18,302	1/2	29,002	1/2	39,703	1/2	50,416	1/2	61,129	1/2	71,843	1/2	82,556	1/2	93,268	1/2	103,980
3/4	7,812	3/4	18,525	3/4	29,224	3/4	39,926	3/4	50,639	3/4	61,353	3/4	72,066	3/4	82,780	3/4	93,491	3/4	104,203

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 24'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 1360"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	104,426	0	115,138	0	125,849	0	136,502	0	147,122	0		0		0		0		0	
1/4	104,649	1/4	115,361	1/4	126,071	1/4	136,724	1/4	147,342	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,872	1/2	115,584	1/2	126,293	1/2	136,946	1/2	147,562	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,096	3/4	115,807	3/4	126,515	3/4	137,168	3/4	147,782	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,319	1	116,030	1	126,737	1	137,390	1	148,002	1	1	1	1	1	1	1	1	1	1
1/4	105,542	1/4	116,254	1/4	126,959	1/4	137,612	1/4	148,222	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,765	1/2	116,477	1/2	127,181	1/2	137,834	1/2	148,442	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,988	3/4	116,700	3/4	127,403	3/4	138,056	3/4	148,662	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,211	2	116,923	2	127,625	2	138,278	2	148,882	2	2	2	2	2	2	2	2	2	2
1/4	106,435	1/4	117,146	1/4	127,847	1/4	138,500	1/4	149,083	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,658	1/2	117,369	1/2	128,069	1/2	138,722	1/2	149,284	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,881	3/4	117,593	3/4	128,291	3/4	138,944	3/4	149,485	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,104	3	117,816	3	128,513	3	139,166	3	149,687	3	3	3	3	3	3	3	3	3	3
1/4	107,327	1/4	118,039	1/4	128,735	1/4	139,388	1/4	149,851	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,550	1/2	118,262	1/2	128,957	1/2	139,609	1/2	150,015	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,774	3/4	118,485	3/4	129,178	3/4	139,831	3/4	150,179	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	107,997	4	118,708	4	129,400	4	140,053	4	150,343	4	4	4	4	4	4	4	4	4	4
1/4	108,220	1/4	118,931	1/4	129,622	1/4	140,275	1/4	150,470	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,443	1/2	119,155	1/2	129,844	1/2	140,497	1/2	150,597	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,666	3/4	119,378	3/4	130,066	3/4	140,719	3/4	150,724	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,889	5	119,601	5	130,288	5	140,941	5	150,851	5	5	5	5	5	5	5	5	5	5
1/4	109,112	1/4	119,824	1/4	130,510	1/4	141,163	1/4	150,940	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,336	1/2	120,047	1/2	130,732	1/2	141,385	1/2	151,030	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,559	3/4	120,270	3/4	130,954	3/4	141,607	3/4	151,120	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,782	6	120,494	6	131,176	6	141,829	6	151,209	6	6	6	6	6	6	6	6	6	6
1/4	110,005	1/4	120,717	1/4	131,398	1/4	142,051	1/4	151,262	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,228	1/2	120,940	1/2	131,620	1/2	142,273	1/2	151,314	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,451	3/4	121,163	3/4	131,842	3/4	142,495	3/4	151,367	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,675	7	121,386	7	132,064	7	142,717	7	151,419	7	7	7	7	7	7	7	7	7	7
1/4	110,898	1/4	121,609	1/4	132,286	1/4	142,939	1/4	151,435	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,121	1/2	121,833	1/2	132,508	1/2	143,160	1/2	151,450	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,344	3/4	122,056	3/4	132,729	3/4	143,382	3/4	151,465	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,567	8	122,279	8	132,951	8	143,604	8	151,480	8	8	8	8	8	8	8	8	8	8
1/4	111,790	1/4	122,502	1/4	133,173	1/4	143,824	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,014	1/2	122,725	1/2	133,395	1/2	144,044	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,237	3/4	122,948	3/4	133,617	3/4	144,264	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,460	9	123,172	9	133,839	9	144,484	9		9	9	9	9	9	9	9	9	9	9
1/4	112,683	1/4	123,395	1/4	134,061	1/4	144,704	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,906	1/2	123,618	1/2	134,283	1/2	144,924	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,129	3/4	123,841	3/4	134,505	3/4	145,144	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,352	10	124,064	10	134,727	10	145,363	10	10	10	10	10	10	10	10	10	10	10	10
1/4	113,576	1/4	124,287	1/4	134,949	1/4	145,583	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,799	1/2	124,510	1/2	135,171	1/2	145,803	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,022	3/4	124,734	3/4	135,393	3/4	146,023	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,245	11	124,957	11	135,615	11	146,243	11		11	11	11	11	11	11	11	11	11	11
