



BARGE "CBC 1382"

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 1 CENTER IS 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

June 2, 2015

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

<http://www.pmacorp.net>



BARGE "CBC 1382"

3 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	8,037	0	18,752	0	29,453	0	40,157	0	50,872	0	61,588	0	72,303	0	83,019	0	93,733
1/4	58	1/4	8,260	1/4	19,975	1/4	29,675	1/4	40,380	1/4	51,096	1/4	61,811	1/4	72,527	1/4	83,242	1/4	93,956
1/2	76	1/2	8,483	1/2	19,198	1/2	29,898	1/2	40,603	1/2	51,319	1/2	62,034	1/2	72,750	1/2	83,465	1/2	94,179
3/4	95	3/4	8,706	3/4	19,421	3/4	30,120	3/4	40,826	3/4	51,542	3/4	62,258	3/4	72,973	3/4	83,689	3/4	94,402
1	114	1	8,930	1	19,645	1	30,343	1	41,050	1	51,765	1	62,481	1	73,196	1	83,912	1	94,626
1/4	169	1/4	9,153	1/4	19,868	1/4	30,565	1/4	41,273	1/4	51,989	1/4	62,704	1/4	73,420	1/4	84,135	1/4	94,849
1/2	225	1/2	9,376	1/2	20,091	1/2	30,788	1/2	41,496	1/2	52,212	1/2	62,927	1/2	73,643	1/2	84,358	1/2	95,072
3/4	281	3/4	9,599	3/4	20,314	3/4	31,010	3/4	41,719	3/4	52,435	3/4	63,151	3/4	73,866	3/4	84,581	3/4	95,295
2	337	2	9,822	2	20,538	2	31,233	2	41,943	2	52,658	2	63,374	2	74,089	2	84,805	2	95,518
1/4	430	1/4	10,046	1/4	20,761	1/4	31,455	1/4	42,166	1/4	52,882	1/4	63,597	1/4	74,313	1/4	85,028	1/4	95,742
1/2	523	1/2	10,269	1/2	20,984	1/2	31,678	1/2	42,389	1/2	53,105	1/2	63,820	1/2	74,536	1/2	85,251	1/2	95,965
3/4	616	3/4	10,492	3/4	21,207	3/4	31,900	3/4	42,612	3/4	53,328	3/4	64,044	3/4	74,759	3/4	85,474	3/4	96,188
3	709	3	10,715	3	21,430	3	32,123	3	42,836	3	53,551	3	64,267	3	74,982	3	85,697	3	96,411
1/4	839	1/4	10,939	1/4	21,654	1/4	32,345	1/4	43,059	1/4	53,774	1/4	64,490	1/4	75,206	1/4	85,921	1/4	96,634
1/2	969	1/2	11,162	1/2	21,877	1/2	32,568	1/2	43,282	1/2	53,998	1/2	64,713	1/2	75,429	1/2	86,144	1/2	96,858
3/4	1,100	3/4	11,385	3/4	22,100	3/4	32,791	3/4	43,505	3/4	54,221	3/4	64,937	3/4	75,652	3/4	86,367	3/4	97,081
4	1,230	4	11,608	4	22,323	4	33,013	4	43,729	4	54,444	4	65,160	4	75,875	4	86,590	4	97,304
1/4	1,397	1/4	11,832	1/4	22,547	1/4	33,236	1/4	43,952	1/4	54,667	1/4	65,383	1/4	76,099	1/4	86,813	1/4	97,527
1/2	1,565	1/2	12,055	1/2	22,770	1/2	33,460	1/2	44,175	1/2	54,891	1/2	65,606	1/2	76,322	1/2	87,037	1/2	97,750
3/4	1,732	3/4	12,278	3/4	22,993	3/4	33,683	3/4	44,398	3/4	55,114	3/4	65,829	3/4	76,545	3/4	87,260	3/4	97,974
5	1,899	5	12,501	5	23,216	5	33,906	5	44,622	5	55,337	5	66,053	5	76,768	5	87,483	5	98,197
1/4	2,103	1/4	12,724	1/4	23,440	1/4	34,129	1/4	44,845	1/4	55,560	1/4	66,276	1/4	76,992	1/4	87,706	1/4	98,420
1/2	2,308	1/2	12,948	1/2	23,663	1/2	34,353	1/2	45,068	1/2	55,784	1/2	66,499	1/2	77,215	1/2	87,930	1/2	98,643
3/4	2,512	3/4	13,171	3/4	23,886	3/4	34,576	3/4	45,291	3/4	56,007	3/4	66,722	3/4	77,438	3/4	88,153	3/4	98,866
6	2,716	6	13,394	6	24,109	6	34,799	6	45,515	6	56,230	6	66,946	6	77,661	6	88,376	6	99,090
1/4	2,934	1/4	13,617	1/4	24,332	1/4	35,022	1/4	45,738	1/4	56,453	1/4	67,169	1/4	77,884	1/4	88,599	1/4	99,313
1/2	3,153	1/2	13,841	1/2	24,555	1/2	35,245	1/2	45,961	1/2	56,677	1/2	67,392	1/2	78,108	1/2	88,822	1/2	99,536
3/4	3,372	3/4	14,064	3/4	24,778	3/4	35,469	3/4	46,184	3/4	56,900	3/4	67,615	3/4	78,331	3/4	89,046	3/4	99,759
7	3,591	7	14,287	7	25,001	7	35,692	7	46,408	7	57,123	7	67,839	7	78,554	7	89,269	7	99,982
1/4	3,812	1/4	14,510	1/4	25,224	1/4	35,915	1/4	46,631	1/4	57,346	1/4	68,062	1/4	78,777	1/4	89,492	1/4	100,206
1/2	4,032	1/2	14,734	1/2	25,447	1/2	36,138	1/2	46,854	1/2	57,570	1/2	68,285	1/2	79,001	1/2	89,715	1/2	100,429
3/4	4,253	3/4	14,957	3/4	25,669	3/4	36,362	3/4	47,077	3/4	57,793	3/4	68,508	3/4	79,224	3/4	89,938	3/4	100,652
8	4,474	8	15,180	8	25,892	8	36,585	8	47,300	8	58,016	8	68,732	8	79,447	8	90,162	8	100,875
1/4	4,696	1/4	15,403	1/4	26,115	1/4	36,808	1/4	47,524	1/4	58,239	1/4	68,955	1/4	79,670	1/4	90,385	1/4	101,099
1/2	4,917	1/2	15,626	1/2	26,337	1/2	37,031	1/2	47,747	1/2	58,463	1/2	69,178	1/2	79,894	1/2	90,608	1/2	101,322
3/4	5,139	3/4	15,850	3/4	26,560	3/4	37,255	3/4	47,970	3/4	58,686	3/4	69,401	3/4	80,117	3/4	90,831	3/4	101,545
9	5,361	9	16,073	9	26,782	9	37,478	9	48,193	9	58,909	9	69,625	9	80,340	9	91,054	9	101,768
1/4	5,584	1/4	16,296	1/4	27,005	1/4	37,701	1/4	48,417	1/4	59,132	1/4	69,848	1/4	80,563	1/4	91,278	1/4	101,991
1/2	5,806	1/2	16,519	1/2	27,227	1/2	37,924	1/2	48,640	1/2	59,355	1/2	70,071	1/2	80,787	1/2	91,501	1/2	102,215
3/4	6,029	3/4	16,743	3/4	27,450	3/4	38,148	3/4	48,863	3/4	59,579	3/4	70,294	3/4	81,010	3/4	91,724	3/4	102,438
10	6,252	10	16,966	10	27,672	10	38,371	10	49,086	10	59,802	10	70,518	10	81,233	10	91,947	10	102,661
1/4	6,475	1/4	17,189	1/4	27,895	1/4	38,594	1/4	49,310	1/4	60,025	1/4	70,741	1/4	81,456	1/4	92,170	1/4	102,884
1/2	6,698	1/2	17,412	1/2	28,118	1/2	38,817	1/2	49,533	1/2	60,248	1/2	70,964	1/2	81,680	1/2	92,394	1/2	103,107
3/4	6,921	3/4	17,636	3/4	28,340	3/4	39,041	3/4	49,756	3/4	60,472	3/4	71,187	3/4	81,903	3/4	92,617	3/4	103,331
11	7,144	11	17,859	11	28,563	11	39,264	11	49,979	11	60,695	11	71,411	11	82,126	11	92,840	11	103,554
1/4	7,367	1/4	18,082	1/4	28,785	1/4	39,487	1/4	50,203	1/4	60,918	1/4	71,634	1/4	82,349	1/4	93,063	1/4	103,777
1/2	7,590	1/2	18,305	1/2	29,008	1/2	39,710	1/2	50,426	1/2	61,141	1/2	71,857	1/2	82,573	1/2	93,286	1/2	104,000
3/4	7,813	3/4	18,528	3/4	29,230	3/4	39,934	3/4	50,649	3/4	61,365	3/4	72,080	3/4	82,796	3/4	93,510	3/4	104,223

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 1382"

