



BARGE "CBC 132"

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	01-1/8	- 01-1/8
2 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4
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"

April 23, 2015

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

<http://www.pmacorp.net>



BARGE "CBC 132"

1 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	83	0	10,417	0	21,886	0	33,338	0	44,785	0	56,250	0	67,715	0	79,179	0	90,644	0	102,112
1/4	153	1/4	10,656	1/4	22,125	1/4	33,576	1/4	45,024	1/4	56,489	1/4	67,954	1/4	79,418	1/4	90,883	1/4	102,351
1/2	223	1/2	10,895	1/2	22,364	1/2	33,814	1/2	45,263	1/2	56,728	1/2	68,193	1/2	79,657	1/2	91,122	1/2	102,590
3/4	292	3/4	11,134	3/4	22,603	3/4	34,052	3/4	45,501	3/4	56,966	3/4	68,431	3/4	79,895	3/4	91,361	3/4	102,828
1	362	1	11,373	1	22,842	1	34,290	1	45,740	1	57,205	1	68,670	1	80,134	1	91,600	1	103,067
1/4	511	1/4	11,612	1/4	23,081	1/4	34,528	1/4	45,979	1/4	57,444	1/4	68,909	1/4	80,373	1/4	91,839	1/4	103,306
1/2	661	1/2	11,851	1/2	23,320	1/2	34,766	1/2	46,218	1/2	57,683	1/2	69,148	1/2	80,612	1/2	92,078	1/2	103,545
3/4	810	3/4	12,090	3/4	23,558	3/4	35,004	3/4	46,457	3/4	57,922	3/4	69,387	3/4	80,850	3/4	92,317	3/4	103,784
2	959	2	12,329	2	23,797	2	35,242	2	46,696	2	58,161	2	69,626	2	81,089	2	92,556	2	104,023
1/4	1,173	1/4	12,568	1/4	24,036	1/4	35,480	1/4	46,935	1/4	58,400	1/4	69,865	1/4	81,328	1/4	92,795	1/4	104,262
1/2	1,388	1/2	12,807	1/2	24,275	1/2	35,718	1/2	47,174	1/2	58,639	1/2	70,104	1/2	81,567	1/2	93,034	1/2	104,501
3/4	1,602	3/4	13,045	3/4	24,514	3/4	35,956	3/4	47,412	3/4	58,877	3/4	70,342	3/4	81,806	3/4	93,272	3/4	104,739
3	1,816	3	13,284	3	24,753	3	36,194	3	47,651	3	59,116	3	70,581	3	82,045	3	93,511	3	104,978
1/4	2,055	1/4	13,523	1/4	24,992	1/4	36,432	1/4	47,890	1/4	59,355	1/4	70,820	1/4	82,284	1/4	93,750	1/4	105,217
1/2	2,294	1/2	13,762	1/2	25,231	1/2	36,670	1/2	48,129	1/2	59,594	1/2	71,059	1/2	82,523	1/2	93,989	1/2	105,456
3/4	2,532	3/4	14,001	3/4	25,470	3/4	36,908	3/4	48,368	3/4	59,832	3/4	71,297	3/4	82,761	3/4	94,228	3/4	105,695
4	2,771	4	14,240	4	25,709	4	37,146	4	48,607	4	60,071	4	71,536	4	83,000	4	94,467	4	105,934
1/4	3,010	1/4	14,479	1/4	25,948	1/4	37,384	1/4	48,846	1/4	60,310	1/4	71,775	1/4	83,239	1/4	94,706	1/4	106,173
1/2	3,249	1/2	14,718	1/2	26,187	1/2	37,623	1/2	49,085	1/2	60,549	1/2	72,014	1/2	83,478	1/2	94,945	1/2	106,412
3/4	3,488	3/4	14,957	3/4	26,426	3/4	37,861	3/4	49,323	3/4	60,788	3/4	72,253	3/4	83,716	3/4	95,183	3/4	106,651
5	3,727	5	15,196	5	26,665	5	38,099	5	49,562	5	61,027	5	72,492	5	83,955	5	95,422	5	106,890
1/4	3,966	1/4	15,435	1/4	26,904	1/4	38,338	1/4	49,801	1/4	61,266	1/4	72,731	1/4	84,194	1/4	95,661	1/4	107,129
1/2	4,205	1/2	15,674	1/2	27,143	1/2	38,576	1/2	50,040	1/2	61,505	1/2	72,970	1/2	84,433	1/2	95,900	1/2	107,368
3/4	4,444	3/4	15,913	3/4	27,381	3/4	38,815	3/4	50,278	3/4	61,743	3/4	73,208	3/4	84,672	3/4	96,139	3/4	107,606
6	4,683	6	16,152	6	27,620	6	39,053	6	50,517	6	61,982	6	73,447	6	84,911	6	96,378	6	107,845
1/4	4,922	1/4	16,391	1/4	27,859	1/4	39,292	1/4	50,756	1/4	62,221	1/4	73,686	1/4	85,150	1/4	96,617	1/4	108,084
1/2	5,161	1/2	16,630	1/2	28,098	1/2	39,531	1/2	50,995	1/2	62,460	1/2	73,925	1/2	85,389	1/2	96,856	1/2	108,323
3/4	5,399	3/4	16,868	3/4	28,337	3/4	39,769	3/4	51,234	3/4	62,699	3/4	74,164	3/4	85,627	3/4	97,095	3/4	108,562
7	5,638	7	17,107	7	28,576	7	40,008	7	51,473	7	62,938	7	74,403	7	85,866	7	97,334	7	108,801
1/4	5,877	1/4	17,346	1/4	28,815	1/4	40,247	1/4	51,712	1/4	63,177	1/4	74,642	1/4	86,105	1/4	97,573	1/4	109,040
1/2	6,116	1/2	17,585	1/2	29,054	1/2	40,486	1/2	51,951	1/2	63,416	1/2	74,881	1/2	86,344	1/2	97,812	1/2	109,279
3/4	6,355	3/4	17,824	3/4	29,292	3/4	40,724	3/4	52,189	3/4	63,654	3/4	75,119	3/4	86,583	3/4	98,050	3/4	109,517
8	6,594	8	18,063	8	29,531	8	40,963	8	52,428	8	63,893	8	75,358	8	86,822	8	98,289	8	109,756
1/4	6,833	1/4	18,302	1/4	29,769	1/4	41,202	1/4	52,667	1/4	64,132	1/4	75,597	1/4	87,061	1/4	98,528	1/4	109,995
1/2	7,072	1/2	18,541	1/2	30,007	1/2	41,441	1/2	52,906	1/2	64,371	1/2	75,836	1/2	87,300	1/2	98,767	1/2	110,234
3/4	7,311	3/4	18,780	3/4	30,245	3/4	41,680	3/4	53,145	3/4	64,610	3/4	76,074	3/4	87,539	3/4	99,006	3/4	110,473
9	7,550	9	19,019	9	30,483	9	41,919	9	53,384	9	64,849	9	76,313	9	87,778	9	99,245	9	110,712
1/4	7,789	1/4	19,258	1/4	30,721	1/4	42,158	1/4	53,623	1/4	65,088	1/4	76,552	1/4	88,017	1/4	99,484	1/4	110,951
1/2	8,028	1/2	19,497	1/2	30,959	1/2	42,397	1/2	53,862	1/2	65,327	1/2	76,791	1/2	88,256	1/2	99,723	1/2	111,190
3/4	8,267	3/4	19,736	3/4	31,197	3/4	42,635	3/4	54,100	3/4	65,565	3/4	77,029	3/4	88,494	3/4	99,961	3/4	111,429
10	8,506	10	19,975	10	31,435	10	42,874	10	54,339	10	65,804	10	77,268	10	88,733	10	100,200	10	111,668
1/4	8,745	1/4	20,214	1/4	31,673	1/4	43,113	1/4	54,578	1/4	66,043	1/4	77,507	1/4	88,972	1/4	100,439	1/4	111,907
1/2	8,984	1/2	20,453	1/2	31,911	1/2	43,352	1/2	54,817	1/2	66,282	1/2	77,746	1/2	89,211	1/2	100,678	1/2	112,146
3/4	9,222	3/4	20,691	3/4	32,149	3/4	43,591	3/4	55,055	3/4	66,520	3/4	77,985	3/4	89,450	3/4	100,917	3/4	112,384
11	9,461	11	20,930	11	32,387	11	43,830	11	55,294	11	66,759	11	78,224	11	89,689	11	101,156	11	112,623
1/4	9,700	1/4	21,169	1/4	32,625	1/4	44,069	1/4	55,533	1/4	66,998	1/4	78,463	1/4	89,928	1/4	101,395	1/4	112,862
1/2	9,939	1/2	21,408	1/2	32,863	1/2	44,308	1/2	55,772	1/2	67,237	1/2	78,702	1/2	90,167	1/2	101,634	1/2	113,101
3/4	10,178	3/4	21,647	3/4	33,100	3/4	44,546	3/4	56,011	3/4	67,476	3/4	78,940	3/4	90,405	3/4	101,873	3/4	113,340