1/4	114,468	1/4	125,180	1/4	135,837	1/4	146,463	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,691	1/2	125,403	1/2	136,058	1/2	146,683	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,915	3/4	125,626	3/4	136,280	3/4	146,903	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: 04/02/2013 CL
CALCULATED: 04/02/2013 CL
PRINTED: 04/02/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

PRECISION MEASUREMENT
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BARGE "CBC 1360"

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

April 2, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "CBC 1360"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

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	140,585	0	131,150	0	121,700	0	112,229	0	101,729	0	90,948	0	80,167
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,390	1/4	130,954	1/4	121,503	1/4	112,032	1/4	101,504	1/4	90,724	1/4	79,943
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,507	1/2	130,757	1/2	121,306	1/2	111,835	1/2	101,280	1/2	90,499	1/2	79,718
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,491	3/4	130,561	3/4	121,108	3/4	111,638	3/4	101,055	3/4	90,275	3/4	79,493
1		1		1		1	147,475	1	130,365	1	120,911	1	111,441	1	100,831	1	90,050	1	79,269
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,459	1/4	130,169	1/4	120,714	1/4	111,244	1/4	100,606	1/4	89,825	1/4	79,044
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,443	1/2	129,973	1/2	120,516	1/2	111,046	1/2	100,381	1/2	89,601	1/2	78,820
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,389	3/4	129,777	3/4	120,319	3/4	110,849	3/4	100,157	3/4	89,376	3/4	78,595
2		2		2		2	147,336	2	129,581	2	120,121	2	110,652	2	99,932	2	89,152	2	78,370
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,282	1/4	129,384	1/4	119,924	1/4	110,455	1/4	99,708	1/4	88,927	1/4	78,146
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,228	1/2	129,188	1/2	119,727	1/2	110,258	1/2	99,483	1/2	88,702	1/2	77,921
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,137	3/4	128,991	3/4	119,529	3/4	110,033	3/4	99,258	3/4	88,478	3/4	77,696
3		3		3		3	147,046	3	128,795	3	119,332	3	109,809	3	99,034	3	88,253	3	77,472
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,955	1/4	128,598	1/4	119,135	1/4	109,585	1/4	98,809	1/4	88,029	1/4	77,247
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,864	1/2	128,401	1/2	118,937	1/2	109,360	1/2	98,585	1/2	87,804	1/2	77,023
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,735	3/4	128,204	3/4	118,740	3/4	109,136	3/4	98,360	3/4	87,579	3/4	76,799
4		4		4		4	146,607	4	128,007	4	118,542	4	108,912	4	98,135	4	87,355	4	76,575
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,478	1/4	127,810	1/4	118,345	1/4	108,687	1/4	97,911	1/4	87,130	1/4	76,351
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,349	1/2	127,613	1/2	118,148	1/2	108,463	1/2	97,686	1/2	86,906	1/2	76,127
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,183	3/4	127,417	3/4	117,950	3/4	108,239	3/4	97,462	3/4	86,681	3/4	75,904
5		5		5		5	146,017	5	127,220	5	117,753	5	108,014	5	97,237	5	86,457	5	75,681
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,851	1/4	127,023	1/4	117,556	1/4	107,790	1/4	97,013	1/4	86,232	1/4	75,458
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,685	1/2	126,826	1/2	117,358	1/2	107,566	1/2	96,788	1/2	86,007	1/2	75,234
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,481	3/4	126,629	3/4	117,161	3/4	107,341	3/4	96,563	3/4	85,783	3/4	75,011
6		6		6		6	145,277	6	126,432	6	116,963	6	107,117	6	96,339	6	85,558	6	74,788
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,074	1/4	126,235	1/4	116,766	1/4	106,893	1/4	96,114	1/4	85,334	1/4	74,565
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,870	1/2	126,039	1/2	116,569	1/2	106,668	1/2	95,890	1/2	85,109	1/2	74,342
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,675	3/4	125,842	3/4	116,371	3/4	106,444	3/4	95,665	3/4	84,884	3/4	74,118
7		7		7		7	144,480	7	125,645	7	116,174	7	106,219	7	95,440	7	84,660	7	73,895
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,286	1/4	125,448	1/4	115,976	1/4	105,995	1/4	95,216	1/4	84,435	1/4	73,672
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,091	1/2	125,251	1/2	115,779	1/2	105,771	1/2	94,991	1/2	84,211	1/2	73,449
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,896	3/4	125,054	3/4	115,582	3/4	105,546	3/4	94,767	3/4	83,986	3/4	73,226
8		8		8		8	143,701	8	124,857	8	115,384	8	105,322	8	94,542	8	83,761	8	73,003
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,506	1/4	124,661	1/4	115,187	1/4	105,098	1/4	94,317	1/4	83,537	1/4	72,779