3 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	104,447	0	115,160	0	125,874	0	136,529	0	147,151	0		0		0		0		0	
1/4	104,670	1/4	115,384	1/4	126,096	1/4	136,751	1/4	147,371	1/4		1/4		1/4		1/4		1/4	
1/2	104,893	1/2	115,607	1/2	126,318	1/2	136,973	1/2	147,591	1/2		1/2		1/2		1/2		1/2	
3/4	105,116	3/4	115,830	3/4	126,540	3/4	137,195	3/4	147,811	3/4		3/4		3/4		3/4		3/4	
1	105,339	1	116,053	1	126,762	1	137,417	1	148,031	1		1		1		1		1	
1/4	105,563	1/4	116,276	1/4	126,984	1/4	137,639	1/4	148,251	1/4		1/4		1/4		1/4		1/4	
1/2	105,786	1/2	116,500	1/2	127,206	1/2	137,861	1/2	148,471	1/2		1/2		1/2		1/2		1/2	
3/4	106,009	3/4	116,723	3/4	127,428	3/4	138,083	3/4	148,691	3/4		3/4		3/4		3/4		3/4	
2	106,232	2	116,946	2	127,650	2	138,305	2	148,911	2		2		2		2		2	
1/4	106,455	1/4	117,169	1/4	127,872	1/4	138,527	1/4	149,112	1/4		1/4		1/4		1/4		1/4	
1/2	106,679	1/2	117,392	1/2	128,094	1/2	138,749	1/2	149,313	1/2		1/2		1/2		1/2		1/2	
3/4	106,902	3/4	117,616	3/4	128,316	3/4	138,971	3/4	149,515	3/4		3/4		3/4		3/4		3/4	
3	107,125	3	117,839	3	128,538	3	139,193	3	149,716	3		3		3		3		3	
1/4	107,348	1/4	118,062	1/4	128,760	1/4	139,415	1/4	149,880	1/4		1/4		1/4		1/4		1/4	
1/2	107,571	1/2	118,285	1/2	128,982	1/2	139,637	1/2	150,044	1/2		1/2		1/2		1/2		1/2	
3/4	107,795	3/4	118,508	3/4	129,204	3/4	139,859	3/4	150,208	3/4		3/4		3/4		3/4		3/4	
4	108,018	4	118,732	4	129,426	4	140,081	4	150,372	4		4		4		4		4	
1/4	108,241	1/4	118,955	1/4	129,648	1/4	140,303	1/4	150,499	1/4		1/4		1/4		1/4		1/4	
1/2	108,464	1/2	119,178	1/2	129,870	1/2	140,525	1/2	150,626	1/2		1/2		1/2		1/2		1/2	
3/4	108,687	3/4	119,401	3/4	130,092	3/4	140,747	3/4	150,753	3/4		3/4		3/4		3/4		3/4	
5	108,911	5	119,624	5	130,314	5	140,969	5	150,880	5		5		5		5		5	
1/4	109,134	1/4	119,848	1/4	130,536	1/4	141,191	1/4	150,970	1/4		1/4		1/4		1/4		1/4	
1/2	109,357	1/2	120,071	1/2	130,758	1/2	141,413	1/2	151,060	1/2		1/2		1/2		1/2		1/2	
3/4	109,580	3/4	120,294	3/4	130,980	3/4	141,635	3/4	151,149	3/4		3/4		3/4		3/4		3/4	
6	109,803	6	120,517	6	131,202	6	141,857	6	151,239	6		6		6		6		6	
1/4	110,027	1/4	120,740	1/4	131,424	1/4	142,079	1/4	151,291	1/4		1/4		1/4		1/4		1/4	
1/2	110,250	1/2	120,964	1/2	131,646	1/2	142,301	1/2	151,344	1/2		1/2		1/2		1/2		1/2	
3/4	110,473	3/4	121,187	3/4	131,868	3/4	142,523	3/4	151,396	3/4		3/4		3/4		3/4		3/4	
7	110,696	7	121,410	7	132,089	7	142,745	7	151,449	7		7		7		7		7	
1/4	110,919	1/4	121,633	1/4	132,311	1/4	142,966	1/4	151,464	1/4		1/4		1/4		1/4		1/4	
1/2	111,143	1/2	121,856	1/2	132,533	1/2	143,188	1/2	151,479	1/2		1/2		1/2		1/2		1/2	
3/4	111,366	3/4	122,080	3/4	132,755	3/4	143,410	3/4	151,495	3/4		3/4		3/4		3/4		3/4	
8	111,589	8	122,303	8	132,977	8	143,632	8	151,510	8		8		8		8		8	
1/4	111,812	1/4	122,526	1/4	133,199	1/4	143,852	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,035	1/2	122,749	1/2	133,421	1/2	144,072	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,259	3/4	122,972	3/4	133,643	3/4	144,292	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,482	9	123,196	9	133,865	9	144,512	9		9		9		9		9		9	
1/4	112,705	1/4	123,419	1/4	134,087	1/4	144,732	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,928	1/2	123,642	1/2	134,309	1/2	144,952	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,151	3/4	123,865	3/4	134,531	3/4	145,172	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,375	10	124,088	10	134,753	10	145,392	10		10		10		10		10		10	
1/4	113,598	1/4	124,312	1/4	134,975	1/4	145,612	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,821	1/2	124,535	1/2	135,197	1/2	145,832	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,044	3/4	124,758	3/4	135,419	3/4	146,052	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,268	11	124,981	11	135,641	11	146,272	11		11		11		11		11		11	
1/4	114,491	1/4	125,204	1/4	135,863	1/4	146,491	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,714	1/2	125,428	1/2	136,085	1/2	146,711	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,937	3/4	125,651	3/4	136,307	3/4	146,931	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/30/2015 SW
CALCULATED: 06/02/2014 CL
PRINTED: 06/02/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1382"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,063	0	21,154	0	33,098	0	45,042	0	57,134	0	69,225	0	81,316	0	93,407	0	105,497
1/4	60	1/4	9,315	1/4	21,406	1/4	33,343	1/4	45,294	1/4	57,386	1/4	69,477	1/4	81,568	1/4	93,659	1/4	105,749
1/2	81	1/2	9,567	1/2	21,658	1/2	33,587	1/2	45,546	1/2	57,637	1/2	69,729	1/2	81,820	1/2	93,911	1/2	106,000
3/4	102	3/4	9,819	3/4	21,910	3/4	33,832	3/4	45,798	3/4	57,889	3/4	69,811	3/4	82,072	3/4	94,163	3/4	106,252
1	123	1	10,071	1	22,162	1	34,076	1	46,050	1	58,141	1	70,233	1	82,324	1	94,415	1	106,504
1/4	186	1/4	10,323	1/4	22,414	1/4	34,321	1/4	46,302	1/4	58,393	1/4	70,484	1/4	82,576	1/4	94,667	1/4	106,756
1/2	249	1/2	10,575	1/2	22,666	1/2	34,565	1/2	46,554	1/2	58,645	1/2	70,736	1/2	82,828	1/2	94,919	1/2	107,008
3/4	312	3/4	10,827	3/4	22,917	3/4	34,809	3/4	46,806	3/4	58,897	3/4	70,988	3/4	83,079	3/4	95,170	3/4	107,260
2	375	2	11,079	2	23,169	2	35,054	2	47,058	2	59,149	2	71,240	2	83,331	2	95,422	2	107,512
1/4	480	1/4	11,330	1/4	23,421	1/4	35,298	1/4	47,309	1/4	59,401	1/4	71,492	1/4	83,583	1/4	95,674	1/4	107,763
1/2	585	1/2	11,582	1/2	23,673	1/2	35,543	1/2	47,561	1/2	59,653	1/2	71,744	1/2	83,835	1/2	95,926	1/2	108,015
3/4	690	3/4	11,834	3/4	23,925	3/4	35,787	3/4	47,813	3/4	59,905	3/4	71,996	3/4	84,087	3/4	96,178	3/4	108,267
3	795	3	12,086	3	24,177	3	36,032	3	48,065	3	60,156	3	72,248	3	84,339	3	96,430	3	108,519
1/4	942	1/4	12,338	1/4	24,429	1/4	36,276	1/4	48,317	1/4	60,408	1/4	72,500	1/4	84,591	1/4	96,682	1/4	108,771
1/2	1,089	1/2	12,590	1/2	24,681	1/2	36,521	1/2	48,569	1/2	60,660	1/2	72,752	1/2	84,843	1/2	96,933	1/2	109,023
3/4	1,236	3/4	12,842	3/4	24,933	3/4	36,765	3/4	48,821	3/4	60,912	3/4	73,003	3/4	85,095	3/4	97,185	3/4	109,275
4	1,383	4	13,094	4	25,185	4	37,010	4	49,073	4	61,164	4	73,255	4	85,347	4	97,437	4	109,526
1/4	1,572	1/4	13,346	1/4	25,436	1/4	37,255	1/4	49,325	1/4	61,416	1/4	73,507	1/4	85,599	1/4	97,689	1/4	109,778
1/2	1,761	1/2	13,597	1/2	25,688	1/2	37,499	1/2	49,577	1/2	61,668	1/2	73,759	1/2	85,850	1/2	97,941	1/2	110,030
3/4	1,949	3/4	13,849	3/4	25,940	3/4	37,744	3/4	49,828	3/4	61,920	3/4	74,011	3/4	86,102	3/4	98,193	3/4	110,282
5	2,138	5	14,101	5	26,192	5	37,989	5	50,080	5	62,172	5	74,263	5	86,354	5	98,445	5	110,534
1/4	2,369	1/4	14,353	1/4	26,444	1/4	38,241	1/4	50,332	1/4	62,424	1/4	74,515	1/4	86,606	1/4	98,696	1/4	110,786
1/2	2,599	1/2	14,605	1/2	26,696	1/2	38,493	1/2	50,584	1/2	62,675	1/2	74,767	1/2	86,858	1/2	98,948	1/2	111,038
3/4	2,829	3/4	14,857	3/4	26,948	3/4	38,745	3/4	50,836	3/4	62,927	3/4	75,019	3/4	87,110	3/4	99,200	3/4	111,289
6	3,059	6	15,109	6	27,200	6	38,997	6	51,088	6	63,179	6	75,271	6	87,362	6	99,452	6	111,541
1/4	3,306	1/4	15,361	1/4	27,452	1/4	39,249	1/4	51,340	1/4	63,431	1/4	75,522	1/4	87,614	1/4	99,704	1/4	111,793
1/2	3,553	1/2	15,613	1/2	27,703	1/2	39,501	1/2	51,592	1/2	63,683	1/2	75,774	1/2	87,866	1/2	99,956	1/2	112,045
3/4	3,800	3/4	15,865	3/4	27,955	3/4	39,752	3/4	51,844	3/4	63,935	3/4	76,026	3/4	88,118	3/4	100,208	3/4	112,297
7	4,047	7	16,116	7	28,207	7	40,004	7	52,096	7	64,187	7	76,278	7	88,369	7	100,460	7	112,549
1/4	4,296	1/4	16,368	1/4	28,452	1/4	40,256	1/4	52,347	1/4	64,439	1/4	76,530	1/4	88,621	1/4	100,711	1/4	112,801
1/2	4,545	1/2	16,620	1/2	28,697	1/2	40,508	1/2	52,599	1/2	64,691	1/2	76,782	1/2	88,873	1/2	100,963	1/2	113,052
3/4	4,794	3/4	16,872	3/4	28,942	3/4	40,760	3/4	52,851	3/4	64,943	3/4	77,034	3/4	89,125	3/4	101,215	3/4	113,304
8	5,043	8	17,124	8	29,187	8	41,012	8	53,103	8	65,194	8	77,286	8	89,377	8	101,467	8	113,556
1/4	5,293	1/4	17,376	1/4	29,431	1/4	41,264	1/4	53,355	1/4	65,446	1/4	77,538	1/4	89,629	1/4	101,719	1/4	113,808
1/2	5,544	1/2	17,628	1/2	29,676	1/2	41,516	1/2	53,607	1/2	65,698	1/2	77,790	1/2	89,881	1/2	101,971	1/2	114,060
3/4	5,794	3/4	17,880	3/4	29,920	3/4	41,768	3/4	53,859	3/4	65,950	3/4	78,041	3/4	90,133	3/4	102,223	3/4	114,312
9	6,045	9	18,132	9	30,164	9	42,020	9	54,111	9	66,202	9	78,293	9	90,385	9	102,474	9	114,564
1/4	6,296	1/4	18,383	1/4	30,409	1/4	42,271	1/4	54,363	1/4	66,454	1/4	78,545	1/4	90,637	1/4	102,726	1/4	114,815
1/2	6,547	1/2	18,635	1/2	30,653	1/2	42,523	1/2	54,615	1/2	66,706	1/2	78,797	1/2	90,888	1/2	102,978	1/2	115,067
3/4	6,798	3/4	18,887	3/4	30,898	3/4	42,775	3/4	54,867	3/4	66,958	3/4	79,049	3/4	91,140	3/4	103,230	3/4	115,319
10	7,049	10	19,139	10	31,142	10	43,027	10	55,118	10	67,210	10	79,301	10	91,392	10	103,482	10	115,571
1/4	7,301	1/4	19,391	1/4	31,387	1/4	43,279	1/4	55,370	1/4	67,462	1/4	79,553	1/4	91,644	1/4	103,734	1/4	115,823
1/2	7,553	1/2	19,643	1/2	31,631	1/2	43,531	1/2	55,622	1/2	67,713	1/2	79,805	1/2	91,896	1/2	103,986	1/2	116,075
3/4	7,804	3/4	19,895	3/4	31,876	3/4	43,783	3/4	55,874	3/4	67,965	3/4	80,057	3/4	92,148	3/4	104,237	3/4	116,327
11	8,056	11	20,147	11	32,120	11	44,035	11	56,126	11	68,217	11	80,309	11	92,400	11	104,489	11	116,578
1/4	8,308	1/4	20,399	1/4	32,365	1/4	44,287	1/4	56,378	1/4	68,469	1/4	80,560	1/4	92,652	1/4	104,741	1/4	116,830
1/2	8,560	1/2	20,650	1/2	32,609	1/2	44,539	1/2	56,630	1/2	68,721	1/2	80,812	1/2	92,904	1/2	104,993	1/2	117,082
3/4	8,812	3/4	20,902	3/4	32,854	3/4	44,790	3/4	56,882	3/4	68,973	3/4	81,064	3/4	93,156	3/4	105,245	3/4	117,334