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 0'-09" OFF CENTERLINE AND 27'-05" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 132"

1 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	113,579	0	124,332	0	134,637	0	144,943	0	155,249	0		0		0		0		0	
1/4	113,818	1/4	124,547	1/4	134,852	1/4	145,158	1/4	155,464	1/4		1/4		1/4		1/4		1/4	
1/2	114,057	1/2	124,762	1/2	135,067	1/2	145,373	1/2	155,679	1/2		1/2		1/2		1/2		1/2	
3/4	114,296	3/4	124,976	3/4	135,281	3/4	145,587	3/4	155,893	3/4		3/4		3/4		3/4		3/4	
1	114,535	1	125,191	1	135,496	1	145,802	1	156,108	1		1		1		1		1	
1/4	114,774	1/4	125,406	1/4	135,711	1/4	146,017	1/4	156,323	1/4		1/4		1/4		1/4		1/4	
1/2	115,013	1/2	125,621	1/2	135,926	1/2	146,232	1/2	156,538	1/2		1/2		1/2		1/2		1/2	
3/4	115,251	3/4	125,835	3/4	136,140	3/4	146,446	3/4	156,752	3/4		3/4		3/4		3/4		3/4	
2	115,490	2	126,050	2	136,355	2	146,661	2	156,967	2		2		2		2		2	
1/4	115,729	1/4	126,265	1/4	136,570	1/4	146,876	1/4	157,174	1/4		1/4		1/4		1/4		1/4	
1/2	115,968	1/2	126,479	1/2	136,785	1/2	147,091	1/2	157,380	1/2		1/2		1/2		1/2		1/2	
3/4	116,207	3/4	126,694	3/4	136,999	3/4	147,305	3/4	157,587	3/4		3/4		3/4		3/4		3/4	
3	116,446	3	126,908	3	137,214	3	147,520	3	157,793	3		3		3		3		3	
1/4	116,685	1/4	127,123	1/4	137,429	1/4	147,735	1/4	157,970	1/4		1/4		1/4		1/4		1/4	
1/2	116,924	1/2	127,338	1/2	137,644	1/2	147,949	1/2	158,148	1/2		1/2		1/2		1/2		1/2	
3/4	117,162	3/4	127,552	3/4	137,858	3/4	148,164	3/4	158,325	3/4		3/4		3/4		3/4		3/4	
4	117,401	4	127,767	4	138,073	4	148,378	4	158,502	4		4		4		4		4	
1/4	117,631	1/4	127,982	1/4	138,288	1/4	148,593	1/4	158,636	1/4		1/4		1/4		1/4		1/4	
1/2	117,861	1/2	128,197	1/2	138,503	1/2	148,808	1/2	158,770	1/2		1/2		1/2		1/2		1/2	
3/4	118,091	3/4	128,411	3/4	138,717	3/4	149,022	3/4	158,904	3/4		3/4		3/4		3/4		3/4	
5	118,321	5	128,626	5	138,932	5	149,237	5	159,038	5		5		5		5		5	
1/4	118,536	1/4	128,841	1/4	139,147	1/4	149,452	1/4	159,129	1/4		1/4		1/4		1/4		1/4	
1/2	118,750	1/2	129,056	1/2	139,361	1/2	149,667	1/2	159,221	1/2		1/2		1/2		1/2		1/2	
3/4	118,965	3/4	129,270	3/4	139,576	3/4	149,881	3/4	159,312	3/4		3/4		3/4		3/4		3/4	
6	119,179	6	129,485	6	139,790	6	150,096	6	159,403	6		6		6		6		6	
1/4	119,394	1/4	129,700	1/4	140,005	1/4	150,311	1/4	159,452	1/4		1/4		1/4		1/4		1/4	
1/2	119,609	1/2	129,915	1/2	140,220	1/2	150,526	1/2	159,500	1/2		1/2		1/2		1/2		1/2	
3/4	119,823	3/4	130,129	3/4	140,434	3/4	150,740	3/4	159,549	3/4		3/4		3/4		3/4		3/4	
7	120,038	7	130,344	7	140,649	7	150,955	7	159,597	7		7		7		7		7	
1/4	120,253	1/4	130,559	1/4	140,864	1/4	151,170	1/4	159,618	1/4		1/4		1/4		1/4		1/4	
1/2	120,468	1/2	130,773	1/2	141,079	1/2	151,385	1/2	159,639	1/2		1/2		1/2		1/2		1/2	
3/4	120,682	3/4	130,988	3/4	141,293	3/4	151,599	3/4	159,650	3/4		3/4		3/4		3/4		3/4	
8	120,897	8	131,202	8	141,508	8	151,814	8		8		8		8		8		8	
1/4	121,112	1/4	131,417	1/4	141,723	1/4	152,029	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,327	1/2	131,632	1/2	141,938	1/2	152,243	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,541	3/4	131,846	3/4	142,152	3/4	152,458	3/4		3/4		3/4		3/4		3/4		3/4	
9	121,756	9	132,061	9	142,367	9	152,672	9		9		9		9		9		9	
1/4	121,971	1/4	132,276	1/4	142,582	1/4	152,887	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,186	1/2	132,491	1/2	142,797	1/2	153,102	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,400	3/4	132,705	3/4	143,011	3/4	153,316	3/4		3/4		3/4		3/4		3/4		3/4	
10	122,615	10	132,920	10	143,226	10	153,531	10		10		10		10		10		10	
1/4	122,830	1/4	133,135	1/4	143,441	1/4	153,746	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,044	1/2	133,350	1/2	143,655	1/2	153,961	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,259	3/4	133,564	3/4	143,870	3/4	154,175	3/4		3/4		3/4		3/4		3/4		3/4	
11	123,473	11	133,779	11	144,084	11	154,390	11		11		11		11		11		11	
1/4	123,688	1/4	133,994	1/4	144,299	1/4	154,605	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,903	1/2	134,208	1/2	144,514	1/2	154,820	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,117	3/4	134,423	3/4	144,728	3/4	155,034	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 04/23/2003 KF-KS
COMPUTED: 04/29/2003 DAR
PRINTED: 04/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 132"