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,312	1/2	124,464	1/2	114,990	1/2	104,873	1/2	94,093	1/2	83,312	1/2	72,556
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,117	3/4	124,266	3/4	114,792	3/4	104,649	3/4	93,868	3/4	83,088	3/4	72,333
9		9		9		9	142,922	9	124,069	9	114,595	9	104,424	9	93,644	9	82,863	9	72,110
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,727	1/4	123,872	1/4	114,398	1/4	104,200	1/4	93,419	1/4	82,638	1/4	71,887
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,533	1/2	123,674	1/2	114,201	1/2	103,975	1/2	93,194	1/2	82,414	1/2	71,664
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,338	3/4	123,477	3/4	114,004	3/4	103,750	3/4	92,970	3/4	82,189	3/4	71,440
10		10		10		10	142,143	10	123,279	10	113,807	10	103,526	10	92,745	10	81,964	10	71,217
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,948	1/4	123,082	1/4	113,609	1/4	103,301	1/4	92,521	1/4	81,740	1/4	70,994
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,753	1/2	122,885	1/2	113,412	1/2	103,077	1/2	92,296	1/2	81,515	1/2	70,771
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,559	3/4	122,687	3/4	113,215	3/4	102,852	3/4	92,071	3/4	81,290	3/4	70,548
11		11		11		11	141,364	11	122,490	11	113,018	11	102,627	11	91,847	11	81,066	11	70,324
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,169	1/4	122,293	1/4	112,821	1/4	102,403	1/4	91,622	1/4	80,841	1/4	70,101
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,974	1/2	122,095	1/2	112,624	1/2	102,178	1/2	91,398	1/2	80,617	1/2	69,878
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,779	3/4	121,898	3/4	112,426	3/4	101,954	3/4	91,173	3/4	80,392	3/4	69,654

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 25'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1360"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	69,430	0	58,659	0	47,882	0	37,104	0	26,502	0	15,757	0	4,958	0		0		0	
1/4	69,206	1/4	58,434	1/4	47,657	1/4	36,880	1/4	26,283	1/4	15,532	1/4	4,734	1/4	1/4		1/4		1/4
1/2	68,982	1/2	58,210	1/2	47,432	1/2	36,655	1/2	26,064	1/2	15,307	1/2	4,511	1/2	1/2		1/2		1/2
3/4	68,758	3/4	57,985	3/4	47,208	3/4	36,431	3/4	25,845	3/4	15,082	3/4	4,288	3/4	3/4		3/4		3/4
1	68,534	1	57,761	1	46,983	1	36,206	1	25,626	1	14,857	1	4,066	1	1		1		1
1/4	68,311	1/4	57,536	1/4	46,759	1/4	35,982	1/4	25,407	1/4	14,632	1/4	3,843	1/4	1/4		1/4		1/4
1/2	68,087	1/2	57,312	1/2	46,534	1/2	35,757	1/2	25,188	1/2	14,407	1/2	3,620	1/2	1/2		1/2		1/2
3/4	67,863	3/4	57,087	3/4	46,310	3/4	35,533	3/4	24,969	3/4	14,182	3/4	3,400	3/4	3/4		3/4		3/4
2	67,639	2	56,863	2	46,085	2	35,308	2	24,750	2	13,956	2	3,179	2	2		2		2
1/4	67,415	1/4	56,638	1/4	45,861	1/4	35,084	1/4	24,531	1/4	13,731	1/4	2,959	1/4	1/4		1/4		1/4
1/2	67,191	1/2	56,414	1/2	45,636	1/2	34,859	1/2	24,311	1/2	13,506	1/2	2,738	1/2	1/2		1/2		1/2
3/4	66,966	3/4	56,189	3/4	45,412	3/4	34,634	3/4	24,086	3/4	13,281	3/4	2,532	3/4	3/4		3/4		3/4
3	66,742	3	55,965	3	45,187	3	34,410	3	23,861	3	13,056	3	2,326	3	3		3		3
1/4	66,517	1/4	55,740	1/4	44,963	1/4	34,185	1/4	23,636	1/4	12,831	1/4	2,121	1/4	1/4		1/4		1/4
1/2	66,293	1/2	55,515	1/2	44,738	1/2	33,961	1/2	23,411	1/2	12,606	1/2	1,915	1/2	1/2		1/2		1/2
3/4	66,068	3/4	55,291	3/4	44,514	3/4	33,736	3/4	23,186	3/4	12,381	3/4	1,746	3/4	3/4		3/4		3/4
4	65,844	4	55,066	4	44,289	4	33,512	4	22,961	4	12,156	4	1,577	4	4		4		4
1/4	65,619	1/4	54,842	1/4	44,065	1/4	33,287	1/4	22,736	1/4	11,930	1/4	1,409	1/4	1/4		1/4		1/4
1/2	65,395	1/2	54,617	1/2	43,840	1/2	33,063	1/2	22,511	1/2	11,705	1/2	1,240	1/2	1/2		1/2		1/2
3/4	65,170	3/4	54,393	3/4	43,616	3/4	32,844	3/4	22,285	3/4	11,480	3/4	1,109	3/4	3/4		3/4		3/4
5	64,946	5	54,168	5	43,391	5	32,625	5	22,060	5	11,255	5	977	5	5		5		5
1/4	64,721	1/4	53,944	1/4	43,166	1/4	32,407	1/4	21,835	1/4	11,030	1/4	846	1/4	1/4		1/4		1/4
1/2	64,497	1/2	53,719	1/2	42,942	1/2	32,188	1/2	21,610	1/2	10,805	1/2	715	1/2	1/2		1/2		1/2
3/4	64,272	3/4	53,495	3/4	42,717	3/4	31,969	3/4	21,385	3/4	10,580	3/4	621	3/4	3/4		3/4		3/4
6	64,047	6	53,270	6	42,493	6	31,751	6	21,160	6	10,355	6	527	6	6		6		6
1/4	63,823	1/4	53,046	1/4	42,268	1/4	31,532	1/4	20,935	1/4	10,130	1/4	433	1/4	1/4		1/4		1/4
1/2	63,598	1/2	52,821	1/2	42,044	1/2	31,313	1/2	20,710	1/2	9,904	1/2	340	1/2	1/2		1/2		1/2
3/4	63,374	3/4	52,597	3/4	41,819	3/4	31,094	3/4	20,485	3/4	9,679	3/4	283	3/4	3/4		3/4		3/4
7	63,149	7	52,372	7	41,595	7	30,876	7	20,259	7	9,454	7	227	7	7		7		7
1/4	62,925	1/4	52,148	1/4	41,370	1/4	30,657	1/4	20,034	1/4	9,229	1/4	171	1/4	1/4		1/4		1/4
1/2	62,700	1/2	51,923	1/2	41,146	1/2	30,438	1/2	19,809	1/2	9,004	1/2	114	1/2	1/2		1/2		1/2
