



BARGE "CBC 1380"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
2 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8

(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"

April 9, 2015

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

<http://www.pmacorp.net>



BARGE "CBC 1380"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	8,052	0	18,788	0	29,510	0	40,235	0	50,972	0	61,708	0	72,444	0	83,181	0	93,916
1/4	58	1/4	8,276	1/4	19,012	1/4	29,733	1/4	40,459	1/4	51,195	1/4	61,932	1/4	72,668	1/4	83,405	1/4	94,139
1/2	77	1/2	8,500	1/2	19,236	1/2	29,956	1/2	40,682	1/2	51,419	1/2	62,155	1/2	72,892	1/2	83,628	1/2	94,363
3/4	95	3/4	8,723	3/4	19,459	3/4	30,179	3/4	40,906	3/4	51,643	3/4	62,379	3/4	73,115	3/4	83,852	3/4	94,586
1	114	1	8,947	1	19,683	1	30,402	1	41,130	1	51,866	1	62,603	1	73,339	1	84,075	1	94,810
1/4	170	1/4	9,171	1/4	19,907	1/4	30,625	1/4	41,353	1/4	52,090	1/4	62,826	1/4	73,563	1/4	84,299	1/4	95,034
1/2	226	1/2	9,394	1/2	20,130	1/2	30,848	1/2	41,577	1/2	52,314	1/2	63,050	1/2	73,786	1/2	84,523	1/2	95,257
3/4	282	3/4	9,618	3/4	20,354	3/4	31,071	3/4	41,801	3/4	52,537	3/4	63,274	3/4	74,010	3/4	84,746	3/4	95,481
2	338	2	9,842	2	20,578	2	31,294	2	42,024	2	52,761	2	63,497	2	74,234	2	84,970	2	95,705
1/4	431	1/4	10,065	1/4	20,801	1/4	31,517	1/4	42,248	1/4	52,985	1/4	63,721	1/4	74,458	1/4	85,194	1/4	95,928
1/2	524	1/2	10,289	1/2	21,025	1/2	31,740	1/2	42,472	1/2	53,208	1/2	63,945	1/2	74,681	1/2	85,417	1/2	96,152
3/4	617	3/4	10,513	3/4	21,249	3/4	31,963	3/4	42,695	3/4	53,432	3/4	64,168	3/4	74,905	3/4	85,641	3/4	96,376
3	710	3	10,736	3	21,472	3	32,186	3	42,919	3	53,656	3	64,392	3	75,129	3	85,865	3	96,599
1/4	841	1/4	10,960	1/4	21,696	1/4	32,409	1/4	43,143	1/4	53,879	1/4	64,616	1/4	75,352	1/4	86,088	1/4	96,823
1/2	971	1/2	11,184	1/2	21,920	1/2	32,632	1/2	43,367	1/2	54,103	1/2	64,839	1/2	75,576	1/2	86,312	1/2	97,046
3/4	1,102	3/4	11,407	3/4	22,143	3/4	32,854	3/4	43,590	3/4	54,327	3/4	65,063	3/4	75,800	3/4	86,535	3/4	97,270
4	1,232	4	11,631	4	22,367	4	33,077	4	43,814	4	54,550	4	65,287	4	76,023	4	86,759	4	97,494
1/4	1,400	1/4	11,855	1/4	22,591	1/4	33,301	1/4	44,038	1/4	54,774	1/4	65,510	1/4	76,247	1/4	86,983	1/4	97,717
1/2	1,568	1/2	12,078	1/2	22,814	1/2	33,525	1/2	44,261	1/2	54,998	1/2	65,734	1/2	76,471	1/2	87,206	1/2	97,941
3/4	1,735	3/4	12,302	3/4	23,038	3/4	33,748	3/4	44,485	3/4	55,221	3/4	65,958	3/4	76,694	3/4	87,430	3/4	98,165
5	1,903	5	12,526	5	23,262	5	33,972	5	44,709	5	55,445	5	66,181	5	76,918	5	87,654	5	98,388
1/4	2,108	1/4	12,749	1/4	23,485	1/4	34,196	1/4	44,932	1/4	55,669	1/4	66,405	1/4	77,142	1/4	87,877	1/4	98,612
1/2	2,312	1/2	12,973	1/2	23,709	1/2	34,419	1/2	45,156	1/2	55,892	1/2	66,629	1/2	77,365	1/2	88,101	1/2	98,836
3/4	2,516	3/4	13,197	3/4	23,933	3/4	34,643	3/4	45,380	3/4	56,116	3/4	66,853	3/4	77,589	3/4	88,325	3/4	99,059
6	2,721	6	13,420	6	24,156	6	34,867	6	45,603	6	56,340	6	67,076	6	77,813	6	88,548	6	99,283
1/4	2,940	1/4	13,644	1/4	24,380	1/4	35,091	1/4	45,827	1/4	56,563	1/4	67,300	1/4	78,036	1/4	88,772	1/4	99,506
1/2	3,159	1/2	13,868	1/2	24,603	1/2	35,314	1/2	46,051	1/2	56,787	1/2	67,524	1/2	78,260	1/2	88,995	1/2	99,730
3/4	3,379	3/4	14,091	3/4	24,826	3/4	35,538	3/4	46,274	3/4	57,011	3/4	67,747	3/4	78,484	3/4	89,219	3/4	99,954
7	3,598	7	14,315	7	25,050	7	35,762	7	46,498	7	57,234	7	67,971	7	78,707	7	89,443	7	100,177
1/4	3,819	1/4	14,539	1/4	25,273	1/4	35,985	1/4	46,722	1/4	57,458	1/4	68,195	1/4	78,931	1/4	89,666	1/4	100,401
1/2	4,040	1/2	14,762	1/2	25,496	1/2	36,209	1/2	46,945	1/2	57,682	1/2	68,418	1/2	79,155	1/2	89,890	1/2	100,625
3/4	4,261	3/4	14,986	3/4	25,719	3/4	36,433	3/4	47,169	3/4	57,905	3/4	68,642	3/4	79,378	3/4	90,114	3/4	100,848
8	4,482	8	15,210	8	25,943	8	36,656	8	47,393	8	58,129	8	68,866	8	79,602	8	90,337	8	101,072
1/4	4,705	1/4	15,433	1/4	26,166	1/4	36,880	1/4	47,616	1/4	58,353	1/4	69,089	1/4	79,826	1/4	90,561	1/4	101,296
1/2	4,927	1/2	15,657	1/2	26,389	1/2	37,104	1/2	47,840	1/2	58,577	1/2	69,313	1/2	80,049	1/2	90,785	1/2	101,519
3/4	5,149	3/4	15,881	3/4	26,612	3/4	37,327	3/4	48,064	3/4	58,800	3/4	69,537	3/4	80,273	3/4	91,008	3/4	101,743
9	5,372	9	16,104	9	26,835	9	37,551	9	48,287	9	59,024	9	69,760	9	80,497	9	91,232	9	101,967
1/4	5,595	1/4	16,328	1/4	27,058	1/4	37,775	1/4	48,511	1/4	59,248	1/4	69,984	1/4	80,720	1/4	91,456	1/4	102,190
1/2	5,818	1/2	16,552	1/2	27,281	1/2	37,998	1/2	48,735	1/2	59,471	1/2	70,208	1/2	80,944	1/2	91,679	1/2	102,414
3/4	6,041	3/4	16,775	3/4	27,503	3/4	38,222	3/4	48,958	3/4	59,695	3/4	70,431	3/4	81,168	3/4	91,903	3/4	102,637
10	6,264	10	16,999	10	27,726	10	38,446	10	49,182	10	59,919	10	70,655	10	81,391	10	92,126	10	102,861
1/4	6,487	1/4	17,223	1/4	27,949	1/4	38,669	1/4	49,406	1/4	60,142	1/4	70,879	1/4	81,615	1/4	92,350	1/4	103,085
1/2	6,711	1/2	17,446	1/2	28,172	1/2	38,893	1/2	49,629	1/2	60,366	1/2	71,102	1/2	81,839	1/2	92,574	1/2	103,308
3/4	6,934	3/4	17,670	3/4	28,395	3/4	39,117	3/4	49,853	3/4	60,590	3/4	71,326	3/4	82,063	3/4	92,797	3/4	103,532
11	7,158	11	17,894	11	28,618	11	39,340	11	50,077	11	60,813	11	71,550	11	82,286	11	93,021	11	103,756
1/4	7,381	1/4	18,117	1/4	28,841	1/4	39,564	1/4	50,300	1/4	61,037	1/4	71,773	1/4	82,510	1/4	93,245	1/4	103,979
1/2	7,605	1/2	18,341	1/2	29,064	1/2	39,788	1/2	50,524	1/2	61,261	1/2	71,997	1/2	82,734	1/2	93,468	1/2	104,203
3/4	7,829	3/4	18,565	3/4	29,287	3/4	40,011	3/4	50,748	3/4	61,484	3/4	72,221	3/4	82,957	3/4	93,692	3/4	104,427

