



BARGE "CBC 133"

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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 CENTER	00-0/8	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

(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 - 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 164'-0"

May 28, 2015

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

<http://www.pmacorp.net>



BARGE "CBC 133"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	56	0	9,851	0	21,353	0	32,836	0	44,290	0	55,768	0	67,245	0	78,723	0	90,198	0	101,674
1/4	101	1/4	10,091	1/4	21,593	1/4	33,074	1/4	44,529	1/4	56,007	1/4	67,484	1/4	78,962	1/4	90,437	1/4	101,913
1/2	146	1/2	10,330	1/2	21,832	1/2	33,313	1/2	44,769	1/2	56,246	1/2	67,724	1/2	79,201	1/2	90,676	1/2	102,153
3/4	191	3/4	10,570	3/4	22,072	3/4	33,551	3/4	45,008	3/4	56,485	3/4	67,963	3/4	79,440	3/4	90,915	3/4	102,392
1	236	1	10,809	1	22,311	1	33,789	1	45,247	1	56,724	1	68,202	1	79,679	1	91,154	1	102,631
1/4	341	1/4	11,049	1/4	22,551	1/4	34,027	1/4	45,486	1/4	56,963	1/4	68,441	1/4	79,918	1/4	91,393	1/4	102,870
1/2	446	1/2	11,289	1/2	22,791	1/2	34,266	1/2	45,725	1/2	57,203	1/2	68,680	1/2	80,157	1/2	91,632	1/2	103,109
3/4	550	3/4	11,528	3/4	23,030	3/4	34,504	3/4	45,964	3/4	57,442	3/4	68,919	3/4	80,396	3/4	91,871	3/4	103,348
2	655	2	11,768	2	23,270	2	34,742	2	46,203	2	57,681	2	69,158	2	80,635	2	92,110	2	103,587
1/4	820	1/4	12,008	1/4	23,510	1/4	34,980	1/4	46,442	1/4	57,920	1/4	69,397	1/4	80,874	1/4	92,349	1/4	103,826
1/2	985	1/2	12,247	1/2	23,749	1/2	35,219	1/2	46,682	1/2	58,159	1/2	69,636	1/2	81,114	1/2	92,588	1/2	104,066
3/4	1,149	3/4	12,487	3/4	23,989	3/4	35,457	3/4	46,921	3/4	58,398	3/4	69,875	3/4	81,353	3/4	92,827	3/4	104,305
3	1,314	3	12,726	3	24,228	3	35,695	3	47,160	3	58,637	3	70,114	3	81,592	3	93,066	3	104,544
1/4	1,531	1/4	12,966	1/4	24,468	1/4	35,933	1/4	47,399	1/4	58,876	1/4	70,353	1/4	81,831	1/4	93,305	1/4	104,783
1/2	1,749	1/2	13,206	1/2	24,708	1/2	36,172	1/2	47,638	1/2	59,115	1/2	70,593	1/2	82,070	1/2	93,544	1/2	105,022
3/4	1,966	3/4	13,445	3/4	24,947	3/4	36,410	3/4	47,877	3/4	59,354	3/4	70,832	3/4	82,309	3/4	93,783	3/4	105,261
4	2,183	4	13,685	4	25,187	4	36,648	4	48,116	4	59,593	4	71,071	4	82,548	4	94,022	4	105,500
1/4	2,423	1/4	13,925	1/4	25,427	1/4	36,887	1/4	48,355	1/4	59,832	1/4	71,310	1/4	82,787	1/4	94,261	1/4	105,739
1/2	2,662	1/2	14,164	1/2	25,666	1/2	37,125	1/2	48,594	1/2	60,072	1/2	71,549	1/2	83,027	1/2	94,501	1/2	105,979
3/4	2,902	3/4	14,404	3/4	25,906	3/4	37,364	3/4	48,833	3/4	60,311	3/4	71,788	3/4	83,266	3/4	94,740	3/4	106,218
5	3,141	5	14,643	5	26,145	5	37,602	5	49,072	5	60,550	5	72,027	5	83,505	5	94,979	5	106,457
1/4	3,381	1/4	14,883	1/4	26,385	1/4	37,841	1/4	49,311	1/4	60,789	1/4	72,266	1/4	83,744	1/4	95,218	1/4	106,696
1/2	3,621	1/2	15,123	1/2	26,625	1/2	38,079	1/2	49,551	1/2	61,028	1/2	72,506	1/2	83,983	1/2	95,457	1/2	106,935
3/4	3,860	3/4	15,362	3/4	26,864	3/4	38,318	3/4	49,790	3/4	61,267	3/4	72,745	3/4	84,222	3/4	95,696	3/4	107,174
6	4,100	6	15,602	6	27,104	6	38,556	6	50,029	6	61,506	6	72,984	6	84,461	6	95,935	6	107,413
1/4	4,340	1/4	15,842	1/4	27,344	1/4	38,795	1/4	50,268	1/4	61,745	1/4	73,223	1/4	84,700	1/4	96,174	1/4	107,652
1/2	4,579	1/2	16,081	1/2	27,583	1/2	39,033	1/2	50,507	1/2	61,985	1/2	73,462	1/2	84,939	1/2	96,414	1/2	107,892
3/4	4,819	3/4	16,321	3/4	27,823	3/4	39,272	3/4	50,746	3/4	62,224	3/4	73,701	3/4	85,178	3/4	96,653	3/4	108,131
7	5,058	7	16,560	7	28,062	7	39,510	7	50,985	7	62,463	7	73,940	7	85,417	7	96,892	7	108,370
1/4	5,298	1/4	16,800	1/4	28,301	1/4	39,749	1/4	51,224	1/4	62,702	1/4	74,179	1/4	85,656	1/4	97,131	1/4	108,609
1/2	5,538	1/2	17,040	1/2	28,540	1/2	39,987	1/2	51,464	1/2	62,941	1/2	74,419	1/2	85,896	1/2	97,370	1/2	108,848
3/4	5,777	3/4	17,279	3/4	28,779	3/4	40,226	3/4	51,703	3/4	63,180	3/4	74,658	3/4	86,135	3/4	97,609	3/4	109,087
8	6,017	8	17,519	8	29,018	8	40,464	8	51,942	8	63,419	8	74,897	8	86,374	8	97,848	8	109,326
1/4	6,257	1/4	17,759	1/4	29,257	1/4	40,703	1/4	52,181	1/4	63,658	1/4	75,136	1/4	86,613	1/4	98,087	1/4	109,565
1/2	6,496	1/2	17,998	1/2	29,497	1/2	40,943	1/2	52,420	1/2	63,898	1/2	75,375	1/2	86,852	1/2	98,327	1/2	109,805
3/4	6,736	3/4	18,238	3/4	29,736	3/4	41,182	3/4	52,659	3/4	64,137	3/4	75,614	3/4	87,091	3/4	98,566	3/4	110,044
9	6,975	9	18,477	9	29,975	9	41,421	9	52,898	9	64,376	9	75,853	9	87,330	9	98,805	9	110,283
1/4	7,215	1/4	18,717	1/4	30,214	1/4	41,660	1/4	53,137	1/4	64,615	1/4	76,092	1/4	87,569	1/4	99,044	1/4	110,522
1/2	7,455	1/2	18,957	1/2	30,453	1/2	41,899	1/2	53,377	1/2	64,854	1/2	76,332	1/2	87,808	1/2	99,283	1/2	110,761
3/4	7,694	3/4	19,196	3/4	30,691	3/4	42,138	3/4	53,616	3/4	65,093	3/4	76,571	3/4	88,047	3/4	99,522	3/4	111,000
10	7,934	10	19,436	10	30,930	10	42,377	10	53,855	10	65,332	10	76,810	10	88,286	10	99,761	10	111,239
1/4	8,174	1/4	19,676	1/4	31,168	1/4	42,616	1/4	54,094	1/4	65,571	1/4	77,049	1/4	88,525	1/4	100,000	1/4	111,478
1/2	8,413	1/2	19,915	1/2	31,407	1/2	42,856	1/2	54,333	1/2	65,811	1/2	77,288	1/2	88,764	1/2	100,240	1/2	111,718
3/4	8,653	3/4	20,155	3/4	31,645	3/4	43,095	3/4	54,572	3/4	66,050	3/4	77,527	3/4	89,003	3/4	100,479	3/4	111,957
11	8,892	11	20,394	11	31,883	11	43,334	11	54,811	11	66,289	11	77,766	11	89,242	11	100,718	11	112,196
1/4	9,132	1/4	20,634	1/4	32,121	1/4	43,573	1/4	55,050	1/4	66,528	1/4	78,005	1/4	89,481	1/4	100,957	1/4	112,435
1/2	9,372	1/2	20,874	1/2	32,360	1/2	43,812	1/2	55,290	1/2	66,767	1/2	78,245	1/2	89,720	1/2	101,196	1/2	112,674
3/4	9,611	3/4	21,113	3/4	32,598	3/4	44,051	3/4	55,529	3/4	67,006	3/4	78,484	3/4	89,959	3/4	101,435	3/4	112,913