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1382"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,586	0	129,675	0	141,764	0	153,786	0	165,771	0		0		0		0		0	
1/4	117,838	1/4	129,927	1/4	142,015	1/4	154,037	1/4	166,019	1/4		1/4		1/4		1/4		1/4	
1/2	118,090	1/2	130,179	1/2	142,265	1/2	154,287	1/2	166,267	1/2		1/2		1/2		1/2		1/2	
3/4	118,341	3/4	130,431	3/4	142,516	3/4	154,538	3/4	166,516	3/4		3/4		3/4		3/4		3/4	
1	118,593	1	130,682	1	142,766	1	154,788	1	166,764	1		1		1		1		1	
1/4	118,845	1/4	130,934	1/4	143,017	1/4	155,039	1/4	167,012	1/4		1/4		1/4		1/4		1/4	
1/2	119,097	1/2	131,186	1/2	143,267	1/2	155,289	1/2	167,260	1/2		1/2		1/2		1/2		1/2	
3/4	119,349	3/4	131,438	3/4	143,517	3/4	155,539	3/4	167,508	3/4		3/4		3/4		3/4		3/4	
2	119,601	2	131,690	2	143,768	2	155,790	2	167,756	2		2		2		2		2	
1/4	119,853	1/4	131,942	1/4	144,018	1/4	156,040	1/4	167,984	1/4		1/4		1/4		1/4		1/4	
1/2	120,104	1/2	132,194	1/2	144,269	1/2	156,291	1/2	168,211	1/2		1/2		1/2		1/2		1/2	
3/4	120,356	3/4	132,446	3/4	144,519	3/4	156,541	3/4	168,438	3/4		3/4		3/4		3/4		3/4	
3	120,608	3	132,697	3	144,770	3	156,792	3	168,665	3		3		3		3		3	
1/4	120,860	1/4	132,949	1/4	145,020	1/4	157,042	1/4	168,850	1/4		1/4		1/4		1/4		1/4	
1/2	121,112	1/2	133,201	1/2	145,271	1/2	157,293	1/2	169,035	1/2		1/2		1/2		1/2		1/2	
3/4	121,364	3/4	133,453	3/4	145,521	3/4	157,543	3/4	169,220	3/4		3/4		3/4		3/4		3/4	
4	121,616	4	133,705	4	145,772	4	157,794	4	169,406	4		4		4		4		4	
1/4	121,867	1/4	133,957	1/4	146,022	1/4	158,044	1/4	169,549	1/4		1/4		1/4		1/4		1/4	
1/2	122,119	1/2	134,209	1/2	146,273	1/2	158,294	1/2	169,692	1/2		1/2		1/2		1/2		1/2	
3/4	122,371	3/4	134,460	3/4	146,523	3/4	158,545	3/4	169,835	3/4		3/4		3/4		3/4		3/4	
5	122,623	5	134,712	5	146,773	5	158,795	5	169,978	5		5		5		5		5	
1/4	122,875	1/4	134,964	1/4	147,024	1/4	159,046	1/4	170,080	1/4		1/4		1/4		1/4		1/4	
1/2	123,127	1/2	135,216	1/2	147,274	1/2	159,296	1/2	170,181	1/2		1/2		1/2		1/2		1/2	
3/4	123,379	3/4	135,468	3/4	147,525	3/4	159,547	3/4	170,282	3/4		3/4		3/4		3/4		3/4	
6	123,630	6	135,720	6	147,775	6	159,797	6	170,383	6		6		6		6		6	
1/4	123,882	1/4	135,972	1/4	148,026	1/4	160,048	1/4	170,442	1/4		1/4		1/4		1/4		1/4	
1/2	124,134	1/2	136,223	1/2	148,276	1/2	160,298	1/2	170,502	1/2		1/2		1/2		1/2		1/2	
3/4	124,386	3/4	136,475	3/4	148,527	3/4	160,549	3/4	170,561	3/4		3/4		3/4		3/4		3/4	
7	124,638	7	136,727	7	148,777	7	160,799	7	170,620	7		7		7		7		7	
1/4	124,890	1/4	136,979	1/4	149,028	1/4	161,050	1/4	170,637	1/4		1/4		1/4		1/4		1/4	
1/2	125,142	1/2	137,231	1/2	149,278	1/2	161,300	1/2	170,655	1/2		1/2		1/2		1/2		1/2	
3/4	125,393	3/4	137,483	3/4	149,528	3/4	161,550	3/4	170,672	3/4		3/4		3/4		3/4		3/4	
8	125,645	8	137,735	8	149,779	8	161,801	8	170,689	8		8		8		8		8	
1/4	125,897	1/4	137,986	1/4	150,029	1/4	162,049	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,149	1/2	138,238	1/2	150,280	1/2	162,297	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,401	3/4	138,490	3/4	150,530	3/4	162,545	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,653	9	138,742	9	150,781	9	162,793	9		9		9		9		9		9	
1/4	126,905	1/4	138,994	1/4	151,031	1/4	163,042	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,156	1/2	139,246	1/2	151,282	1/2	163,290	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,408	3/4	139,498	3/4	151,532	3/4	163,538	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,660	10	139,749	10	151,783	10	163,786	10		10		10		10		10		10	
1/4	127,912	1/4	140,001	1/4	152,033	1/4	164,034	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,164	1/2	140,253	1/2	152,284	1/2	164,282	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,416	3/4	140,505	3/4	152,534	3/4	164,530	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,668	11	140,757	11	152,784	11	164,779	11		11		11		11		11		11	
1/4	128,919	1/4	141,009	1/4	153,035	1/4	165,027	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,171	1/2	141,261	1/2	153,285	1/2	165,275	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,423	3/4	141,512	3/4	153,536	3/4	165,523	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/30/2015 SW
CALCULATED: 06/02/2014 CL
PRINTED: 06/02/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1382"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,105	0	18,913	0	29,569	0	40,255	0	51,035	0	61,814	0	72,570	0	83,328	0	94,111
1/4	58	1/4	8,330	1/4	19,138	1/4	29,788	1/4	40,480	1/4	51,259	1/4	62,039	1/4	72,794	1/4	83,553	1/4	94,336
1/2	77	1/2	8,555	1/2	19,363	1/2	30,007	1/2	40,705	1/2	51,484	1/2	62,263	1/2	73,017	1/2	83,778	1/2	94,560
3/4	96	3/4	8,781	3/4	19,588	3/4	30,225	3/4	40,929	3/4	51,709	3/4	62,488	3/4	73,240	3/4	84,002	3/4	94,785
1	114	1	9,006	1	19,813	1	30,444	1	41,154	1	51,933	1	62,713	1	73,463	1	84,227	1	95,010
1/4	171	1/4	9,231	1/4	20,038	1/4	30,663	1/4	41,378	1/4	52,158	1/4	62,937	1/4	73,686	1/4	84,452	1/4	95,234
1/2	227	1/2	9,456	1/2	20,263	1/2	30,882	1/2	41,603	1/2	52,382	1/2	63,162	1/2	73,910	1/2	84,676	1/2	95,459
3/4	283	3/4	9,681	3/4	20,489	3/4	31,100	3/4	41,827	3/4	52,607	3/4	63,386	3/4	74,133	3/4	84,901	3/4	95,684
2	340	2	9,906	2	20,714	2	31,319	2	42,052	2	52,831	2	63,611	2	74,356	2	85,125	2	95,908
1/4	433	1/4	10,132	1/4	20,939	1/4	31,538	1/4	42,277	1/4	53,056	1/4	63,835	1/4	74,579	1/4	85,350	1/4	96,133
1/2	527	1/2	10,357	1/2	21,164	1/2	31,757	1/2	42,501	1/2	53,281	1/2	64,060	1/2	74,803	1/2	85,575	1/2	96,357
3/4	621	3/4	10,582	3/4	21,389	3/4	31,975	3/4	42,726	3/4	53,505	3/4	64,284	3/4	75,026	3/4	85,799	3/4	96,582
3	715	3	10,807	3	21,614	3	32,194	3	42,950	3	53,730	3	64,509	3	75,249	3	86,024	3	96,807
1/4	846	1/4	11,032	1/4	21,839	1/4	32,413	1/4	43,175	1/4	53,954	1/4	64,734	1/4	75,472	1/4	86,249	1/4	97,031
1/2	977	1/2	11,257	1/2	22,065	1/2	32,632	1/2	43,399	1/2	54,179	1/2	64,958	1/2	75,695	1/2	86,473	1/2	97,256
3/4	1,109	3/4	11,482	3/4	22,290	3/4	32,850	3/4	43,624	3/4	54,403	3/4	65,183	3/4	75,919	3/4	86,698	3/4	97,481
4	1,240	4	11,708	4	22,515	4	33,069	4	43,849	4	54,628	4	65,407	4	76,142	4	86,923	4	97,705
1/4	1,409	1/4	11,933	1/4	22,740	1/4	33,294	1/4	44,073	1/4	54,853	1/4	65,632	1/4	76,366	1/4	87,147	1/4	97,930
1/2	1,578	1/2	12,158	1/2	22,965	1/2	33,518	1/2	44,298	1/2	55,077	1/2	65,856	1/2	76,590	1/2	87,372	1/2	98,155
3/4	1,747	3/4	12,383	3/4	23,190	3/4	33,743	3/4	44,522	3/4	55,302	3/4	66,081	3/4	76,814	3/4	87,597	3/4	98,379
5	1,915	5	12,608	5	23,416	5	33,967	5	44,747	5	55,526	5	66,306	5	77,038	5	87,821	5	98,604
1/4	2,121	1/4	12,833	1/4	23,641	1/4	34,192	1/4	44,971	1/4	55,751	1/4	66,530	1/4	77,262	1/4	88,046	1/4	98,828
1/2	2,327	1/2	13,059	1/2	23,866	1/2	34,417	1/2	45,196	1/2	55,975	1/2	66,755	1/2	77,487	1/2	88,270	1/2	99,053
3/4	2,533	3/4	13,284	3/4	24,091	3/4	34,641	3/4	45,421	3/4	56,200	3/4	66,979	3/4	77,712	3/4	88,495	3/4	99,278
6	2,738	6	13,509	6	24,316	6	34,866	6	45,645	6	56,425	6	67,204	6	77,936	6	88,720	6	99,502
1/4	2,959	1/4	13,734	1/4	24,535	1/4	35,090	1/4	45,870	1/4	56,649	1/4	67,428	1/4	78,161	1/4	88,944	1/4	99,727
1/2	3,180	1/2	13,959	1/2	24,754	1/2	35,315	1/2	46,094	1/2	56,874	1/2	67,652	1/2	78,386	1/2	89,169	1/2	99,952
3/4	3,400	3/4	14,184	3/4	24,974	3/4	35,539	3/4	46,319	3/4	57,098	3/4	67,876	3/4	78,610	3/4	89,394	3/4	100,176
7	3,621	7	14,409	7	25,193	7	35,764	7	46,543	7	57,323	7	68,100	7	78,835	7	89,618	7	100,401
1/4	3,844	1/4	14,635	1/4	25,412	1/4	35,989	1/4	46,768	1/4	57,547	1/4	68,324	1/4	79,060	1/4	89,843	1/4	100,626
1/2	4,066	1/2	14,860	1/2	25,631	1/2	36,213	1/2	46,993	1/2	57,772	1/2	68,548	1/2	79,284	1/2	90,068	1/2	100,850
3/4	4,289	3/4	15,085	3/4	25,850	3/4	36,438	3/4	47,217	3/4	57,997	3/4	68,772	3/4	79,509	3/4	90,292	3/4	101,075
8	4,512	8	15,310	8	26,069	8	36,662	8	47,442	8	58,221	8	68,996	8	79,734	8	90,517	8	101,300
1/4	4,735	1/4	15,535	1/4	26,288	1/4	36,887	1/4	47,666	1/4	58,446	1/4	69,220	1/4	79,958	1/4	90,741	1/4	101,524
1/2	4,959	1/2	15,760	1/2	26,507	1/2	37,111	1/2	47,891	1/2	58,670	1/2	69,444	1/2	80,183	1/2	90,966	1/2	101,749
3/4	5,183	3/4	15,986	3/4	26,726	3/4	37,336	3/4	48,115	3/4	58,895	3/4	69,668	3/4	80,408	3/4	91,191	3/4	101,973
9	5,407	9	16,211	9	26,944	9	37,561	9	48,340	9	59,119	9	69,892	9	80,632	9	91,415	9	102,198
1/4	5,631	1/4	16,436	1/4	27,163	1/4	37,785	1/4	48,565	1/4	59,344	1/4	70,115	1/4	80,857	1/4	91,640	1/4	102,423
1/2	5,856	1/2	16,661	1/2	27,382	1/2	38,010	1/2	48,789	1/2	59,569	1/2	70,338	1/2	81,082	1/2	91,865	1/2	102,647
3/4	6,080	3/4	16,886	3/4	27,601	3/4	38,234	3/4	49,014	3/4	59,793	3/4	70,561	3/4	81,306	3/4	92,089	3/4	102,872
10	6,305	10	17,111	10	27,819	10	38,459	10	49,238	10	60,018	10	70,785	10	81,531	10	92,314	10	103,097
1/4	6,530	1/4	17,336	1/4	28,038	1/4	38,683	1/4	49,463	1/4	60,242	1/4	71,008	1/4	81,756	1/4	92,539	1/4	103,321
1/2	6,755	1/2	17,562	1/2	28,257	1/2	38,908	1/2	49,687	1/2	60,467	1/2	71,231	1/2	81,980	1/2	92,763	1/2	103,546
3/4	6,980	3/4	17,787	3/4	28,475	3/4	39,133	3/4	49,912	3/4	60,691	3/4	71,454	3/4	82,205	3/4	92,988	3/4	103,771
11	7,205	11	18,012	11	28,694	11	39,357	11	50,137	11	60,916	11	71,677	11	82,430	11	93,212	11	103,995
1/4	7,430	1/4	18,237	1/4	28,913	1/4	39,582	1/4	50,361	1/4	61,141	1/4	71,901	1/4	82,654	1/4	93,437	1/4	104,220
1/2	7,655	1/2	18,462	1/2	29,132	1/2	39,806	1/2	50,586	1/2	61,365	1/2	72,124	1/2	82,879	1/2	93,662	1/2	104,444
3/4	7,880	3/4	18,687	3/4	29,350	3/4	40,031	3/4	50,810	3/4	61,590	3/4	72,347	3/4	83,104	3/4	93,886	3/4	104,669