3/4	62,476	3/4	51,698	3/4	40,921	3/4	30,220	3/4	19,584	3/4	8,779	3/4	96	3/4	3/4		3/4		3/4
8	62,251	8	51,474	8	40,697	8	30,001	8	19,359	8	8,554	8	77	8	8		8		8
1/4	62,027	1/4	51,249	1/4	40,472	1/4	29,782	1/4	19,134	1/4	8,329	1/4	58	1/4	1/4		1/4		1/4
1/2	61,802	1/2	51,025	1/2	40,248	1/2	29,563	1/2	18,909	1/2	8,104	1/2	39	1/2	1/2		1/2		1/2
3/4	61,578	3/4	50,800	3/4	40,023	3/4	29,345	3/4	18,684	3/4	7,878	3/4		3/4	3/4		3/4		3/4
9	61,353	9	50,576	9	39,799	9	29,126	9	18,459	9	7,653	9		9	9		9		9
1/4	61,129	1/4	50,351	1/4	39,574	1/4	28,907	1/4	18,234	1/4	7,428	1/4		1/4	1/4		1/4		1/4
1/2	60,904	1/2	50,127	1/2	39,350	1/2	28,689	1/2	18,008	1/2	7,203	1/2		1/2	1/2		1/2		1/2
3/4	60,680	3/4	49,902	3/4	39,125	3/4	28,470	3/4	17,783	3/4	6,978	3/4		3/4	3/4		3/4		3/4
10	60,455	10	49,678	10	38,900	10	28,251	10	17,558	10	6,753	10		10	10		10		10
1/4	60,231	1/4	49,453	1/4	38,676	1/4	28,033	1/4	17,333	1/4	6,529	1/4		1/4	1/4		1/4		1/4
1/2	60,006	1/2	49,229	1/2	38,451	1/2	27,814	1/2	17,108	1/2	6,304	1/2		1/2	1/2		1/2		1/2
3/4	59,781	3/4	49,004	3/4	38,227	3/4	27,595	3/4	16,883	3/4	6,079	3/4		3/4	3/4		3/4		3/4
11	59,557	11	48,780	11	38,002	11	27,376	11	16,658	11	5,855	11		11	11		11		11
1/4	59,332	1/4	48,555	1/4	37,778	1/4	27,158	1/4	16,433	1/4	5,630	1/4		1/4	1/4		1/4		1/4
1/2	59,108	1/2	48,331	1/2	37,553	1/2	26,939	1/2	16,208	1/2	5,406	1/2		1/2	1/2		1/2		1/2
3/4	58,883	3/4	48,106	3/4	37,329	3/4	26,720	3/4	15,982	3/4	5,182	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2013 CL
CALCULATED: 04/02/2013 CL
PRINTED: 04/02/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1360"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	162,485	0	150,495	0	138,479	0	126,413	0	114,347	0	102,280	0	90,214
1/4	1/4	1/4	1/4	1/4	1/4	1/4	162,238	1/4	150,245	1/4	138,228	1/4	126,162	1/4	114,095	1/4	102,029	1/4	89,962
1/2	1/2	1/2	1/2	1/2	1/2	1/2	161,990	1/2	149,995	1/2	137,977	1/2	125,910	1/2	113,844	1/2	101,778	1/2	89,711
3/4	3/4	3/4	3/4	3/4	3/4	3/4	161,742	3/4	149,745	3/4	137,725	3/4	125,659	3/4	113,593	3/4	101,526	3/4	89,459
1		1		1	170,366	1	161,495	1	149,495	1	137,474	1	125,408	1	113,341	1	101,275	1	89,208
1/4	1/4	1/4	1/4	1/4	170,349	1/4	161,245	1/4	149,245	1/4	137,222	1/4	125,156	1/4	113,090	1/4	101,023	1/4	88,956
1/2	1/2	1/2	1/2	1/2	170,331	1/2	160,995	1/2	148,995	1/2	136,971	1/2	124,905	1/2	112,838	1/2	100,772	1/2	88,705
3/4	3/4	3/4	3/4	3/4	170,314	3/4	160,745	3/4	148,745	3/4	136,720	3/4	124,653	3/4	112,587	3/4	100,521	3/4	88,454
2		2		2	170,297	2	160,495	2	148,495	2	136,468	2	124,402	2	112,336	2	100,269	2	88,202
1/4	1/4	1/4	1/4	1/4	170,238	1/4	160,245	1/4	148,246	1/4	136,217	1/4	124,151	1/4	112,084	1/4	100,018	1/4	87,951
1/2	1/2	1/2	1/2	1/2	170,179	1/2	159,995	1/2	147,996	1/2	135,966	1/2	123,899	1/2	111,833	1/2	99,767	1/2	87,699
3/4	3/4	3/4	3/4	3/4	170,120	3/4	159,745	3/4	147,746	3/4	135,714	3/4	123,648	3/4	111,582	3/4	99,515	3/4	87,448
3		3		3	170,061	3	159,495	3	147,496	3	135,463	3	123,396	3	111,330	3	99,264	3	87,196
1/4	1/4	1/4	1/4	1/4	169,960	1/4	159,245	1/4	147,246	1/4	135,211	1/4	123,145	1/4	111,079	1/4	99,012	1/4	86,945
1/2	1/2	1/2	1/2	1/2	169,859	1/2	158,995	1/2	146,996	1/2	134,960	1/2	122,894	1/2	110,827	1/2	98,761	1/2	86,694
3/4	3/4	3/4	3/4	3/4	169,758	3/4	158,745	3/4	146,746	3/4	134,709	3/4	122,642	3/4	110,576	3/4	98,510	3/4	86,442
4		4		4	169,657	4	158,495	4	146,496	4	134,457	4	122,391	4	110,325	4	98,258	4	86,191
1/4	1/4	1/4	1/4	1/4	169,514	1/4	158,245	1/4	146,246	1/4	134,206	1/4	122,140	1/4	110,073	1/4	98,007	1/4	85,939
1/2	1/2	1/2	1/2	1/2	169,371	1/2	157,995	1/2	145,996	1/2	133,954	1/2	121,888	1/2	109,822	1/2	97,756	1/2	85,688
3/4	3/4	3/4	3/4	3/4	169,228	3/4	157,745	3/4	145,746	3/4	133,703	3/4	121,637	3/4	109,570	3/4	97,504	3/4	85,436
5		5		5	169,085	5	157,495	5	145,496	5	133,452	5	121,385	5	109,319	5	97,253	5	85,185
1/4	1/4	1/4	1/4	1/4	168,900	1/4	157,245	1/4	145,246	1/4	133,200	1/4	121,134	1/4	109,068	1/4	97,001	1/4	84,934
1/2	1/2	1/2	1/2	1/2	168,715	1/2	156,995	1/2	144,996	1/2	132,949	1/2	120,883	1/2	108,816	1/2	96,750	1/2	84,682
3/4	3/4	3/4	3/4	3/4	168,531	3/4	156,745	3/4	144,746	3/4	132,698	3/4	120,631	3/4	108,565	3/4	96,499	3/4	84,431
6		6		6	168,346	6	156,495	6	144,496	6	132,446	6	120,380	6	108,314	6	96,247	6	84,179
1/4	1/4	1/4	1/4	1/4	168,119	1/4	156,245	1/4	144,246	1/4	132,195	1/4	120,128	1/4	108,062	1/4	95,996	1/4	83,928
1/2	1/2	1/2	1/2	1/2	167,892	1/2	155,995	1/2	143,996	1/2	131,943	1/2	119,877	1/2	107,811	1/2	95,744	1/2	83,677
3/4	3/4	3/4	3/4	3/4	167,666	3/4	155,745	3/4	143,746	3/4	131,692	3/4	119,626	3/4	107,559	3/4	95,493	3/4	83,425
7		7		7	167,439	7	155,495	7	143,496	7	131,441	7	119,374	7	107,308	7	95,242	7	83,174