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 00'-09" OFF CENTERLINE AND 27'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 133"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	113,152	0	124,000	0	134,436	0	144,872	0	155,307	0		0		0		0		0	
1/4	113,391	1/4	124,218	1/4	134,654	1/4	145,089	1/4	155,525	1/4		1/4		1/4		1/4		1/4	
1/2	113,631	1/2	124,435	1/2	134,871	1/2	145,307	1/2	155,742	1/2		1/2		1/2		1/2		1/2	
3/4	113,870	3/4	124,653	3/4	135,089	3/4	145,524	3/4	155,960	3/4		3/4		3/4		3/4		3/4	
1	114,109	1	124,870	1	135,306	1	145,741	1	156,177	1		1		1		1		1	
1/4	114,348	1/4	125,088	1/4	135,523	1/4	145,959	1/4	156,394	1/4		1/4		1/4		1/4		1/4	
1/2	114,587	1/2	125,305	1/2	135,741	1/2	146,176	1/2	156,612	1/2		1/2		1/2		1/2		1/2	
3/4	114,826	3/4	125,523	3/4	135,958	3/4	146,394	3/4	156,829	3/4		3/4		3/4		3/4		3/4	
2	115,065	2	125,740	2	136,175	2	146,611	2	157,046	2		2		2		2		2	
1/4	115,304	1/4	125,957	1/4	136,393	1/4	146,828	1/4	157,259	1/4		1/4		1/4		1/4		1/4	
1/2	115,544	1/2	126,175	1/2	136,610	1/2	147,046	1/2	157,472	1/2		1/2		1/2		1/2		1/2	
3/4	115,783	3/4	126,392	3/4	136,828	3/4	147,263	3/4	157,685	3/4		3/4		3/4		3/4		3/4	
3	116,022	3	126,609	3	137,045	3	147,480	3	157,898	3		3		3		3		3	
1/4	116,261	1/4	126,827	1/4	137,263	1/4	147,698	1/4	158,088	1/4		1/4		1/4		1/4		1/4	
1/2	116,500	1/2	127,044	1/2	137,480	1/2	147,915	1/2	158,279	1/2		1/2		1/2		1/2		1/2	
3/4	116,739	3/4	127,262	3/4	137,698	3/4	148,133	3/4	158,469	3/4		3/4		3/4		3/4		3/4	
4	116,978	4	127,479	4	137,915	4	148,350	4	158,659	4		4		4		4		4	
1/4	117,217	1/4	127,697	1/4	138,132	1/4	148,568	1/4	158,813	1/4		1/4		1/4		1/4		1/4	
1/2	117,446	1/2	127,914	1/2	138,350	1/2	148,785	1/2	158,967	1/2		1/2		1/2		1/2		1/2	
3/4	117,679	3/4	128,132	3/4	138,567	3/4	149,003	3/4	159,121	3/4		3/4		3/4		3/4		3/4	
5	117,913	5	128,349	5	138,784	5	149,220	5	159,275	5		5		5		5		5	
1/4	118,131	1/4	128,566	1/4	139,002	1/4	149,437	1/4	159,393	1/4		1/4		1/4		1/4		1/4	
1/2	118,348	1/2	128,784	1/2	139,219	1/2	149,655	1/2	159,511	1/2		1/2		1/2		1/2		1/2	
3/4	118,566	3/4	129,001	3/4	139,437	3/4	149,872	3/4	159,628	3/4		3/4		3/4		3/4		3/4	
6	118,783	6	129,218	6	139,654	6	150,089	6	159,746	6		6		6		6		6	
1/4	119,000	1/4	129,436	1/4	139,871	1/4	150,307	1/4	159,828	1/4		1/4		1/4		1/4		1/4	
1/2	119,218	1/2	129,653	1/2	140,089	1/2	150,524	1/2	159,909	1/2		1/2		1/2		1/2		1/2	
3/4	119,435	3/4	129,871	3/4	140,306	3/4	150,742	3/4	159,991	3/4		3/4		3/4		3/4		3/4	
7	119,652	7	130,088	7	140,523	7	150,959	7	160,072	7		7		7		7		7	
1/4	119,870	1/4	130,305	1/4	140,741	1/4	151,177	1/4	160,117	1/4		1/4		1/4		1/4		1/4	
1/2	120,087	1/2	130,523	1/2	140,958	1/2	151,394	1/2	160,163	1/2		1/2		1/2		1/2		1/2	
3/4	120,305	3/4	130,740	3/4	141,176	3/4	151,612	3/4	160,208	3/4		3/4		3/4		3/4		3/4	
8	120,522	8	130,957	8	141,393	8	151,829	8	160,253	8		8		8		8		8	
1/4	120,740	1/4	131,175	1/4	141,611	1/4	152,046	1/4	160,271	1/4		1/4		1/4		1/4		1/4	
1/2	120,957	1/2	131,392	1/2	141,828	1/2	152,264	1/2	160,289	1/2		1/2		1/2		1/2		1/2	
3/4	121,175	3/4	131,610	3/4	142,046	3/4	152,481	3/4	160,307	3/4		3/4		3/4		3/4		3/4	
9	121,392	9	131,827	9	142,263	9	152,698	9		9		9		9		9		9	
1/4	121,609	1/4	132,045	1/4	142,480	1/4	152,916	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,827	1/2	132,262	1/2	142,698	1/2	153,133	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,044	3/4	132,480	3/4	142,915	3/4	153,351	3/4		3/4		3/4		3/4		3/4		3/4	
10	122,261	10	132,697	10	143,132	10	153,568	10		10		10		10		10		10	
1/4	122,479	1/4	132,914	1/4	143,350	1/4	153,785	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,696	1/2	133,132	1/2	143,567	1/2	154,003	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,914	3/4	133,349	3/4	143,785	3/4	154,220	3/4		3/4		3/4		3/4		3/4		3/4	
11	123,131	11	133,566	11	144,002	11	154,437	11		11		11		11		11		11	
1/4	123,348	1/4	133,784	1/4	144,220	1/4	154,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,566	1/2	134,001	1/2	144,437	1/2	154,872	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,783	3/4	134,219	3/4	144,655	3/4	155,090	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 05/16/2003 DAR-KF
DECK MEASUREMENTS: 05/27/2015 SW
PRINTED: 05/28/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 133"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	54	0	8,965	0	19,431	0	29,899	0	40,332	0	50,797	0	61,263	0	71,728	0	82,194	0	92,659
1/4	95	1/4	9,183	1/4	19,649	1/4	30,106	1/4	40,550	1/4	51,015	1/4	61,481	1/4	71,946	1/4	82,412	1/4	92,877
1/2	136	1/2	9,401	1/2	19,867	1/2	30,324	1/2	40,768	1/2	51,233	1/2	61,699	1/2	72,164	1/2	82,630	1/2	93,095
3/4	176	3/4	9,619	3/4	20,085	3/4	30,541	3/4	40,986	3/4	51,451	3/4	61,917	3/4	72,382	3/4	82,848	3/4	93,313
1	217	1	9,837	1	20,303	1	30,758	1	41,204	1	51,669	1	62,135	1	72,600	1	83,066	1	93,531
1/4	313	1/4	10,055	1/4	20,521	1/4	30,975	1/4	41,422	1/4	51,887	1/4	62,353	1/4	72,818	1/4	83,284	1/4	93,749
1/2	408	1/2	10,274	1/2	20,739	1/2	31,193	1/2	41,640	1/2	52,106	1/2	62,571	1/2	73,036	1/2	83,502	1/2	93,967
3/4	504	3/4	10,492	3/4	20,957	3/4	31,410	3/4	41,858	3/4	52,324	3/4	62,789	3/4	73,254	3/4	83,720	3/4	94,185
2	599	2	10,710	2	21,175	2	31,627	2	42,076	2	52,542	2	63,007	2	73,472	2	83,938	2	94,403
1/4	749	1/4	10,928	1/4	21,393	1/4	31,844	1/4	42,294	1/4	52,760	1/4	63,225	1/4	73,690	1/4	84,156	1/4	94,621
1/2	899	1/2	11,146	1/2	21,611	1/2	32,062	1/2	42,512	1/2	52,978	1/2	63,443	1/2	73,909	1/2	84,374	1/2	94,839
3/4	1,048	3/4	11,364	3/4	21,829	3/4	32,279	3/4	42,730	3/4	53,196	3/4	63,661	3/4	74,127	3/4	84,592	3/4	95,057
3	1,198	3	11,582	3	22,047	3	32,496	3	42,948	3	53,414	3	63,879	3	74,345	3	84,810	3	95,275
1/4	1,396	1/4	11,800	1/4	22,265	1/4	32,713	1/4	43,166	1/4	53,632	1/4	64,097	1/4	74,563	1/4	85,028	1/4	95,493
1/2	1,594	1/2	12,018	1/2	22,483	1/2	32,931	1/2	43,384	1/2	53,850	1/2	64,315	1/2	74,781	1/2	85,246	1/2	95,712
3/4	1,791	3/4	12,236	3/4	22,701	3/4	33,148	3/4	43,602	3/4	54,068	3/4	64,533	3/4	74,999	3/4	85,464	3/4	95,930
4	1,989	4	12,454	4	22,919	4	33,365	4	43,820	4	54,286	4	64,751	4	75,217	4	85,682	4	96,148
1/4	2,207	1/4	12,672	1/4	23,137	1/4	33,583	1/4	44,038	1/4	54,504	1/4	64,969	1/4	75,435	1/4	85,900	1/4	96,366
1/2	2,425	1/2	12,890	1/2	23,355	1/2	33,800	1/2	44,256	1/2	54,722	1/2	65,187	1/2	75,653	1/2	86,118	1/2	96,584
3/4	2,643	3/4	13,108	3/4	23,573	3/4	34,018	3/4	44,474	3/4	54,940	3/4	65,405	3/4	75,871	3/4	86,336	3/4	96,802
5	2,861	5	13,326	5	23,791	5	34,235	5	44,692	5	55,158	5	65,623	5	76,089	5	86,554	5	97,020
1/4	3,079	1/4	13,544	1/4	24,009	1/4	34,452	1/4	44,910	1/4	55,376	1/4	65,841	1/4	76,307	1/4	86,772	1/4	97,238
1/2	3,297	1/2	13,762	1/2	24,227	1/2	34,670	1/2	45,129	1/2	55,594	1/2	66,059	1/2	76,525	1/2	86,990	1/2	97,456
3/4	3,515	3/4	13,980	3/4	24,445	3/4	34,887	3/4	45,347	3/4	55,812	3/4	66,277	3/4	76,743	3/4	87,208	3/4	97,674
6	3,733	6	14,198	6	24,663	6	35,104	6	45,565	6	56,030	6	66,495	6	76,961	6	87,426	6	97,892
1/4	3,951	1/4	14,416	1/4	24,881	1/4	35,321	1/4	45,783	1/4	56,248	1/4	66,713	1/4	77,179	1/4	87,644	1/4	98,110
1/2	4,169	1/2	14,634	1/2	25,099	1/2	35,539	1/2	46,001	1/2	56,466	1/2	66,932	1/2	77,397	1/2	87,863	1/2	98,328
3/4	4,387	3/4	14,852	3/4	25,317	3/4	35,756	3/4	46,219	3/4	56,684	3/4	67,150	3/4	77,615	3/4	88,081	3/4	98,546
7	4,605	7	15,070	7	25,535	7	35,973	7	46,437	7	56,902	7	67,368	7	77,833	7	88,299	7	98,764
1/4	4,823	1/4	15,288	1/4	25,753	1/4	36,191	1/4	46,655	1/4	57,120	1/4	67,586	1/4	78,051	1/4	88,517	1/4	98,982
1/2	5,041	1/2	15,506	1/2	25,971	1/2	36,408	1/2	46,873	1/2	57,338	1/2	67,804	1/2	78,269	1/2	88,735	1/2	99,200
3/4	5,259	3/4	15,724	3/4	26,189	3/4	36,626	3/4	47,091	3/4	57,556	3/4	68,022	3/4	78,487	3/4	88,953	3/4	99,418
8	5,477	8	15,942	8	26,407	8	36,843	8	47,309	8	57,774	8	68,240	8	78,705	8	89,171	8	99,636
1/4	5,695	1/4	16,160	1/4	26,625	1/4	37,061	1/4	47,527	1/4	57,992	1/4	68,458	1/4	78,923	1/4	89,389	1/4	99,854
1/2	5,913	1/2	16,378	1/2	26,843	1/2	37,279	1/2	47,745	1/2	58,210	1/2	68,676	1/2	79,141	1/2	89,607	1/2	100,072
3/4	6,131	3/4	16,596	3/4	27,061	3/4	37,497	3/4	47,963	3/4	58,428	3/4	68,894	3/4	79,359	3/4	89,825	3/4	100,290
9	6,349	9	16,814	9	27,279	9	37,715	9	48,181	9	58,646	9	69,112	9	79,577	9	90,043	9	100,508
1/4	6,567	1/4	17,032	1/4	27,497	1/4	37,933	1/4	48,399	1/4	58,864	1/4	69,330	1/4	79,795	1/4	90,261	1/4	100,726
1/2	6,785	1/2	17,250	1/2	27,715	1/2	38,152	1/2	48,617	1/2	59,083	1/2	69,548	1/2	80,013	1/2	90,479	1/2	100,944
3/4	7,003	3/4	17,468	3/4	27,933	3/4	38,370	3/4	48,835	3/4	59,301	3/4	69,766	3/4	80,231	3/4	90,697	3/4	101,162
10	7,221	10	17,686	10	28,151	10	38,588	10	49,053	10	59,519	10	69,984	10	80,449	10	90,915	10	101,380
1/4	7,439	1/4	17,904	1/4	28,368	1/4	38,806	1/4	49,271	1/4	59,737	1/4	70,202	1/4	80,667	1/4	91,133	1/4	101,598
1/2	7,657	1/2	18,122	1/2	28,586	1/2	39,024	1/2	49,489	1/2	59,955	1/2	70,420	1/2	80,886	1/2	91,351	1/2	101,816
3/4	7,875	3/4	18,340	3/4	28,803	3/4	39,242	3/4	49,707	3/4	60,173	3/4	70,638	3/4	81,104	3/4	91,569	3/4	102,034
11	8,093	11	18,558	11	29,020	11	39,460	11	49,925	11	60,391	11	70,856	11	81,322	11	91,787	11	102,252
1/4	8,311	1/4	18,776	1/4	29,237	1/4	39,678	1/4	50,143	1/4	60,609	1/4	71,074	1/4	81,540	1/4	92,005	1/4	102,470
1/2	8,529	1/2	18,995	1/2	29,455	1/2	39,896	1/2	50,361	1/2	60,827	1/2	71,292	1/2	81,758	1/2	92,223	1/2	102,689
3/4	8,747	3/4	19,213	3/4	29,672	3/4	40,114	3/4	50,579	3/4	61,045	3/4	71,510	3/4	81,976	3/4	92,441	3/4	102,907