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 1380"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	104,650	0	115,385	0	126,119	0	136,795	0	147,438	0		0		0		0		0	
1/4	104,874	1/4	115,608	1/4	126,342	1/4	137,018	1/4	147,658	1/4		1/4		1/4		1/4		1/4	
1/2	105,097	1/2	115,832	1/2	126,564	1/2	137,240	1/2	147,879	1/2		1/2		1/2		1/2		1/2	
3/4	105,321	3/4	116,056	3/4	126,787	3/4	137,462	3/4	148,099	3/4		3/4		3/4		3/4		3/4	
1	105,545	1	116,279	1	127,009	1	137,685	1	148,320	1		1		1		1		1	
1/4	105,768	1/4	116,503	1/4	127,232	1/4	137,907	1/4	148,540	1/4		1/4		1/4		1/4		1/4	
1/2	105,992	1/2	116,727	1/2	127,454	1/2	138,130	1/2	148,760	1/2		1/2		1/2		1/2		1/2	
3/4	106,216	3/4	116,950	3/4	127,676	3/4	138,352	3/4	148,981	3/4		3/4		3/4		3/4		3/4	
2	106,439	2	117,174	2	127,899	2	138,575	2	149,201	2		2		2		2		2	
1/4	106,663	1/4	117,398	1/4	128,121	1/4	138,797	1/4	149,403	1/4		1/4		1/4		1/4		1/4	
1/2	106,887	1/2	117,621	1/2	128,344	1/2	139,019	1/2	149,604	1/2		1/2		1/2		1/2		1/2	
3/4	107,110	3/4	117,845	3/4	128,566	3/4	139,242	3/4	149,806	3/4		3/4		3/4		3/4		3/4	
3	107,334	3	118,068	3	128,788	3	139,464	3	150,008	3		3		3		3		3	
1/4	107,557	1/4	118,292	1/4	129,011	1/4	139,687	1/4	150,172	1/4		1/4		1/4		1/4		1/4	
1/2	107,781	1/2	118,516	1/2	129,233	1/2	139,909	1/2	150,337	1/2		1/2		1/2		1/2		1/2	
3/4	108,005	3/4	118,739	3/4	129,456	3/4	140,131	3/4	150,501	3/4		3/4		3/4		3/4		3/4	
4	108,228	4	118,963	4	129,678	4	140,354	4	150,666	4		4		4		4		4	
1/4	108,452	1/4	119,187	1/4	129,900	1/4	140,576	1/4	150,793	1/4		1/4		1/4		1/4		1/4	
1/2	108,676	1/2	119,410	1/2	130,123	1/2	140,799	1/2	150,920	1/2		1/2		1/2		1/2		1/2	
3/4	108,899	3/4	119,634	3/4	130,345	3/4	141,021	3/4	151,047	3/4		3/4		3/4		3/4		3/4	
5	109,123	5	119,858	5	130,568	5	141,243	5	151,174	5		5		5		5		5	
1/4	109,347	1/4	120,081	1/4	130,790	1/4	141,466	1/4	151,264	1/4		1/4		1/4		1/4		1/4	
1/2	109,570	1/2	120,305	1/2	131,013	1/2	141,688	1/2	151,354	1/2		1/2		1/2		1/2		1/2	
3/4	109,794	3/4	120,528	3/4	131,235	3/4	141,911	3/4	151,444	3/4		3/4		3/4		3/4		3/4	
6	110,017	6	120,752	6	131,457	6	142,133	6	151,534	6		6		6		6		6	
1/4	110,241	1/4	120,976	1/4	131,680	1/4	142,356	1/4	151,586	1/4		1/4		1/4		1/4		1/4	
1/2	110,465	1/2	121,199	1/2	131,902	1/2	142,578	1/2	151,639	1/2		1/2		1/2		1/2		1/2	
3/4	110,688	3/4	121,423	3/4	132,125	3/4	142,800	3/4	151,692	3/4		3/4		3/4		3/4		3/4	
7	110,912	7	121,647	7	132,347	7	143,023	7	151,744	7		7		7		7		7	
1/4	111,136	1/4	121,870	1/4	132,569	1/4	143,245	1/4	151,759	1/4		1/4		1/4		1/4		1/4	
1/2	111,359	1/2	122,094	1/2	132,792	1/2	143,468	1/2	151,775	1/2		1/2		1/2		1/2		1/2	
3/4	111,583	3/4	122,318	3/4	133,014	3/4	143,690	3/4	151,790	3/4		3/4		3/4		3/4		3/4	
8	111,807	8	122,541	8	133,237	8	143,912	8	151,805	8		8		8		8		8	
1/4	112,030	1/4	122,765	1/4	133,459	1/4	144,133	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,254	1/2	122,989	1/2	133,681	1/2	144,353	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,478	3/4	123,212	3/4	133,904	3/4	144,573	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,701	9	123,436	9	134,126	9	144,794	9		9		9		9		9		9	
1/4	112,925	1/4	123,659	1/4	134,349	1/4	145,014	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,148	1/2	123,883	1/2	134,571	1/2	145,235	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,372	3/4	124,107	3/4	134,794	3/4	145,455	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,596	10	124,330	10	135,016	10	145,675	10		10		10		10		10		10	
1/4	113,819	1/4	124,554	1/4	135,238	1/4	145,896	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,043	1/2	124,778	1/2	135,461	1/2	146,116	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,267	3/4	125,001	3/4	135,683	3/4	146,336	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,490	11	125,225	11	135,906	11	146,557	11		11		11		11		11		11	
1/4	114,714	1/4	125,449	1/4	136,128	1/4	146,777	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,938	1/2	125,672	1/2	136,350	1/2	146,997	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,161	3/4	125,896	3/4	136,573	3/4	147,218	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/09/2015 SW
CALCULATED: 04/09/2015 CL
PRINTED: 04/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1380"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,040	0	21,100	0	33,013	0	44,926	0	56,986	0	69,046	0	81,106	0	93,166	0	105,224
1/4	60	1/4	9,291	1/4	21,351	1/4	33,256	1/4	45,177	1/4	57,237	1/4	69,297	1/4	81,357	1/4	93,417	1/4	105,475
1/2	81	1/2	9,542	1/2	21,602	1/2	33,500	1/2	45,428	1/2	57,488	1/2	69,548	1/2	81,608	1/2	93,668	1/2	105,726
3/4	102	3/4	9,794	3/4	21,853	3/4	33,744	3/4	45,680	3/4	57,740	3/4	69,800	3/4	81,860	3/4	93,919	3/4	105,977
1	123	1	10,045	1	22,104	1	33,988	1	45,931	1	57,991	1	70,051	1	82,111	1	94,171	1	106,229
1/4	186	1/4	10,296	1/4	22,356	1/4	34,232	1/4	46,182	1/4	58,242	1/4	70,302	1/4	82,362	1/4	94,422	1/4	106,480
1/2	249	1/2	10,547	1/2	22,607	1/2	34,476	1/2	46,433	1/2	58,493	1/2	70,553	1/2	82,613	1/2	94,673	1/2	106,731
3/4	311	3/4	10,799	3/4	22,858	3/4	34,719	3/4	46,685	3/4	58,745	3/4	70,805	3/4	82,865	3/4	94,924	3/4	106,982
2	374	2	11,050	2	23,109	2	34,963	2	46,936	2	58,996	2	71,056	2	83,116	2	95,176	2	107,233
1/4	479	1/4	11,301	1/4	23,361	1/4	35,207	1/4	47,187	1/4	59,247	1/4	71,307	1/4	83,367	1/4	95,427	1/4	107,485
1/2	584	1/2	11,552	1/2	23,612	1/2	35,451	1/2	47,438	1/2	59,498	1/2	71,558	1/2	83,618	1/2	95,678	1/2	107,736
3/4	688	3/4	11,804	3/4	23,863	3/4	35,695	3/4	47,690	3/4	59,750	3/4	71,810	3/4	83,870	3/4	95,929	3/4	107,987
3	793	3	12,055	3	24,114	3	35,939	3	47,941	3	60,001	3	72,061	3	84,121	3	96,180	3	108,238
1/4	939	1/4	12,306	1/4	24,366	1/4	36,182	1/4	48,192	1/4	60,252	1/4	72,312	1/4	84,372	1/4	96,432	1/4	108,489
1/2	1,086	1/2	12,557	1/2	24,617	1/2	36,426	1/2	48,443	1/2	60,503	1/2	72,563	1/2	84,623	1/2	96,683	1/2	108,741
3/4	1,233	3/4	12,809	3/4	24,868	3/4	36,670	3/4	48,695	3/4	60,755	3/4	72,815	3/4	84,875	3/4	96,934	3/4	108,992
4	1,379	4	13,060	4	25,119	4	36,914	4	48,946	4	61,006	4	73,066	4	85,126	4	97,185	4	109,243
1/4	1,568	1/4	13,311	1/4	25,371	1/4	37,158	1/4	49,197	1/4	61,257	1/4	73,317	1/4	85,377	1/4	97,436	1/4	109,494
1/2	1,756	1/2	13,562	1/2	25,622	1/2	37,402	1/2	49,448	1/2	61,508	1/2	73,568	1/2	85,628	1/2	97,688	1/2	109,745
3/4	1,944	3/4	13,814	3/4	25,873	3/4	37,647	3/4	49,700	3/4	61,760	3/4	73,820	3/4	85,880	3/4	97,939	3/4	109,997
5	2,133	5	14,065	5	26,124	5	37,891	5	49,951	5	62,011	5	74,071	5	86,131	5	98,190	5	110,248
1/4	2,362	1/4	14,316	1/4	26,376	1/4	38,142	1/4	50,202	1/4	62,262	1/4	74,322	1/4	86,382	1/4	98,441	1/4	110,499
1/2	2,592	1/2	14,567	1/2	26,627	1/2	38,393	1/2	50,453	1/2	62,513	1/2	74,573	1/2	86,633	1/2	98,692	1/2	110,750
3/4	2,822	3/4	14,819	3/4	26,878	3/4	38,645	3/4	50,705	3/4	62,765	3/4	74,825	3/4	86,885	3/4	98,944	3/4	111,002
6	3,051	6	15,070	6	27,129	6	38,896	6	50,956	6	63,016	6	75,076	6	87,136	6	99,195	6	111,253
1/4	3,298	1/4	15,321	1/4	27,381	1/4	39,147	1/4	51,207	1/4	63,267	1/4	75,327	1/4	87,387	1/4	99,446	1/4	111,504
1/2	3,544	1/2	15,572	1/2	27,632	1/2	39,398	1/2	51,458	1/2	63,518	1/2	75,578	1/2	87,638	1/2	99,697	1/2	111,755
3/4	3,790	3/4	15,823	3/4	27,883	3/4	39,650	3/4	51,710	3/4	63,770	3/4	75,830	3/4	87,890	3/4	99,948	3/4	112,006
7	4,036	7	16,075	7	28,134	7	39,901	7	51,961	7	64,021	7	76,081	7	88,141	7	100,200	7	112,258
1/4	4,285	1/4	16,326	1/4	28,378	1/4	40,152	1/4	52,212	1/4	64,272	1/4	76,332	1/4	88,392	1/4	100,451	1/4	112,509
1/2	4,533	1/2	16,577	1/2	28,623	1/2	40,403	1/2	52,463	1/2	64,523	1/2	76,583	1/2	88,643	1/2	100,702	1/2	112,760
3/4	4,782	3/4	16,828	3/4	28,867	3/4	40,655	3/4	52,715	3/4	64,775	3/4	76,835	3/4	88,895	3/4	100,953	3/4	113,011
8	5,030	8	17,080	8	29,111	8	40,906	8	52,966	8	65,026	8	77,086	8	89,146	8	101,204	8	113,262
1/4	5,280	1/4	17,331	1/4	29,355	1/4	41,157	1/4	53,217	1/4	65,277	1/4	77,337	1/4	89,397	1/4	101,456	1/4	113,514
1/2	5,529	1/2	17,582	1/2	29,599	1/2	41,408	1/2	53,468	1/2	65,528	1/2	77,588	1/2	89,648	1/2	101,707	1/2	113,765
3/4	5,779	3/4	17,833	3/4	29,843	3/4	41,660	3/4	53,720	3/4	65,780	3/4	77,840	3/4	89,900	3/4	101,958	3/4	114,016
9	6,029	9	18,085	9	30,086	9	41,911	9	53,971	9	66,031	9	78,091	9	90,151	9	102,209	9	114,267
1/4	6,279	1/4	18,336	1/4	30,330	1/4	42,162	1/4	54,222	1/4	66,282	1/4	78,342	1/4	90,402	1/4	102,461	1/4	114,518
1/2	6,530	1/2	18,587	1/2	30,574	1/2	42,413	1/2	54,473	1/2	66,533	1/2	78,593	1/2	90,653	1/2	102,712	1/2	114,770
3/4	6,780	3/4	18,838	3/4	30,818	3/4	42,665	3/4	54,725	3/4	66,785	3/4	78,845	3/4	90,905	3/4	102,963	3/4	115,021
10	7,031	10	19,090	10	31,062	10	42,916	10	54,976	10	67,036	10	79,096	10	91,156	10	103,214	10	115,272
1/4	7,282	1/4	19,341	1/4	31,306	1/4	43,167	1/4	55,227	1/4	67,287	1/4	79,347	1/4	91,407	1/4	103,465	1/4	115,523
1/2	7,533	1/2	19,592	1/2	31,549	1/2	43,418	1/2	55,478	1/2	67,538	1/2	79,598	1/2	91,658	1/2	103,717	1/2	115,774
3/4	7,784	3/4	19,843	3/4	31,793	3/4	43,670	3/4	55,730	3/4	67,790	3/4	79,850	3/4	91,910	3/4	103,968	3/4	116,026
11	8,035	11	20,095	11	32,037	11	43,921	11	55,981	11	68,041	11	80,101	11	92,161	11	104,219	11	116,277
1/4	8,286	1/4	20,346	1/4	32,281	1/4	44,172	1/4	56,232	1/4	68,292	1/4	80,352	1/4	92,412	1/4	104,470	1/4	116,528
1/2	8,538	1/2	20,597	1/2	32,525	1/2	44,423	1/2	56,483	1/2	68,543	1/2	80,603	1/2	92,663	1/2	104,721	1/2	116,779
3/4	8,789	3/4	20,848	3/4	32,769	3/4	44,675	3/4	56,735	3/4	68,795	3/4	80,855	3/4	92,915	3/4	104,973	3/4	117,030