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	78	0	9,507	0	19,970	0	30,421	0	40,872	0	51,336	0	61,800	0	72,264	0	82,728	0	93,192
1/4	142	1/4	9,725	1/4	20,188	1/4	30,639	1/4	41,090	1/4	51,554	1/4	62,018	1/4	72,482	1/4	82,946	1/4	93,410
1/2	205	1/2	9,943	1/2	20,406	1/2	30,856	1/2	41,308	1/2	51,772	1/2	62,236	1/2	72,700	1/2	83,164	1/2	93,628
3/4	269	3/4	10,161	3/4	20,623	3/4	31,074	3/4	41,526	3/4	51,990	3/4	62,454	3/4	72,918	3/4	83,382	3/4	93,846
1	332	1	10,379	1	20,841	1	31,291	1	41,744	1	52,208	1	62,672	1	73,136	1	83,600	1	94,064
1/4	468	1/4	10,597	1/4	21,059	1/4	31,509	1/4	41,962	1/4	52,426	1/4	62,890	1/4	73,354	1/4	83,818	1/4	94,282
1/2	605	1/2	10,815	1/2	21,277	1/2	31,726	1/2	42,180	1/2	52,644	1/2	63,108	1/2	73,572	1/2	84,036	1/2	94,500
3/4	741	3/4	11,033	3/4	21,495	3/4	31,944	3/4	42,398	3/4	52,862	3/4	63,326	3/4	73,790	3/4	84,254	3/4	94,718
2	877	2	11,251	2	21,713	2	32,161	2	42,616	2	53,080	2	63,544	2	74,008	2	84,472	2	94,936
1/4	1,073	1/4	11,469	1/4	21,931	1/4	32,378	1/4	42,834	1/4	53,298	1/4	63,762	1/4	74,226	1/4	84,690	1/4	95,154
1/2	1,268	1/2	11,687	1/2	22,149	1/2	32,596	1/2	43,052	1/2	53,516	1/2	63,980	1/2	74,444	1/2	84,908	1/2	95,372
3/4	1,464	3/4	11,905	3/4	22,366	3/4	32,813	3/4	43,270	3/4	53,734	3/4	64,198	3/4	74,662	3/4	85,126	3/4	95,590
3	1,659	3	12,123	3	22,584	3	33,030	3	43,488	3	53,952	3	64,416	3	74,880	3	85,344	3	95,808
1/4	1,877	1/4	12,341	1/4	22,802	1/4	33,248	1/4	43,706	1/4	54,170	1/4	64,634	1/4	75,098	1/4	85,562	1/4	96,026
1/2	2,095	1/2	12,559	1/2	23,020	1/2	33,465	1/2	43,924	1/2	54,388	1/2	64,852	1/2	75,316	1/2	85,780	1/2	96,244
3/4	2,313	3/4	12,777	3/4	23,238	3/4	33,683	3/4	44,142	3/4	54,606	3/4	65,070	3/4	75,534	3/4	85,998	3/4	96,462
4	2,531	4	12,995	4	23,456	4	33,900	4	44,360	4	54,824	4	65,288	4	75,752	4	86,216	4	96,680
1/4	2,749	1/4	13,213	1/4	23,674	1/4	34,118	1/4	44,578	1/4	55,042	1/4	65,506	1/4	75,970	1/4	86,434	1/4	96,898
1/2	2,967	1/2	13,431	1/2	23,892	1/2	34,335	1/2	44,796	1/2	55,260	1/2	65,724	1/2	76,188	1/2	86,652	1/2	97,116
3/4	3,185	3/4	13,649	3/4	24,110	3/4	34,553	3/4	45,014	3/4	55,478	3/4	65,942	3/4	76,406	3/4	86,870	3/4	97,334
5	3,403	5	13,867	5	24,328	5	34,770	5	45,232	5	55,696	5	66,160	5	76,624	5	87,088	5	97,552
1/4	3,621	1/4	14,085	1/4	24,546	1/4	34,988	1/4	45,450	1/4	55,914	1/4	66,378	1/4	76,842	1/4	87,306	1/4	97,770
1/2	3,839	1/2	14,303	1/2	24,764	1/2	35,205	1/2	45,668	1/2	56,132	1/2	66,596	1/2	77,060	1/2	87,524	1/2	97,988
3/4	4,057	3/4	14,521	3/4	24,981	3/4	35,423	3/4	45,886	3/4	56,350	3/4	66,814	3/4	77,278	3/4	87,742	3/4	98,206
6	4,275	6	14,739	6	25,199	6	35,640	6	46,104	6	56,568	6	67,032	6	77,496	6	87,960	6	98,424
1/4	4,493	1/4	14,957	1/4	25,417	1/4	35,858	1/4	46,322	1/4	56,786	1/4	67,250	1/4	77,714	1/4	88,178	1/4	98,642
1/2	4,711	1/2	15,175	1/2	25,635	1/2	36,076	1/2	46,540	1/2	57,004	1/2	67,468	1/2	77,932	1/2	88,396	1/2	98,860
3/4	4,929	3/4	15,393	3/4	25,853	3/4	36,294	3/4	46,758	3/4	57,222	3/4	67,686	3/4	78,150	3/4	88,614	3/4	99,078
7	5,147	7	15,611	7	26,071	7	36,512	7	46,976	7	57,440	7	67,904	7	78,368	7	88,832	7	99,296
1/4	5,365	1/4	15,829	1/4	26,289	1/4	36,730	1/4	47,194	1/4	57,658	1/4	68,122	1/4	78,586	1/4	89,050	1/4	99,514
1/2	5,583	1/2	16,047	1/2	26,507	1/2	36,948	1/2	47,412	1/2	57,876	1/2	68,340	1/2	78,804	1/2	89,268	1/2	99,732
3/4	5,801	3/4	16,265	3/4	26,725	3/4	37,166	3/4	47,630	3/4	58,094	3/4	68,558	3/4	79,022	3/4	89,486	3/4	99,950
8	6,019	8	16,483	8	26,943	8	37,384	8	47,848	8	58,312	8	68,776	8	79,240	8	89,704	8	100,168
1/4	6,237	1/4	16,701	1/4	27,160	1/4	37,602	1/4	48,066	1/4	58,530	1/4	68,994	1/4	79,458	1/4	89,922	1/4	100,386
1/2	6,455	1/2	16,919	1/2	27,378	1/2	37,820	1/2	48,284	1/2	58,748	1/2	69,212	1/2	79,676	1/2	90,140	1/2	100,604
3/4	6,673	3/4	17,137	3/4	27,595	3/4	38,038	3/4	48,502	3/4	58,966	3/4	69,430	3/4	79,894	3/4	90,358	3/4	100,822
9	6,891	9	17,355	9	27,812	9	38,256	9	48,720	9	59,184	9	69,648	9	80,112	9	90,576	9	101,040
1/4	7,109	1/4	17,573	1/4	28,030	1/4	38,474	1/4	48,938	1/4	59,402	1/4	69,866	1/4	80,330	1/4	90,794	1/4	101,258
1/2	7,327	1/2	17,791	1/2	28,247	1/2	38,692	1/2	49,156	1/2	59,620	1/2	70,084	1/2	80,548	1/2	91,012	1/2	101,476
3/4	7,545	3/4	18,008	3/4	28,465	3/4	38,910	3/4	49,374	3/4	59,838	3/4	70,302	3/4	80,766	3/4	91,230	3/4	101,694
10	7,763	10	18,226	10	28,682	10	39,128	10	49,592	10	60,056	10	70,520	10	80,984	10	91,448	10	101,912
1/4	7,981	1/4	18,444	1/4	28,900	1/4	39,346	1/4	49,810	1/4	60,274	1/4	70,738	1/4	81,202	1/4	91,666	1/4	102,130
1/2	8,199	1/2	18,662	1/2	29,117	1/2	39,564	1/2	50,028	1/2	60,492	1/2	70,956	1/2	81,420	1/2	91,884	1/2	102,348
3/4	8,417	3/4	18,880	3/4	29,335	3/4	39,782	3/4	50,246	3/4	60,710	3/4	71,174	3/4	81,638	3/4	92,102	3/4	102,566
11	8,635	11	19,098	11	29,552	11	40,000	11	50,464	11	60,928	11	71,392	11	81,856	11	92,320	11	102,784
1/4	8,853	1/4	19,316	1/4	29,769	1/4	40,218	1/4	50,682	1/4	61,146	1/4	71,610	1/4	82,074	1/4	92,538	1/4	103,002
1/2	9,071	1/2	19,534	1/2	29,987	1/2	40,436	1/2	50,900	1/2	61,364	1/2	71,828	1/2	82,292	1/2	92,756	1/2	103,220
3/4	9,289	3/4	19,752	3/4	30,204	3/4	40,654	3/4	51,118	3/4	61,582	3/4	72,046	3/4	82,510	3/4	92,974	3/4	103,438