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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BARGE "CBC 1382"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,894	0	115,012	0	124,488	0	133,922	0	143,339	0		0		0		0		0	
1/4	105,118	1/4	115,209	1/4	124,685	1/4	134,119	1/4	143,534	1/4		1/4		1/4		1/4		1/4	
1/2	105,343	1/2	115,407	1/2	124,882	1/2	134,316	1/2	143,729	1/2		1/2		1/2		1/2		1/2	
3/4	105,567	3/4	115,604	3/4	125,079	3/4	134,513	3/4	143,924	3/4		3/4		3/4		3/4		3/4	
1	105,791	1	115,802	1	125,276	1	134,709	1	144,119	1		1		1		1		1	
1/4	106,016	1/4	115,999	1/4	125,472	1/4	134,906	1/4	144,314	1/4		1/4		1/4		1/4		1/4	
1/2	106,240	1/2	116,196	1/2	125,669	1/2	135,103	1/2	144,508	1/2		1/2		1/2		1/2		1/2	
3/4	106,464	3/4	116,394	3/4	125,866	3/4	135,300	3/4	144,703	3/4		3/4		3/4		3/4		3/4	
2	106,689	2	116,591	2	126,063	2	135,497	2	144,898	2		2		2		2		2	
1/4	106,913	1/4	116,789	1/4	126,260	1/4	135,694	1/4	145,102	1/4		1/4		1/4		1/4		1/4	
1/2	107,138	1/2	116,986	1/2	126,457	1/2	135,891	1/2	145,305	1/2		1/2		1/2		1/2		1/2	
3/4	107,362	3/4	117,184	3/4	126,654	3/4	136,088	3/4	145,509	3/4		3/4		3/4		3/4		3/4	
3	107,586	3	117,381	3	126,851	3	136,285	3	145,713	3		3		3		3		3	
1/4	107,811	1/4	117,578	1/4	127,048	1/4	136,481	1/4	145,879	1/4		1/4		1/4		1/4		1/4	
1/2	108,035	1/2	117,776	1/2	127,244	1/2	136,678	1/2	146,045	1/2		1/2		1/2		1/2		1/2	
3/4	108,260	3/4	117,973	3/4	127,441	3/4	136,875	3/4	146,212	3/4		3/4		3/4		3/4		3/4	
4	108,484	4	118,171	4	127,638	4	137,072	4	146,378	4		4		4		4		4	
1/4	108,708	1/4	118,368	1/4	127,835	1/4	137,269	1/4	146,506	1/4		1/4		1/4		1/4		1/4	
1/2	108,933	1/2	118,565	1/2	128,032	1/2	137,466	1/2	146,635	1/2		1/2		1/2		1/2		1/2	
3/4	109,157	3/4	118,763	3/4	128,229	3/4	137,663	3/4	146,764	3/4		3/4		3/4		3/4		3/4	
5	109,382	5	118,960	5	128,426	5	137,860	5	146,892	5		5		5		5		5	
1/4	109,606	1/4	119,158	1/4	128,623	1/4	138,057	1/4	146,984	1/4		1/4		1/4		1/4		1/4	
1/2	109,830	1/2	119,355	1/2	128,820	1/2	138,253	1/2	147,075	1/2		1/2		1/2		1/2		1/2	
3/4	110,055	3/4	119,553	3/4	129,016	3/4	138,450	3/4	147,166	3/4		3/4		3/4		3/4		3/4	
6	110,279	6	119,750	6	129,213	6	138,647	6	147,257	6		6		6		6		6	
1/4	110,476	1/4	119,947	1/4	129,410	1/4	138,844	1/4	147,311	1/4		1/4		1/4		1/4		1/4	
1/2	110,674	1/2	120,145	1/2	129,606	1/2	139,041	1/2	147,364	1/2		1/2		1/2		1/2		1/2	
3/4	110,871	3/4	120,342	3/4	129,802	3/4	139,238	3/4	147,418	3/4		3/4		3/4		3/4		3/4	
7	111,068	7	120,540	7	129,998	7	139,435	7	147,472	7		7		7		7		7	
1/4	111,265	1/4	120,737	1/4	130,194	1/4	139,632	1/4	147,488	1/4		1/4		1/4		1/4		1/4	
1/2	111,462	1/2	120,934	1/2	130,390	1/2	139,829	1/2	147,504	1/2		1/2		1/2		1/2		1/2	
3/4	111,660	3/4	121,132	3/4	130,587	3/4	140,026	3/4	147,520	3/4		3/4		3/4		3/4		3/4	
8	111,857	8	121,329	8	130,783	8	140,222	8	147,536	8		8		8		8		8	
1/4	112,054	1/4	121,527	1/4	130,979	1/4	140,417	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,251	1/2	121,724	1/2	131,175	1/2	140,612	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,448	3/4	121,922	3/4	131,371	3/4	140,807	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,646	9	122,119	9	131,568	9	141,002	9		9		9		9		9		9	
1/4	112,843	1/4	122,316	1/4	131,764	1/4	141,196	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,040	1/2	122,514	1/2	131,960	1/2	141,391	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,237	3/4	122,711	3/4	132,156	3/4	141,586	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,434	10	122,909	10	132,352	10	141,781	10		10		10		10		10		10	
1/4	113,632	1/4	123,106	1/4	132,549	1/4	141,976	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,829	1/2	123,303	1/2	132,745	1/2	142,171	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,026	3/4	123,501	3/4	132,941	3/4	142,365	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,223	11	123,698	11	133,137	11	142,560	11		11		11		11		11		11	
1/4	114,420	1/4	123,896	1/4	133,333	1/4	142,755	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,618	1/2	124,093	1/2	133,530	1/2	142,950	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,815	3/4	124,291	3/4	133,726	3/4	143,145	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/30/2015 SW
CALCULATED: 06/02/2014 CL
PRINTED: 06/02/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1382"