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 30'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1380"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,282	0	129,340	0	141,398	0	153,388	0	165,342	0		0		0		0		0	
1/4	117,533	1/4	129,591	1/4	141,647	1/4	153,638	1/4	165,590	1/4		1/4		1/4		1/4		1/4	
1/2	117,784	1/2	129,842	1/2	141,897	1/2	153,888	1/2	165,837	1/2		1/2		1/2		1/2		1/2	
3/4	118,035	3/4	130,093	3/4	142,147	3/4	154,138	3/4	166,085	3/4		3/4		3/4		3/4		3/4	
1	118,287	1	130,344	1	142,397	1	154,388	1	166,332	1		1		1		1		1	
1/4	118,538	1/4	130,596	1/4	142,647	1/4	154,638	1/4	166,580	1/4		1/4		1/4		1/4		1/4	
1/2	118,789	1/2	130,847	1/2	142,896	1/2	154,887	1/2	166,827	1/2		1/2		1/2		1/2		1/2	
3/4	119,040	3/4	131,098	3/4	143,146	3/4	155,137	3/4	167,075	3/4		3/4		3/4		3/4		3/4	
2	119,291	2	131,349	2	143,396	2	155,387	2	167,322	2		2		2		2		2	
1/4	119,543	1/4	131,600	1/4	143,646	1/4	155,637	1/4	167,549	1/4		1/4		1/4		1/4		1/4	
1/2	119,794	1/2	131,852	1/2	143,896	1/2	155,887	1/2	167,776	1/2		1/2		1/2		1/2		1/2	
3/4	120,045	3/4	132,103	3/4	144,145	3/4	156,136	3/4	168,002	3/4		3/4		3/4		3/4		3/4	
3	120,296	3	132,354	3	144,395	3	156,386	3	168,229	3		3		3		3		3	
1/4	120,547	1/4	132,605	1/4	144,645	1/4	156,636	1/4	168,413	1/4		1/4		1/4		1/4		1/4	
1/2	120,799	1/2	132,857	1/2	144,895	1/2	156,886	1/2	168,598	1/2		1/2		1/2		1/2		1/2	
3/4	121,050	3/4	133,108	3/4	145,145	3/4	157,136	3/4	168,783	3/4		3/4		3/4		3/4		3/4	
4	121,301	4	133,359	4	145,395	4	157,385	4	168,967	4		4		4		4		4	
1/4	121,552	1/4	133,610	1/4	145,644	1/4	157,635	1/4	169,110	1/4		1/4		1/4		1/4		1/4	
1/2	121,803	1/2	133,861	1/2	145,894	1/2	157,885	1/2	169,253	1/2		1/2		1/2		1/2		1/2	
3/4	122,055	3/4	134,113	3/4	146,144	3/4	158,135	3/4	169,396	3/4		3/4		3/4		3/4		3/4	
5	122,306	5	134,364	5	146,394	5	158,385	5	169,539	5		5		5		5		5	
1/4	122,557	1/4	134,615	1/4	146,644	1/4	158,634	1/4	169,640	1/4		1/4		1/4		1/4		1/4	
1/2	122,808	1/2	134,866	1/2	146,893	1/2	158,884	1/2	169,741	1/2		1/2		1/2		1/2		1/2	
3/4	123,059	3/4	135,117	3/4	147,143	3/4	159,134	3/4	169,842	3/4		3/4		3/4		3/4		3/4	
6	123,311	6	135,369	6	147,393	6	159,384	6	169,942	6		6		6		6		6	
1/4	123,562	1/4	135,620	1/4	147,643	1/4	159,634	1/4	170,002	1/4		1/4		1/4		1/4		1/4	
1/2	123,813	1/2	135,871	1/2	147,893	1/2	159,884	1/2	170,061	1/2		1/2		1/2		1/2		1/2	
3/4	124,064	3/4	136,122	3/4	148,142	3/4	160,133	3/4	170,120	3/4		3/4		3/4		3/4		3/4	
7	124,315	7	136,373	7	148,392	7	160,383	7	170,179	7		7		7		7		7	
1/4	124,567	1/4	136,625	1/4	148,642	1/4	160,633	1/4	170,196	1/4		1/4		1/4		1/4		1/4	
1/2	124,818	1/2	136,876	1/2	148,892	1/2	160,883	1/2	170,213	1/2		1/2		1/2		1/2		1/2	
3/4	125,069	3/4	137,127	3/4	149,142	3/4	161,133	3/4	170,230	3/4		3/4		3/4		3/4		3/4	
8	125,320	8	137,378	8	149,391	8	161,382	8	170,247	8		8		8		8		8	
1/4	125,572	1/4	137,629	1/4	149,641	1/4	161,630	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,823	1/2	137,881	1/2	149,891	1/2	161,877	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,074	3/4	138,132	3/4	150,141	3/4	162,125	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,325	9	138,383	9	150,391	9	162,372	9		9		9		9		9		9	
1/4	126,576	1/4	138,634	1/4	150,641	1/4	162,620	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,828	1/2	138,885	1/2	150,890	1/2	162,867	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,079	3/4	139,137	3/4	151,140	3/4	163,115	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,330	10	139,388	10	151,390	10	163,362	10		10		10		10		10		10	
1/4	127,581	1/4	139,639	1/4	151,640	1/4	163,610	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,832	1/2	139,890	1/2	151,890	1/2	163,857	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,084	3/4	140,142	3/4	152,139	3/4	164,105	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,335	11	140,393	11	152,389	11	164,352	11		11		11		11		11		11	
1/4	128,586	1/4	140,644	1/4	152,639	1/4	164,600	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,837	1/2	140,895	1/2	152,889	1/2	164,847	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,088	3/4	141,146	3/4	153,139	3/4	165,095	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/09/2015 SW
CALCULATED: 04/09/2015 CL
PRINTED: 04/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1380"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	8,096	0	18,891	0	29,535	0	40,209	0	50,975	0	61,742	0	72,486	0	83,231	0	94,002
1/4	58	1/4	8,321	1/4	19,115	1/4	29,753	1/4	40,433	1/4	51,200	1/4	61,967	1/4	72,709	1/4	83,456	1/4	94,226
1/2	77	1/2	8,546	1/2	19,340	1/2	29,972	1/2	40,657	1/2	51,424	1/2	62,191	1/2	72,932	1/2	83,680	1/2	94,450
3/4	96	3/4	8,770	3/4	19,565	3/4	30,190	3/4	40,882	3/4	51,648	3/4	62,415	3/4	73,155	3/4	83,905	3/4	94,675
1	114	1	8,995	1	19,790	1	30,409	1	41,106	1	51,873	1	62,640	1	73,378	1	84,129	1	94,899
1/4	171	1/4	9,220	1/4	20,015	1/4	30,627	1/4	41,330	1/4	52,097	1/4	62,864	1/4	73,601	1/4	84,353	1/4	95,123
1/2	227	1/2	9,445	1/2	20,240	1/2	30,846	1/2	41,554	1/2	52,321	1/2	63,088	1/2	73,824	1/2	84,578	1/2	95,348
3/4	283	3/4	9,670	3/4	20,465	3/4	31,064	3/4	41,779	3/4	52,546	3/4	63,312	3/4	74,047	3/4	84,802	3/4	95,572
2	339	2	9,895	2	20,690	2	31,283	2	42,003	2	52,770	2	63,537	2	74,270	2	85,026	2	95,797
1/4	433	1/4	10,120	1/4	20,915	1/4	31,501	1/4	42,227	1/4	52,994	1/4	63,761	1/4	74,493	1/4	85,251	1/4	96,021
1/2	527	1/2	10,345	1/2	21,139	1/2	31,720	1/2	42,452	1/2	53,219	1/2	63,985	1/2	74,716	1/2	85,475	1/2	96,245
3/4	620	3/4	10,570	3/4	21,364	3/4	31,938	3/4	42,676	3/4	53,443	3/4	64,210	3/4	74,938	3/4	85,700	3/4	96,470
3	714	3	10,794	3	21,589	3	32,157	3	42,900	3	53,667	3	64,434	3	75,161	3	85,924	3	96,694
1/4	845	1/4	11,019	1/4	21,814	1/4	32,375	1/4	43,125	1/4	53,891	1/4	64,658	1/4	75,384	1/4	86,148	1/4	96,918
1/2	976	1/2	11,244	1/2	22,039	1/2	32,594	1/2	43,349	1/2	54,116	1/2	64,883	1/2	75,607	1/2	86,373	1/2	97,143
3/4	1,107	3/4	11,469	3/4	22,264	3/4	32,812	3/4	43,573	3/4	54,340	3/4	65,107	3/4	75,830	3/4	86,597	3/4	97,367
4	1,239	4	11,694	4	22,489	4	33,031	4	43,798	4	54,564	4	65,331	4	76,053	4	86,821	4	97,592
1/4	1,407	1/4	11,919	1/4	22,714	1/4	33,255	1/4	44,022	1/4	54,789	1/4	65,556	1/4	76,277	1/4	87,046	1/4	97,816
1/2	1,576	1/2	12,144	1/2	22,939	1/2	33,479	1/2	44,246	1/2	55,013	1/2	65,780	1/2	76,501	1/2	87,270	1/2	98,040
3/4	1,744	3/4	12,369	3/4	23,163	3/4	33,704	3/4	44,470	3/4	55,237	3/4	66,004	3/4	76,724	3/4	87,495	3/4	98,265
5	1,913	5	12,594	5	23,388	5	33,928	5	44,695	5	55,462	5	66,228	5	76,948	5	87,719	5	98,489
1/4	2,119	1/4	12,818	1/4	23,613	1/4	34,152	1/4	44,919	1/4	55,686	1/4	66,453	1/4	77,172	1/4	87,943	1/4	98,713
1/2	2,324	1/2	13,043	1/2	23,838	1/2	34,377	1/2	45,143	1/2	55,910	1/2	66,677	1/2	77,397	1/2	88,168	1/2	98,938
3/4	2,530	3/4	13,268	3/4	24,063	3/4	34,601	3/4	45,368	3/4	56,135	3/4	66,901	3/4	77,621	3/4	88,392	3/4	99,162
6	2,735	6	13,493	6	24,288	6	34,825	6	45,592	6	56,359	6	67,126	6	77,846	6	88,616	6	99,387
1/4	2,956	1/4	13,718	1/4	24,507	1/4	35,049	1/4	45,816	1/4	56,583	1/4	67,349	1/4	78,070	1/4	88,841	1/4	99,611
1/2	3,176	1/2	13,943	1/2	24,726	1/2	35,274	1/2	46,041	1/2	56,807	1/2	67,573	1/2	78,294	1/2	89,065	1/2	99,835
3/4	3,396	3/4	14,168	3/4	24,945	3/4	35,498	3/4	46,265	3/4	57,032	3/4	67,797	3/4	78,519	3/4	89,290	3/4	100,060
7	3,617	7	14,393	7	25,163	7	35,722	7	46,489	7	57,256	7	68,021	7	78,743	7	89,514	7	100,284
1/4	3,839	1/4	14,618	1/4	25,382	1/4	35,947	1/4	46,714	1/4	57,480	1/4	68,244	1/4	78,968	1/4	89,738	1/4	100,509
1/2	4,062	1/2	14,842	1/2	25,601	1/2	36,171	1/2	46,938	1/2	57,705	1/2	68,468	1/2	79,192	1/2	89,963	1/2	100,733
3/4	4,284	3/4	15,067	3/4	25,820	3/4	36,395	3/4	47,162	3/4	57,929	3/4	68,692	3/4	79,416	3/4	90,187	3/4	100,957
8	4,506	8	15,292	8	26,039	8	36,620	8	47,387	8	58,153	8	68,915	8	79,641	8	90,411	8	101,182
1/4	4,730	1/4	15,517	1/4	26,257	1/4	36,844	1/4	47,611	1/4	58,378	1/4	69,139	1/4	79,865	1/4	90,636	1/4	101,406
1/2	4,953	1/2	15,742	1/2	26,476	1/2	37,068	1/2	47,835	1/2	58,602	1/2	69,363	1/2	80,090	1/2	90,860	1/2	101,630
3/4	5,177	3/4	15,967	3/4	26,694	3/4	37,293	3/4	48,059	3/4	58,826	3/4	69,587	3/4	80,314	3/4	91,085	3/4	101,855
9	5,400	9	16,192	9	26,913	9	37,517	9	48,284	9	59,051	9	69,810	9	80,538	9	91,309	9	102,079
1/4	5,625	1/4	16,417	1/4	27,131	1/4	37,741	1/4	48,508	1/4	59,275	1/4	70,033	1/4	80,763	1/4	91,533	1/4	102,304
1/2	5,849	1/2	16,642	1/2	27,350	1/2	37,966	1/2	48,732	1/2	59,499	1/2	70,256	1/2	80,987	1/2	91,758	1/2	102,528
3/4	6,073	3/4	16,866	3/4	27,568	3/4	38,190	3/4	48,957	3/4	59,724	3/4	70,479	3/4	81,212	3/4	91,982	3/4	102,752
10	6,297	10	17,091	10	27,787	10	38,414	10	49,181	10	59,948	10	70,702	10	81,436	10	92,207	10	102,977
1/4	6,522	1/4	17,316	1/4	28,005	1/4	38,638	1/4	49,405	1/4	60,172	1/4	70,925	1/4	81,661	1/4	92,431	1/4	103,201
1/2	6,747	1/2	17,541	1/2	28,224	1/2	38,863	1/2	49,630	1/2	60,396	1/2	71,148	1/2	81,885	1/2	92,655	1/2	103,425
3/4	6,972	3/4	17,766	3/4	28,442	3/4	39,087	3/4	49,854	3/4	60,621	3/4	71,371	3/4	82,109	3/4	92,880	3/4	103,650
11	7,196	11	17,991	11	28,661	11	39,311	11	50,078	11	60,845	11	71,594	11	82,334	11	93,104	11	103,874
1/4	7,421	1/4	18,216	1/4	28,879	1/4	39,536	1/4	50,303	1/4	61,069	1/4	71,817	1/4	82,558	1/4	93,328	1/4	104,099
1/2	7,646	1/2	18,441	1/2	29,098	1/2	39,760	1/2	50,527	1/2	61,294	1/2	72,040	1/2	82,783	1/2	93,553	1/2	104,323
3/4	7,871	3/4	18,666	3/4	29,316	3/4	39,984	3/4	50,751	3/4	61,518	3/4	72,263	3/4	83,007	3/4	93,777	3/4	104,547