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 0'-09" OFF CENTERLINE AND 27'-05" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 132"

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	103,656	0	114,120	0	124,584	0	135,048	0	145,512	0		0		0		0		0	
1/4	103,874	1/4	114,338	1/4	124,802	1/4	135,266	1/4	145,730	1/4		1/4		1/4		1/4		1/4	
1/2	104,092	1/2	114,556	1/2	125,020	1/2	135,484	1/2	145,948	1/2		1/2		1/2		1/2		1/2	
3/4	104,310	3/4	114,774	3/4	125,238	3/4	135,702	3/4	146,166	3/4		3/4		3/4		3/4		3/4	
1	104,528	1	114,992	1	125,456	1	135,920	1	146,384	1		1		1		1		1	
1/4	104,746	1/4	115,210	1/4	125,674	1/4	136,138	1/4	146,602	1/4		1/4		1/4		1/4		1/4	
1/2	104,964	1/2	115,428	1/2	125,892	1/2	136,356	1/2	146,820	1/2		1/2		1/2		1/2		1/2	
3/4	105,182	3/4	115,646	3/4	126,110	3/4	136,574	3/4	147,038	3/4		3/4		3/4		3/4		3/4	
2	105,400	2	115,864	2	126,328	2	136,792	2	147,256	2		2		2		2		2	
1/4	105,618	1/4	116,082	1/4	126,546	1/4	137,010	1/4	147,466	1/4		1/4		1/4		1/4		1/4	
1/2	105,836	1/2	116,300	1/2	126,764	1/2	137,228	1/2	147,676	1/2		1/2		1/2		1/2		1/2	
3/4	106,054	3/4	116,518	3/4	126,982	3/4	137,446	3/4	147,886	3/4		3/4		3/4		3/4		3/4	
3	106,272	3	116,736	3	127,200	3	137,664	3	148,096	3		3		3		3		3	
1/4	106,490	1/4	116,954	1/4	127,418	1/4	137,882	1/4	148,276	1/4		1/4		1/4		1/4		1/4	
1/2	106,708	1/2	117,172	1/2	127,636	1/2	138,100	1/2	148,456	1/2		1/2		1/2		1/2		1/2	
3/4	106,926	3/4	117,390	3/4	127,854	3/4	138,318	3/4	148,635	3/4		3/4		3/4		3/4		3/4	
4	107,144	4	117,608	4	128,072	4	138,536	4	148,815	4		4		4		4		4	
1/4	107,362	1/4	117,826	1/4	128,290	1/4	138,754	1/4	148,951	1/4		1/4		1/4		1/4		1/4	
1/2	107,580	1/2	118,044	1/2	128,508	1/2	138,972	1/2	149,088	1/2		1/2		1/2		1/2		1/2	
3/4	107,798	3/4	118,262	3/4	128,726	3/4	139,190	3/4	149,224	3/4		3/4		3/4		3/4		3/4	
5	108,016	5	118,480	5	128,944	5	139,408	5	149,360	5		5		5		5		5	
1/4	108,234	1/4	118,698	1/4	129,162	1/4	139,626	1/4	149,453	1/4		1/4		1/4		1/4		1/4	
1/2	108,452	1/2	118,916	1/2	129,380	1/2	139,844	1/2	149,546	1/2		1/2		1/2		1/2		1/2	
3/4	108,670	3/4	119,134	3/4	129,598	3/4	140,062	3/4	149,638	3/4		3/4		3/4		3/4		3/4	
6	108,888	6	119,352	6	129,816	6	140,280	6	149,731	6		6		6		6		6	
1/4	109,106	1/4	119,570	1/4	130,034	1/4	140,498	1/4	149,780	1/4		1/4		1/4		1/4		1/4	
1/2	109,324	1/2	119,788	1/2	130,252	1/2	140,716	1/2	149,829	1/2		1/2		1/2		1/2		1/2	
3/4	109,542	3/4	120,006	3/4	130,470	3/4	140,934	3/4	149,878	3/4		3/4		3/4		3/4		3/4	
7	109,760	7	120,224	7	130,688	7	141,152	7	149,927	7		7		7		7		7	
1/4	109,978	1/4	120,442	1/4	130,906	1/4	141,370	1/4	149,949	1/4		1/4		1/4		1/4		1/4	
1/2	110,196	1/2	120,660	1/2	131,124	1/2	141,588	1/2	149,970	1/2		1/2		1/2		1/2		1/2	
3/4	110,414	3/4	120,878	3/4	131,342	3/4	141,806	3/4	149,981	3/4		3/4		3/4		3/4		3/4	
8	110,632	8	121,096	8	131,560	8	142,024	8		8		8		8		8		8	
1/4	110,850	1/4	121,314	1/4	131,778	1/4	142,242	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,068	1/2	121,532	1/2	131,996	1/2	142,460	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,286	3/4	121,750	3/4	132,214	3/4	142,678	3/4		3/4		3/4		3/4		3/4		3/4	
9	111,504	9	121,968	9	132,432	9	142,896	9		9		9		9		9		9	
1/4	111,722	1/4	122,186	1/4	132,650	1/4	143,114	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,940	1/2	122,404	1/2	132,868	1/2	143,332	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,158	3/4	122,622	3/4	133,086	3/4	143,550	3/4		3/4		3/4		3/4		3/4		3/4	
10	112,376	10	122,840	10	133,304	10	143,768	10		10		10		10		10		10	
1/4	112,594	1/4	123,058	1/4	133,522	1/4	143,986	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,812	1/2	123,276	1/2	133,740	1/2	144,204	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,030	3/4	123,494	3/4	133,958	3/4	144,422	3/4		3/4		3/4		3/4		3/4		3/4	
11	113,248	11	123,712	11	134,176	11	144,640	11		11		11		11		11		11	
1/4	113,466	1/4	123,930	1/4	134,394	1/4	144,858	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,684	1/2	124,148	1/2	134,612	1/2	145,076	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,902	3/4	124,366	3/4	134,830	3/4	145,294	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 04/23/2003 KF-KS
COMPUTED: 04/29/2003 DAR
PRINTED: 04/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 132"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10"