1/4	1/4	1/4	1/4	1/4	167,191	1/4	155,245	1/4	143,246	1/4	131,189	1/4	119,123	1/4	107,057	1/4	94,990	1/4	82,922
1/2	1/2	1/2	1/2	1/2	166,943	1/2	154,995	1/2	142,996	1/2	130,938	1/2	118,872	1/2	106,805	1/2	94,739	1/2	82,671
3/4	3/4	3/4	3/4	3/4	166,696	3/4	154,745	3/4	142,746	3/4	130,687	3/4	118,620	3/4	106,554	3/4	94,488	3/4	82,419
8		8		8	166,448	8	154,495	8	142,496	8	130,435	8	118,369	8	106,303	8	94,236	8	82,168
1/4	1/4	1/4	1/4	1/4	166,200	1/4	154,245	1/4	142,246	1/4	130,184	1/4	118,117	1/4	106,051	1/4	93,985	1/4	81,917
1/2	1/2	1/2	1/2	1/2	165,953	1/2	153,995	1/2	141,996	1/2	129,932	1/2	117,866	1/2	105,800	1/2	93,733	1/2	81,665
3/4	3/4	3/4	3/4	3/4	165,705	3/4	153,745	3/4	141,746	3/4	129,681	3/4	117,615	3/4	105,548	3/4	93,482	3/4	81,414
9		9		9	165,457	9	153,495	9	141,496	9	129,430	9	117,363	9	105,297	9	93,231	9	81,162
1/4	1/4	1/4	1/4	1/4	165,210	1/4	153,245	1/4	141,245	1/4	129,178	1/4	117,112	1/4	105,046	1/4	92,979	1/4	80,911
1/2	1/2	1/2	1/2	1/2	164,962	1/2	152,995	1/2	140,993	1/2	128,927	1/2	116,861	1/2	104,794	1/2	92,728	1/2	80,659
3/4	3/4	3/4	3/4	3/4	164,714	3/4	152,745	3/4	140,742	3/4	128,675	3/4	116,609	3/4	104,543	3/4	92,476	3/4	80,408
10		10		10	164,467	10	152,495	10	140,490	10	128,424	10	116,358	10	104,291	10	92,225	10	80,157
1/4	1/4	1/4	1/4	1/4	164,219	1/4	152,245	1/4	140,239	1/4	128,173	1/4	116,106	1/4	104,040	1/4	91,974	1/4	79,905
1/2	1/2	1/2	1/2	1/2	163,971	1/2	151,995	1/2	139,988	1/2	127,921	1/2	115,855	1/2	103,789	1/2	91,722	1/2	79,654
3/4	3/4	3/4	3/4	3/4	163,724	3/4	151,745	3/4	139,736	3/4	127,670	3/4	115,604	3/4	103,537	3/4	91,471	3/4	79,402
11		11		11	163,476	11	151,495	11	139,485	11	127,419	11	115,352	11	103,286	11	91,219	11	79,151
1/4	1/4	1/4	1/4	1/4	163,228	1/4	151,245	1/4	139,234	1/4	127,167	1/4	115,101	1/4	103,035	1/4	90,968	1/4	78,899
1/2	1/2	1/2	1/2	1/2	162,981	1/2	150,995	1/2	138,982	1/2	126,916	1/2	114,849	1/2	102,783	1/2	90,716	1/2	78,648
3/4	3/4	3/4	3/4	3/4	162,733	3/4	150,745	3/4	138,731	3/4	126,664	3/4	114,598	3/4	102,532	3/4	90,465	3/4	78,397

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 29'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1360"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	78,145	0	66,077	0	54,008	0	41,940	0	30,107	0	18,097	0	6,033	0		0		0	
1/4	77,894	1/4	65,825	1/4	53,757	1/4	41,689	1/4	29,863	1/4	17,846	1/4	5,783	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,642	1/2	65,574	1/2	53,506	1/2	41,437	1/2	29,619	1/2	17,594	1/2	5,533	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,391	3/4	65,323	3/4	53,254	3/4	41,186	3/4	29,375	3/4	17,343	3/4	5,283	3/4	3/4	3/4	3/4	3/4	3/4
1	77,139	1	65,071	1	53,003	1	40,934	1	29,131	1	17,092	1	5,034	1	1	1	1	1	1
1/4	76,888	1/4	64,820	1/4	52,751	1/4	40,683	1/4	28,887	1/4	16,840	1/4	4,785	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,637	1/2	64,568	1/2	52,500	1/2	40,431	1/2	28,643	1/2	16,589	1/2	4,536	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,385	3/4	64,317	3/4	52,248	3/4	40,180	3/4	28,398	3/4	16,337	3/4	4,288	3/4	3/4	3/4	3/4	3/4	3/4
2	76,134	2	64,065	2	51,997	2	39,929	2	28,154	2	16,086	2	4,039	2	2	2	2	2	2
1/4	75,882	1/4	63,814	1/4	51,746	1/4	39,677	1/4	27,902	1/4	15,834	1/4	3,793	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,631	1/2	63,563	1/2	51,494	1/2	39,426	1/2	27,651	1/2	15,583	1/2	3,546	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,379	3/4	63,311	3/4	51,243	3/4	39,174	3/4	27,400	3/4	15,332	3/4	3,300	3/4	3/4	3/4	3/4	3/4	3/4
3	75,128	3	63,060	3	50,991	3	38,923	3	27,148	3	15,080	3	3,054	3	3	3	3	3	3
1/4	74,877	1/4	62,808	1/4	50,740	1/4	38,671	1/4	26,897	1/4	14,829	1/4	2,824	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,625	1/2	62,557	1/2	50,488	1/2	38,420	1/2	26,645	1/2	14,577	1/2	2,594	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,374	3/4	62,305	3/4	50,237	3/4	38,169	3/4	26,394	3/4	14,326	3/4	2,364	3/4	3/4	3/4	3/4	3/4	3/4
4	74,122	4	62,054	4	49,986	4	37,917	4	26,143	4	14,075	4	2,134	4	4	4	4	4	4
1/4	73,871	1/4	61,803	1/4	49,734	1/4	37,673	1/4	25,891	1/4	13,823	1/4	1,946	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,620	1/2	61,551	1/2	49,483	1/2	37,428	1/2	25,640	1/2	13,572	1/2	1,757	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,368	3/4	61,300	3/4	49,231	3/4	37,184	3/4	25,388	3/4	13,320	3/4	1,569	3/4	3/4	3/4	3/4	3/4	3/4
5	73,117	5	61,048	5	48,980	5	36,940	5	25,137	5	13,069	5	1,380	5	5	5	5	5	5
1/4	72,865	1/4	60,797	1/4	48,728	1/4	36,696	1/4	24,885	1/4	12,817	1/4	1,233	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,614	1/2	60,545	1/2	48,477	1/2	36,452	1/2	24,634	1/2	12,566	1/2	1,087	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,362	3/4	60,294	3/4	48,226	3/4	36,208	3/4	24,383	3/4	12,315	3/4	940	3/4	3/4	3/4	3/4	3/4	3/4