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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 Pearland, Texas 77588
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BARGE "CBC 1380"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	104,772	0	114,878	0	124,343	0	133,766	0	143,173	0		0		0		0		0	
1/4	104,996	1/4	115,075	1/4	124,540	1/4	133,963	1/4	143,367	1/4		1/4		1/4		1/4		1/4	
1/2	105,220	1/2	115,272	1/2	124,736	1/2	134,159	1/2	143,562	1/2		1/2		1/2		1/2		1/2	
3/4	105,444	3/4	115,470	3/4	124,933	3/4	134,356	3/4	143,756	3/4		3/4		3/4		3/4		3/4	
1	105,668	1	115,667	1	125,130	1	134,553	1	143,951	1		1		1		1		1	
1/4	105,892	1/4	115,864	1/4	125,326	1/4	134,749	1/4	144,146	1/4		1/4		1/4		1/4		1/4	
1/2	106,116	1/2	116,061	1/2	125,523	1/2	134,946	1/2	144,340	1/2		1/2		1/2		1/2		1/2	
3/4	106,341	3/4	116,258	3/4	125,720	3/4	135,143	3/4	144,535	3/4		3/4		3/4		3/4		3/4	
2	106,565	2	116,456	2	125,916	2	135,339	2	144,729	2		2		2		2		2	
1/4	106,789	1/4	116,653	1/4	126,113	1/4	135,536	1/4	144,933	1/4		1/4		1/4		1/4		1/4	
1/2	107,013	1/2	116,850	1/2	126,310	1/2	135,733	1/2	145,136	1/2		1/2		1/2		1/2		1/2	
3/4	107,237	3/4	117,047	3/4	126,506	3/4	135,929	3/4	145,340	3/4		3/4		3/4		3/4		3/4	
3	107,461	3	117,244	3	126,703	3	136,126	3	145,543	3		3		3		3		3	
1/4	107,685	1/4	117,442	1/4	126,900	1/4	136,323	1/4	145,709	1/4		1/4		1/4		1/4		1/4	
1/2	107,910	1/2	117,639	1/2	127,096	1/2	136,519	1/2	145,875	1/2		1/2		1/2		1/2		1/2	
3/4	108,134	3/4	117,836	3/4	127,293	3/4	136,716	3/4	146,041	3/4		3/4		3/4		3/4		3/4	
4	108,358	4	118,033	4	127,490	4	136,913	4	146,207	4		4		4		4		4	
1/4	108,582	1/4	118,230	1/4	127,686	1/4	137,109	1/4	146,336	1/4		1/4		1/4		1/4		1/4	
1/2	108,806	1/2	118,427	1/2	127,883	1/2	137,306	1/2	146,464	1/2		1/2		1/2		1/2		1/2	
3/4	109,030	3/4	118,625	3/4	128,080	3/4	137,503	3/4	146,593	3/4		3/4		3/4		3/4		3/4	
5	109,254	5	118,822	5	128,276	5	137,699	5	146,722	5		5		5		5		5	
1/4	109,478	1/4	119,019	1/4	128,473	1/4	137,896	1/4	146,813	1/4		1/4		1/4		1/4		1/4	
1/2	109,703	1/2	119,216	1/2	128,670	1/2	138,093	1/2	146,904	1/2		1/2		1/2		1/2		1/2	
3/4	109,927	3/4	119,413	3/4	128,866	3/4	138,289	3/4	146,995	3/4		3/4		3/4		3/4		3/4	
6	110,151	6	119,611	6	129,063	6	138,486	6	147,086	6		6		6		6		6	
1/4	110,348	1/4	119,808	1/4	129,259	1/4	138,683	1/4	147,139	1/4		1/4		1/4		1/4		1/4	
1/2	110,545	1/2	120,005	1/2	129,455	1/2	138,879	1/2	147,193	1/2		1/2		1/2		1/2		1/2	
3/4	110,742	3/4	120,202	3/4	129,651	3/4	139,076	3/4	147,246	3/4		3/4		3/4		3/4		3/4	
7	110,939	7	120,399	7	129,847	7	139,273	7	147,300	7		7		7		7		7	
1/4	111,136	1/4	120,597	1/4	130,043	1/4	139,469	1/4	147,316	1/4		1/4		1/4		1/4		1/4	
1/2	111,333	1/2	120,794	1/2	130,239	1/2	139,666	1/2	147,332	1/2		1/2		1/2		1/2		1/2	
3/4	111,530	3/4	120,991	3/4	130,435	3/4	139,863	3/4	147,348	3/4		3/4		3/4		3/4		3/4	
8	111,727	8	121,188	8	130,631	8	140,059	8	147,364	8		8		8		8		8	
1/4	111,924	1/4	121,385	1/4	130,827	1/4	140,254	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,121	1/2	121,582	1/2	131,023	1/2	140,448	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,317	3/4	121,780	3/4	131,219	3/4	140,643	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,514	9	121,977	9	131,415	9	140,838	9		9		9		9		9		9	
1/4	112,711	1/4	122,174	1/4	131,610	1/4	141,032	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,908	1/2	122,371	1/2	131,806	1/2	141,227	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,105	3/4	122,568	3/4	132,002	3/4	141,421	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,302	10	122,766	10	132,198	10	141,616	10		10		10		10		10		10	
1/4	113,499	1/4	122,963	1/4	132,394	1/4	141,811	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,696	1/2	123,160	1/2	132,590	1/2	142,005	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,893	3/4	123,357	3/4	132,786	3/4	142,200	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,090	11	123,554	11	132,982	11	142,394	11		11		11		11		11		11	
1/4	114,287	1/4	123,752	1/4	133,178	1/4	142,589	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,484	1/2	123,949	1/2	133,374	1/2	142,783	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,681	3/4	124,146	3/4	133,570	3/4	142,978	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/09/2015 SW
CALCULATED: 04/09/2015 CL
PRINTED: 04/09/2015 CL

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015



BARGE "CBC 1380"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8

(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"

April 9, 2015

PRECISION MEASUREMENT
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 Pearland, Texas 77588