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	78	0	9,460	0	19,871	0	30,280	0	40,692	0	51,104	0	61,516	0	71,928	0	82,341	0	92,753
1/4	141	1/4	9,677	1/4	20,088	1/4	30,497	1/4	40,909	1/4	51,321	1/4	61,733	1/4	72,145	1/4	82,558	1/4	92,970
1/2	205	1/2	9,894	1/2	20,305	1/2	30,714	1/2	41,126	1/2	51,538	1/2	61,950	1/2	72,362	1/2	82,775	1/2	93,187
3/4	268	3/4	10,110	3/4	20,521	3/4	30,931	3/4	41,342	3/4	51,754	3/4	62,167	3/4	72,579	3/4	82,991	3/4	93,403
1	331	1	10,327	1	20,738	1	31,148	1	41,559	1	51,971	1	62,384	1	72,796	1	83,208	1	93,620
1/4	467	1/4	10,544	1/4	20,955	1/4	31,365	1/4	41,776	1/4	52,188	1/4	62,601	1/4	73,013	1/4	83,425	1/4	93,837
1/2	602	1/2	10,761	1/2	21,172	1/2	31,582	1/2	41,993	1/2	52,405	1/2	62,818	1/2	73,230	1/2	83,642	1/2	94,054
3/4	738	3/4	10,978	3/4	21,389	3/4	31,798	3/4	42,210	3/4	52,622	3/4	63,034	3/4	73,447	3/4	83,859	3/4	94,271
2	873	2	11,195	2	21,606	2	32,015	2	42,427	2	52,839	2	63,251	2	73,664	2	84,076	2	94,488
1/4	1,067	1/4	11,412	1/4	21,823	1/4	32,232	1/4	42,644	1/4	53,056	1/4	63,468	1/4	73,881	1/4	84,293	1/4	94,705
1/2	1,262	1/2	11,629	1/2	22,040	1/2	32,449	1/2	42,861	1/2	53,273	1/2	63,685	1/2	74,098	1/2	84,510	1/2	94,922
3/4	1,456	3/4	11,846	3/4	22,256	3/4	32,666	3/4	43,078	3/4	53,490	3/4	63,902	3/4	74,314	3/4	84,727	3/4	95,139
3	1,650	3	12,063	3	22,473	3	32,883	3	43,295	3	53,707	3	64,119	3	74,531	3	84,944	3	95,356
1/4	1,867	1/4	12,280	1/4	22,690	1/4	33,100	1/4	43,512	1/4	53,924	1/4	64,336	1/4	74,748	1/4	85,161	1/4	95,573
1/2	2,084	1/2	12,497	1/2	22,907	1/2	33,317	1/2	43,729	1/2	54,141	1/2	64,553	1/2	74,965	1/2	85,378	1/2	95,790
3/4	2,301	3/4	12,713	3/4	23,123	3/4	33,533	3/4	43,945	3/4	54,358	3/4	64,770	3/4	75,182	3/4	85,594	3/4	96,006
4	2,518	4	12,930	4	23,340	4	33,750	4	44,162	4	54,575	4	64,987	4	75,399	4	85,811	4	96,223
1/4	2,735	1/4	13,147	1/4	23,557	1/4	33,967	1/4	44,379	1/4	54,792	1/4	65,204	1/4	75,616	1/4	86,028	1/4	96,440
1/2	2,952	1/2	13,364	1/2	23,774	1/2	34,184	1/2	44,596	1/2	55,009	1/2	65,421	1/2	75,833	1/2	86,245	1/2	96,657
3/4	3,169	3/4	13,581	3/4	23,990	3/4	34,401	3/4	44,813	3/4	55,225	3/4	65,637	3/4	76,050	3/4	86,462	3/4	96,874
5	3,386	5	13,798	5	24,207	5	34,618	5	45,030	5	55,442	5	65,854	5	76,267	5	86,679	5	97,091
1/4	3,603	1/4	14,015	1/4	24,424	1/4	34,835	1/4	45,247	1/4	55,659	1/4	66,071	1/4	76,484	1/4	86,896	1/4	97,308
1/2	3,820	1/2	14,232	1/2	24,641	1/2	35,052	1/2	45,464	1/2	55,876	1/2	66,288	1/2	76,701	1/2	87,113	1/2	97,525
3/4	4,037	3/4	14,449	3/4	24,858	3/4	35,268	3/4	45,681	3/4	56,093	3/4	66,505	3/4	76,917	3/4	87,330	3/4	97,742
6	4,254	6	14,666	6	25,075	6	35,485	6	45,898	6	56,310	6	66,722	6	77,134	6	87,547	6	97,959
1/4	4,471	1/4	14,883	1/4	25,292	1/4	35,702	1/4	46,115	1/4	56,527	1/4	66,939	1/4	77,351	1/4	87,764	1/4	98,176
1/2	4,688	1/2	15,100	1/2	25,509	1/2	35,919	1/2	46,332	1/2	56,744	1/2	67,156	1/2	77,568	1/2	87,981	1/2	98,393
3/4	4,904	3/4	15,316	3/4	25,726	3/4	36,136	3/4	46,548	3/4	56,961	3/4	67,373	3/4	77,785	3/4	88,197	3/4	98,610
7	5,121	7	15,533	7	25,943	7	36,353	7	46,765	7	57,178	7	67,590	7	78,002	7	88,414	7	98,827
1/4	5,338	1/4	15,750	1/4	26,160	1/4	36,570	1/4	46,982	1/4	57,395	1/4	67,807	1/4	78,219	1/4	88,631	1/4	99,044
1/2	5,555	1/2	15,967	1/2	26,377	1/2	36,787	1/2	47,199	1/2	57,612	1/2	68,024	1/2	78,436	1/2	88,848	1/2	99,261
3/4	5,772	3/4	16,184	3/4	26,593	3/4	37,004	3/4	47,416	3/4	57,828	3/4	68,241	3/4	78,653	3/4	89,065	3/4	99,477
8	5,989	8	16,401	8	26,810	8	37,221	8	47,633	8	58,045	8	68,458	8	78,870	8	89,282	8	99,694
1/4	6,206	1/4	16,618	1/4	27,027	1/4	37,438	1/4	47,850	1/4	58,262	1/4	68,675	1/4	79,087	1/4	89,499	1/4	99,911
1/2	6,423	1/2	16,835	1/2	27,244	1/2	37,655	1/2	48,067	1/2	58,479	1/2	68,892	1/2	79,304	1/2	89,716	1/2	100,128
3/4	6,640	3/4	17,052	3/4	27,461	3/4	37,872	3/4	48,284	3/4	58,696	3/4	69,108	3/4	79,520	3/4	89,933	3/4	100,345
9	6,857	9	17,269	9	27,678	9	38,089	9	48,501	9	58,913	9	69,325	9	79,737	9	90,150	9	100,562
1/4	7,074	1/4	17,486	1/4	27,895	1/4	38,306	1/4	48,718	1/4	59,130	1/4	69,542	1/4	79,954	1/4	90,367	1/4	100,779
1/2	7,291	1/2	17,703	1/2	28,112	1/2	38,523	1/2	48,935	1/2	59,347	1/2	69,759	1/2	80,171	1/2	90,584	1/2	100,996
3/4	7,507	3/4	17,919	3/4	28,328	3/4	38,739	3/4	49,151	3/4	59,564	3/4	69,976	3/4	80,388	3/4	90,800	3/4	101,213
10	7,724	10	18,136	10	28,545	10	38,956	10	49,368	10	59,781	10	70,193	10	80,605	10	91,017	10	101,430
1/4	7,941	1/4	18,353	1/4	28,762	1/4	39,173	1/4	49,585	1/4	59,998	1/4	56,910	1/4	80,822	1/4	91,234	1/4	101,647
1/2	8,158	1/2	18,570	1/2	28,979	1/2	39,390	1/2	49,802	1/2	60,215	1/2	43,627	1/2	81,039	1/2	91,451	1/2	101,864
3/4	8,375	3/4	18,787	3/4	29,196	3/4	39,607	3/4	50,019	3/4	60,431	3/4	30,344	3/4	81,256	3/4	91,668	3/4	102,080
11	8,592	11	19,004	11	29,413	11	39,824	11	50,236	11	60,648	11	17,061	11	81,473	11	91,885	11	102,297
1/4	8,809	1/4	19,221	1/4	29,630	1/4	40,041	1/4	50,453	1/4	60,865	1/4	30,778	1/4	81,690	1/4	92,102	1/4	102,514
1/2	9,026	1/2	19,438	1/2	29,847	1/2	40,258	1/2	50,670	1/2	61,082	1/2	44,495	1/2	81,907	1/2	92,319	1/2	102,731
3/4	9,243	3/4	19,654	3/4	30,063	3/4	40,475	3/4	50,887	3/4	61,299	3/4	58,211	3/4	82,124	3/4	92,536	3/4	102,948