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 00'-09" OFF CENTERLINE AND 27'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 133"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	103,125	0	113,590	0	124,056	0	134,521	0	144,986	0		0		0		0		0	
1/4	103,343	1/4	113,808	1/4	124,274	1/4	134,739	1/4	145,204	1/4		1/4		1/4		1/4		1/4	
1/2	103,561	1/2	114,026	1/2	124,492	1/2	134,957	1/2	145,423	1/2		1/2		1/2		1/2		1/2	
3/4	103,779	3/4	114,244	3/4	124,710	3/4	135,175	3/4	145,641	3/4		3/4		3/4		3/4		3/4	
1	103,997	1	114,462	1	124,928	1	135,393	1	145,859	1	1		1		1		1		1
1/4	104,215	1/4	114,680	1/4	125,146	1/4	135,611	1/4	146,077	1/4		1/4		1/4		1/4		1/4	
1/2	104,433	1/2	114,898	1/2	125,364	1/2	135,829	1/2	146,295	1/2		1/2		1/2		1/2		1/2	
3/4	104,651	3/4	115,116	3/4	125,582	3/4	136,047	3/4	146,513	3/4		3/4		3/4		3/4		3/4	
2	104,869	2	115,334	2	125,800	2	136,265	2	146,731	2	2		2		2		2		2
1/4	105,087	1/4	115,552	1/4	126,018	1/4	136,483	1/4	146,945	1/4		1/4		1/4		1/4		1/4	
1/2	105,305	1/2	115,770	1/2	126,236	1/2	136,701	1/2	147,158	1/2		1/2		1/2		1/2		1/2	
3/4	105,523	3/4	115,988	3/4	126,454	3/4	136,919	3/4	147,372	3/4		3/4		3/4		3/4		3/4	
3	105,741	3	116,206	3	126,672	3	137,137	3	147,585	3	3		3		3		3		3
1/4	105,959	1/4	116,424	1/4	126,890	1/4	137,355	1/4	147,776	1/4		1/4		1/4		1/4		1/4	
1/2	106,177	1/2	116,643	1/2	127,108	1/2	137,573	1/2	147,967	1/2		1/2		1/2		1/2		1/2	
3/4	106,395	3/4	116,861	3/4	127,326	3/4	137,791	3/4	148,157	3/4		3/4		3/4		3/4		3/4	
4	106,613	4	117,079	4	127,544	4	138,009	4	148,348	4	4		4		4		4		4
1/4	106,831	1/4	117,297	1/4	127,762	1/4	138,227	1/4	148,502	1/4		1/4		1/4		1/4		1/4	
1/2	107,049	1/2	117,515	1/2	127,980	1/2	138,446	1/2	148,657	1/2		1/2		1/2		1/2		1/2	
3/4	107,267	3/4	117,733	3/4	128,198	3/4	138,664	3/4	148,811	3/4		3/4		3/4		3/4		3/4	
5	107,485	5	117,951	5	128,416	5	138,882	5	148,965	5	5		5		5		5		5
1/4	107,703	1/4	118,169	1/4	128,634	1/4	139,100	1/4	149,083	1/4		1/4		1/4		1/4		1/4	
1/2	107,921	1/2	118,387	1/2	128,852	1/2	139,318	1/2	149,202	1/2		1/2		1/2		1/2		1/2	
3/4	108,139	3/4	118,605	3/4	129,070	3/4	139,536	3/4	149,320	3/4		3/4		3/4		3/4		3/4	
6	108,357	6	118,823	6	129,288	6	139,754	6	149,438	6	6		6		6		6		6
1/4	108,575	1/4	119,041	1/4	129,506	1/4	139,972	1/4	149,520	1/4		1/4		1/4		1/4		1/4	
1/2	108,793	1/2	119,259	1/2	129,724	1/2	140,190	1/2	149,602	1/2		1/2		1/2		1/2		1/2	
3/4	109,011	3/4	119,477	3/4	129,942	3/4	140,408	3/4	149,683	3/4		3/4		3/4		3/4		3/4	
7	109,229	7	119,695	7	130,160	7	140,626	7	149,765	7	7		7		7		7		7
1/4	109,447	1/4	119,913	1/4	130,378	1/4	140,844	1/4	149,811	1/4		1/4		1/4		1/4		1/4	
1/2	109,666	1/2	120,131	1/2	130,596	1/2	141,062	1/2	149,856	1/2		1/2		1/2		1/2		1/2	
3/4	109,884	3/4	120,349	3/4	130,814	3/4	141,280	3/4	149,902	3/4		3/4		3/4		3/4		3/4	
8	110,102	8	120,567	8	131,032	8	141,498	8	149,947	8	8		8		8		8		8
1/4	110,320	1/4	120,785	1/4	131,250	1/4	141,716	1/4	149,965	1/4		1/4		1/4		1/4		1/4	
1/2	110,538	1/2	121,003	1/2	131,469	1/2	141,934	1/2	149,983	1/2		1/2		1/2		1/2		1/2	
3/4	110,756	3/4	121,221	3/4	131,687	3/4	142,152	3/4	150,001	3/4		3/4		3/4		3/4		3/4	
9	110,974	9	121,439	9	131,905	9	142,370	9		9	9		9		9		9		9
1/4	111,192	1/4	121,657	1/4	132,123	1/4	142,588	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,410	1/2	121,875	1/2	132,341	1/2	142,806	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,628	3/4	122,093	3/4	132,559	3/4	143,024	3/4		3/4		3/4		3/4		3/4		3/4	
10	111,846	10	122,311	10	132,777	10	143,242	10		10		10		10		10		10	
1/4	112,064	1/4	122,529	1/4	132,995	1/4	143,460	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,282	1/2	122,747	1/2	133,213	1/2	143,678	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,500	3/4	122,965	3/4	133,431	3/4	143,896	3/4		3/4		3/4		3/4		3/4		3/4	
11	112,718	11	123,183	11	133,649	11	144,114	11		11		11		11		11		11	
1/4	112,936	1/4	123,401	1/4	133,867	1/4	144,332	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,154	1/2	123,620	1/2	134,085	1/2	144,550	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,372	3/4	123,838	3/4	134,303	3/4	144,768	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 05/16/2003 DAR-KF
DECK MEASUREMENTS: 05/27/2015 SW
PRINTED: 05/28/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 133"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	54	0	8,907	0	19,303	0	29,699	0	40,092	0	50,489	0	60,886	0	71,282	0	81,679	0	92,076
1/4	95	1/4	9,124	1/4	19,520	1/4	29,915	1/4	40,309	1/4	50,706	1/4	61,103	1/4	71,499	1/4	81,896	1/4	92,293
1/2	135	1/2	9,340	1/2	19,737	1/2	30,132	1/2	40,525	1/2	50,922	1/2	61,319	1/2	71,716	1/2	82,112	1/2	92,509
3/4	176	3/4	9,557	3/4	19,953	3/4	30,348	3/4	40,742	3/4	51,139	3/4	61,536	3/4	71,932	3/4	82,329	3/4	92,726
1	216	1	9,773	1	20,170	1	30,564	1	40,958	1	51,355	1	61,752	1	72,149	1	82,545	1	92,942
1/4	311	1/4	9,990	1/4	20,387	1/4	30,781	1/4	41,175	1/4	51,572	1/4	61,969	1/4	72,366	1/4	82,762	1/4	93,159
1/2	406	1/2	10,206	1/2	20,603	1/2	30,997	1/2	41,392	1/2	51,789	1/2	62,185	1/2	72,582	1/2	82,979	1/2	93,376
3/4	500	3/4	10,423	3/4	20,820	3/4	31,214	3/4	41,608	3/4	52,005	3/4	62,402	3/4	72,799	3/4	83,195	3/4	93,592
2	595	2	10,639	2	21,036	2	31,430	2	41,825	2	52,222	2	62,618	2	73,015	2	83,412	2	93,809
1/4	744	1/4	10,856	1/4	21,253	1/4	31,647	1/4	42,042	1/4	52,439	1/4	62,835	1/4	73,232	1/4	83,629	1/4	94,026
1/2	893	1/2	11,073	1/2	21,469	1/2	31,863	1/2	42,258	1/2	52,655	1/2	63,052	1/2	73,448	1/2	83,845	1/2	94,242
3/4	1,042	3/4	11,289	3/4	21,686	3/4	32,080	3/4	42,475	3/4	52,872	3/4	63,268	3/4	73,665	3/4	84,062	3/4	94,459
3	1,191	3	11,506	3	21,902	3	32,296	3	42,691	3	53,088	3	63,485	3	73,881	3	84,278	3	94,675
1/4	1,387	1/4	11,723	1/4	22,119	1/4	32,513	1/4	42,908	1/4	53,305	1/4	63,702	1/4	74,098	1/4	84,495	1/4	94,892
1/2	1,584	1/2	11,939	1/2	22,336	1/2	32,729	1/2	43,125	1/2	53,521	1/2	63,918	1/2	74,315	1/2	84,712	1/2	95,108
3/4	1,780	3/4	12,156	3/4	22,552	3/4	32,946	3/4	43,341	3/4	53,738	3/4	64,135	3/4	74,531	3/4	84,928	3/4	95,325
4	1,976	4	12,372	4	22,769	4	33,162	4	43,558	4	53,954	4	64,351	4	74,748	4	85,145	4	95,541
1/4	2,193	1/4	12,589	1/4	22,986	1/4	33,379	1/4	43,775	1/4	54,171	1/4	64,568	1/4	74,965	1/4	85,362	1/4	95,758
1/2	2,409	1/2	12,806	1/2	23,202	1/2	33,595	1/2	43,991	1/2	54,388	1/2	64,785	1/2	75,181	1/2	85,578	1/2	95,975
3/4	2,626	3/4	13,022	3/4	23,419	3/4	33,812	3/4	44,208	3/4	54,604	3/4	65,001	3/4	75,398	3/4	85,795	3/4	96,191
5	2,842	5	13,239	5	23,635	5	34,028	5	44,424	5	54,821	5	65,218	5	75,614	5	86,011	5	96,408
1/4	3,059	1/4	13,456	1/4	23,852	1/4	34,245	1/4	44,641	1/4	55,038	1/4	65,435	1/4	75,831	1/4	86,228	1/4	96,625
1/2	3,275	1/2	13,672	1/2	24,068	1/2	34,461	1/2	44,857	1/2	55,254	1/2	65,651	1/2	76,048	1/2	86,444	1/2	96,841
3/4	3,492	3/4	13,889	3/4	24,285	3/4	34,678	3/4	45,074	3/4	55,471	3/4	65,868	3/4	76,264	3/4	86,661	3/4	97,058
6	3,708	6	14,105	6	24,501	6	34,894	6	45,290	6	55,687	6	66,084	6	76,481	6	86,877	6	97,274
1/4	3,925	1/4	14,322	1/4	24,718	1/4	35,111	1/4	45,507	1/4	55,904	1/4	66,301	1/4	76,698	1/4	87,094	1/4	97,491
1/2	4,142	1/2	14,538	1/2	24,935	1/2	35,327	1/2	45,724	1/2	56,121	1/2	66,517	1/2	76,914	1/2	87,311	1/2	97,708
3/4	4,358	3/4	14,755	3/4	25,151	3/4	35,544	3/4	45,940	3/4	56,337	3/4	66,734	3/4	77,131	3/4	87,527	3/4	97,924
7	4,575	7	14,971	7	25,368	7	35,760	7	46,157	7	56,554	7	66,950	7	77,347	7	87,744	7	98,141
1/4	4,792	1/4	15,188	1/4	25,585	1/4	35,977	1/4	46,374	1/4	56,771	1/4	67,167	1/4	77,564	1/4	87,961	1/4	98,358
1/2	5,008	1/2	15,405	1/2	25,801	1/2	36,193	1/2	46,590	1/2	56,987	1/2	67,384	1/2	77,780	1/2	88,177	1/2	98,574
3/4	5,225	3/4	15,621	3/4	26,018	3/4	36,410	3/4	46,807	3/4	57,204	3/4	67,600	3/4	77,997	3/4	88,394	3/4	98,791
8	5,441	8	15,838	8	26,234	8	36,626	8	47,023	8	57,420	8	67,817	8	78,213	8	88,610	8	99,007
1/4	5,658	1/4	16,055	1/4	26,451	1/4	36,843	1/4	47,240	1/4	57,637	1/4	68,034	1/4	78,430	1/4	88,827	1/4	99,224
1/2	5,875	1/2	16,271	1/2	26,668	1/2	37,060	1/2	47,457	1/2	57,853	1/2	68,250	1/2	78,647	1/2	89,044	1/2	99,440
3/4	6,091	3/4	16,488	3/4	26,884	3/4	37,276	3/4	47,673	3/4	58,070	3/4	68,467	3/4	78,863	3/4	89,260	3/4	99,657
9	6,308	9	16,704	9	27,101	9	37,493	9	47,890	9	58,286	9	68,683	9	79,080	9	89,477	9	99,873
1/4	6,525	1/4	16,921	1/4	27,318	1/4	37,710	1/4	48,107	1/4	58,503	1/4	68,900	1/4	79,297	1/4	89,694	1/4	100,090
1/2	6,741	1/2	17,137	1/2	27,534	1/2	37,926	1/2	48,323	1/2	58,720	1/2	69,116	1/2	79,513	1/2	89,910	1/2	100,307
3/4	6,958	3/4	17,354	3/4	27,751	3/4	38,143	3/4	48,540	3/4	58,936	3/4	69,333	3/4	79,730	3/4	90,127	3/4	100,523
10	7,174	10	17,570	10	27,967	10	38,359	10	48,756	10	59,153	10	69,549	10	79,946	10	90,343	10	100,740
1/4	7,391	1/4	17,787	1/4	28,184	1/4	38,576	1/4	48,973	1/4	59,370	1/4	69,766	1/4	80,163	1/4	90,560	1/4	100,957
1/2	7,607	1/2	18,004	1/2	28,400	1/2	38,793	1/2	49,189	1/2	59,586	1/2	69,983	1/2	80,380	1/2	90,776	1/2	101,173
3/4	7,824	3/4	18,220	3/4	28,617	3/4	39,009	3/4	49,406	3/4	59,803	3/4	70,199	3/4	80,596	3/4	90,993	3/4	101,390
11	8,040	11	18,437	11	28,833	11	39,226	11	49,622	11	60,019	11	70,416	11	80,813	11	91,209	11	101,606
1/4	8,257	1/4	18,654	1/4	29,050	1/4	39,443	1/4	49,839	1/4	60,236	1/4	70,633	1/4	81,030	1/4	91,426	1/4	101,823
1/2	8,474	1/2	18,870	1/2	29,266	1/2	39,659	1/2	50,056	1/2	60,453	1/2	70,849	1/2	81,246	1/2	91,643	1/2	102,040
3/4	8,690	3/4	19,087	3/4	29,483	3/4	39,876	3/4	50,272	3/4	60,669	3/4	71,066	3/4	81,463	3/4	91,859	3/4	102,256