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BARGE "CBC 1380"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	151,790	0	143,690	0	133,014	0	122,318	0	111,583	0	100,848	0	90,114	0	79,378
1/4	1/4	1/4	1/4	1/4	151,775	1/4	143,668	1/4	132,992	1/4	122,094	1/4	111,359	1/4	100,625	1/4	89,890	1/4	79,155
1/2	1/2	1/2	1/2	1/2	151,759	1/2	143,245	1/2	132,569	1/2	121,870	1/2	111,136	1/2	100,401	1/2	89,666	1/2	78,931
3/4	3/4	3/4	3/4	3/4	151,744	3/4	143,023	3/4	132,347	3/4	121,647	3/4	110,912	3/4	100,177	3/4	89,443	3/4	78,707
1	1	1	1	1	151,692	1	142,800	1	132,125	1	121,423	1	110,688	1	99,954	1	89,219	1	78,484
1/4	1/4	1/4	1/4	1/4	151,639	1/4	142,578	1/4	131,902	1/4	121,199	1/4	110,465	1/4	99,730	1/4	88,995	1/4	78,260
1/2	1/2	1/2	1/2	1/2	151,586	1/2	142,356	1/2	131,680	1/2	120,976	1/2	110,241	1/2	99,506	1/2	88,772	1/2	78,036
3/4	3/4	3/4	3/4	3/4	151,534	3/4	142,133	3/4	131,457	3/4	120,752	3/4	110,017	3/4	99,283	3/4	88,548	3/4	77,813
2	2	2	2	2	151,444	2	141,911	2	131,235	2	120,528	2	109,794	2	99,059	2	88,325	2	77,589
1/4	1/4	1/4	1/4	1/4	151,354	1/4	141,688	1/4	131,013	1/4	120,305	1/4	109,570	1/4	98,836	1/4	88,101	1/4	77,365
1/2	1/2	1/2	1/2	1/2	151,264	1/2	141,466	1/2	130,790	1/2	120,081	1/2	109,347	1/2	98,612	1/2	87,877	1/2	77,142
3/4	3/4	3/4	3/4	3/4	151,174	3/4	141,243	3/4	130,568	3/4	119,858	3/4	109,123	3/4	98,388	3/4	87,654	3/4	76,918
3	3	3	3	3	151,047	3	141,021	3	130,345	3	119,634	3	108,899	3	98,165	3	87,430	3	76,694
1/4	1/4	1/4	1/4	1/4	150,920	1/4	140,799	1/4	130,123	1/4	119,410	1/4	108,676	1/4	97,941	1/4	87,206	1/4	76,471
1/2	1/2	1/2	1/2	1/2	150,793	1/2	140,576	1/2	129,900	1/2	119,187	1/2	108,452	1/2	97,717	1/2	86,983	1/2	76,247
3/4	3/4	3/4	3/4	3/4	150,666	3/4	140,354	3/4	129,678	3/4	118,963	3/4	108,228	3/4	97,494	3/4	86,759	3/4	76,023
4	4	4	4	4	150,501	4	140,131	4	129,456	4	118,739	4	108,005	4	97,270	4	86,535	4	75,800
1/4	1/4	1/4	1/4	1/4	150,337	1/4	139,909	1/4	129,233	1/4	118,516	1/4	107,781	1/4	97,046	1/4	86,312	1/4	75,576
1/2	1/2	1/2	1/2	1/2	150,172	1/2	139,687	1/2	129,011	1/2	118,292	1/2	107,557	1/2	96,823	1/2	86,088	1/2	75,352
3/4	3/4	3/4	3/4	3/4	150,008	3/4	139,464	3/4	128,788	3/4	118,068	3/4	107,334	3/4	96,599	3/4	85,865	3/4	75,129
5	5	5	5	5	149,806	5	139,242	5	128,566	5	117,845	5	107,110	5	96,376	5	85,641	5	74,905
1/4	1/4	1/4	1/4	1/4	149,604	1/4	139,019	1/4	128,344	1/4	117,621	1/4	106,887	1/4	96,152	1/4	85,417	1/4	74,681
1/2	1/2	1/2	1/2	1/2	149,403	1/2	138,797	1/2	128,121	1/2	117,398	1/2	106,663	1/2	95,928	1/2	85,194	1/2	74,458
3/4	3/4	3/4	3/4	3/4	149,201	3/4	138,575	3/4	127,899	3/4	117,174	3/4	106,439	3/4	95,705	3/4	84,970	3/4	74,234
6	6	6	6	6	148,981	6	138,352	6	127,676	6	116,950	6	106,216	6	95,481	6	84,746	6	74,010
1/4	1/4	1/4	1/4	1/4	148,760	1/4	138,130	1/4	127,454	1/4	116,727	1/4	105,992	1/4	95,257	1/4	84,523	1/4	73,786
1/2	1/2	1/2	1/2	1/2	148,540	1/2	137,907	1/2	127,232	1/2	116,503	1/2	105,768	1/2	95,034	1/2	84,299	1/2	73,563
3/4	3/4	3/4	3/4	3/4	148,320	3/4	137,685	3/4	127,009	3/4	116,279	3/4	105,545	3/4	94,810	3/4	84,075	3/4	73,339
7	7	7	7	7	148,099	7	137,462	7	126,787	7	116,056	7	105,321	7	94,586	7	83,852	7	73,115
1/4	1/4	1/4	1/4	1/4	147,879	1/4	137,240	1/4	126,564	1/4	115,832	1/4	105,097	1/4	94,363	1/4	83,628	1/4	72,892
1/2	1/2	1/2	1/2	1/2	147,658	1/2	137,018	1/2	126,342	1/2	115,608	1/2	104,874	1/2	94,139	1/2	83,405	1/2	72,668
3/4	3/4	3/4	3/4	3/4	147,438	3/4	136,795	3/4	126,119	3/4	115,385	3/4	104,650	3/4	93,916	3/4	83,181	3/4	72,444
8	8	8	8	8	147,218	8	136,573	8	125,896	8	115,161	8	104,427	8	93,692	8	82,957	8	72,221
1/4	1/4	1/4	1/4	1/4	146,997	1/4	136,350	1/4	125,672	1/4	114,938	1/4	104,203	1/4	93,468	1/4	82,734	1/4	71,997
1/2	1/2	1/2	1/2	1/2	146,777	1/2	136,128	1/2	125,449	1/2	114,714	1/2	103,979	1/2	93,245	1/2	82,510	1/2	71,773
3/4	3/4	3/4	3/4	3/4	146,557	3/4	135,906	3/4	125,225	3/4	114,490	3/4	103,756	3/4	93,021	3/4	82,286	3/4	71,550
9	9	9	9	9	146,336	9	135,683	9	125,001	9	114,267	9	103,532	9	92,797	9	82,063	9	71,326
1/4	1/4	1/4	1/4	1/4	146,116	1/4	135,461	1/4	124,778	1/4	114,043	1/4	103,308	1/4	92,574	1/4	81,839	1/4	71,102
1/2	1/2	1/2	1/2	1/2	145,896	1/2	135,238	1/2	124,554	1/2	113,819	1/2	103,085	1/2	92,350	1/2	81,615	1/2	70,879
3/4	3/4	3/4	3/4	3/4	145,675	3/4	135,016	3/4	124,330	3/4	113,596	3/4	102,861	3/4	92,126	3/4	81,391	3/4	70,655
10	10	10	10	10	145,455	10	134,794	10	124,107	10	113,372	10	102,637	10	91,903	10	81,168	10	70,431
1/4	1/4	1/4	1/4	1/4	145,235	1/4	134,571	1/4	123,883	1/4	113,148	1/4	102,414	1/4	91,679	1/4	80,944	1/4	70,208
1/2	1/2	1/2	1/2	1/2	145,014	1/2	134,349	1/2	123,659	1/2	112,925	1/2	102,190	1/2	91,456	1/2	80,720	1/2	69,984
3/4	3/4	3/4	3/4	3/4	144,794	3/4	134,126	3/4	123,436	3/4	112,701	3/4	101,967	3/4	91,232	3/4	80,497	3/4	69,760
11	11	11	11	11	144,573	11	133,904	11	123,212	11	112,478	11	101,743	11	91,008	11	80,273	11	69,537
1/4	1/4	1/4	1/4	1/4	144,353	1/4	133,681	1/4	122,989	1/4	112,254	1/4	101,519	1/4	90,785	1/4	80,049	1/4	69,313
1/2	1/2	1/2	1/2	1/2	144,133	1/2	133,459	1/2	122,765	1/2	112,030	1/2	101,296	1/2	90,561	1/2	79,826	1/2	69,089
3/4	3/4	3/4	3/4	3/4	151,805	3/4	143,912	3/4	133,237	3/4	122,541	3/4	111,807	3/4	101,072	3/4	79,602	3/4	68,866