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

June 2, 2015

**PRECISION MEASUREMENT
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BARGE "CBC 1382"

3 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	151,449	0	142,745	0	132,089	0	121,410	0	110,696	0	99,982	0	89,269	0	78,554
1/4	1/4	1/4	1/4	1/4	151,396	1/4	142,523	1/4	131,868	1/4	121,187	1/4	110,473	1/4	99,759	1/4	89,046	1/4	78,331
1/2	1/2	1/2	1/2	1/2	151,344	1/2	142,301	1/2	131,646	1/2	120,964	1/2	110,250	1/2	99,536	1/2	88,822	1/2	78,108
3/4	3/4	3/4	3/4	3/4	151,291	3/4	142,079	3/4	131,424	3/4	120,740	3/4	110,027	3/4	99,313	3/4	88,599	3/4	77,884
1	1	1	1	1	151,239	1	141,857	1	131,202	1	120,517	1	109,803	1	99,090	1	88,376	1	77,661
1/4	1/4	1/4	1/4	1/4	151,149	1/4	141,635	1/4	130,980	1/4	120,294	1/4	109,580	1/4	98,866	1/4	88,153	1/4	77,438
1/2	1/2	1/2	1/2	1/2	151,060	1/2	141,413	1/2	130,758	1/2	120,071	1/2	109,357	1/2	98,643	1/2	87,930	1/2	77,215
3/4	3/4	3/4	3/4	3/4	150,970	3/4	141,191	3/4	130,536	3/4	119,848	3/4	109,134	3/4	98,420	3/4	87,706	3/4	76,992
2	2	2	2	2	150,880	2	140,969	2	130,314	2	119,624	2	108,911	2	98,197	2	87,483	2	76,768
1/4	1/4	1/4	1/4	1/4	150,753	1/4	140,747	1/4	130,092	1/4	119,401	1/4	108,687	1/4	97,974	1/4	87,260	1/4	76,545
1/2	1/2	1/2	1/2	1/2	150,626	1/2	140,525	1/2	129,870	1/2	119,178	1/2	108,464	1/2	97,750	1/2	87,037	1/2	76,322
3/4	3/4	3/4	3/4	3/4	150,499	3/4	140,303	3/4	129,648	3/4	118,955	3/4	108,241	3/4	97,527	3/4	86,813	3/4	76,099
3	3	3	3	3	150,372	3	140,081	3	129,426	3	118,732	3	108,018	3	97,304	3	86,590	3	75,875
1/4	1/4	1/4	1/4	1/4	150,208	1/4	139,859	1/4	129,204	1/4	118,508	1/4	107,795	1/4	97,081	1/4	86,367	1/4	75,652
1/2	1/2	1/2	1/2	1/2	150,044	1/2	139,637	1/2	128,982	1/2	118,285	1/2	107,571	1/2	96,858	1/2	86,144	1/2	75,429
3/4	3/4	3/4	3/4	3/4	149,880	3/4	139,415	3/4	128,760	3/4	118,062	3/4	107,348	3/4	96,634	3/4	85,921	3/4	75,206
4	4	4	4	4	149,716	4	139,193	4	128,538	4	117,839	4	107,125	4	96,411	4	85,697	4	74,982
1/4	1/4	1/4	1/4	1/4	149,515	1/4	138,971	1/4	128,316	1/4	117,616	1/4	106,902	1/4	96,188	1/4	85,474	1/4	74,759
1/2	1/2	1/2	1/2	1/2	149,313	1/2	138,749	1/2	128,094	1/2	117,392	1/2	106,679	1/2	95,965	1/2	85,251	1/2	74,536
3/4	3/4	3/4	3/4	3/4	149,112	3/4	138,527	3/4	127,872	3/4	117,169	3/4	106,455	3/4	95,742	3/4	85,028	3/4	74,313
5	5	5	5	5	148,911	5	138,305	5	127,650	5	116,946	5	106,232	5	95,518	5	84,805	5	74,089
1/4	1/4	1/4	1/4	1/4	148,691	1/4	138,083	1/4	127,428	1/4	116,723	1/4	106,009	1/4	95,295	1/4	84,581	1/4	73,866
1/2	1/2	1/2	1/2	1/2	148,471	1/2	137,861	1/2	127,206	1/2	116,500	1/2	105,786	1/2	95,072	1/2	84,358	1/2	73,643
3/4	3/4	3/4	3/4	3/4	148,251	3/4	137,639	3/4	126,984	3/4	116,276	3/4	105,563	3/4	94,849	3/4	84,135	3/4	73,420
6	6	6	6	6	148,031	6	137,417	6	126,762	6	116,053	6	105,339	6	94,626	6	83,912	6	73,196
1/4	1/4	1/4	1/4	1/4	147,811	1/4	137,195	1/4	126,540	1/4	115,830	1/4	105,116	1/4	94,402	1/4	83,689	1/4	72,973
1/2	1/2	1/2	1/2	1/2	147,591	1/2	136,973	1/2	126,318	1/2	115,607	1/2	104,893	1/2	94,179	1/2	83,465	1/2	72,750
3/4	3/4	3/4	3/4	3/4	147,371	3/4	136,751	3/4	126,096	3/4	115,384	3/4	104,670	3/4	93,956	3/4	83,242	3/4	72,527
7	7	7	7	7	147,151	7	136,529	7	125,874	7	115,160	7	104,447	7	93,733	7	83,019	7	72,303
1/4	1/4	1/4	1/4	1/4	146,931	1/4	136,307	1/4	125,651	1/4	114,937	1/4	104,223	1/4	93,510	1/4	82,796	1/4	72,080
1/2	1/2	1/2	1/2	1/2	146,711	1/2	136,085	1/2	125,428	1/2	114,714	1/2	104,000	1/2	93,286	1/2	82,573	1/2	71,857
3/4	3/4	3/4	3/4	3/4	146,491	3/4	135,863	3/4	125,204	3/4	114,491	3/4	103,777	3/4	93,063	3/4	82,349	3/4	71,634
8	8	8	8	8	146,272	8	135,641	8	124,981	8	114,268	8	103,554	8	92,840	8	82,126	8	71,411
1/4	1/4	1/4	1/4	1/4	146,052	1/4	135,419	1/4	124,758	1/4	114,044	1/4	103,331	1/4	92,617	1/4	81,903	1/4	71,187
1/2	1/2	1/2	1/2	1/2	145,832	1/2	135,197	1/2	124,535	1/2	113,821	1/2	103,107	1/2	92,394	1/2	81,680	1/2	70,964
3/4	3/4	3/4	3/4	3/4	145,612	3/4	134,975	3/4	124,312	3/4	113,598	3/4	102,884	3/4	92,170	3/4	81,456	3/4	70,741
9	9	9	9	9	145,392	9	134,753	9	124,088	9	113,375	9	102,661	9	91,947	9	81,233	9	70,518
1/4	1/4	1/4	1/4	1/4	145,172	1/4	134,531	1/4	123,865	1/4	113,151	1/4	102,438	1/4	91,724	1/4	81,010	1/4	70,294
1/2	1/2	1/2	1/2	1/2	144,952	1/2	134,309	1/2	123,642	1/2	112,928	1/2	102,215	1/2	91,501	1/2	80,787	1/2	70,071
3/4	3/4	3/4	3/4	3/4	144,732	3/4	134,087	3/4	123,419	3/4	112,705	3/4	101,991	3/4	91,278	3/4	80,563	3/4	69,848
10	10	10	10	10	144,512	10	133,865	10	123,196	10	112,482	10	101,768	10	91,054	10	80,340	10	69,625
1/4	1/4	1/4	1/4	1/4	144,292	1/4	133,643	1/4	122,972	1/4	112,259	1/4	101,545	1/4	90,831	1/4	80,117	1/4	69,401
1/2	1/2	1/2	1/2	1/2	144,072	1/2	133,421	1/2	122,749	1/2	112,035	1/2	101,322	1/2	90,608	1/2	79,894	1/2	69,178
3/4	3/4	3/4	3/4	3/4	143,852	3/4	133,199	3/4	122,526	3/4	111,812	3/4	101,099	3/4	90,385	3/4	79,670	3/4	68,955
11	11	11	11	11	151,510	11	143,632	11	132,977	11	111,589	11	100,875	11	90,162	11	79,447	11	68,732
1/4	1/4	1/4	1/4	1/4	151,495	1/4	143,410	1/4	132,755	1/4	111,366	1/4	100,652	1/4	89,938	1/4	79,224	1/4	68,508
1/2	1/2	1/2	1/2	1/2	151,479	1/2	143,188	1/2	132,533	1/2	111,143	1/2	100,429	1/2	89,715	1/2	79,001	1/2	68,285
3/4	3/4	3/4	3/4	3/4	151,464	3/4	142,966	3/4	132,311	3/4	110,919	3/4	100,206	3/4	89,492	3/4	78,777	3/4	68,062

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1382"