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 00'-09" OFF CENTERLINE AND 26'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 133"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	102,473	0	112,869	0	123,266	0	133,663	0	144,060	0		0		0		0		0	
1/4	102,690	1/4	113,086	1/4	123,483	1/4	133,880	1/4	144,277	1/4		1/4		1/4		1/4		1/4	
1/2	102,906	1/2	113,303	1/2	123,700	1/2	134,096	1/2	144,493	1/2		1/2		1/2		1/2		1/2	
3/4	103,123	3/4	113,519	3/4	123,916	3/4	134,313	3/4	144,710	3/4		3/4		3/4		3/4		3/4	
1	103,339	1	113,736	1	124,133	1	134,529	1	144,926	1		1		1		1		1	
1/4	103,556	1/4	113,953	1/4	124,350	1/4	134,746	1/4	145,143	1/4		1/4		1/4		1/4		1/4	
1/2	103,772	1/2	114,169	1/2	124,566	1/2	134,963	1/2	145,360	1/2		1/2		1/2		1/2		1/2	
3/4	103,989	3/4	114,386	3/4	124,783	3/4	135,179	3/4	145,576	3/4		3/4		3/4		3/4		3/4	
2	104,205	2	114,602	2	124,999	2	135,396	2	145,793	2		2		2		2		2	
1/4	104,422	1/4	114,819	1/4	125,216	1/4	135,613	1/4	146,005	1/4		1/4		1/4		1/4		1/4	
1/2	104,639	1/2	115,036	1/2	125,432	1/2	135,829	1/2	146,217	1/2		1/2		1/2		1/2		1/2	
3/4	104,855	3/4	115,252	3/4	125,649	3/4	136,046	3/4	146,429	3/4		3/4		3/4		3/4		3/4	
3	105,072	3	115,469	3	125,865	3	136,262	3	146,641	3		3		3		3		3	
1/4	105,289	1/4	115,686	1/4	126,082	1/4	136,479	1/4	146,831	1/4		1/4		1/4		1/4		1/4	
1/2	105,505	1/2	115,902	1/2	126,299	1/2	136,696	1/2	147,020	1/2		1/2		1/2		1/2		1/2	
3/4	105,722	3/4	116,119	3/4	126,515	3/4	136,912	3/4	147,210	3/4		3/4		3/4		3/4		3/4	
4	105,938	4	116,335	4	126,732	4	137,129	4	147,399	4		4		4		4		4	
1/4	106,155	1/4	116,552	1/4	126,949	1/4	137,346	1/4	147,553	1/4		1/4		1/4		1/4		1/4	
1/2	106,372	1/2	116,768	1/2	127,165	1/2	137,562	1/2	147,706	1/2		1/2		1/2		1/2		1/2	
3/4	106,588	3/4	116,985	3/4	127,382	3/4	137,779	3/4	147,860	3/4		3/4		3/4		3/4		3/4	
5	106,805	5	117,201	5	127,598	5	137,995	5	148,013	5		5		5		5		5	
1/4	107,022	1/4	117,418	1/4	127,815	1/4	138,212	1/4	148,130	1/4		1/4		1/4		1/4		1/4	
1/2	107,238	1/2	117,635	1/2	128,032	1/2	138,428	1/2	148,248	1/2		1/2		1/2		1/2		1/2	
3/4	107,455	3/4	117,851	3/4	128,248	3/4	138,645	3/4	148,365	3/4		3/4		3/4		3/4		3/4	
6	107,671	6	118,068	6	128,465	6	138,861	6	148,482	6		6		6		6		6	
1/4	107,888	1/4	118,285	1/4	128,682	1/4	139,078	1/4	148,563	1/4		1/4		1/4		1/4		1/4	
1/2	108,104	1/2	118,501	1/2	128,898	1/2	139,295	1/2	148,645	1/2		1/2		1/2		1/2		1/2	
3/4	108,321	3/4	118,718	3/4	129,115	3/4	139,511	3/4	148,726	3/4		3/4		3/4		3/4		3/4	
7	108,537	7	118,934	7	129,331	7	139,728	7	148,807	7		7		7		7		7	
1/4	108,754	1/4	119,151	1/4	129,548	1/4	139,945	1/4	148,852	1/4		1/4		1/4		1/4		1/4	
1/2	108,971	1/2	119,368	1/2	129,764	1/2	140,161	1/2	148,897	1/2		1/2		1/2		1/2		1/2	
3/4	109,187	3/4	119,584	3/4	129,981	3/4	140,378	3/4	148,942	3/4		3/4		3/4		3/4		3/4	
8	109,404	8	119,801	8	130,197	8	140,594	8	148,987	8		8		8		8		8	
1/4	109,621	1/4	120,018	1/4	130,414	1/4	140,811	1/4	149,005	1/4		1/4		1/4		1/4		1/4	
1/2	109,837	1/2	120,234	1/2	130,631	1/2	141,028	1/2	149,024	1/2		1/2		1/2		1/2		1/2	
3/4	110,054	3/4	120,451	3/4	130,847	3/4	141,244	3/4	149,042	3/4		3/4		3/4		3/4		3/4	
9	110,270	9	120,667	9	131,064	9	141,461	9		9		9		9		9		9	
1/4	110,487	1/4	120,884	1/4	131,281	1/4	141,678	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,704	1/2	121,100	1/2	131,497	1/2	141,894	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,920	3/4	121,317	3/4	131,714	3/4	142,111	3/4		3/4		3/4		3/4		3/4		3/4	
10	111,137	10	121,533	10	131,930	10	142,327	10		10		10		10		10		10	
1/4	111,354	1/4	121,750	1/4	132,147	1/4	142,544	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,570	1/2	121,967	1/2	132,364	1/2	142,760	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,787	3/4	122,183	3/4	132,580	3/4	142,977	3/4		3/4		3/4		3/4		3/4		3/4	
11	112,003	11	122,400	11	132,797	11	143,193	11		11		11		11		11		11	
1/4	112,220	1/4	122,617	1/4	133,014	1/4	143,410	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,436	1/2	122,833	1/2	133,230	1/2	143,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,653	3/4	123,050	3/4	133,447	3/4	143,843	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 05/16/2003 DAR-KF
DECK MEASUREMENTS: 05/27/2015 SW
PRINTED: 05/28/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "CBC 133"