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'-6" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1380"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	68,642	0	57,905	0	47,169	0	36,433	0	25,719	0	14,986	0	4,261	0		0		0	
1/4	68,418	1/4	57,682	1/4	46,945	1/4	36,209	1/4	25,496	1/4	14,762	1/4	4,040	1/4		1/4		1/4	
1/2	68,195	1/2	57,458	1/2	46,722	1/2	35,985	1/2	25,273	1/2	14,539	1/2	3,819	1/2		1/2		1/2	
3/4	67,971	3/4	57,234	3/4	46,498	3/4	35,762	3/4	25,050	3/4	14,315	3/4	3,598	3/4		3/4		3/4	
1	67,747	1	57,011	1	46,274	1	35,538	1	24,826	1	14,091	1	3,379	1		1		1	
1/4	67,524	1/4	56,787	1/4	46,051	1/4	35,314	1/4	24,603	1/4	13,868	1/4	3,159	1/4		1/4		1/4	
1/2	67,300	1/2	56,563	1/2	45,827	1/2	35,091	1/2	24,380	1/2	13,644	1/2	2,940	1/2		1/2		1/2	
3/4	67,076	3/4	56,340	3/4	45,603	3/4	34,867	3/4	24,156	3/4	13,420	3/4	2,721	3/4		3/4		3/4	
2	66,853	2	56,116	2	45,380	2	34,643	2	23,933	2	13,197	2	2,516	2		2		2	
1/4	66,629	1/4	55,892	1/4	45,156	1/4	34,419	1/4	23,709	1/4	12,973	1/4	2,312	1/4		1/4		1/4	
1/2	66,405	1/2	55,669	1/2	44,932	1/2	34,196	1/2	23,485	1/2	12,749	1/2	2,108	1/2		1/2		1/2	
3/4	66,181	3/4	55,445	3/4	44,709	3/4	33,972	3/4	23,262	3/4	12,526	3/4	1,903	3/4		3/4		3/4	
3	65,958	3	55,221	3	44,485	3	33,748	3	23,038	3	12,302	3	1,735	3		3		3	
1/4	65,734	1/4	54,998	1/4	44,261	1/4	33,525	1/4	22,814	1/4	12,078	1/4	1,568	1/4		1/4		1/4	
1/2	65,510	1/2	54,774	1/2	44,038	1/2	33,301	1/2	22,591	1/2	11,855	1/2	1,400	1/2		1/2		1/2	
3/4	65,287	3/4	54,550	3/4	43,814	3/4	33,077	3/4	22,367	3/4	11,631	3/4	1,232	3/4		3/4		3/4	
4	65,063	4	54,327	4	43,590	4	32,854	4	22,143	4	11,407	4	1,102	4		4		4	
1/4	64,839	1/4	54,103	1/4	43,367	1/4	32,632	1/4	21,920	1/4	11,184	1/4	971	1/4		1/4		1/4	
1/2	64,616	1/2	53,879	1/2	43,143	1/2	32,409	1/2	21,696	1/2	10,960	1/2	841	1/2		1/2		1/2	
3/4	64,392	3/4	53,656	3/4	42,919	3/4	32,186	3/4	21,472	3/4	10,736	3/4	710	3/4		3/4		3/4	
5	64,168	5	53,432	5	42,695	5	31,963	5	21,249	5	10,513	5	617	5		5		5	
1/4	63,945	1/4	53,208	1/4	42,472	1/4	31,740	1/4	21,025	1/4	10,289	1/4	524	1/4		1/4		1/4	
1/2	63,721	1/2	52,985	1/2	42,248	1/2	31,517	1/2	20,801	1/2	10,065	1/2	431	1/2		1/2		1/2	
3/4	63,497	3/4	52,761	3/4	42,024	3/4	31,294	3/4	20,578	3/4	9,842	3/4	338	3/4		3/4		3/4	
6	63,274	6	52,537	6	41,801	6	31,071	6	20,354	6	9,618	6	282	6		6		6	
1/4	63,050	1/4	52,314	1/4	41,577	1/4	30,848	1/4	20,130	1/4	9,394	1/4	226	1/4		1/4		1/4	
1/2	62,826	1/2	52,090	1/2	41,353	1/2	30,625	1/2	19,907	1/2	9,171	1/2	170	1/2		1/2		1/2	
3/4	62,603	3/4	51,866	3/4	41,130	3/4	30,402	3/4	19,683	3/4	8,947	3/4	114	3/4		3/4		3/4	
7	62,379	7	51,643	7	40,906	7	30,179	7	19,459	7	8,723	7	95	7		7		7	
1/4	62,155	1/4	51,419	1/4	40,682	1/4	29,956	1/4	19,236	1/4	8,500	1/4	77	1/4		1/4		1/4	
1/2	61,932	1/2	51,195	1/2	40,459	1/2	29,733	1/2	19,012	1/2	8,276	1/2	58	1/2		1/2		1/2	
3/4	61,708	3/4	50,972	3/4	40,235	3/4	29,510	3/4	18,788	3/4	8,052	3/4	39	3/4		3/4		3/4	
8	61,484	8	50,748	8	40,011	8	29,287	8	18,565	8	7,829	8		8		8		8	
1/4	61,261	1/4	50,524	1/4	39,788	1/4	29,064	1/4	18,341	1/4	7,605	1/4		1/4		1/4		1/4	
1/2	61,037	1/2	50,300	1/2	39,564	1/2	28,841	1/2	18,117	1/2	7,381	1/2		1/2		1/2		1/2	
3/4	60,813	3/4	50,077	3/4	39,340	3/4	28,618	3/4	17,894	3/4	7,158	3/4		3/4		3/4		3/4	
9	60,590	9	49,853	9	39,117	9	28,395	9	17,670	9	6,934	9		9		9		9	
1/4	60,366	1/4	49,629	1/4	38,893	1/4	28,172	1/4	17,446	1/4	6,711	1/4		1/4		1/4		1/4	
1/2	60,142	1/2	49,406	1/2	38,669	1/2	27,949	1/2	17,223	1/2	6,487	1/2		1/2		1/2		1/2	
3/4	59,919	3/4	49,182	3/4	38,446	3/4	27,726	3/4	16,999	3/4	6,264	3/4		3/4		3/4		3/4	
10	59,695	10	48,958	10	38,222	10	27,503	10	16,775	10	6,041	10		10		10		10	
1/4	59,471	1/4	48,735	1/4	37,998	1/4	27,281	1/4	16,552	1/4	5,818	1/4		1/4		1/4		1/4	
1/2	59,248	1/2	48,511	1/2	37,775	1/2	27,058	1/2	16,328	1/2	5,595	1/2		1/2		1/2		1/2	
3/4	59,024	3/4	48,287	3/4	37,551	3/4	26,835	3/4	16,104	3/4	5,372	3/4		3/4		3/4		3/4	
11	58,800	11	48,064	11	37,327	11	26,612	11	15,881	11	5,149	11		11		11		11	
1/4	58,577	1/4	47,840	1/4	37,104	1/4	26,389	1/4	15,657	1/4	4,927	1/4		1/4		1/4		1/4	
1/2	58,353	1/2	47,616	1/2	36,880	1/2	26,166	1/2	15,433	1/2	4,705	1/2		1/2		1/2		1/2	
3/4	58,129	3/4	47,393	3/4	36,656	3/4	25,943	3/4	15,210	3/4	4,482	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/09/2015 SW
CALCULATED: 04/09/2015 CL
PRINTED: 04/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1380"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	170,247	0	161,630	0	149,641	0	137,629	0	125,572	0	113,514	0	101,456	0	89,397
1/4	1/4	1/4	1/4	1/4	170,247	1/4	161,382	1/4	149,391	1/4	137,378	1/4	125,320	1/4	113,262	1/4	101,204	1/4	89,146
1/2	1/2	1/2	1/2	1/2	170,230	1/2	161,133	1/2	149,142	1/2	137,127	1/2	125,069	1/2	113,011	1/2	100,953	1/2	88,895
3/4	3/4	3/4	3/4	3/4	170,213	3/4	160,883	3/4	148,892	3/4	136,876	3/4	124,818	3/4	112,760	3/4	100,702	3/4	88,643
1	1	1	1	1	170,196	1	160,633	1	148,642	1	136,625	1	124,567	1	112,509	1	100,451	1	88,392
1/4	1/4	1/4	1/4	1/4	170,179	1/4	160,383	1/4	148,392	1/4	136,373	1/4	124,315	1/4	112,258	1/4	100,200	1/4	88,141
1/2	1/2	1/2	1/2	1/2	170,120	1/2	160,133	1/2	148,142	1/2	136,122	1/2	124,064	1/2	112,006	1/2	99,948	1/2	87,890
3/4	3/4	3/4	3/4	3/4	170,061	3/4	159,884	3/4	147,893	3/4	135,871	3/4	123,813	3/4	111,755	3/4	99,697	3/4	87,638
2	2	2	2	2	170,002	2	159,634	2	147,643	2	135,620	2	123,562	2	111,504	2	99,446	2	87,387
1/4	1/4	1/4	1/4	1/4	169,942	1/4	159,384	1/4	147,393	1/4	135,369	1/4	123,311	1/4	111,253	1/4	99,195	1/4	87,136
1/2	1/2	1/2	1/2	1/2	169,842	1/2	159,134	1/2	147,143	1/2	135,117	1/2	123,059	1/2	111,002	1/2	98,944	1/2	86,885
3/4	3/4	3/4	3/4	3/4	169,741	3/4	158,884	3/4	146,893	3/4	134,866	3/4	122,808	3/4	110,750	3/4	98,692	3/4	86,633
3	3	3	3	3	169,640	3	158,634	3	146,644	3	134,615	3	122,557	3	110,499	3	98,441	3	86,382
1/4	1/4	1/4	1/4	1/4	169,539	1/4	158,385	1/4	146,394	1/4	134,364	1/4	122,306	1/4	110,248	1/4	98,190	1/4	86,131
1/2	1/2	1/2	1/2	1/2	169,396	1/2	158,135	1/2	146,144	1/2	134,113	1/2	122,055	1/2	109,997	1/2	97,939	1/2	85,880
3/4	3/4	3/4	3/4	3/4	169,253	3/4	157,885	3/4	145,894	3/4	133,861	3/4	121,803	3/4	109,745	3/4	97,688	3/4	85,628
4	4	4	4	4	169,110	4	157,635	4	145,644	4	133,610	4	121,552	4	109,494	4	97,436	4	85,377
1/4	1/4	1/4	1/4	1/4	168,967	1/4	157,385	1/4	145,395	1/4	133,359	1/4	121,301	1/4	109,243	1/4	97,185	1/4	85,126
1/2	1/2	1/2	1/2	1/2	168,783	1/2	157,136	1/2	145,145	1/2	133,108	1/2	121,050	1/2	108,992	1/2	96,934	1/2	84,875
3/4	3/4	3/4	3/4	3/4	168,598	3/4	156,886	3/4	144,895	3/4	132,857	3/4	120,799	3/4	108,741	3/4	96,683	3/4	84,623
5	5	5	5	5	168,413	5	156,636	5	144,645	5	132,605	5	120,547	5	108,489	5	96,432	5	84,372
1/4	1/4	1/4	1/4	1/4	168,229	1/4	156,386	1/4	144,395	1/4	132,354	1/4	120,296	1/4	108,238	1/4	96,180	1/4	84,121
1/2	1/2	1/2	1/2	1/2	168,002	1/2	156,136	1/2	144,145	1/2	132,103	1/2	120,045	1/2	107,987	1/2	95,929	1/2	83,870
3/4	3/4	3/4	3/4	3/4	167,776	3/4	155,887	3/4	143,896	3/4	131,852	3/4	119,794	3/4	107,736	3/4	95,678	3/4	83,618
6	6	6	6	6	167,549	6	155,637	6	143,646	6	131,600	6	119,543	6	107,485	6	95,427	6	83,367
1/4	1/4	1/4	1/4	1/4	167,322	1/4	155,387	1/4	143,396	1/4	131,349	1/4	119,291	1/4	107,233	1/4	95,176	1/4	83,116
1/2	1/2	1/2	1/2	1/2	167,075	1/2	155,137	1/2	143,146	1/2	131,098	1/2	119,040	1/2	106,982	1/2	94,924	1/2	82,865
3/4	3/4	3/4	3/4	3/4	166,827	3/4	154,887	3/4	142,896	3/4	130,847	3/4	118,789	3/4	106,731	3/4	94,673	3/4	82,613
7	7	7	7	7	166,580	7	154,638	7	142,647	7	130,596	7	118,538	7	106,480	7	94,422	7	82,362
1/4	1/4	1/4	1/4	1/4	166,332	1/4	154,388	1/4	142,397	1/4	130,344	1/4	118,287	1/4	106,229	1/4	94,171	1/4	82,111
1/2	1/2	1/2	1/2	1/2	166,085	1/2	154,138	1/2	142,147	1/2	130,093	1/2	118,035	1/2	105,977	1/2	93,919	1/2	81,860
3/4	3/4	3/4	3/4	3/4	165,837	3/4	153,888	3/4	141,897	3/4	129,842	3/4	117,784	3/4	105,726	3/4	93,668	3/4	81,608
8	8	8	8	8	165,590	8	153,638	8	141,647	8	129,591	8	117,533	8	105,475	8	93,417	8	81,357
1/4	1/4	1/4	1/4	1/4	165,342	1/4	153,388	1/4	141,398	1/4	129,340	1/4	117,282	1/4	105,224	1/4	93,166	1/4	81,106
1/2	1/2	1/2	1/2	1/2	165,095	1/2	153,139	1/2	141,146	1/2	129,088	1/2	117,030	1/2	104,973	1/2	92,915	1/2	80,855
3/4	3/4	3/4	3/4	3/4	164,847	3/4	152,889	3/4	140,895	3/4	128,837	3/4	116,779	3/4	104,721	3/4	92,663	3/4	80,603
9	9	9	9	9	164,600	9	152,639	9	140,644	9	128,586	9	116,528	9	104,470	9	92,412	9	80,352
1/4	1/4	1/4	1/4	1/4	164,352	1/4	152,389	1/4	140,393	1/4	128,335	1/4	116,277	1/4	104,219	1/4	92,161	1/4	80,101
1/2	1/2	1/2	1/2	1/2	164,105	1/2	152,139	1/2	140,142	1/2	128,084	1/2	116,026	1/2	103,968	1/2	91,910	1/2	79,850
3/4	3/4	3/4	3/4	3/4	163,857	3/4	151,890	3/4	139,890	3/4	127,832	3/4	115,774	3/4	103,717	3/4	91,658	3/4	79,598
10	10	10	10	10	163,610	10	151,640	10	139,639	10	127,581	10	115,523	10	103,465	10	91,407	10	79,347
1/4	1/4	1/4	1/4	1/4	163,362	1/4	151,390	1/4	139,388	1/4	127,330	1/4	115,272	1/4	103,214	1/4	91,156	1/4	79,096
1/2	1/2	1/2	1/2	1/2	163,115	1/2	151,140	1/2	139,137	1/2	127,079	1/2	115,021	1/2	102,963	1/2	90,905	1/2	78,845
3/4	3/4	3/4	3/4	3/4	162,867	3/4	150,890	3/4	138,885	3/4	126,828	3/4	114,770	3/4	102,712	3/4	90,653	3/4	78,593
11	11	11	11	11	162,620	11	150,641	11	138,634	11	126,576	11	114,518	11	102,461	11	90,402	11	78,342
1/4	1/4	1/4	1/4	1/4	162,372	1/4	150,391	1/4	138,383	1/4	126,325	1/4	114,267	1/4	102,209	1/4	90,151	1/4	78,091
1/2	1/2	1/2	1/2	1/2	162,125	1/2	150,141	1/2	138,132	1/2	126,074	1/2	114,016	1/2	101,958	1/2	89,900	1/2	77,840
3/4	3/4	3/4	3/4	3/4	161,877	3/4	149,891	3/4	137,881	3/4	125,823	3/4	113,765	3/4	101,707	3/4	89,648	3/4	77,588