6	72,111	6	60,043	6	47,974	6	35,964	6	24,131	6	12,063	6	793	6	6	6	6	6	6
1/4	71,860	1/4	59,791	1/4	47,723	1/4	35,720	1/4	23,880	1/4	11,812	1/4	689	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,608	1/2	59,540	1/2	47,471	1/2	35,476	1/2	23,628	1/2	11,560	1/2	584	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,357	3/4	59,288	3/4	47,220	3/4	35,232	3/4	23,377	3/4	11,309	3/4	479	3/4	3/4	3/4	3/4	3/4	3/4
7	71,105	7	59,037	7	46,968	7	34,988	7	23,126	7	11,058	7	374	7	7	7	7	7	7
1/4	70,854	1/4	58,785	1/4	46,717	1/4	34,744	1/4	22,874	1/4	10,806	1/4	312	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,602	1/2	58,534	1/2	46,466	1/2	34,500	1/2	22,623	1/2	10,555	1/2	249	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,351	3/4	58,283	3/4	46,214	3/4	34,256	3/4	22,371	3/4	10,303	3/4	186	3/4	3/4	3/4	3/4	3/4	3/4
8	70,100	8	58,031	8	45,963	8	34,012	8	22,120	8	10,052	8	123	8	8	8	8	8	8
1/4	69,848	1/4	57,780	1/4	45,711	1/4	33,768	1/4	21,868	1/4	9,800	1/4	102	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,597	1/2	57,528	1/2	45,460	1/2	33,524	1/2	21,617	1/2	9,549	1/2	81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,345	3/4	57,277	3/4	45,209	3/4	33,280	3/4	21,366	3/4	9,298	3/4	60	3/4	3/4	3/4	3/4	3/4	3/4
9	69,094	9	57,025	9	44,957	9	33,036	9	21,114	9	9,046	9	39	9	9	9	9	9	9
1/4	68,842	1/4	56,774	1/4	44,706	1/4	32,791	1/4	20,863	1/4	8,795	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,591	1/2	56,523	1/2	44,454	1/2	32,547	1/2	20,611	1/2	8,543	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,340	3/4	56,271	3/4	44,203	3/4	32,303	3/4	20,360	3/4	8,292	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	68,088	10	56,020	10	43,951	10	32,059	10	20,109	10	8,041	10		10	10	10	10	10	10
1/4	67,837	1/4	55,768	1/4	43,700	1/4	31,815	1/4	19,857	1/4	7,789	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,585	1/2	55,517	1/2	43,449	1/2	31,571	1/2	19,606	1/2	7,538	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,334	3/4	55,266	3/4	43,197	3/4	31,327	3/4	19,354	3/4	7,287	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	67,082	11	55,014	11	42,946	11	31,083	11	19,103	11	7,036	11		11	11	11	11	11	11
1/4	66,831	1/4	54,763	1/4	42,694	1/4	30,839	1/4	18,851	1/4	6,785	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,580	1/2	54,511	1/2	42,443	1/2	30,595	1/2	18,600	1/2	6,534	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,328	3/4	54,260	3/4	42,191	3/4	30,351	3/4	18,349	3/4	6,284	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2013 CL
CALCULATED: 04/02/2013 CL
PRINTED: 04/02/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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



BARGE "CBC 1360"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	145,144	0	134,505	0	123,841	0	113,129	0	102,418	0	91,706	0	80,994
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,924	1/4	134,283	1/4	123,618	1/4	112,906	1/4	102,195	1/4	91,483	1/4	80,771
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,704	1/2	134,061	1/2	123,395	1/2	112,683	1/2	101,971	1/2	91,260	1/2	80,548
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,484	3/4	133,839	3/4	123,172	3/4	112,460	3/4	101,748	3/4	91,037	3/4	80,324
1		1		1		1	144,264	1	133,617	1	122,948	1	112,237	1	101,525	1	90,813	1	80,101
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,044	1/4	133,395	1/4	122,725	1/4	112,014	1/4	101,302	1/4	90,590	1/4	79,878
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,824	1/2	133,173	1/2	122,502	1/2	111,790	1/2	101,079	1/2	90,367	1/2	79,655
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,480	3/4	143,604	3/4	132,951	3/4	122,279	3/4	111,567	3/4	100,856	3/4	90,144
2		2		2		2	151,465	2	143,382	2	132,729	2	122,056	2	111,344	2	100,632	2	89,921
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,450	1/4	143,160	1/4	132,508	1/4	121,833	1/4	111,121	1/4	100,409	1/4	89,698
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,435	1/2	142,939	1/2	132,286	1/2	121,609	1/2	110,898	1/2	100,186	1/2	89,474
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,419	3/4	142,717	3/4	132,064	3/4	121,386	3/4	110,675	3/4	99,963	3/4	89,251
3		3		3		3	151,367	3	142,495	3	131,842	3	121,163	3	110,451	3	99,740	3	89,028
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,314	1/4	142,273	1/4	131,620	1/4	120,940	1/4	110,228	1/4	99,517	1/4	88,805
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,262	1/2	142,051	1/2	131,398	1/2	120,717	1/2	110,005	1/2	99,293	1/2	88,582