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	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8
2 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 CENTER	00-0/8	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

(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 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 164'-0"

May 28, 2015

PRECISION MEASUREMENT
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BARGE "CBC 133"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	154,220	0	143,785	0	133,349	0	122,914	0	111,957	0	100,479	0	89,003
1/4	1/4	1/4	1/4	1/4	1/4	1/4	154,003	1/4	143,567	1/4	133,132	1/4	122,696	1/4	111,718	1/4	100,240	1/4	88,764
1/2	1/2	1/2	1/2	1/2	1/2	1/2	153,785	1/2	143,350	1/2	132,914	1/2	122,479	1/2	111,478	1/2	100,000	1/2	88,525
3/4	3/4	3/4	3/4	3/4	3/4	3/4	153,568	3/4	143,132	3/4	132,697	3/4	122,261	3/4	111,239	3/4	99,761	3/4	88,286
1		1		1		1	153,351	1	142,915	1	132,480	1	122,044	1	111,000	1	99,522	1	88,047
1/4	1/4	1/4	1/4	1/4	1/4	1/4	153,133	1/4	142,698	1/4	132,262	1/4	121,827	1/4	110,761	1/4	99,283	1/4	87,808
1/2	1/2	1/2	1/2	1/2	1/2	1/2	152,916	1/2	142,480	1/2	132,045	1/2	121,609	1/2	110,522	1/2	99,044	1/2	87,569
3/4	3/4	3/4	3/4	3/4	3/4	3/4	152,698	3/4	142,263	3/4	131,827	3/4	121,392	3/4	110,283	3/4	98,805	3/4	87,330
2		2		2	160,307	2	152,481	2	142,046	2	131,610	2	121,175	2	110,044	2	98,566	2	87,091
1/4	1/4	1/4	1/4	1/4	160,289	1/4	152,264	1/4	141,828	1/4	131,392	1/4	120,957	1/4	109,805	1/4	98,327	1/4	86,852
1/2	1/2	1/2	1/2	1/2	160,271	1/2	152,046	1/2	141,611	1/2	131,175	1/2	120,740	1/2	109,565	1/2	98,087	1/2	86,613
3/4	3/4	3/4	3/4	3/4	160,253	3/4	151,829	3/4	141,393	3/4	130,957	3/4	120,522	3/4	109,326	3/4	97,848	3/4	86,374
3		3		3	160,208	3	151,612	3	141,176	3	130,740	3	120,305	3	109,087	3	97,609	3	86,135
1/4	1/4	1/4	1/4	1/4	160,163	1/4	151,394	1/4	140,958	1/4	130,523	1/4	120,087	1/4	108,848	1/4	97,370	1/4	85,896
1/2	1/2	1/2	1/2	1/2	160,117	1/2	151,177	1/2	140,741	1/2	130,305	1/2	119,870	1/2	108,609	1/2	97,131	1/2	85,656
3/4	3/4	3/4	3/4	3/4	160,072	3/4	150,959	3/4	140,523	3/4	130,088	3/4	119,652	3/4	108,370	3/4	96,892	3/4	85,417
4		4		4	159,991	4	150,742	4	140,306	4	129,871	4	119,435	4	108,131	4	96,653	4	85,178
1/4	1/4	1/4	1/4	1/4	159,909	1/4	150,524	1/4	140,089	1/4	129,653	1/4	119,218	1/4	107,892	1/4	96,414	1/4	84,939
1/2	1/2	1/2	1/2	1/2	159,828	1/2	150,307	1/2	139,871	1/2	129,436	1/2	119,000	1/2	107,652	1/2	96,174	1/2	84,700
3/4	3/4	3/4	3/4	3/4	159,746	3/4	150,089	3/4	139,654	3/4	129,218	3/4	118,783	3/4	107,413	3/4	95,935	3/4	84,461
5		5		5	159,628	5	149,872	5	139,437	5	129,001	5	118,566	5	107,174	5	95,696	5	84,222
1/4	1/4	1/4	1/4	1/4	159,511	1/4	149,655	1/4	139,219	1/4	128,784	1/4	118,348	1/4	106,935	1/4	95,457	1/4	83,983
1/2	1/2	1/2	1/2	1/2	159,393	1/2	149,437	1/2	139,002	1/2	128,566	1/2	118,131	1/2	106,696	1/2	95,218	1/2	83,744
3/4	3/4	3/4	3/4	3/4	159,275	3/4	149,220	3/4	138,784	3/4	128,349	3/4	117,913	3/4	106,457	3/4	94,979	3/4	83,505
6		6		6	159,121	6	149,003	6	138,567	6	128,132	6	117,679	6	106,218	6	94,740	6	83,266
1/4	1/4	1/4	1/4	1/4	158,967	1/4	148,785	1/4	138,350	1/4	127,914	1/4	117,446	1/4	105,979	1/4	94,501	1/4	83,027
1/2	1/2	1/2	1/2	1/2	158,813	1/2	148,568	1/2	138,132	1/2	127,697	1/2	117,212	1/2	105,739	1/2	94,261	1/2	82,787
3/4	3/4	3/4	3/4	3/4	158,659	3/4	148,350	3/4	137,915	3/4	127,479	3/4	116,978	3/4	105,500	3/4	94,022	3/4	82,548
7		7		7	158,469	7	148,133	7	137,698	7	127,262	7	116,739	7	105,261	7	93,783	7	82,309
1/4	1/4	1/4	1/4	1/4	158,279	1/4	147,915	1/4	137,480	1/4	127,044	1/4	116,500	1/4	105,022	1/4	93,544	1/4	82,070
1/2	1/2	1/2	1/2	1/2	158,088	1/2	147,698	1/2	137,263	1/2	126,827	1/2	116,261	1/2	104,783	1/2	93,305	1/2	81,831
3/4	3/4	3/4	3/4	3/4	157,898	3/4	147,480	3/4	137,045	3/4	126,609	3/4	116,022	3/4	104,544	3/4	93,066	3/4	81,592
8		8		8	157,685	8	147,263	8	136,828	8	126,392	8	115,783	8	104,305	8	92,827	8	81,353
1/4	1/4	1/4	1/4	1/4	157,472	1/4	147,046	1/4	136,610	1/4	126,175	1/4	115,544	1/4	104,066	1/4	92,588	1/4	81,114
1/2	1/2	1/2	1/2	1/2	157,259	1/2	146,828	1/2	136,393	1/2	125,957	1/2	115,304	1/2	103,826	1/2	92,349	1/2	80,874
3/4	3/4	3/4	3/4	3/4	157,046	3/4	146,611	3/4	136,175	3/4	125,740	3/4	115,065	3/4	103,587	3/4	92,110	3/4	80,635
9		9		9	156,829	9	146,394	9	135,958	9	125,523	9	114,826	9	103,348	9	91,871	9	80,396
1/4	1/4	1/4	1/4	1/4	156,612	1/4	146,176	1/4	135,741	1/4	125,305	1/4	114,587	1/4	103,109	1/4	91,632	1/4	80,157
1/2	1/2	1/2	1/2	1/2	156,394	1/2	145,959	1/2	135,523	1/2	125,088	1/2	114,348	1/2	102,870	1/2	91,393	1/2	79,918
3/4	3/4	3/4	3/4	3/4	156,177	3/4	145,741	3/4	135,306	3/4	124,870	3/4	114,109	3/4	102,631	3/4	91,154	3/4	79,679
10		10		10	155,960	10	145,524	10	135,089	10	124,653	10	113,870	10	102,392	10	90,915	10	79,440
1/4	1/4	1/4	1/4	1/4	155,742	1/4	145,307	1/4	134,871	1/4	124,435	1/4	113,631	1/4	102,153	1/4	90,676	1/4	79,201
1/2	1/2	1/2	1/2	1/2	155,525	1/2	145,089	1/2	134,654	1/2	124,218	1/2	113,391	1/2	101,913	1/2	90,437	1/2	78,962
3/4	3/4	3/4	3/4	3/4	155,307	3/4	144,872	3/4	134,436	3/4	124,000	3/4	113,152	3/4	101,674	3/4	90,198	3/4	78,723
11		11		11	155,090	11	144,655	11	134,219	11	123,783	11	112,913	11	101,435	11	89,959	11	78,484
1/4	1/4	1/4	1/4	1/4	154,872	1/4	144,437	1/4	134,001	1/4	123,566	1/4	112,674	1/4	101,196	1/4	89,720	1/4	78,245
1/2	1/2	1/2	1/2	1/2	154,655	1/2	144,220	1/2	133,784	1/2	123,348	1/2	112,435	1/2	100,957	1/2	89,481	1/2	78,005
3/4	3/4	3/4	3/4	3/4	154,437	3/4	144,002	3/4	133,566	3/4	123,131	3/4	112,196	3/4	100,718	3/4	89,242	3/4	77,766