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 30'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1380"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	77,337	0	65,277	0	53,217	0	41,157	0	29,355	0	17,331	0	5,280	0					
1/4	77,086	1/4	65,026	1/4	52,966	1/4	40,906	1/4	29,111	1/4	17,080	1/4	5,030	1/4					
1/2	76,835	1/2	64,775	1/2	52,715	1/2	40,655	1/2	28,867	1/2	16,828	1/2	4,782	1/2					
3/4	76,583	3/4	64,523	3/4	52,463	3/4	40,403	3/4	28,623	3/4	16,577	3/4	4,533	3/4					
1	76,332	1	64,272	1	52,212	1	40,152	1	28,378	1	16,326	1	4,285	1					
1/4	76,081	1/4	64,021	1/4	51,961	1/4	39,901	1/4	28,134	1/4	16,075	1/4	4,036	1/4					
1/2	75,830	1/2	63,770	1/2	51,710	1/2	39,650	1/2	27,883	1/2	15,823	1/2	3,790	1/2					
3/4	75,578	3/4	63,518	3/4	51,458	3/4	39,398	3/4	27,632	3/4	15,572	3/4	3,544	3/4					
2	75,327	2	63,267	2	51,207	2	39,147	2	27,381	2	15,321	2	3,298	2					
1/4	75,076	1/4	63,016	1/4	50,956	1/4	38,896	1/4	27,129	1/4	15,070	1/4	3,051	1/4					
1/2	74,825	1/2	62,765	1/2	50,705	1/2	38,645	1/2	26,878	1/2	14,819	1/2	2,822	1/2					
3/4	74,573	3/4	62,513	3/4	50,453	3/4	38,393	3/4	26,627	3/4	14,567	3/4	2,592	3/4					
3	74,322	3	62,262	3	50,202	3	38,142	3	26,376	3	14,316	3	2,362	3					
1/4	74,071	1/4	62,011	1/4	49,951	1/4	37,891	1/4	26,124	1/4	14,065	1/4	2,133	1/4					
1/2	73,820	1/2	61,760	1/2	49,700	1/2	37,647	1/2	25,873	1/2	13,814	1/2	1,944	1/2					
3/4	73,568	3/4	61,508	3/4	49,448	3/4	37,402	3/4	25,622	3/4	13,562	3/4	1,756	3/4					
4	73,317	4	61,257	4	49,197	4	37,158	4	25,371	4	13,311	4	1,568	4					
1/4	73,066	1/4	61,006	1/4	48,946	1/4	36,914	1/4	25,119	1/4	13,060	1/4	1,379	1/4					
1/2	72,815	1/2	60,755	1/2	48,695	1/2	36,670	1/2	24,868	1/2	12,809	1/2	1,233	1/2					
3/4	72,563	3/4	60,503	3/4	48,443	3/4	36,426	3/4	24,617	3/4	12,557	3/4	1,086	3/4					
5	72,312	5	60,252	5	48,192	5	36,182	5	24,366	5	12,306	5	939	5					
1/4	72,061	1/4	60,001	1/4	47,941	1/4	35,939	1/4	24,114	1/4	12,055	1/4	793	1/4					
1/2	71,810	1/2	59,750	1/2	47,690	1/2	35,695	1/2	23,863	1/2	11,804	1/2	688	1/2					
3/4	71,558	3/4	59,498	3/4	47,438	3/4	35,451	3/4	23,612	3/4	11,552	3/4	584	3/4					
6	71,307	6	59,247	6	47,187	6	35,207	6	23,361	6	11,301	6	479	6					
1/4	71,056	1/4	58,996	1/4	46,936	1/4	34,963	1/4	23,109	1/4	11,050	1/4	374	1/4					
1/2	70,805	1/2	58,745	1/2	46,685	1/2	34,719	1/2	22,858	1/2	10,799	1/2	311	1/2					
3/4	70,553	3/4	58,493	3/4	46,433	3/4	34,476	3/4	22,607	3/4	10,547	3/4	249	3/4					
7	70,302	7	58,242	7	46,182	7	34,232	7	22,356	7	10,296	7	186	7					
1/4	70,051	1/4	57,991	1/4	45,931	1/4	33,988	1/4	22,104	1/4	10,045	1/4	123	1/4					
1/2	69,800	1/2	57,740	1/2	45,680	1/2	33,744	1/2	21,853	1/2	9,794	1/2	102	1/2					
3/4	69,548	3/4	57,488	3/4	45,428	3/4	33,500	3/4	21,602	3/4	9,542	3/4	81	3/4					
8	69,297	8	57,237	8	45,177	8	33,256	8	21,351	8	9,291	8	60	8					
1/4	69,046	1/4	56,986	1/4	44,926	1/4	33,013	1/4	21,100	1/4	9,040	1/4	39	1/4					
1/2	68,795	1/2	56,735	1/2	44,675	1/2	32,769	1/2	20,848	1/2	8,789	1/2		1/2					
3/4	68,543	3/4	56,483	3/4	44,423	3/4	32,525	3/4	20,597	3/4	8,538	3/4		3/4					
9	68,292	9	56,232	9	44,172	9	32,281	9	20,346	9	8,286	9		9					
1/4	68,041	1/4	55,981	1/4	43,921	1/4	32,037	1/4	20,095	1/4	8,035	1/4		1/4					
1/2	67,790	1/2	55,730	1/2	43,670	1/2	31,793	1/2	19,843	1/2	7,784	1/2		1/2					
3/4	67,538	3/4	55,478	3/4	43,418	3/4	31,549	3/4	19,592	3/4	7,533	3/4		3/4					
10	67,287	10	55,227	10	43,167	10	31,306	10	19,341	10	7,282	10		10					
1/4	67,036	1/4	54,976	1/4	42,916	1/4	31,062	1/4	19,090	1/4	7,031	1/4		1/4					
1/2	66,785	1/2	54,725	1/2	42,665	1/2	30,818	1/2	18,838	1/2	6,780	1/2		1/2					
3/4	66,533	3/4	54,473	3/4	42,413	3/4	30,574	3/4	18,587	3/4	6,530	3/4		3/4					
11	66,282	11	54,222	11	42,162	11	30,330	11	18,336	11	6,279	11		11					
1/4	66,031	1/4	53,971	1/4	41,911	1/4	30,086	1/4	18,085	1/4	6,029	1/4		1/4					
1/2	65,780	1/2	53,720	1/2	41,660	1/2	29,843	1/2	17,833	1/2	5,779	1/2		1/2					
3/4	65,528	3/4	53,468	3/4	41,408	3/4	29,599	3/4	17,582	3/4	5,529	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/09/2015 SW
CALCULATED: 04/09/2015 CL
PRINTED: 04/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1380"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	147,300	0	139,273	0	129,847	0	120,399	0	110,939	0	100,284	0	89,514	0	78,743
1/4	1/4	1/4	1/4	1/4	147,246	1/4	139,076	1/4	129,651	1/4	120,202	1/4	110,742	1/4	100,060	1/4	89,290	1/4	78,519
1/2	1/2	1/2	1/2	1/2	147,193	1/2	138,879	1/2	129,455	1/2	120,005	1/2	110,545	1/2	99,835	1/2	89,065	1/2	78,294
3/4	3/4	3/4	3/4	3/4	147,139	3/4	138,683	3/4	129,259	3/4	119,808	3/4	110,348	3/4	99,611	3/4	88,841	3/4	78,070
1	1	1	1	1	147,086	1	138,486	1	129,063	1	119,611	1	110,151	1	99,387	1	88,616	1	77,846
1/4	1/4	1/4	1/4	1/4	146,995	1/4	138,289	1/4	128,866	1/4	119,413	1/4	109,927	1/4	99,162	1/4	88,392	1/4	77,621
1/2	1/2	1/2	1/2	1/2	146,904	1/2	138,093	1/2	128,670	1/2	119,216	1/2	109,703	1/2	98,938	1/2	88,168	1/2	77,397
3/4	3/4	3/4	3/4	3/4	146,813	3/4	137,896	3/4	128,473	3/4	119,019	3/4	109,478	3/4	98,713	3/4	87,943	3/4	77,172
2	2	2	2	2	146,722	2	137,699	2	128,276	2	118,822	2	109,254	2	98,489	2	87,719	2	76,948
1/4	1/4	1/4	1/4	1/4	146,593	1/4	137,503	1/4	128,080	1/4	118,625	1/4	109,030	1/4	98,265	1/4	87,495	1/4	76,724
1/2	1/2	1/2	1/2	1/2	146,464	1/2	137,306	1/2	127,883	1/2	118,427	1/2	108,806	1/2	98,040	1/2	87,270	1/2	76,501
3/4	3/4	3/4	3/4	3/4	146,336	3/4	137,109	3/4	127,686	3/4	118,230	3/4	108,582	3/4	97,816	3/4	87,046	3/4	76,277
3	3	3	3	3	146,207	3	136,913	3	127,490	3	118,033	3	108,358	3	97,592	3	86,821	3	76,053
1/4	1/4	1/4	1/4	1/4	146,041	1/4	136,716	1/4	127,293	1/4	117,836	1/4	108,134	1/4	97,367	1/4	86,597	1/4	75,830
1/2	1/2	1/2	1/2	1/2	145,875	1/2	136,519	1/2	127,096	1/2	117,639	1/2	107,910	1/2	97,143	1/2	86,373	1/2	75,607
3/4	3/4	3/4	3/4	3/4	145,709	3/4	136,323	3/4	126,900	3/4	117,442	3/4	107,685	3/4	96,918	3/4	86,148	3/4	75,384
4	4	4	4	4	145,543	4	136,126	4	126,703	4	117,244	4	107,461	4	96,694	4	85,924	4	75,161
1/4	1/4	1/4	1/4	1/4	145,340	1/4	135,929	1/4	126,506	1/4	117,047	1/4	107,237	1/4	96,470	1/4	85,700	1/4	74,938
1/2	1/2	1/2	1/2	1/2	145,136	1/2	135,733	1/2	126,310	1/2	116,850	1/2	107,013	1/2	96,245	1/2	85,475	1/2	74,716
3/4	3/4	3/4	3/4	3/4	144,933	3/4	135,536	3/4	126,113	3/4	116,653	3/4	106,789	3/4	96,021	3/4	85,251	3/4	74,493
5	5	5	5	5	144,729	5	135,339	5	125,916	5	116,456	5	106,565	5	95,797	5	85,026	5	74,270
1/4	1/4	1/4	1/4	1/4	144,535	1/4	135,143	1/4	125,720	1/4	116,258	1/4	106,341	1/4	95,572	1/4	84,802	1/4	74,047
1/2	1/2	1/2	1/2	1/2	144,340	1/2	134,946	1/2	125,523	1/2	116,061	1/2	106,116	1/2	95,348	1/2	84,578	1/2	73,824
3/4	3/4	3/4	3/4	3/4	144,146	3/4	134,749	3/4	125,326	3/4	115,864	3/4	105,892	3/4	95,123	3/4	84,353	3/4	73,601
6	6	6	6	6	143,951	6	134,553	6	125,130	6	115,667	6	105,668	6	94,899	6	84,129	6	73,378
1/4	1/4	1/4	1/4	1/4	143,756	1/4	134,356	1/4	124,933	1/4	115,470	1/4	105,444	1/4	94,675	1/4	83,905	1/4	73,155
1/2	1/2	1/2	1/2	1/2	143,562	1/2	134,159	1/2	124,736	1/2	115,272	1/2	105,220	1/2	94,450	1/2	83,680	1/2	72,932
3/4	3/4	3/4	3/4	3/4	143,367	3/4	133,963	3/4	124,540	3/4	115,075	3/4	104,996	3/4	94,226	3/4	83,456	3/4	72,709
7	7	7	7	7	143,173	7	133,766	7	124,343	7	114,878	7	104,772	7	94,002	7	83,231	7	72,486
1/4	1/4	1/4	1/4	1/4	142,978	1/4	133,570	1/4	124,146	1/4	114,681	1/4	104,547	1/4	93,777	1/4	83,007	1/4	72,263
1/2	1/2	1/2	1/2	1/2	142,783	1/2	133,374	1/2	123,949	1/2	114,484	1/2	104,323	1/2	93,553	1/2	82,783	1/2	72,040
3/4	3/4	3/4	3/4	3/4	142,589	3/4	133,178	3/4	123,752	3/4	114,287	3/4	104,099	3/4	93,328	3/4	82,558	3/4	71,817
8	8	8	8	8	142,394	8	132,982	8	123,554	8	114,090	8	103,874	8	93,104	8	82,334	8	71,594
1/4	1/4	1/4	1/4	1/4	142,200	1/4	132,786	1/4	123,357	1/4	113,893	1/4	103,650	1/4	92,880	1/4	82,109	1/4	71,371
1/2	1/2	1/2	1/2	1/2	142,005	1/2	132,590	1/2	123,160	1/2	113,696	1/2	103,425	1/2	92,655	1/2	81,885	1/2	71,148
3/4	3/4	3/4	3/4	3/4	141,811	3/4	132,394	3/4	122,963	3/4	113,499	3/4	103,201	3/4	92,431	3/4	81,661	3/4	70,925
9	9	9	9	9	141,616	9	132,198	9	122,766	9	113,302	9	102,977	9	92,207	9	81,436	9	70,702
1/4	1/4	1/4	1/4	1/4	141,421	1/4	132,002	1/4	122,568	1/4	113,105	1/4	102,752	1/4	91,982	1/4	81,212	1/4	70,479
1/2	1/2	1/2	1/2	1/2	141,227	1/2	131,806	1/2	122,371	1/2	112,908	1/2	102,528	1/2	91,758	1/2	80,987	1/2	70,256
3/4	3/4	3/4	3/4	3/4	141,032	3/4	131,610	3/4	122,174	3/4	112,711	3/4	102,304	3/4	91,533	3/4	80,763	3/4	70,033
10	10	10	10	10	140,838	10	131,415	10	121,977	10	112,514	10	102,079	10	91,309	10	80,538	10	69,810
1/4	1/4	1/4	1/4	1/4	140,643	1/4	131,219	1/4	121,780	1/4	112,317	1/4	101,855	1/4	91,085	1/4	80,314	1/4	69,587
1/2	1/2	1/2	1/2	1/2	140,448	1/2	131,023	1/2	121,582	1/2	112,121	1/2	101,630	1/2	90,860	1/2	80,090	1/2	69,363
3/4	3/4	3/4	3/4	3/4	140,254	3/4	130,827	3/4	121,385	3/4	111,924	3/4	101,406	3/4	90,636	3/4	79,865	3/4	69,139
11	11	11	11	11	147,364	11	140,059	11	130,631	11	121,188	11	111,727	11	101,182	11	90,411	11	79,641
1/4	1/4	1/4	1/4	1/4	147,348	1/4	139,863	1/4	130,435	1/4	120,991	1/4	111,530	1/4	100,957	1/4	90,187	1/4	79,416
1/2	1/2	1/2	1/2	1/2	147,332	1/2	139,666	1/2	130,239	1/2	120,794	1/2	111,333	1/2	100,733	1/2	89,963	1/2	79,192
3/4	3/4	3/4	3/4	3/4	147,316	3/4	139,469	3/4	130,043	3/4	120,597	3/4	111,136	3/4	100,509	3/4	89,738	3/4	78,968