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 0'-09" OFF CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 132"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10"

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	103,165	0	113,577	0	123,989	0	134,402	0	144,814	0		0		0		0		0	
1/4	103,382	1/4	113,794	1/4	124,206	1/4	134,619	1/4	145,031	1/4		1/4		1/4		1/4		1/4	
1/2	103,599	1/2	114,011	1/2	124,423	1/2	134,836	1/2	145,248	1/2		1/2		1/2		1/2		1/2	
3/4	103,816	3/4	114,228	3/4	124,640	3/4	135,052	3/4	145,465	3/4		3/4		3/4		3/4		3/4	
1	104,033	1	114,445	1	124,857	1	135,269	1	145,682	1		1		1		1		1	
1/4	104,250	1/4	114,662	1/4	125,074	1/4	135,486	1/4	145,899	1/4		1/4		1/4		1/4		1/4	
1/2	104,467	1/2	114,879	1/2	125,291	1/2	135,703	1/2	146,116	1/2		1/2		1/2		1/2		1/2	
3/4	104,683	3/4	115,096	3/4	125,508	3/4	135,920	3/4	146,332	3/4		3/4		3/4		3/4		3/4	
2	104,900	2	115,313	2	125,725	2	136,137	2	146,549	2		2		2		2		2	
1/4	105,117	1/4	115,530	1/4	125,942	1/4	136,354	1/4	146,758	1/4		1/4		1/4		1/4		1/4	
1/2	105,334	1/2	115,747	1/2	126,159	1/2	136,571	1/2	146,967	1/2		1/2		1/2		1/2		1/2	
3/4	105,551	3/4	115,963	3/4	126,376	3/4	136,788	3/4	147,175	3/4		3/4		3/4		3/4		3/4	
3	105,768	3	116,180	3	126,593	3	137,005	3	147,384	3		3		3		3		3	
1/4	105,985	1/4	116,397	1/4	126,810	1/4	137,222	1/4	147,563	1/4		1/4		1/4		1/4		1/4	
1/2	106,202	1/2	116,614	1/2	127,027	1/2	137,439	1/2	147,742	1/2		1/2		1/2		1/2		1/2	
3/4	106,419	3/4	116,831	3/4	127,243	3/4	137,655	3/4	147,921	3/4		3/4		3/4		3/4		3/4	
4	106,636	4	117,048	4	127,460	4	137,872	4	148,100	4		4		4		4		4	
1/4	106,853	1/4	117,265	1/4	127,677	1/4	138,089	1/4	148,236	1/4		1/4		1/4		1/4		1/4	
1/2	107,070	1/2	117,482	1/2	127,894	1/2	138,306	1/2	148,372	1/2		1/2		1/2		1/2		1/2	
3/4	107,286	3/4	117,699	3/4	128,111	3/4	138,523	3/4	148,507	3/4		3/4		3/4		3/4		3/4	
5	107,503	5	117,916	5	128,328	5	138,740	5	148,643	5		5		5		5		5	
1/4	107,720	1/4	118,133	1/4	128,545	1/4	138,957	1/4	148,735	1/4		1/4		1/4		1/4		1/4	
1/2	107,937	1/2	118,350	1/2	128,762	1/2	139,174	1/2	148,827	1/2		1/2		1/2		1/2		1/2	
3/4	108,154	3/4	118,566	3/4	128,979	3/4	139,391	3/4	148,919	3/4		3/4		3/4		3/4		3/4	
6	108,371	6	118,783	6	129,196	6	139,608	6	149,011	6		6		6		6		6	
1/4	108,588	1/4	119,000	1/4	129,413	1/4	139,825	1/4	149,060	1/4		1/4		1/4		1/4		1/4	
1/2	108,805	1/2	119,217	1/2	129,630	1/2	140,042	1/2	149,109	1/2		1/2		1/2		1/2		1/2	
3/4	109,022	3/4	119,434	3/4	129,846	3/4	140,259	3/4	149,158	3/4		3/4		3/4		3/4		3/4	
7	109,239	7	119,651	7	130,063	7	140,476	7	149,207	7		7		7		7		7	
1/4	109,456	1/4	119,868	1/4	130,280	1/4	140,693	1/4	149,229	1/4		1/4		1/4		1/4		1/4	
1/2	109,673	1/2	120,085	1/2	130,497	1/2	140,910	1/2	149,250	1/2		1/2		1/2		1/2		1/2	
3/4	109,889	3/4	120,302	3/4	130,714	3/4	141,126	3/4	149,261	3/4		3/4		3/4		3/4		3/4	
8	110,106	8	120,519	8	130,931	8	141,343	8		8		8		8		8		8	
1/4	110,323	1/4	120,736	1/4	131,148	1/4	141,560	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,540	1/2	120,953	1/2	131,365	1/2	141,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,757	3/4	121,169	3/4	131,582	3/4	141,994	3/4		3/4		3/4		3/4		3/4		3/4	
9	110,974	9	121,386	9	131,799	9	142,211	9		9		9		9		9		9	
1/4	111,191	1/4	121,603	1/4	132,016	1/4	142,428	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,408	1/2	121,820	1/2	132,233	1/2	142,645	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,625	3/4	122,037	3/4	132,449	3/4	142,862	3/4		3/4		3/4		3/4		3/4		3/4	
10	111,842	10	122,254	10	132,666	10	143,079	10		10		10		10		10		10	
1/4	112,059	1/4	122,471	1/4	132,883	1/4	143,296	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,276	1/2	122,688	1/2	133,100	1/2	143,513	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,493	3/4	122,905	3/4	133,317	3/4	143,729	3/4		3/4		3/4		3/4		3/4		3/4	
11	112,710	11	123,122	11	133,534	11	143,946	11		11		11		11		11		11	
1/4	112,927	1/4	123,339	1/4	133,751	1/4	144,163	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,144	1/2	123,556	1/2	133,968	1/2	144,380	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,360	3/4	123,772	3/4	134,185	3/4	144,597	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 04/23/2003 KF-KS
COMPUTED: 04/29/2003 DAR
PRINTED: 04/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CBC 132"