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 00'-09" OFF CENTERLINE AND 27'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 133"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	77,527	0	66,050	0	54,572	0	43,095	0	31,645	0	20,155	0	8,653	0		0		0	
1/4	77,288	1/4	65,811	1/4	54,333	1/4	42,856	1/4	31,407	1/4	19,915	1/4	8,413	1/4		1/4		1/4	
1/2	77,049	1/2	65,571	1/2	54,094	1/2	42,616	1/2	31,168	1/2	19,676	1/2	8,174	1/2		1/2		1/2	
3/4	76,810	3/4	65,332	3/4	53,855	3/4	42,377	3/4	30,930	3/4	19,436	3/4	7,934	3/4		3/4		3/4	
1	76,571	1	65,093	1	53,616	1	42,138	1	30,691	1	19,196	1	7,694	1	1	1		1	
1/4	76,332	1/4	64,854	1/4	53,377	1/4	41,899	1/4	30,453	1/4	18,957	1/4	7,455	1/4		1/4		1/4	
1/2	76,092	1/2	64,615	1/2	53,137	1/2	41,660	1/2	30,214	1/2	18,717	1/2	7,215	1/2		1/2		1/2	
3/4	75,853	3/4	64,376	3/4	52,898	3/4	41,421	3/4	29,975	3/4	18,477	3/4	6,975	3/4		3/4		3/4	
2	75,614	2	64,137	2	52,659	2	41,182	2	29,736	2	18,238	2	6,736	2	2	2		2	
1/4	75,375	1/4	63,898	1/4	52,420	1/4	40,943	1/4	29,497	1/4	17,998	1/4	6,496	1/4		1/4		1/4	
1/2	75,136	1/2	63,658	1/2	52,181	1/2	40,703	1/2	29,257	1/2	17,759	1/2	6,257	1/2		1/2		1/2	
3/4	74,897	3/4	63,419	3/4	51,942	3/4	40,464	3/4	29,018	3/4	17,519	3/4	6,017	3/4		3/4		3/4	
3	74,658	3	63,180	3	51,703	3	40,226	3	28,779	3	17,279	3	5,777	3	3	3		3	
1/4	74,419	1/4	62,941	1/4	51,464	1/4	39,987	1/4	28,540	1/4	17,040	1/4	5,538	1/4		1/4		1/4	
1/2	74,179	1/2	62,702	1/2	51,224	1/2	39,749	1/2	28,301	1/2	16,800	1/2	5,298	1/2		1/2		1/2	
3/4	73,940	3/4	62,463	3/4	50,985	3/4	39,510	3/4	28,062	3/4	16,560	3/4	5,058	3/4		3/4		3/4	
4	73,701	4	62,224	4	50,746	4	39,272	4	27,823	4	16,321	4	4,819	4	4	4		4	
1/4	73,462	1/4	61,985	1/4	50,507	1/4	39,033	1/4	27,583	1/4	16,081	1/4	4,579	1/4		1/4		1/4	
1/2	73,223	1/2	61,745	1/2	50,268	1/2	38,795	1/2	27,344	1/2	15,842	1/2	4,340	1/2		1/2		1/2	
3/4	72,984	3/4	61,506	3/4	50,029	3/4	38,556	3/4	27,104	3/4	15,602	3/4	4,100	3/4		3/4		3/4	
5	72,745	5	61,267	5	49,790	5	38,318	5	26,864	5	15,362	5	3,860	5	5	5		5	
1/4	72,506	1/4	61,028	1/4	49,551	1/4	38,079	1/4	26,625	1/4	15,123	1/4	3,621	1/4		1/4		1/4	
1/2	72,266	1/2	60,789	1/2	49,311	1/2	37,841	1/2	26,385	1/2	14,883	1/2	3,381	1/2		1/2		1/2	
3/4	72,027	3/4	60,550	3/4	49,072	3/4	37,602	3/4	26,145	3/4	14,643	3/4	3,141	3/4		3/4		3/4	
6	71,788	6	60,311	6	48,833	6	37,364	6	25,906	6	14,404	6	2,902	6	6	6		6	
1/4	71,549	1/4	60,072	1/4	48,594	1/4	37,125	1/4	25,666	1/4	14,164	1/4	2,662	1/4		1/4		1/4	
1/2	71,310	1/2	59,832	1/2	48,355	1/2	36,887	1/2	25,427	1/2	13,925	1/2	2,423	1/2		1/2		1/2	
3/4	71,071	3/4	59,593	3/4	48,116	3/4	36,648	3/4	25,187	3/4	13,685	3/4	2,183	3/4		3/4		3/4	
7	70,832	7	59,354	7	47,877	7	36,410	7	24,947	7	13,445	7	1,966	7	7	7		7	
1/4	70,593	1/4	59,115	1/4	47,638	1/4	36,172	1/4	24,708	1/4	13,206	1/4	1,749	1/4		1/4		1/4	
1/2	70,353	1/2	58,876	1/2	47,399	1/2	35,933	1/2	24,468	1/2	12,966	1/2	1,531	1/2		1/2		1/2	
3/4	70,114	3/4	58,637	3/4	47,160	3/4	35,695	3/4	24,228	3/4	12,726	3/4	1,314	3/4		3/4		3/4	
8	69,875	8	58,398	8	46,921	8	35,457	8	23,989	8	12,487	8	1,149	8	8	8		8	
1/4	69,636	1/4	58,159	1/4	46,682	1/4	35,219	1/4	23,749	1/4	12,247	1/4	985	1/4		1/4		1/4	
1/2	69,397	1/2	57,920	1/2	46,442	1/2	34,980	1/2	23,510	1/2	12,008	1/2	820	1/2		1/2		1/2	
3/4	69,158	3/4	57,681	3/4	46,203	3/4	34,742	3/4	23,270	3/4	11,768	3/4	655	3/4		3/4		3/4	
9	68,919	9	57,442	9	45,964	9	34,504	9	23,030	9	11,528	9	550	9	9	9		9	
1/4	68,680	1/4	57,203	1/4	45,725	1/4	34,266	1/4	22,791	1/4	11,289	1/4	446	1/4		1/4		1/4	
1/2	68,441	1/2	56,963	1/2	45,486	1/2	34,027	1/2	22,551	1/2	11,049	1/2	341	1/2		1/2		1/2	
3/4	68,202	3/4	56,724	3/4	45,247	3/4	33,789	3/4	22,311	3/4	10,809	3/4	236	3/4		3/4		3/4	
10	67,963	10	56,485	10	45,008	10	33,551	10	22,072	10	10,570	10	191	10	10	10		10	
1/4	67,724	1/4	56,246	1/4	44,769	1/4	33,313	1/4	21,832	1/4	10,330	1/4	146	1/4		1/4		1/4	
1/2	67,484	1/2	56,007	1/2	44,529	1/2	33,074	1/2	21,593	1/2	10,091	1/2	101	1/2		1/2		1/2	
3/4	67,245	3/4	55,768	3/4	44,290	3/4	32,836	3/4	21,353	3/4	9,851	3/4	56	3/4		3/4		3/4	
11	67,006	11	55,529	11	44,051	11	32,598	11	21,113	11	9,611	11		11	11	11		11	
1/4	66,767	1/4	55,290	1/4	43,812	1/4	32,360	1/4	20,874	1/4	9,372	1/4		1/4		1/4		1/4	
1/2	66,528	1/2	55,050	1/2	43,573	1/2	32,121	1/2	20,634	1/2	9,132	1/2		1/2		1/2		1/2	
3/4	66,289	3/4	54,811	3/4	43,334	3/4	31,883	3/4	20,394	3/4	8,892	3/4		3/4		3/4		3/4	

STRAPPED: 05/16/2003 DAR-KF
DECK MEASUREMENTS: 05/27/2015 SW
PRINTED: 05/28/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CBC 133"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	143,678	0	133,213	0	122,747	0	112,282	0	101,816	0	91,351	0	80,886
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,460	1/4	132,995	1/4	122,529	1/4	112,064	1/4	101,598	1/4	91,133	1/4	80,667
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,242	1/2	132,777	1/2	122,311	1/2	111,846	1/2	101,380	1/2	90,915	1/2	80,449
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,024	3/4	132,559	3/4	122,093	3/4	111,628	3/4	101,162	3/4	90,697	3/4	80,231
1		1		1		1	142,806	1	132,341	1	121,875	1	111,410	1	100,944	1	90,479	1	80,013
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,588	1/4	132,123	1/4	121,657	1/4	111,192	1/4	100,726	1/4	90,261	1/4	79,795
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,370	1/2	131,905	1/2	121,439	1/2	110,974	1/2	100,508	1/2	90,043	1/2	79,577
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,001	3/4	142,152	3/4	131,687	3/4	121,221	3/4	110,756	3/4	100,290	3/4	89,825
2		2		2		2	149,983	2	141,934	2	131,469	2	121,003	2	110,538	2	100,072	2	89,607
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,965	1/4	141,716	1/4	131,250	1/4	120,785	1/4	110,320	1/4	99,854	1/4	89,389
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,947	1/2	141,498	1/2	131,032	1/2	120,567	1/2	110,102	1/2	99,636	1/2	89,171
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,902	3/4	141,280	3/4	130,814	3/4	120,349	3/4	109,884	3/4	99,418	3/4	88,953
3		3		3		3	149,856	3	141,062	3	130,596	3	120,131	3	109,666	3	99,200	3	88,735
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,811	1/4	140,844	1/4	130,378	1/4	119,913	1/4	109,447	1/4	98,982	1/4	88,517
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,765	1/2	140,626	1/2	130,160	1/2	119,695	1/2	109,229	1/2	98,764	1/2	88,299
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,683	3/4	140,408	3/4	129,942	3/4	119,477	3/4	109,011	3/4	98,546	3/4	88,081
4		4		4		4	149,602	4	140,190	4	129,724	4	119,259	4	108,793	4	98,328	4	87,863
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,520	1/4	139,972	1/4	129,506	1/4	119,041	1/4	108,575	1/4	98,110	1/4	87,644
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,438	1/2	139,754	1/2	129,288	1/2	118,823	1/2	108,357	1/2	97,892	1/2	87,426
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,320	3/4	139,536	3/4	129,070	3/4	118,605	3/4	108,139	3/4	97,674	3/4	87,208
5		5		5		5	149,202	5	139,318	5	128,852	5	118,387	5	107,921	5	97,456	5	86,990
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,083	1/4	139,100	1/4	128,634	1/4	118,169	1/4	107,703	1/4	97,238	1/4	86,772
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,965	1/2	138,882	1/2	128,416	1/2	117,951	1/2	107,485	1/2	97,020	1/2	86,554
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,811	3/4	138,664	3/4	128,198	3/4	117,733	3/4	107,267	3/4	96,802	3/4	86,336
6		6		6		6	148,657	6	138,446	6	127,980	6	117,515	6	107,049	6	96,584	6	86,118
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,502	1/4	138,227	1/4	127,762	1/4	117,297	1/4	106,831	1/4	96,366	1/4	85,900
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,348	1/2	138,009	1/2	127,544	1/2	117,079	1/2	106,613	1/2	96,148	1/2	85,682
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,157	3/4	137,791	3/4	127,326	3/4	116,861	3/4	106,395	3/4	95,930	3/4	85,464
7		7		7		7	147,967	7	137,573	7	127,108	7	116,643	7	106,177	7	95,712	7	85,246
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,776	1/4	137,355	1/4	126,890	1/4	116,424	1/4	105,959	1/4	95,493	1/4	85,028
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,585	1/2	137,137	1/2	126,672	1/2	116,206	1/2	105,741	1/2	95,275	1/2	84,810
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,372	3/4	136,919	3/4	126,454	3/4	115,988	3/4	105,523	3/4	95,057	3/4	84,592
8		8		8		8	147,158	8	136,701	8	126,236	8	115,770	8	105,305	8	94,839	8	84,374
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,945	1/4	136,483	1/4	126,018	1/4	115,552	1/4	105,087	1/4	94,621	1/4	84,156
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,731	1/2	136,265	1/2	125,800	1/2	115,334	1/2	104,869	1/2	94,403	1/2	83,938
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,513	3/4	136,047	3/4	125,582	3/4	115,116	3/4	104,651	3/4	94,185	3/4	83,720
9		9		9		9	146,295	9	135,829	9	125,364	9	114,898	9	104,433	9	93,967	9	83,502
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,077	1/4	135,611	1/4	125,146	1/4	114,680	1/4	104,215	1/4	93,749	1/4	83,284
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,859	1/2	135,393	1/2	124,928	1/2	114,462	1/2	103,997	1/2	93,531	1/2	83,066
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,641	3/4	135,175	3/4	124,710	3/4	114,244	3/4	103,779	3/4	93,313	3/4	82,848
10		10		10		10	145,423	10	134,957	10	124,492	10	114,026	10	103,561	10	93,095	10	82,630
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,204	1/4	134,739	1/4	124,274	1/4	113,808	1/4	103,343	1/4	92,877	1/4	82,412
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,986	1/2	134,521	1/2	124,056	1/2	113,590	1/2	103,125	1/2	92,659	1/2	82,194
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,768	3/4	134,303	3/4	123,838	3/4	113,372	3/4	102,907	3/4	92,441	3/4	81,976
11		11		11		11	144,550	11	134,085	11	123,620	11	113,154	11	102,689	11	92,223	11	81,758
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,332	1/4	133,867	1/4	123,401	1/4	112,936	1/4	102,470	1/4	92,005	1/4	81,540
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,114	1/2	133,649	1/2	123,183	1/2	112,718	1/2	102,252	1/2	91,787	1/2	81,322
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,896	3/4	133,431	3/4	122,965	3/4	112,500	3/4	102,034	3/4	91,569	3/4	81,104