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,209	3/4	141,829	3/4	131,176	3/4	120,494	3/4	109,782	3/4	99,070	3/4	88,359
4		4		4		4	151,120	4	141,607	4	130,954	4	120,270	4	109,559	4	98,847	4	88,135
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,030	1/4	141,385	1/4	130,732	1/4	120,047	1/4	109,336	1/4	98,624	1/4	87,912
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,940	1/2	141,163	1/2	130,510	1/2	119,824	1/2	109,112	1/2	98,401	1/2	87,689
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,851	3/4	140,941	3/4	130,288	3/4	119,601	3/4	108,889	3/4	98,178	3/4	87,466
5		5		5		5	150,724	5	140,719	5	130,066	5	119,378	5	108,666	5	97,954	5	87,243
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,597	1/4	140,497	1/4	129,844	1/4	119,155	1/4	108,443	1/4	97,731	1/4	87,020
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,470	1/2	140,275	1/2	129,622	1/2	118,931	1/2	108,220	1/2	97,508	1/2	86,797
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,343	3/4	140,053	3/4	129,400	3/4	118,708	3/4	107,997	3/4	97,285	3/4	86,573
6		6		6		6	150,179	6	139,831	6	129,178	6	118,485	6	107,774	6	97,062	6	86,350
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,015	1/4	139,609	1/4	128,957	1/4	118,262	1/4	107,550	1/4	96,839	1/4	86,127
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,851	1/2	139,388	1/2	128,735	1/2	118,039	1/2	107,327	1/2	96,616	1/2	85,904
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,687	3/4	139,166	3/4	128,513	3/4	117,816	3/4	107,104	3/4	96,392	3/4	85,681
7		7		7		7	149,485	7	138,944	7	128,291	7	117,593	7	106,881	7	96,169	7	85,458
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,284	1/4	138,722	1/4	128,069	1/4	117,369	1/4	106,658	1/4	95,946	1/4	85,234
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,083	1/2	138,500	1/2	127,847	1/2	117,146	1/2	106,435	1/2	95,723	1/2	85,011
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,882	3/4	138,278	3/4	127,625	3/4	116,923	3/4	106,211	3/4	95,500	3/4	84,788
8		8		8		8	148,662	8	138,056	8	127,403	8	116,700	8	105,988	8	95,277	8	84,565
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,442	1/4	137,834	1/4	127,181	1/4	116,477	1/4	105,765	1/4	95,053	1/4	84,342
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,222	1/2	137,612	1/2	126,959	1/2	116,254	1/2	105,542	1/2	94,830	1/2	84,119
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,002	3/4	137,390	3/4	126,737	3/4	116,030	3/4	105,319	3/4	94,607	3/4	83,895
9		9		9		9	147,782	9	137,168	9	126,515	9	115,807	9	105,096	9	94,384	9	83,672
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,562	1/4	136,946	1/4	126,293	1/4	115,584	1/4	104,872	1/4	94,161	1/4	83,449
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,342	1/2	136,724	1/2	126,071	1/2	115,361	1/2	104,649	1/2	93,938	1/2	83,226
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,122	3/4	136,502	3/4	125,849	3/4	115,138	3/4	104,426	3/4	93,714	3/4	83,003
10		10		10		10	146,903	10	136,280	10	125,626	10	114,915	10	104,203	10	93,491	10	82,780
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,683	1/4	136,058	1/4	125,403	1/4	114,691	1/4	103,980	1/4	93,268	1/4	82,556
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,463	1/2	135,837	1/2	125,180	1/2	114,468	1/2	103,757	1/2	93,045	1/2	82,333
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,243	3/4	135,615	3/4	124,957	3/4	114,245	3/4	103,533	3/4	92,822	3/4	82,110
11		11		11		11	146,023	11	135,393	11	124,734	11	114,022	11	103,310	11	92,599	11	81,887
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,803	1/4	135,171	1/4	124,510	1/4	113,799	1/4	103,087	1/4	92,375	1/4	81,664
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,583	1/2	134,949	1/2	124,287	1/2	113,576	1/2	102,864	1/2	92,152	1/2	81,440
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,363	3/4	134,727	3/4	124,064	3/4	113,352	3/4	102,641	3/4	91,929	3/4	81,217

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 24'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1360"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	70,281	0	59,567	0	48,854	0	38,140	0	27,445	0	16,739	0	6,028	0		0		0	
1/4	70,057	1/4	59,344	1/4	48,630	1/4	37,917	1/4	27,222	1/4	16,516	1/4	5,805	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,834	1/2	59,121	1/2	48,407	1/2	37,694	1/2	27,000	1/2	16,293	1/2	5,583	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,611	3/4	58,897	3/4	48,184	3/4	37,471	3/4	26,777	3/4	16,070	3/4	5,360	3/4	3/4	3/4	3/4	3/4	3/4
1	69,388	1	58,674	1	47,961	1	37,247	1	26,555	1	15,847	1	5,138	1	1	1	1	1	1