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "CBC 1380"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	68,021	0	57,256	0	46,489	0	35,722	0	25,163	0	14,393	0	3,617	0		0		0	
1/4	67,797	1/4	57,032	1/4	46,265	1/4	35,498	1/4	24,945	1/4	14,168	1/4	3,396	1/4		1/4		1/4	
1/2	67,573	1/2	56,807	1/2	46,041	1/2	35,274	1/2	24,726	1/2	13,943	1/2	3,176	1/2		1/2		1/2	
3/4	67,349	3/4	56,583	3/4	45,816	3/4	35,049	3/4	24,507	3/4	13,718	3/4	2,956	3/4		3/4		3/4	
1	67,126	1	56,359	1	45,592	1	34,825	1	24,288	1	13,493	1	2,735	1		1		1	
1/4	66,901	1/4	56,135	1/4	45,368	1/4	34,601	1/4	24,063	1/4	13,268	1/4	2,530	1/4		1/4		1/4	
1/2	66,677	1/2	55,910	1/2	45,143	1/2	34,377	1/2	23,838	1/2	13,043	1/2	2,324	1/2		1/2		1/2	
3/4	66,453	3/4	55,686	3/4	44,919	3/4	34,152	3/4	23,613	3/4	12,818	3/4	2,119	3/4		3/4		3/4	
2	66,228	2	55,462	2	44,695	2	33,928	2	23,388	2	12,594	2	1,913	2		2		2	
1/4	66,004	1/4	55,237	1/4	44,470	1/4	33,704	1/4	23,163	1/4	12,369	1/4	1,744	1/4		1/4		1/4	
1/2	65,780	1/2	55,013	1/2	44,246	1/2	33,479	1/2	22,939	1/2	12,144	1/2	1,576	1/2		1/2		1/2	
3/4	65,556	3/4	54,789	3/4	44,022	3/4	33,255	3/4	22,714	3/4	11,919	3/4	1,407	3/4		3/4		3/4	
3	65,331	3	54,564	3	43,798	3	33,031	3	22,489	3	11,694	3	1,239	3		3		3	
1/4	65,107	1/4	54,340	1/4	43,573	1/4	32,812	1/4	22,264	1/4	11,469	1/4	1,107	1/4		1/4		1/4	
1/2	64,883	1/2	54,116	1/2	43,349	1/2	32,594	1/2	22,039	1/2	11,244	1/2	976	1/2		1/2		1/2	
3/4	64,658	3/4	53,891	3/4	43,125	3/4	32,375	3/4	21,814	3/4	11,019	3/4	845	3/4		3/4		3/4	
4	64,434	4	53,667	4	42,900	4	32,157	4	21,589	4	10,794	4	714	4		4		4	
1/4	64,210	1/4	53,443	1/4	42,676	1/4	31,938	1/4	21,364	1/4	10,570	1/4	620	1/4		1/4		1/4	
1/2	63,985	1/2	53,219	1/2	42,452	1/2	31,720	1/2	21,139	1/2	10,345	1/2	527	1/2		1/2		1/2	
3/4	63,761	3/4	52,994	3/4	42,227	3/4	31,501	3/4	20,915	3/4	10,120	3/4	433	3/4		3/4		3/4	
5	63,537	5	52,770	5	42,003	5	31,283	5	20,690	5	9,895	5	339	5		5		5	
1/4	63,312	1/4	52,546	1/4	41,779	1/4	31,064	1/4	20,465	1/4	9,670	1/4	283	1/4		1/4		1/4	
1/2	63,088	1/2	52,321	1/2	41,554	1/2	30,846	1/2	20,240	1/2	9,445	1/2	227	1/2		1/2		1/2	
3/4	62,864	3/4	52,097	3/4	41,330	3/4	30,627	3/4	20,015	3/4	9,220	3/4	171	3/4		3/4		3/4	
6	62,640	6	51,873	6	41,106	6	30,409	6	19,790	6	8,995	6	114	6		6		6	
1/4	62,415	1/4	51,648	1/4	40,882	1/4	30,190	1/4	19,565	1/4	8,770	1/4	96	1/4		1/4		1/4	
1/2	62,191	1/2	51,424	1/2	40,657	1/2	29,972	1/2	19,340	1/2	8,546	1/2	77	1/2		1/2		1/2	
3/4	61,967	3/4	51,200	3/4	40,433	3/4	29,753	3/4	19,115	3/4	8,321	3/4	58	3/4		3/4		3/4	
7	61,742	7	50,975	7	40,209	7	29,535	7	18,891	7	8,096	7	39	7		7		7	
1/4	61,518	1/4	50,751	1/4	39,984	1/4	29,316	1/4	18,666	1/4	7,871	1/4		1/4		1/4		1/4	
1/2	61,294	1/2	50,527	1/2	39,760	1/2	29,098	1/2	18,441	1/2	7,646	1/2		1/2		1/2		1/2	
3/4	61,069	3/4	50,303	3/4	39,536	3/4	28,879	3/4	18,216	3/4	7,421	3/4		3/4		3/4		3/4	
8	60,845	8	50,078	8	39,311	8	28,661	8	17,991	8	7,196	8		8		8		8	
1/4	60,621	1/4	49,854	1/4	39,087	1/4	28,442	1/4	17,766	1/4	6,972	1/4		1/4		1/4		1/4	
1/2	60,396	1/2	49,630	1/2	38,863	1/2	28,224	1/2	17,541	1/2	6,747	1/2		1/2		1/2		1/2	
3/4	60,172	3/4	49,405	3/4	38,638	3/4	28,005	3/4	17,316	3/4	6,522	3/4		3/4		3/4		3/4	
9	59,948	9	49,181	9	38,414	9	27,787	9	17,091	9	6,297	9		9		9		9	
1/4	59,724	1/4	48,957	1/4	38,190	1/4	27,568	1/4	16,866	1/4	6,073	1/4		1/4		1/4		1/4	
1/2	59,499	1/2	48,732	1/2	37,966	1/2	27,350	1/2	16,642	1/2	5,849	1/2		1/2		1/2		1/2	
3/4	59,275	3/4	48,508	3/4	37,741	3/4	27,131	3/4	16,417	3/4	5,625	3/4		3/4		3/4		3/4	
10	59,051	10	48,284	10	37,517	10	26,913	10	16,192	10	5,400	10		10		10		10	
1/4	58,826	1/4	48,059	1/4	37,293	1/4	26,694	1/4	15,967	1/4	5,177	1/4		1/4		1/4		1/4	
1/2	58,602	1/2	47,835	1/2	37,068	1/2	26,476	1/2	15,742	1/2	4,953	1/2		1/2		1/2		1/2	
3/4	58,378	3/4	47,611	3/4	36,844	3/4	26,257	3/4	15,517	3/4	4,730	3/4		3/4		3/4		3/4	
11	58,153	11	47,387	11	36,620	11	26,039	11	15,292	11	4,506	11		11		11		11	
1/4	57,929	1/4	47,162	1/4	36,395	1/4	25,820	1/4	15,067	1/4	4,284	1/4		1/4		1/4		1/4	
1/2	57,705	1/2	46,938	1/2	36,171	1/2	25,601	1/2	14,842	1/2	4,062	1/2		1/2		1/2		1/2	
3/4	57,480	3/4	46,714	3/4	35,947	3/4	25,382	3/4	14,618	3/4	3,839	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/09/2015 SW
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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

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