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 00'-09" OFF CENTERLINE AND 27'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 133"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	70,420	0	59,955	0	49,489	0	39,024	0	28,586	0	18,122	0	7,657	0		0		0	
1/4	70,202	1/4	59,737	1/4	49,271	1/4	38,806	1/4	28,368	1/4	17,904	1/4	7,439	1/4		1/4		1/4	
1/2	69,984	1/2	59,519	1/2	49,053	1/2	38,588	1/2	28,151	1/2	17,686	1/2	7,221	1/2		1/2		1/2	
3/4	69,766	3/4	59,301	3/4	48,835	3/4	38,370	3/4	27,933	3/4	17,468	3/4	7,003	3/4		3/4		3/4	
1	69,548	1	59,083	1	48,617	1	38,152	1	27,715	1	17,250	1	6,785	1		1		1	
1/4	69,330	1/4	58,864	1/4	48,399	1/4	37,933	1/4	27,497	1/4	17,032	1/4	6,567	1/4		1/4		1/4	
1/2	69,112	1/2	58,646	1/2	48,181	1/2	37,715	1/2	27,279	1/2	16,814	1/2	6,349	1/2		1/2		1/2	
3/4	68,894	3/4	58,428	3/4	47,963	3/4	37,497	3/4	27,061	3/4	16,596	3/4	6,131	3/4		3/4		3/4	
2	68,676	2	58,210	2	47,745	2	37,279	2	26,843	2	16,378	2	5,913	2		2		2	
1/4	68,458	1/4	57,992	1/4	47,527	1/4	37,061	1/4	26,625	1/4	16,160	1/4	5,695	1/4		1/4		1/4	
1/2	68,240	1/2	57,774	1/2	47,309	1/2	36,843	1/2	26,407	1/2	15,942	1/2	5,477	1/2		1/2		1/2	
3/4	68,022	3/4	57,556	3/4	47,091	3/4	36,626	3/4	26,189	3/4	15,724	3/4	5,259	3/4		3/4		3/4	
3	67,804	3	57,338	3	46,873	3	36,408	3	25,971	3	15,506	3	5,041	3		3		3	
1/4	67,586	1/4	57,120	1/4	46,655	1/4	36,191	1/4	25,753	1/4	15,288	1/4	4,823	1/4		1/4		1/4	
1/2	67,368	1/2	56,902	1/2	46,437	1/2	35,973	1/2	25,535	1/2	15,070	1/2	4,605	1/2		1/2		1/2	
3/4	67,150	3/4	56,684	3/4	46,219	3/4	35,756	3/4	25,317	3/4	14,852	3/4	4,387	3/4		3/4		3/4	
4	66,932	4	56,466	4	46,001	4	35,539	4	25,099	4	14,634	4	4,169	4		4		4	
1/4	66,713	1/4	56,248	1/4	45,783	1/4	35,321	1/4	24,881	1/4	14,416	1/4	3,951	1/4		1/4		1/4	
1/2	66,495	1/2	56,030	1/2	45,565	1/2	35,104	1/2	24,663	1/2	14,198	1/2	3,733	1/2		1/2		1/2	
3/4	66,277	3/4	55,812	3/4	45,347	3/4	34,887	3/4	24,445	3/4	13,980	3/4	3,515	3/4		3/4		3/4	
5	66,059	5	55,594	5	45,129	5	34,670	5	24,227	5	13,762	5	3,297	5		5		5	
1/4	65,841	1/4	55,376	1/4	44,910	1/4	34,452	1/4	24,009	1/4	13,544	1/4	3,079	1/4		1/4		1/4	
1/2	65,623	1/2	55,158	1/2	44,692	1/2	34,235	1/2	23,791	1/2	13,326	1/2	2,861	1/2		1/2		1/2	
3/4	65,405	3/4	54,940	3/4	44,474	3/4	34,018	3/4	23,573	3/4	13,108	3/4	2,643	3/4		3/4		3/4	
6	65,187	6	54,722	6	44,256	6	33,800	6	23,355	6	12,890	6	2,425	6		6		6	
1/4	64,969	1/4	54,504	1/4	44,038	1/4	33,583	1/4	23,137	1/4	12,672	1/4	2,207	1/4		1/4		1/4	
1/2	64,751	1/2	54,286	1/2	43,820	1/2	33,365	1/2	22,919	1/2	12,454	1/2	1,989	1/2		1/2		1/2	
3/4	64,533	3/4	54,068	3/4	43,602	3/4	33,148	3/4	22,701	3/4	12,236	3/4	1,791	3/4		3/4		3/4	
7	64,315	7	53,850	7	43,384	7	32,931	7	22,483	7	12,018	7	1,594	7		7		7	
1/4	64,097	1/4	53,632	1/4	43,166	1/4	32,713	1/4	22,265	1/4	11,800	1/4	1,396	1/4		1/4		1/4	
1/2	63,879	1/2	53,414	1/2	42,948	1/2	32,496	1/2	22,047	1/2	11,582	1/2	1,198	1/2		1/2		1/2	
3/4	63,661	3/4	53,196	3/4	42,730	3/4	32,279	3/4	21,829	3/4	11,364	3/4	1,048	3/4		3/4		3/4	
8	63,443	8	52,978	8	42,512	8	32,062	8	21,611	8	11,146	8	899	8		8		8	
1/4	63,225	1/4	52,760	1/4	42,294	1/4	31,844	1/4	21,393	1/4	10,928	1/4	749	1/4		1/4		1/4	
1/2	63,007	1/2	52,542	1/2	42,076	1/2	31,627	1/2	21,175	1/2	10,710	1/2	599	1/2		1/2		1/2	
3/4	62,789	3/4	52,324	3/4	41,858	3/4	31,410	3/4	20,957	3/4	10,492	3/4	504	3/4		3/4		3/4	
9	62,571	9	52,106	9	41,640	9	31,193	9	20,739	9	10,274	9	408	9		9		9	
1/4	62,353	1/4	51,887	1/4	41,422	1/4	30,975	1/4	20,521	1/4	10,055	1/4	313	1/4		1/4		1/4	
1/2	62,135	1/2	51,669	1/2	41,204	1/2	30,758	1/2	20,303	1/2	9,837	1/2	217	1/2		1/2		1/2	
3/4	61,917	3/4	51,451	3/4	40,986	3/4	30,541	3/4	20,085	3/4	9,619	3/4	176	3/4		3/4		3/4	
10	61,699	10	51,233	10	40,768	10	30,324	10	19,867	10	9,401	10	136	10		10		10	
1/4	61,481	1/4	51,015	1/4	40,550	1/4	30,106	1/4	19,649	1/4	9,183	1/4	95	1/4		1/4		1/4	
1/2	61,263	1/2	50,797	1/2	40,332	1/2	29,889	1/2	19,431	1/2	8,965	1/2	54	1/2		1/2		1/2	
3/4	61,045	3/4	50,579	3/4	40,114	3/4	29,672	3/4	19,213	3/4	8,747	3/4		3/4		3/4		3/4	
11	60,827	11	50,361	11	39,896	11	29,455	11	18,995	11	8,529	11		11		11		11	
1/4	60,609	1/4	50,143	1/4	39,678	1/4	29,237	1/4	18,776	1/4	8,311	1/4		1/4		1/4		1/4	
1/2	60,391	1/2	49,925	1/2	39,460	1/2	29,020	1/2	18,558	1/2	8,093	1/2		1/2		1/2		1/2	
3/4	60,173	3/4	49,707	3/4	39,242	3/4	28,803	3/4	18,340	3/4	7,875	3/4		3/4		3/4		3/4	