3 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	67,839	0	57,123	0	46,408	0	35,692	0	25,001	0	14,287	0	3,591	0					
1/4	67,615	1/4	56,900	1/4	46,184	1/4	35,469	1/4	24,778	1/4	14,064	1/4	3,372	1/4					1/4
1/2	67,392	1/2	56,677	1/2	45,961	1/2	35,245	1/2	24,555	1/2	13,841	1/2	3,153	1/2					1/2
3/4	67,169	3/4	56,453	3/4	45,738	3/4	35,022	3/4	24,332	3/4	13,617	3/4	2,934	3/4					3/4
1	66,946	1	56,230	1	45,515	1	34,799	1	24,109	1	13,394	1	2,716	1					1
1/4	66,722	1/4	56,007	1/4	45,291	1/4	34,576	1/4	23,886	1/4	13,171	1/4	2,512	1/4					1/4
1/2	66,499	1/2	55,784	1/2	45,068	1/2	34,353	1/2	23,663	1/2	12,948	1/2	2,308	1/2					1/2
3/4	66,276	3/4	55,560	3/4	44,845	3/4	34,129	3/4	23,440	3/4	12,724	3/4	2,103	3/4					3/4
2	66,053	2	55,337	2	44,622	2	33,906	2	23,216	2	12,501	2	1,899	2					2
1/4	65,829	1/4	55,114	1/4	44,398	1/4	33,683	1/4	22,993	1/4	12,278	1/4	1,732	1/4					1/4
1/2	65,606	1/2	54,891	1/2	44,175	1/2	33,460	1/2	22,770	1/2	12,055	1/2	1,565	1/2					1/2
3/4	65,383	3/4	54,667	3/4	43,952	3/4	33,236	3/4	22,547	3/4	11,832	3/4	1,397	3/4					3/4
3	65,160	3	54,444	3	43,729	3	33,013	3	22,323	3	11,608	3	1,230	3					3
1/4	64,937	1/4	54,221	1/4	43,505	1/4	32,791	1/4	22,100	1/4	11,385	1/4	1,100	1/4					1/4
1/2	64,713	1/2	53,998	1/2	43,282	1/2	32,568	1/2	21,877	1/2	11,162	1/2	969	1/2					1/2
3/4	64,490	3/4	53,774	3/4	43,059	3/4	32,345	3/4	21,654	3/4	10,939	3/4	839	3/4					3/4
4	64,267	4	53,551	4	42,836	4	32,123	4	21,430	4	10,715	4	709	4					4
1/4	64,044	1/4	53,328	1/4	42,612	1/4	31,900	1/4	21,207	1/4	10,492	1/4	616	1/4					1/4
1/2	63,820	1/2	53,105	1/2	42,389	1/2	31,678	1/2	20,984	1/2	10,269	1/2	523	1/2					1/2
3/4	63,597	3/4	52,882	3/4	42,166	3/4	31,455	3/4	20,761	3/4	10,046	3/4	430	3/4					3/4
5	63,374	5	52,658	5	41,943	5	31,233	5	20,538	5	9,822	5	337	5					5
1/4	63,151	1/4	52,435	1/4	41,719	1/4	31,010	1/4	20,314	1/4	9,599	1/4	281	1/4					1/4
1/2	62,927	1/2	52,212	1/2	41,496	1/2	30,788	1/2	20,091	1/2	9,376	1/2	225	1/2					1/2
3/4	62,704	3/4	51,989	3/4	41,273	3/4	30,565	3/4	19,868	3/4	9,153	3/4	169	3/4					3/4
6	62,481	6	51,765	6	41,050	6	30,343	6	19,645	6	8,930	6	114	6					6
1/4	62,258	1/4	51,542	1/4	40,826	1/4	30,120	1/4	19,421	1/4	8,706	1/4	95	1/4					1/4
1/2	62,034	1/2	51,319	1/2	40,603	1/2	29,898	1/2	19,198	1/2	8,483	1/2	76	1/2					1/2
3/4	61,811	3/4	51,096	3/4	40,380	3/4	29,675	3/4	18,975	3/4	8,260	3/4	58	3/4					3/4
7	61,588	7	50,872	7	40,157	7	29,453	7	18,752	7	8,037	7	39	7					7
1/4	61,365	1/4	50,649	1/4	39,934	1/4	29,230	1/4	18,528	1/4	7,813	1/4		1/4					1/4
1/2	61,141	1/2	50,426	1/2	39,710	1/2	29,008	1/2	18,305	1/2	7,590	1/2		1/2					1/2
3/4	60,918	3/4	50,203	3/4	39,487	3/4	28,785	3/4	18,082	3/4	7,367	3/4		3/4					3/4
8	60,695	8	49,979	8	39,264	8	28,563	8	17,859	8	7,144	8	8	8					8
1/4	60,472	1/4	49,756	1/4	39,041	1/4	28,340	1/4	17,636	1/4	6,921	1/4		1/4					1/4
1/2	60,248	1/2	49,533	1/2	38,817	1/2	28,118	1/2	17,412	1/2	6,698	1/2		1/2					1/2
3/4	60,025	3/4	49,310	3/4	38,594	3/4	27,895	3/4	17,189	3/4	6,475	3/4		3/4					3/4
9	59,802	9	49,086	9	38,371	9	27,672	9	16,966	9	6,252	9	9	9					9
1/4	59,579	1/4	48,863	1/4	38,148	1/4	27,450	1/4	16,743	1/4	6,029	1/4		1/4					1/4
1/2	59,355	1/2	48,640	1/2	37,924	1/2	27,227	1/2	16,519	1/2	5,806	1/2		1/2					1/2
3/4	59,132	3/4	48,417	3/4	37,701	3/4	27,005	3/4	16,296	3/4	5,584	3/4		3/4					3/4
10	58,909	10	48,193	10	37,478	10	26,782	10	16,073	10	5,361	10	10	10					10
1/4	58,686	1/4	47,970	1/4	37,255	1/4	26,560	1/4	15,850	1/4	5,139	1/4		1/4					1/4
1/2	58,463	1/2	47,747	1/2	37,031	1/2	26,337	1/2	15,626	1/2	4,917	1/2		1/2					1/2
3/4	58,239	3/4	47,524	3/4	36,808	3/4	26,115	3/4	15,403	3/4	4,696	3/4		3/4					3/4
11	58,016	11	47,300	11	36,585	11	25,892	11	15,180	11	4,474	11	11	11					11
1/4	57,793	1/4	47,077	1/4	36,362	1/4	25,669	1/4	14,957	1/4	4,253	1/4		1/4					1/4
1/2	57,570	1/2	46,854	1/2	36,138	1/2	25,447	1/2	14,734	1/2	4,032	1/2		1/2					1/2
3/4	57,346	3/4	46,631	3/4	35,915	3/4	25,224	3/4	14,510	3/4	3,812	3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/30/2015 SW
CALCULATED: 06/02/2014 CL
PRINTED: 06/02/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1382"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	170,689	0	161,801	0	149,779	0	137,735	0	125,645	0	113,556	0	101,467	0	89,377
1/4	1/4	1/4	1/4	1/4	170,672	1/4	161,550	1/4	149,528	1/4	137,483	1/4	125,393	1/4	113,304	1/4	101,215	1/4	89,125
1/2	1/2	1/2	1/2	1/2	170,655	1/2	161,300	1/2	149,278	1/2	137,231	1/2	125,142	1/2	113,052	1/2	100,963	1/2	88,873
3/4	3/4	3/4	3/4	3/4	170,637	3/4	161,050	3/4	149,028	3/4	136,979	3/4	124,890	3/4	112,801	3/4	100,711	3/4	88,621
1	1	1	1	1	170,620	1	160,799	1	148,777	1	136,727	1	124,638	1	112,549	1	100,460	1	88,369
1/4	1/4	1/4	1/4	1/4	170,561	1/4	160,549	1/4	148,527	1/4	136,475	1/4	124,386	1/4	112,297	1/4	100,208	1/4	88,118
1/2	1/2	1/2	1/2	1/2	170,502	1/2	160,298	1/2	148,276	1/2	136,223	1/2	124,134	1/2	112,045	1/2	99,956	1/2	87,866
3/4	3/4	3/4	3/4	3/4	170,442	3/4	160,048	3/4	148,026	3/4	135,972	3/4	123,882	3/4	111,793	3/4	99,704	3/4	87,614
2	2	2	2	2	170,383	2	159,797	2	147,775	2	135,720	2	123,630	2	111,541	2	99,452	2	87,362
1/4	1/4	1/4	1/4	1/4	170,282	1/4	159,547	1/4	147,525	1/4	135,468	1/4	123,379	1/4	111,289	1/4	99,200	1/4	87,110
1/2	1/2	1/2	1/2	1/2	170,181	1/2	159,296	1/2	147,274	1/2	135,216	1/2	123,127	1/2	111,038	1/2	98,948	1/2	86,858
3/4	3/4	3/4	3/4	3/4	170,080	3/4	159,046	3/4	147,024	3/4	134,964	3/4	122,875	3/4	110,786	3/4	98,696	3/4	86,606
3	3	3	3	3	169,978	3	158,795	3	146,773	3	134,712	3	122,623	3	110,534	3	98,445	3	86,354
1/4	1/4	1/4	1/4	1/4	169,835	1/4	158,545	1/4	146,523	1/4	134,460	1/4	122,371	1/4	110,282	1/4	98,193	1/4	86,102
1/2	1/2	1/2	1/2	1/2	169,692	1/2	158,294	1/2	146,273	1/2	134,209	1/2	122,119	1/2	110,030	1/2	97,941	1/2	85,850
3/4	3/4	3/4	3/4	3/4	169,549	3/4	158,044	3/4	146,022	3/4	133,957	3/4	121,867	3/4	109,778	3/4	97,689	3/4	85,599
4	4	4	4	4	169,406	4	157,794	4	145,772	4	133,705	4	121,616	4	109,526	4	97,437	4	85,347
1/4	1/4	1/4	1/4	1/4	169,220	1/4	157,543	1/4	145,521	1/4	133,453	1/4	121,364	1/4	109,275	1/4	97,185	1/4	85,095
1/2	1/2	1/2	1/2	1/2	169,035	1/2	157,293	1/2	145,271	1/2	133,201	1/2	121,112	1/2	109,023	1/2	96,933	1/2	84,843
3/4	3/4	3/4	3/4	3/4	168,850	3/4	157,042	3/4	145,020	3/4	132,949	3/4	120,860	3/4	108,771	3/4	96,682	3/4	84,591
5	5	5	5	5	168,665	5	156,792	5	144,770	5	132,697	5	120,608	5	108,519	5	96,430	5	84,339
1/4	1/4	1/4	1/4	1/4	168,438	1/4	156,541	1/4	144,519	1/4	132,446	1/4	120,356	1/4	108,267	1/4	96,178	1/4	84,087
1/2	1/2	1/2	1/2	1/2	168,211	1/2	156,291	1/2	144,269	1/2	132,194	1/2	120,104	1/2	108,015	1/2	95,926	1/2	83,835
3/4	3/4	3/4	3/4	3/4	167,984	3/4	156,040	3/4	144,018	3/4	131,942	3/4	119,853	3/4	107,763	3/4	95,674	3/4	83,583
6	6	6	6	6	167,756	6	155,790	6	143,768	6	131,690	6	119,601	6	107,512	6	95,422	6	83,331
1/4	1/4	1/4	1/4	1/4	167,508	1/4	155,539	1/4	143,517	1/4	131,438	1/4	119,349	1/4	107,260	1/4	95,170	1/4	83,079
1/2	1/2	1/2	1/2	1/2	167,260	1/2	155,289	1/2	143,267	1/2	131,186	1/2	119,097	1/2	107,008	1/2	94,919	1/2	82,828
3/4	3/4	3/4	3/4	3/4	167,012	3/4	155,039	3/4	143,017	3/4	130,934	3/4	118,845	3/4	106,756	3/4	94,667	3/4	82,576
7	7	7	7	7	166,764	7	154,788	7	142,766	7	130,682	7	118,593	7	106,504	7	94,415	7	82,324
1/4	1/4	1/4	1/4	1/4	166,516	1/4	154,538	1/4	142,516	1/4	130,431	1/4	118,341	1/4	106,252	1/4	94,163	1/4	82,072
1/2	1/2	1/2	1/2	1/2	166,267	1/2	154,287	1/2	142,265	1/2	130,179	1/2	118,090	1/2	106,000	1/2	93,911	1/2	81,820
3/4	3/4	3/4	3/4	3/4	166,019	3/4	154,037	3/4	142,015	3/4	129,927	3/4	117,838	3/4	105,749	3/4	93,659	3/4	81,568
8	8	8	8	8	165,771	8	153,786	8	141,764	8	129,675	8	117,586	8	105,497	8	93,407	8	81,316
1/4	1/4	1/4	1/4	1/4	165,523	1/4	153,536	1/4	141,512	1/4	129,423	1/4	117,334	1/4	105,245	1/4	93,156	1/4	81,064
1/2	1/2	1/2	1/2	1/2	165,275	1/2	153,285	1/2	141,261	1/2	129,171	1/2	117,082	1/2	104,993	1/2	92,904	1/2	80,812
3/4	3/4	3/4	3/4	3/4	165,027	3/4	153,035	3/4	141,009	3/4	128,919	3/4	116,830	3/4	104,741	3/4	92,652	3/4	80,560
9	9	9	9	9	164,779	9	152,784	9	140,757	9	128,668	9	116,578	9	104,489	9	92,400	9	80,309
1/4	1/4	1/4	1/4	1/4	164,530	1/4	152,534	1/4	140,505	1/4	128,416	1/4	116,327	1/4	104,237	1/4	92,148	1/4	80,057
1/2	1/2	1/2	1/2	1/2	164,282	1/2	152,284	1/2	140,253	1/2	128,164	1/2	116,075	1/2	103,986	1/2	91,896	1/2	79,805
3/4	3/4	3/4	3/4	3/4	164,034	3/4	152,033	3/4	140,001	3/4	127,912	3/4	115,823	3/4	103,734	3/4	91,644	3/4	79,553
10	10	10	10	10	163,786	10	151,783	10	139,749	10	127,660	10	115,571	10	103,482	10	91,392	10	79,301
1/4	1/4	1/4	1/4	1/4	163,538	1/4	151,532	1/4	139,498	1/4	127,408	1/4	115,319	1/4	103,230	1/4	91,140	1/4	79,049
1/2	1/2	1/2	1/2	1/2	163,290	1/2	151,282	1/2	139,246	1/2	127,156	1/2	115,067	1/2	102,978	1/2	90,888	1/2	78,797
3/4	3/4	3/4	3/4	3/4	163,042	3/4	151,031	3/4	138,994	3/4	126,905	3/4	114,815	3/4	102,726	3/4	90,637	3/4	78,545
11	11	11	11	11	162,793	11	150,781	11	138,742	11	126,653	11	114,564	11	102,474	11	90,385	11	78,293
1/4	1/4	1/4	1/4	1/4	162,545	1/4	150,530	1/4	138,490	1/4	126,401	1/4	114,312	1/4	102,223	1/4	90,133	1/4	78,041
1/2	1/2	1/2	1/2	1/2	162,297	1/2	150,280	1/2	138,238	1/2	126,149	1/2	114,060	1/2	101,971	1/2	89,881	1/2	77,790
3/4	3/4	3/4	3/4	3/4	162,049	3/4	150,029	3/4	137,986	3/4	125,897	3/4	113,808	3/4	101,719	3/4	89,629	3/4	77,538