1/4	69,165	1/4	58,451	1/4	47,738	1/4	37,024	1/4	26,332	1/4	15,623	1/4	4,916	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,941	1/2	58,228	1/2	47,514	1/2	36,801	1/2	26,110	1/2	15,400	1/2	4,695	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,718	3/4	58,005	3/4	47,291	3/4	36,578	3/4	25,887	3/4	15,177	3/4	4,473	3/4	3/4	3/4	3/4	3/4	3/4
2	68,495	2	57,781	2	47,068	2	36,355	2	25,664	2	14,954	2	4,252	2	2	2	2	2	2
1/4	68,272	1/4	57,558	1/4	46,845	1/4	36,131	1/4	25,442	1/4	14,731	1/4	4,031	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,049	1/2	57,335	1/2	46,622	1/2	35,908	1/2	25,219	1/2	14,507	1/2	3,811	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,825	3/4	57,112	3/4	46,398	3/4	35,685	3/4	24,996	3/4	14,284	3/4	3,590	3/4	3/4	3/4	3/4	3/4	3/4
3	67,602	3	56,889	3	46,175	3	35,462	3	24,773	3	14,061	3	3,371	3	3	3	3	3	3
1/4	67,379	1/4	56,666	1/4	45,952	1/4	35,239	1/4	24,550	1/4	13,838	1/4	3,153	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,156	1/2	56,442	1/2	45,729	1/2	35,015	1/2	24,327	1/2	13,615	1/2	2,934	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,933	3/4	56,219	3/4	45,506	3/4	34,792	3/4	24,105	3/4	13,392	3/4	2,715	3/4	3/4	3/4	3/4	3/4	3/4
4	66,709	4	55,996	4	45,282	4	34,569	4	23,881	4	13,168	4	2,511	4	4	4	4	4	4
1/4	66,486	1/4	55,773	1/4	45,059	1/4	34,346	1/4	23,658	1/4	12,945	1/4	2,307	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,263	1/2	55,550	1/2	44,836	1/2	34,123	1/2	23,435	1/2	12,722	1/2	2,103	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,040	3/4	55,326	3/4	44,613	3/4	33,899	3/4	23,212	3/4	12,499	3/4	1,899	3/4	3/4	3/4	3/4	3/4	3/4
5	65,817	5	55,103	5	44,390	5	33,676	5	22,989	5	12,276	5	1,732	5	5	5	5	5	5
1/4	65,593	1/4	54,880	1/4	44,166	1/4	33,453	1/4	22,765	1/4	12,052	1/4	1,564	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,370	1/2	54,657	1/2	43,943	1/2	33,230	1/2	22,542	1/2	11,829	1/2	1,397	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,147	3/4	54,434	3/4	43,720	3/4	33,007	3/4	22,319	3/4	11,606	3/4	1,230	3/4	3/4	3/4	3/4	3/4	3/4
6	64,924	6	54,210	6	43,497	6	32,784	6	22,096	6	11,383	6	1,099	6	6	6	6	6	6
1/4	64,701	1/4	53,987	1/4	43,274	1/4	32,562	1/4	21,873	1/4	11,160	1/4	969	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,477	1/2	53,764	1/2	43,050	1/2	32,339	1/2	21,649	1/2	10,936	1/2	839	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,254	3/4	53,541	3/4	42,827	3/4	32,117	3/4	21,426	3/4	10,713	3/4	709	3/4	3/4	3/4	3/4	3/4	3/4
7	64,031	7	53,318	7	42,604	7	31,894	7	21,203	7	10,490	7	616	7	7	7	7	7	7
1/4	63,808	1/4	53,094	1/4	42,381	1/4	31,672	1/4	20,980	1/4	10,267	1/4	523	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,585	1/2	52,871	1/2	42,158	1/2	31,449	1/2	20,757	1/2	10,044	1/2	430	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,361	3/4	52,648	3/4	41,934	3/4	31,227	3/4	20,534	3/4	9,821	3/4	337	3/4	3/4	3/4	3/4	3/4	3/4
8	63,138	8	52,425	8	41,711	8	31,004	8	20,310	8	9,597	8	281	8	8	8	8	8	8
1/4	62,915	1/4	52,202	1/4	41,488	1/4	30,782	1/4	20,087	1/4	9,374	1/4	225	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,692	1/2	51,978	1/2	41,265	1/2	30,559	1/2	19,864	1/2	9,151	1/2	169	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,469	3/4	51,755	3/4	41,042	3/4	30,337	3/4	19,641	3/4	8,928	3/4	114	3/4	3/4	3/4	3/4	3/4	3/4
9	62,245	9	51,532	9	40,819	9	30,114	9	19,418	9	8,705	9	95	9	9	9	9	9	9
1/4	62,022	1/4	51,309	1/4	40,595	1/4	29,892	1/4	19,194	1/4	8,481	1/4	76	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,799	1/2	51,086	1/2	40,372	1/2	29,669	1/2	18,971	1/2	8,258	1/2	58	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,576	3/4	50,862	3/4	40,149	3/4	29,447	3/4	18,748	3/4	8,035	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4
10	61,353	10	50,639	10	39,926	10	29,224	10	18,525	10	7,812	10		10	10	10	10	10	10
1/4	61,129	1/4	50,416	1/4	39,703	1/4	29,002	1/4	18,302	1/4	7,589	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,906	1/2	50,193	1/2	39,479	1/2	28,779	1/2	18,078	1/2	7,365	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,683	3/4	49,970	3/4	39,256	3/4	28,557	3/4	17,855	3/4	7,142	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	60,460	11	49,746	11	39,033	11	28,335	11	17,632	11	6,919	11		11	11	11	11	11	11
1/4	60,237	1/4	49,523	1/4	38,810	1/4	28,112	1/4	17,409	1/4	6,696	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,013	1/2	49,300	1/2	38,587	1/2	27,890	1/2	17,186	1/2	6,473	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,790	3/4	49,077	3/4	38,363	3/4	27,667	3/4	16,963	3/4	6,250	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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PRINTED: 04/02/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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