STRAPPED: 05/16/2003 DAR-KF
DECK MEASUREMENTS: 05/27/2015 SW
PRINTED: 05/28/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 133"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	142,544	0	132,147	0	121,750	0	111,354	0	100,957	0	90,560	0	80,163
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,327	1/4	131,930	1/4	121,533	1/4	111,137	1/4	100,740	1/4	90,343	1/4	79,946
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,111	1/2	131,714	1/2	121,317	1/2	110,920	1/2	100,523	1/2	90,127	1/2	79,730
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,894	3/4	131,497	3/4	121,100	3/4	110,704	3/4	100,307	3/4	89,910	3/4	79,513
1		1		1		1	141,678	1	131,281	1	120,884	1	110,487	1	100,090	1	89,694	1	79,297
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,461	1/4	131,064	1/4	120,667	1/4	110,270	1/4	99,873	1/4	89,477	1/4	79,080
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,042	1/2	141,244	1/2	130,847	1/2	120,451	1/2	110,054	1/2	99,657	1/2	78,863
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,024	3/4	141,028	3/4	130,631	3/4	120,234	3/4	109,837	3/4	99,440	3/4	78,647
2		2		2		2	149,005	2	140,811	2	130,414	2	120,018	2	109,621	2	99,224	2	78,430
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,987	1/4	140,594	1/4	130,197	1/4	119,801	1/4	109,404	1/4	99,007	1/4	78,213
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,942	1/2	140,378	1/2	129,981	1/2	119,584	1/2	109,187	1/2	98,791	1/2	77,997
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,897	3/4	140,161	3/4	129,764	3/4	119,368	3/4	108,971	3/4	98,574	3/4	77,780
3		3		3		3	148,852	3	139,945	3	129,548	3	119,151	3	108,754	3	98,358	3	77,564
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,807	1/4	139,728	1/4	129,331	1/4	118,934	1/4	108,537	1/4	98,141	1/4	77,347
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,726	1/2	139,511	1/2	129,115	1/2	118,718	1/2	108,321	1/2	97,924	1/2	77,131
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,645	3/4	139,295	3/4	128,898	3/4	118,501	3/4	108,104	3/4	97,708	3/4	76,914
4		4		4		4	148,563	4	139,078	4	128,682	4	118,285	4	107,888	4	97,491	4	76,698
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,482	1/4	138,861	1/4	128,465	1/4	118,068	1/4	107,671	1/4	97,274	1/4	76,481
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,365	1/2	138,645	1/2	128,248	1/2	117,851	1/2	107,455	1/2	97,058	1/2	76,264
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,248	3/4	138,428	3/4	128,032	3/4	117,635	3/4	107,238	3/4	96,841	3/4	76,048
5		5		5		5	148,130	5	138,212	5	127,815	5	117,418	5	107,022	5	96,625	5	75,831
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,013	1/4	137,995	1/4	127,598	1/4	117,201	1/4	106,805	1/4	96,408	1/4	75,614
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,860	1/2	137,779	1/2	127,382	1/2	116,985	1/2	106,588	1/2	96,191	1/2	75,398
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,706	3/4	137,562	3/4	127,165	3/4	116,768	3/4	106,372	3/4	95,975	3/4	75,181
6		6		6		6	147,553	6	137,346	6	126,949	6	116,552	6	106,155	6	95,758	6	74,965
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,399	1/4	137,129	1/4	126,732	1/4	116,335	1/4	105,938	1/4	95,541	1/4	74,748
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,210	1/2	136,912	1/2	126,515	1/2	116,119	1/2	105,722	1/2	95,325	1/2	74,531
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,020	3/4	136,696	3/4	126,299	3/4	115,902	3/4	105,505	3/4	95,108	3/4	74,315
7		7		7		7	146,831	7	136,479	7	126,082	7	115,686	7	105,289	7	94,892	7	74,098
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,641	1/4	136,262	1/4	125,865	1/4	115,469	1/4	105,072	1/4	94,675	1/4	73,881
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,429	1/2	136,046	1/2	125,649	1/2	115,252	1/2	104,855	1/2	94,459	1/2	73,665
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,217	3/4	135,829	3/4	125,432	3/4	115,036	3/4	104,639	3/4	94,242	3/4	73,448
8		8		8		8	146,005	8	135,613	8	125,216	8	114,819	8	104,422	8	94,026	8	73,232
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,793	1/4	135,396	1/4	124,999	1/4	114,602	1/4	104,205	1/4	93,809	1/4	73,015
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,576	1/2	135,179	1/2	124,783	1/2	114,386	1/2	103,989	1/2	93,592	1/2	72,799
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,360	3/4	134,963	3/4	124,566	3/4	114,169	3/4	103,772	3/4	93,376	3/4	72,582
9		9		9		9	145,143	9	134,746	9	124,350	9	113,953	9	103,556	9	93,159	9	72,366
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,926	1/4	134,529	1/4	124,133	1/4	113,736	1/4	103,339	1/4	92,942	1/4	72,149
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,710	1/2	134,313	1/2	123,916	1/2	113,519	1/2	103,123	1/2	92,726	1/2	71,932
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,493	3/4	134,096	3/4	123,700	3/4	113,303	3/4	102,906	3/4	92,509	3/4	71,716
10		10		10		10	144,277	10	133,880	10	123,483	10	113,086	10	102,690	10	92,293	10	71,499
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,060	1/4	133,663	1/4	123,266	1/4	112,869	1/4	102,473	1/4	92,076	1/4	71,282
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,843	1/2	133,447	1/2	123,050	1/2	112,653	1/2	102,256	1/2	91,859	1/2	71,066
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,627	3/4	133,230	3/4	122,833	3/4	112,436	3/4	102,040	3/4	91,643	3/4	70,849
11		11		11		11	143,410	11	133,014	11	122,617	11	112,220	11	101,823	11	91,426	11	70,633
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,193	1/4	132,797	1/4	122,400	1/4	112,003	1/4	101,606	1/4	91,209	1/4	70,416
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,977	1/2	132,580	1/2	122,183	1/2	111,787	1/2	101,390	1/2	90,993	1/2	70,199
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,760	3/4	132,364	3/4	121,967	3/4	111,570	3/4	101,173	3/4	90,776	3/4	69,983

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 00'-09" OFF CENTERLINE AND 26'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 133"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10 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	69,766	0	59,370	0	48,973	0	38,576	0	28,184	0	17,787	0	7,391	0		0		0	
1/4	69,549	1/4	59,153	1/4	48,756	1/4	38,359	1/4	27,967	1/4	17,570	1/4	7,174	1/4		1/4		1/4	
1/2	69,333	1/2	58,936	1/2	48,540	1/2	38,143	1/2	27,751	1/2	17,354	1/2	6,958	1/2		1/2		1/2	
3/4	69,116	3/4	58,720	3/4	48,323	3/4	37,926	3/4	27,534	3/4	17,137	3/4	6,741	3/4		3/4		3/4	
1	68,900	1	58,503	1	48,107	1	37,710	1	27,318	1	16,921	1	6,525	1	1	1		1	
1/4	68,683	1/4	58,286	1/4	47,890	1/4	37,493	1/4	27,101	1/4	16,704	1/4	6,308	1/4		1/4		1/4	
1/2	68,467	1/2	58,070	1/2	47,673	1/2	37,276	1/2	26,884	1/2	16,488	1/2	6,091	1/2		1/2		1/2	
3/4	68,250	3/4	57,853	3/4	47,457	3/4	37,060	3/4	26,668	3/4	16,271	3/4	5,875	3/4		3/4		3/4	
2	68,034	2	57,637	2	47,240	2	36,843	2	26,451	2	16,055	2	5,658	2	2	2		2	
1/4	67,817	1/4	57,420	1/4	47,023	1/4	36,626	1/4	26,234	1/4	15,838	1/4	5,441	1/4		1/4		1/4	
1/2	67,600	1/2	57,204	1/2	46,807	1/2	36,410	1/2	26,018	1/2	15,621	1/2	5,225	1/2		1/2		1/2	
3/4	67,384	3/4	56,987	3/4	46,590	3/4	36,193	3/4	25,801	3/4	15,405	3/4	5,008	3/4		3/4		3/4	
3	67,167	3	56,771	3	46,374	3	35,977	3	25,585	3	15,188	3	4,792	3	3	3		3	
1/4	66,950	1/4	56,554	1/4	46,157	1/4	35,760	1/4	25,368	1/4	14,971	1/4	4,575	1/4		1/4		1/4	
1/2	66,734	1/2	56,337	1/2	45,940	1/2	35,544	1/2	25,151	1/2	14,755	1/2	4,358	1/2		1/2		1/2	
3/4	66,517	3/4	56,121	3/4	45,724	3/4	35,327	3/4	24,935	3/4	14,538	3/4	4,142	3/4		3/4		3/4	
4	66,301	4	55,904	4	45,507	4	35,111	4	24,718	4	14,322	4	3,925	4	4	4		4	
1/4	66,084	1/4	55,687	1/4	45,290	1/4	34,894	1/4	24,501	1/4	14,105	1/4	3,708	1/4		1/4		1/4	
1/2	65,868	1/2	55,471	1/2	45,074	1/2	34,678	1/2	24,285	1/2	13,889	1/2	3,492	1/2		1/2		1/2	
3/4	65,651	3/4	55,254	3/4	44,857	3/4	34,461	3/4	24,068	3/4	13,672	3/4	3,275	3/4		3/4		3/4	
5	65,435	5	55,038	5	44,641	5	34,245	5	23,852	5	13,456	5	3,059	5	5	5		5	
1/4	65,218	1/4	54,821	1/4	44,424	1/4	34,028	1/4	23,635	1/4	13,239	1/4	2,842	1/4		1/4		1/4	
1/2	65,001	1/2	54,604	1/2	44,208	1/2	33,812	1/2	23,419	1/2	13,022	1/2	2,626	1/2		1/2		1/2	
3/4	64,785	3/4	54,388	3/4	43,991	3/4	33,595	3/4	23,202	3/4	12,806	3/4	2,409	3/4		3/4		3/4	
6	64,568	6	54,171	6	43,775	6	33,379	6	22,986	6	12,589	6	2,193	6	6	6		6	
1/4	64,351	1/4	53,954	1/4	43,558	1/4	33,162	1/4	22,769	1/4	12,372	1/4	1,976	1/4		1/4		1/4	
1/2	64,135	1/2	53,738	1/2	43,341	1/2	32,946	1/2	22,552	1/2	12,156	1/2	1,780	1/2		1/2		1/2	
3/4	63,918	3/4	53,521	3/4	43,125	3/4	32,729	3/4	22,336	3/4	11,939	3/4	1,584	3/4		3/4		3/4	
7	63,702	7	53,305	7	42,908	7	32,513	7	22,119	7	11,723	7	1,387	7	7	7		7	
1/4	63,485	1/4	53,088	1/4	42,691	1/4	32,296	1/4	21,902	1/4	11,506	1/4	1,191	1/4		1/4		1/4	
1/2	63,268	1/2	52,872	1/2	42,475	1/2	32,080	1/2	21,686	1/2	11,289	1/2	1,042	1/2		1/2		1/2	
3/4	63,052	3/4	52,655	3/4	42,258	3/4	31,863	3/4	21,469	3/4	11,073	3/4	893	3/4		3/4		3/4	
8	62,835	8	52,439	8	42,042	8	31,647	8	21,253	8	10,856	8	744	8	8	8		8	
1/4	62,618	1/4	52,222	1/4	41,825	1/4	31,430	1/4	21,036	1/4	10,639	1/4	595	1/4		1/4		1/4	
1/2	62,402	1/2	52,005	1/2	41,608	1/2	31,214	1/2	20,820	1/2	10,423	1/2	500	1/2		1/2		1/2	
3/4	62,185	3/4	51,789	3/4	41,392	3/4	30,997	3/4	20,603	3/4	10,206	3/4	406	3/4		3/4		3/4	
9	61,969	9	51,572	9	41,175	9	30,781	9	20,387	9	9,990	9	311	9	9	9		9	
1/4	61,752	1/4	51,355	1/4	40,958	1/4	30,564	1/4	20,170	1/4	9,773	1/4	216	1/4		1/4		1/4	
1/2	61,536	1/2	51,139	1/2	40,742	1/2	30,348	1/2	19,953	1/2	9,557	1/2	176	1/2		1/2		1/2	
3/4	61,319	3/4	50,922	3/4	40,525	3/4	30,132	3/4	19,737	3/4	9,340	3/4	135	3/4		3/4		3/4	
10	61,103	10	50,706	10	40,309	10	29,915	10	19,520	10	9,124	10	95	10	10	10		10	
1/4	60,886	1/4	50,489	1/4	40,092	1/4	29,699	1/4	19,303	1/4	8,907	1/4	54	1/4		1/4		1/4	
1/2	60,669	1/2	50,272	1/2	39,876	1/2	29,483	1/2	19,087	1/2	8,690	1/2		1/2		1/2		1/2	
3/4	60,453	3/4	50,056	3/4	39,659	3/4	29,266	3/4	18,870	3/4	8,474	3/4		3/4		3/4		3/4	
11	60,236	11	49,839	11	39,443	11	29,050	11	18,654	11	8,257	11		11	11	11		11	
1/4	60,019	1/4	49,622	1/4	39,226	1/4	28,833	1/4	18,437	1/4	8,040	1/4		1/4		1/4		1/4	
1/2	59,803	1/2	49,406	1/2	39,009	1/2	28,617	1/2	18,220	1/2	7,824	1/2		1/2		1/2		1/2	
3/4	59,586	3/4	49,189	3/4	38,793	3/4	28,400	3/4	18,004	3/4	7,607	3/4		3/4		3/4		3/4	

STRAPPED: 05/16/2003 DAR-KF
DECK MEASUREMENTS: 05/27/2015 SW
PRINTED: 05/28/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

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