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 1382"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	77,286	0	65,194	0	53,103	0	41,012	0	29,187	0	17,124	0	5,043	0					
1/4	77,034	1/4	64,943	1/4	52,851	1/4	40,760	1/4	28,942	1/4	16,872	1/4	4,794	1/4					1/4
1/2	76,782	1/2	64,691	1/2	52,599	1/2	40,508	1/2	28,697	1/2	16,620	1/2	4,545	1/2					1/2
3/4	76,530	3/4	64,439	3/4	52,347	3/4	40,256	3/4	28,452	3/4	16,368	3/4	4,296	3/4					3/4
1	76,278	1	64,187	1	52,096	1	40,004	1	28,207	1	16,116	1	4,047	1					1
1/4	76,026	1/4	63,935	1/4	51,844	1/4	39,752	1/4	27,955	1/4	15,865	1/4	3,800	1/4					1/4
1/2	75,774	1/2	63,683	1/2	51,592	1/2	39,501	1/2	27,703	1/2	15,613	1/2	3,553	1/2					1/2
3/4	75,522	3/4	63,431	3/4	51,340	3/4	39,249	3/4	27,452	3/4	15,361	3/4	3,306	3/4					3/4
2	75,271	2	63,179	2	51,088	2	38,997	2	27,200	2	15,109	2	3,059	2					2
1/4	75,019	1/4	62,927	1/4	50,836	1/4	38,745	1/4	26,948	1/4	14,857	1/4	2,829	1/4					1/4
1/2	74,767	1/2	62,675	1/2	50,584	1/2	38,493	1/2	26,696	1/2	14,605	1/2	2,599	1/2					1/2
3/4	74,515	3/4	62,424	3/4	50,332	3/4	38,241	3/4	26,444	3/4	14,353	3/4	2,369	3/4					3/4
3	74,263	3	62,172	3	50,080	3	37,989	3	26,192	3	14,101	3	2,138	3					3
1/4	74,011	1/4	61,920	1/4	49,828	1/4	37,744	1/4	25,940	1/4	13,849	1/4	1,949	1/4					1/4
1/2	73,759	1/2	61,668	1/2	49,577	1/2	37,499	1/2	25,688	1/2	13,597	1/2	1,761	1/2					1/2
3/4	73,507	3/4	61,416	3/4	49,325	3/4	37,255	3/4	25,436	3/4	13,346	3/4	1,572	3/4					3/4
4	73,255	4	61,164	4	49,073	4	37,010	4	25,185	4	13,094	4	1,383	4					4
1/4	73,003	1/4	60,912	1/4	48,821	1/4	36,765	1/4	24,933	1/4	12,842	1/4	1,236	1/4					1/4
1/2	72,752	1/2	60,660	1/2	48,569	1/2	36,521	1/2	24,681	1/2	12,590	1/2	1,089	1/2					1/2
3/4	72,500	3/4	60,408	3/4	48,317	3/4	36,276	3/4	24,429	3/4	12,338	3/4	942	3/4					3/4
5	72,248	5	60,156	5	48,065	5	36,032	5	24,177	5	12,086	5	795	5					5
1/4	71,996	1/4	59,905	1/4	47,813	1/4	35,787	1/4	23,925	1/4	11,834	1/4	690	1/4					1/4
1/2	71,744	1/2	59,653	1/2	47,561	1/2	35,543	1/2	23,673	1/2	11,582	1/2	585	1/2					1/2
3/4	71,492	3/4	59,401	3/4	47,309	3/4	35,298	3/4	23,421	3/4	11,330	3/4	480	3/4					3/4
6	71,240	6	59,149	6	47,058	6	35,054	6	23,169	6	11,079	6	375	6					6
1/4	70,988	1/4	58,897	1/4	46,806	1/4	34,809	1/4	22,917	1/4	10,827	1/4	312	1/4					1/4
1/2	70,736	1/2	58,645	1/2	46,554	1/2	34,565	1/2	22,666	1/2	10,575	1/2	249	1/2					1/2
3/4	70,484	3/4	58,393	3/4	46,302	3/4	34,321	3/4	22,414	3/4	10,323	3/4	186	3/4					3/4
7	70,233	7	58,141	7	46,050	7	34,076	7	22,162	7	10,071	7	123	7					7
1/4	69,981	1/4	57,889	1/4	45,798	1/4	33,832	1/4	21,910	1/4	9,819	1/4	102	1/4					1/4
1/2	69,729	1/2	57,637	1/2	45,546	1/2	33,587	1/2	21,658	1/2	9,567	1/2	81	1/2					1/2
3/4	69,477	3/4	57,386	3/4	45,294	3/4	33,343	3/4	21,406	3/4	9,315	3/4	60	3/4					3/4
8	69,225	8	57,134	8	45,042	8	33,098	8	21,154	8	9,063	8	39	8					8
1/4	68,973	1/4	56,882	1/4	44,790	1/4	32,854	1/4	20,902	1/4	8,812	1/4		1/4					1/4
1/2	68,721	1/2	56,630	1/2	44,539	1/2	32,609	1/2	20,650	1/2	8,560	1/2		1/2					1/2
3/4	68,469	3/4	56,378	3/4	44,287	3/4	32,365	3/4	20,399	3/4	8,308	3/4		3/4					3/4
9	68,217	9	56,126	9	44,035	9	32,120	9	20,147	9	8,056	9		9					9
1/4	67,965	1/4	55,874	1/4	43,783	1/4	31,876	1/4	19,895	1/4	7,804	1/4		1/4					1/4
1/2	67,713	1/2	55,622	1/2	43,531	1/2	31,631	1/2	19,643	1/2	7,553	1/2		1/2					1/2
3/4	67,462	3/4	55,370	3/4	43,279	3/4	31,387	3/4	19,391	3/4	7,301	3/4		3/4					3/4
10	67,210	10	55,118	10	43,027	10	31,142	10	19,139	10	7,049	10		10					10
1/4	66,958	1/4	54,867	1/4	42,775	1/4	30,898	1/4	18,887	1/4	6,798	1/4		1/4					1/4
1/2	66,706	1/2	54,615	1/2	42,523	1/2	30,653	1/2	18,635	1/2	6,547	1/2		1/2					1/2
3/4	66,454	3/4	54,363	3/4	42,271	3/4	30,409	3/4	18,383	3/4	6,296	3/4		3/4					3/4
11	66,202	11	54,111	11	42,020	11	30,164	11	18,132	11	6,045	11		11					11
1/4	65,950	1/4	53,859	1/4	41,768	1/4	29,920	1/4	17,880	1/4	5,794	1/4		1/4					1/4
1/2	65,698	1/2	53,607	1/2	41,516	1/2	29,676	1/2	17,628	1/2	5,544	1/2		1/2					1/2
3/4	65,446	3/4	53,355	3/4	41,264	3/4	29,431	3/4	17,376	3/4	5,293	3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/30/2015 SW
CALCULATED: 06/02/2014 CL
PRINTED: 06/02/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1382"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	
0	0	0	0	147,504	0	139,829	0	130,390	0	120,934	0	111,462	0	100,850	0	90,068	0	79,284		
1/4	1/4	1/4	1/4	147,488	1/4	139,812	1/4	130,374	1/4	120,917	1/4	111,445	1/4	100,833	1/4	89,843	1/4	79,060		
1/2	1/2	1/2	1/2	147,472	1/2	139,795	1/2	129,998	1/2	120,540	1/2	111,068	1/2	100,401	1/2	89,618	1/2	78,835		
3/4	3/4	3/4	3/4	147,418	3/4	139,238	3/4	129,802	3/4	120,342	3/4	110,871	3/4	100,176	3/4	89,394	3/4	78,610		
1	1	1	1	147,364	1	139,041	1	129,606	1	120,145	1	110,674	1	99,952	1	89,169	1	78,386		
1/4	1/4	1/4	1/4	147,311	1/4	138,844	1/4	129,410	1/4	119,947	1/4	110,476	1/4	99,727	1/4	88,944	1/4	78,161		
1/2	1/2	1/2	1/2	147,257	1/2	138,647	1/2	129,213	1/2	119,750	1/2	110,279	1/2	99,502	1/2	88,720	1/2	77,936		
3/4	3/4	3/4	3/4	147,166	3/4	138,450	3/4	129,016	3/4	119,553	3/4	110,055	3/4	99,278	3/4	88,495	3/4	77,712		
2	2	2	2	147,075	2	138,253	2	128,820	2	119,355	2	109,830	2	99,053	2	88,270	2	77,487		
1/4	1/4	1/4	1/4	146,984	1/4	138,057	1/4	128,623	1/4	119,158	1/4	109,606	1/4	98,828	1/4	88,046	1/4	77,262		
1/2	1/2	1/2	1/2	146,892	1/2	137,860	1/2	128,426	1/2	118,960	1/2	109,382	1/2	98,604	1/2	87,821	1/2	77,038		
3/4	3/4	3/4	3/4	146,764	3/4	137,663	3/4	128,229	3/4	118,763	3/4	109,157	3/4	98,379	3/4	87,597	3/4	76,814		
3	3	3	3	146,635	3	137,466	3	128,032	3	118,565	3	108,933	3	98,155	3	87,372	3	76,590		
1/4	1/4	1/4	1/4	146,506	1/4	137,269	1/4	127,835	1/4	118,368	1/4	108,708	1/4	97,930	1/4	87,147	1/4	76,366		
1/2	1/2	1/2	1/2	146,378	1/2	137,072	1/2	127,638	1/2	118,171	1/2	108,484	1/2	97,705	1/2	86,923	1/2	76,142		
3/4	3/4	3/4	3/4	146,212	3/4	136,875	3/4	127,441	3/4	117,973	3/4	108,260	3/4	97,481	3/4	86,698	3/4	75,919		
4	4	4	4	146,045	4	136,678	4	127,244	4	117,776	4	108,035	4	97,256	4	86,473	4	75,695		
1/4	1/4	1/4	1/4	145,879	1/4	136,481	1/4	127,048	1/4	117,578	1/4	107,811	1/4	97,031	1/4	86,249	1/4	75,472		
1/2	1/2	1/2	1/2	145,713	1/2	136,285	1/2	126,851	1/2	117,381	1/2	107,586	1/2	96,807	1/2	86,024	1/2	75,249		
3/4	3/4	3/4	3/4	145,509	3/4	136,088	3/4	126,654	3/4	117,184	3/4	107,362	3/4	96,582	3/4	85,799	3/4	75,026		
5	5	5	5	145,305	5	135,891	5	126,457	5	116,986	5	107,138	5	96,357	5	85,575	5	74,803		
1/4	1/4	1/4	1/4	145,102	1/4	135,694	1/4	126,260	1/4	116,789	1/4	106,913	1/4	96,133	1/4	85,350	1/4	74,579		
1/2	1/2	1/2	1/2	144,898	1/2	135,497	1/2	126,063	1/2	116,591	1/2	106,689	1/2	95,908	1/2	85,125	1/2	74,356		
3/4	3/4	3/4	3/4	144,703	3/4	135,300	3/4	125,866	3/4	116,394	3/4	106,464	3/4	95,684	3/4	84,901	3/4	74,133		
6	6	6	6	144,508	6	135,103	6	125,669	6	116,196	6	106,240	6	95,459	6	84,676	6	73,910		
1/4	1/4	1/4	1/4	144,314	1/4	134,906	1/4	125,472	1/4	115,999	1/4	106,016	1/4	95,234	1/4	84,452	1/4	73,686		
1/2	1/2	1/2	1/2	144,119	1/2	134,709	1/2	125,276	1/2	115,802	1/2	105,791	1/2	95,010	1/2	84,227	1/2	73,463		
3/4	3/4	3/4	3/4	143,924	3/4	134,513	3/4	125,079	3/4	115,604	3/4	105,567	3/4	94,785	3/4	84,002	3/4	73,240		
7	7	7	7	143,729	7	134,316	7	124,882	7	115,407	7	105,343	7	94,560	7	83,778	7	73,017		
1/4	1/4	1/4	1/4	143,534	1/4	134,119	1/4	124,685	1/4	115,209	1/4	105,118	1/4	94,336	1/4	83,553	1/4	72,794		
1/2	1/2	1/2	1/2	143,339	1/2	133,922	1/2	124,488	1/2	115,012	1/2	104,894	1/2	94,111	1/2	83,328	1/2	72,570		
3/4	3/4	3/4	3/4	143,145	3/4	133,726	3/4	124,291	3/4	114,815	3/4	104,669	3/4	93,886	3/4	83,104	3/4	72,347		
8	8	8	8	142,950	8	133,530	8	124,093	8	114,618	8	104,444	8	93,662	8	82,879	8	72,124		
1/4	1/4	1/4	1/4	142,755	1/4	133,333	1/4	123,896	1/4	114,420	1/4	104,220	1/4	93,437	1/4	82,654	1/4	71,901		
1/2	1/2	1/2	1/2	142,560	1/2	133,137	1/2	123,698	1/2	114,223	1/2	103,995	1/2	93,212	1/2	82,430	1/2	71,677		
3/4	3/4	3/4	3/4	142,365	3/4	132,941	3/4	123,501	3/4	114,026	3/4	103,771	3/4	92,988	3/4	82,205	3/4	71,454		
9	9	9	9	142,171	9	132,745	9	123,303	9	113,829	9	103,546	9	92,763	9	81,980	9	71,231		
1/4	1/4	1/4	1/4	141,976	1/4	132,549	1/4	123,106	1/4	113,632	1/4	103,321	1/4	92,539	1/4	81,756	1/4	71,008		
1/2	1/2	1/2	1/2	141,781	1/2	132,352	1/2	122,909	1/2	113,434	1/2	103,097	1/2	92,314	1/2	81,531	1/2	70,785		
3/4	3/4	3/4	3/4	141,586	3/4	132,156	3/4	122,711	3/4	113,237	3/4	102,872	3/4	92,089	3/4	81,306	3/4	70,561		
10	10	10	10	141,391	10	131,960	10	122,514	10	113,040	10	102,647	10	91,865	10	81,082	10	70,338		
1/4	1/4	1/4	1/4	141,196	1/4	131,764	1/4	122,316	1/4	112,843	1/4	102,423	1/4	91,640	1/4	80,857	1/4	70,115		
1/2	1/2	1/2	1/2	141,002	1/2	131,568	1/2	122,119	1/2	112,646	1/2	102,198	1/2	91,415	1/2	80,632	1/2	69,892		
3/4	3/4	3/4	3/4	140,807	3/4	131,371	3/4	121,922	3/4	112,448	3/4	101,973	3/4	91,191	3/4	80,408	3/4	69,668		
11	11	11	11	140,612	11	131,175	11	121,724	11	112,251	11	101,749	11	90,966	11	80,183	11	69,444		
1/4	1/4	1/4	1/4	140,417	1/4	130,979	1/4	121,527	1/4	112,054	1/4	101,524	1/4	90,741	1/4	79,958	1/4	69,220		
1/2	1/2	1/2	1/2	147,536	1/2	140,222	1/2	130,783	1/2	121,329	1/2	111,857	1/2	101,300	1/2	90,517	1/2	79,734	1/2	68,996
3/4	3/4	3/4	3/4	147,520	3/4	140,026	3/4	130,587	3/4	121,132	3/4	111,660	3/4	101,075	3/4	90,292	3/4	79,509	3/4	68,772