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

April 23, 2015

**PRECISION MEASUREMENT
 & ANALYSIS, INC.**
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 Pearland, Texas 77588

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BARGE "CBC 132"

1 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	153,746	0	143,441	0	133,135	0	122,830	0	111,907	0	100,439	0	88,972
1/4	1/4	1/4	1/4	1/4	1/4	1/4	153,531	1/4	143,226	1/4	132,920	1/4	122,615	1/4	111,668	1/4	100,200	1/4	88,733
1/2	1/2	1/2	1/2	1/2	1/2	1/2	153,316	1/2	143,011	1/2	132,705	1/2	122,400	1/2	111,429	1/2	99,961	1/2	88,494
3/4	3/4	3/4	3/4	3/4	3/4	3/4	153,102	3/4	142,797	3/4	132,491	3/4	122,186	3/4	111,190	3/4	99,723	3/4	88,256
1		1		1		1	152,887	1	142,582	1	132,276	1	121,971	1	110,951	1	99,484	1	88,017
1/4	1/4	1/4	1/4	1/4	1/4	1/4	152,672	1/4	142,367	1/4	132,061	1/4	121,756	1/4	110,712	1/4	99,245	1/4	87,778
1/2	1/2	1/2	1/2	1/2	1/2	1/2	152,458	1/2	142,152	1/2	131,846	1/2	121,541	1/2	110,473	1/2	99,006	1/2	87,539
3/4	3/4	3/4	3/4	3/4	3/4	3/4	152,243	3/4	141,938	3/4	131,632	3/4	121,327	3/4	110,234	3/4	98,767	3/4	87,300
2		2		2		2	152,029	2	141,723	2	131,417	2	121,112	2	109,995	2	98,528	2	87,061
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,814	1/4	141,508	1/4	131,202	1/4	120,897	1/4	109,756	1/4	98,289	1/4	86,822
1/2	1/2	1/2	1/2	1/2	159,650	1/2	151,599	1/2	141,293	1/2	130,988	1/2	120,682	1/2	109,517	1/2	98,050	1/2	86,583
3/4	3/4	3/4	3/4	3/4	159,639	3/4	151,385	3/4	141,079	3/4	130,773	3/4	120,468	3/4	109,279	3/4	97,812	3/4	86,344
3		3		3	159,618	3	151,170	3	140,864	3	130,559	3	120,253	3	109,040	3	97,573	3	86,105
1/4	1/4	1/4	1/4	1/4	159,597	1/4	150,955	1/4	140,649	1/4	130,344	1/4	120,038	1/4	108,801	1/4	97,334	1/4	85,866
1/2	1/2	1/2	1/2	1/2	159,549	1/2	150,740	1/2	140,434	1/2	130,129	1/2	119,823	1/2	108,562	1/2	97,095	1/2	85,627
3/4	3/4	3/4	3/4	3/4	159,500	3/4	150,526	3/4	140,220	3/4	129,915	3/4	119,609	3/4	108,323	3/4	96,856	3/4	85,389
4		4		4	159,452	4	150,311	4	140,005	4	129,700	4	119,394	4	108,084	4	96,617	4	85,150
1/4	1/4	1/4	1/4	1/4	159,403	1/4	150,096	1/4	139,790	1/4	129,485	1/4	119,179	1/4	107,845	1/4	96,378	1/4	84,911
1/2	1/2	1/2	1/2	1/2	159,312	1/2	149,881	1/2	139,576	1/2	129,270	1/2	118,965	1/2	107,606	1/2	96,139	1/2	84,672
3/4	3/4	3/4	3/4	3/4	159,221	3/4	149,667	3/4	139,361	3/4	129,056	3/4	118,750	3/4	107,368	3/4	95,900	3/4	84,433
5		5		5	159,129	5	149,452	5	139,147	5	128,841	5	118,536	5	107,129	5	95,661	5	84,194
1/4	1/4	1/4	1/4	1/4	159,038	1/4	149,237	1/4	138,932	1/4	128,626	1/4	118,321	1/4	106,890	1/4	95,422	1/4	83,955
1/2	1/2	1/2	1/2	1/2	158,904	1/2	149,022	1/2	138,717	1/2	128,411	1/2	118,091	1/2	106,651	1/2	95,183	1/2	83,716
3/4	3/4	3/4	3/4	3/4	158,770	3/4	148,808	3/4	138,503	3/4	128,197	3/4	117,861	3/4	106,412	3/4	94,945	3/4	83,478
6		6		6	158,636	6	148,593	6	138,288	6	127,982	6	117,631	6	106,173	6	94,706	6	83,239
1/4	1/4	1/4	1/4	1/4	158,502	1/4	148,378	1/4	138,073	1/4	127,767	1/4	117,401	1/4	105,934	1/4	94,467	1/4	83,000
1/2	1/2	1/2	1/2	1/2	158,325	1/2	148,164	1/2	137,858	1/2	127,552	1/2	117,162	1/2	105,695	1/2	94,228	1/2	82,761
3/4	3/4	3/4	3/4	3/4	158,148	3/4	147,949	3/4	137,644	3/4	127,338	3/4	116,924	3/4	105,456	3/4	93,989	3/4	82,523
7		7		7	157,970	7	147,735	7	137,429	7	127,123	7	116,685	7	105,217	7	93,750	7	82,284
1/4	1/4	1/4	1/4	1/4	157,793	1/4	147,520	1/4	137,214	1/4	126,908	1/4	116,446	1/4	104,978	1/4	93,511	1/4	82,045