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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BARGE "CBC 1382"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,548	0	57,772	0	46,993	0	36,213	0	25,631	0	14,860	0	4,066	0		0		0	
1/4	68,324	1/4	57,547	1/4	46,768	1/4	35,989	1/4	25,412	1/4	14,635	1/4	3,844	1/4		1/4		1/4	
1/2	68,100	1/2	57,323	1/2	46,543	1/2	35,764	1/2	25,193	1/2	14,409	1/2	3,621	1/2		1/2		1/2	
3/4	67,876	3/4	57,098	3/4	46,319	3/4	35,539	3/4	24,974	3/4	14,184	3/4	3,400	3/4		3/4		3/4	
1	67,652	1	56,874	1	46,094	1	35,315	1	24,754	1	13,959	1	3,180	1		1		1	
1/4	67,428	1/4	56,649	1/4	45,870	1/4	35,090	1/4	24,535	1/4	13,734	1/4	2,959	1/4		1/4		1/4	
1/2	67,204	1/2	56,425	1/2	45,645	1/2	34,866	1/2	24,316	1/2	13,509	1/2	2,738	1/2		1/2		1/2	
3/4	66,979	3/4	56,200	3/4	45,421	3/4	34,641	3/4	24,091	3/4	13,284	3/4	2,533	3/4		3/4		3/4	
2	66,755	2	55,975	2	45,196	2	34,417	2	23,866	2	13,059	2	2,327	2		2		2	
1/4	66,530	1/4	55,751	1/4	44,971	1/4	34,192	1/4	23,641	1/4	12,833	1/4	2,121	1/4		1/4		1/4	
1/2	66,306	1/2	55,526	1/2	44,747	1/2	33,967	1/2	23,416	1/2	12,608	1/2	1,915	1/2		1/2		1/2	
3/4	66,081	3/4	55,302	3/4	44,522	3/4	33,743	3/4	23,190	3/4	12,383	3/4	1,747	3/4		3/4		3/4	
3	65,856	3	55,077	3	44,298	3	33,518	3	22,965	3	12,158	3	1,578	3		3		3	
1/4	65,632	1/4	54,853	1/4	44,073	1/4	33,294	1/4	22,740	1/4	11,933	1/4	1,409	1/4		1/4		1/4	
1/2	65,407	1/2	54,628	1/2	43,849	1/2	33,069	1/2	22,515	1/2	11,708	1/2	1,240	1/2		1/2		1/2	
3/4	65,183	3/4	54,403	3/4	43,624	3/4	32,850	3/4	22,290	3/4	11,482	3/4	1,109	3/4		3/4		3/4	
4	64,958	4	54,179	4	43,399	4	32,632	4	22,065	4	11,257	4	977	4		4		4	
1/4	64,734	1/4	53,954	1/4	43,175	1/4	32,413	1/4	21,839	1/4	11,032	1/4	846	1/4		1/4		1/4	
1/2	64,509	1/2	53,730	1/2	42,950	1/2	32,194	1/2	21,614	1/2	10,807	1/2	715	1/2		1/2		1/2	
3/4	64,284	3/4	53,505	3/4	42,726	3/4	31,975	3/4	21,389	3/4	10,582	3/4	621	3/4		3/4		3/4	
5	64,060	5	53,281	5	42,501	5	31,757	5	21,164	5	10,357	5	527	5		5		5	
1/4	63,835	1/4	53,056	1/4	42,277	1/4	31,538	1/4	20,939	1/4	10,132	1/4	433	1/4		1/4		1/4	
1/2	63,611	1/2	52,831	1/2	42,052	1/2	31,319	1/2	20,714	1/2	9,906	1/2	340	1/2		1/2		1/2	
3/4	63,386	3/4	52,607	3/4	41,827	3/4	31,100	3/4	20,489	3/4	9,681	3/4	283	3/4		3/4		3/4	
6	63,162	6	52,382	6	41,603	6	30,882	6	20,263	6	9,456	6	227	6		6		6	
1/4	62,937	1/4	52,158	1/4	41,378	1/4	30,663	1/4	20,038	1/4	9,231	1/4	171	1/4		1/4		1/4	
1/2	62,713	1/2	51,933	1/2	41,154	1/2	30,444	1/2	19,813	1/2	9,006	1/2	114	1/2		1/2		1/2	
3/4	62,488	3/4	51,709	3/4	40,929	3/4	30,225	3/4	19,588	3/4	8,781	3/4	96	3/4		3/4		3/4	
7	62,263	7	51,484	7	40,705	7	30,007	7	19,363	7	8,555	7	77	7		7		7	
1/4	62,039	1/4	51,259	1/4	40,480	1/4	29,788	1/4	19,138	1/4	8,330	1/4	58	1/4		1/4		1/4	
1/2	61,814	1/2	51,035	1/2	40,255	1/2	29,569	1/2	18,913	1/2	8,105	1/2	39	1/2		1/2		1/2	
3/4	61,590	3/4	50,810	3/4	40,031	3/4	29,350	3/4	18,687	3/4	7,880	3/4		3/4		3/4		3/4	
8	61,365	8	50,586	8	39,806	8	29,132	8	18,462	8	7,655	8		8		8		8	
1/4	61,141	1/4	50,361	1/4	39,582	1/4	28,913	1/4	18,237	1/4	7,430	1/4		1/4		1/4		1/4	
1/2	60,916	1/2	50,137	1/2	39,357	1/2	28,694	1/2	18,012	1/2	7,205	1/2		1/2		1/2		1/2	
3/4	60,691	3/4	49,912	3/4	39,133	3/4	28,475	3/4	17,787	3/4	6,980	3/4		3/4		3/4		3/4	
9	60,467	9	49,687	9	38,908	9	28,257	9	17,562	9	6,755	9		9		9		9	
1/4	60,242	1/4	49,463	1/4	38,683	1/4	28,038	1/4	17,336	1/4	6,530	1/4		1/4		1/4		1/4	
1/2	60,018	1/2	49,238	1/2	38,459	1/2	27,819	1/2	17,111	1/2	6,305	1/2		1/2		1/2		1/2	
3/4	59,793	3/4	49,014	3/4	38,234	3/4	27,600	3/4	16,886	3/4	6,080	3/4		3/4		3/4		3/4	
10	59,569	10	48,789	10	38,010	10	27,382	10	16,661	10	5,856	10		10		10		10	
1/4	59,344	1/4	48,565	1/4	37,785	1/4	27,163	1/4	16,436	1/4	5,631	1/4		1/4		1/4		1/4	
1/2	59,119	1/2	48,340	1/2	37,561	1/2	26,944	1/2	16,211	1/2	5,407	1/2		1/2		1/2		1/2	
3/4	58,895	3/4	48,115	3/4	37,336	3/4	26,726	3/4	15,986	3/4	5,183	3/4		3/4		3/4		3/4	
11	58,670	11	47,891	11	37,111	11	26,507	11	15,760	11	4,959	11		11		11		11	
1/4	58,446	1/4	47,666	1/4	36,887	1/4	26,288	1/4	15,535	1/4	4,735	1/4		1/4		1/4		1/4	
1/2	58,221	1/2	47,442	1/2	36,662	1/2	26,069	1/2	15,310	1/2	4,512	1/2		1/2		1/2		1/2	
3/4	57,997	3/4	47,217	3/4	36,438	3/4	25,850	3/4	15,085	3/4	4,289	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/30/2015 SW
CALCULATED: 06/02/2014 CL
PRINTED: 06/02/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

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