1/2	1/2	1/2	1/2	1/2	157,587	1/2	147,305	1/2	136,999	1/2	126,694	1/2	116,207	1/2	104,739	1/2	93,272	1/2	81,806
3/4	3/4	3/4	3/4	3/4	157,380	3/4	147,091	3/4	136,785	3/4	126,479	3/4	115,968	3/4	104,501	3/4	93,034	3/4	81,567
8		8		8	157,174	8	146,876	8	136,570	8	126,265	8	115,729	8	104,262	8	92,795	8	81,328
1/4	1/4	1/4	1/4	1/4	156,967	1/4	146,661	1/4	136,355	1/4	126,050	1/4	115,490	1/4	104,023	1/4	92,556	1/4	81,089
1/2	1/2	1/2	1/2	1/2	156,752	1/2	146,446	1/2	136,140	1/2	125,835	1/2	115,251	1/2	103,784	1/2	92,317	1/2	80,850
3/4	3/4	3/4	3/4	3/4	156,538	3/4	146,232	3/4	135,926	3/4	125,621	3/4	115,013	3/4	103,545	3/4	92,078	3/4	80,612
9		9		9	156,323	9	146,017	9	135,711	9	125,406	9	114,774	9	103,306	9	91,839	9	80,373
1/4	1/4	1/4	1/4	1/4	156,108	1/4	145,802	1/4	135,496	1/4	125,191	1/4	114,535	1/4	103,067	1/4	91,600	1/4	80,134
1/2	1/2	1/2	1/2	1/2	155,893	1/2	145,587	1/2	135,281	1/2	124,976	1/2	114,296	1/2	102,828	1/2	91,361	1/2	79,895
3/4	3/4	3/4	3/4	3/4	155,679	3/4	145,373	3/4	135,067	3/4	124,762	3/4	114,057	3/4	102,590	3/4	91,122	3/4	79,657
10		10		10	155,464	10	145,158	10	134,852	10	124,547	10	113,818	10	102,351	10	90,883	10	79,418
1/4	1/4	1/4	1/4	1/4	155,249	1/4	144,943	1/4	134,637	1/4	124,332	1/4	113,579	1/4	102,112	1/4	90,644	1/4	79,179
1/2	1/2	1/2	1/2	1/2	155,034	1/2	144,728	1/2	134,423	1/2	124,117	1/2	113,340	1/2	101,873	1/2	90,405	1/2	78,940
3/4	3/4	3/4	3/4	3/4	154,820	3/4	144,514	3/4	134,208	3/4	123,903	3/4	113,101	3/4	101,634	3/4	90,167	3/4	78,702
11		11		11	154,605	11	144,299	11	133,994	11	123,688	11	112,862	11	101,395	11	89,928	11	78,463
1/4	1/4	1/4	1/4	1/4	154,390	1/4	144,084	1/4	133,779	1/4	123,473	1/4	112,623	1/4	101,156	1/4	89,689	1/4	78,224
1/2	1/2	1/2	1/2	1/2	154,175	1/2	143,870	1/2	133,564	1/2	123,259	1/2	112,384	1/2	100,917	1/2	89,450	1/2	77,985
3/4	3/4	3/4	3/4	3/4	153,961	3/4	143,655	3/4	133,350	3/4	123,044	3/4	112,146	3/4	100,678	3/4	89,211	3/4	77,746

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 0'-09" OFF CENTERLINE AND 27'-05" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 132"

1 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	77,507	0	66,043	0	54,578	0	43,113	0	31,673	0	20,214	0	8,745	0		0		0	
1/4	77,268	1/4	65,804	1/4	54,339	1/4	42,874	1/4	31,435	1/4	19,975	1/4	8,506	1/4		1/4		1/4	
1/2	77,029	1/2	65,565	1/2	54,100	1/2	42,635	1/2	31,197	1/2	19,736	1/2	8,267	1/2		1/2		1/2	
3/4	76,791	3/4	65,327	3/4	53,862	3/4	42,397	3/4	30,959	3/4	19,497	3/4	8,028	3/4		3/4		3/4	
1	76,552	1	65,088	1	53,623	1	42,158	1	30,721	1	19,258	1	7,789	1		1		1	
1/4	76,313	1/4	64,849	1/4	53,384	1/4	41,919	1/4	30,483	1/4	19,019	1/4	7,550	1/4		1/4		1/4	
1/2	76,074	1/2	64,610	1/2	53,145	1/2	41,680	1/2	30,245	1/2	18,780	1/2	7,311	1/2		1/2		1/2	
3/4	75,836	3/4	64,371	3/4	52,906	3/4	41,441	3/4	30,007	3/4	18,541	3/4	7,072	3/4		3/4		3/4	
2	75,597	2	64,132	2	52,667	2	41,202	2	29,769	2	18,302	2	6,833	2		2		2	
1/4	75,358	1/4	63,893	1/4	52,428	1/4	40,963	1/4	29,531	1/4	18,063	1/4	6,594	1/4		1/4		1/4	
1/2	75,119	1/2	63,654	1/2	52,189	1/2	40,724	1/2	29,292	1/2	17,824	1/2	6,355	1/2		1/2		1/2	
3/4	74,881	3/4	63,416	3/4	51,951	3/4	40,486	3/4	29,054	3/4	17,585	3/4	6,116	3/4		3/4		3/4	
3	74,642	3	63,177	3	51,712	3	40,247	3	28,815	3	17,346	3	5,877	3		3		3	
1/4	74,403	1/4	62,938	1/4	51,473	1/4	40,008	1/4	28,576	1/4	17,107	1/4	5,638	1/4		1/4		1/4	
1/2	74,164	1/2	62,699	1/2	51,234	1/2	39,769	1/2	28,337	1/2	16,868	1/2	5,399	1/2		1/2		1/2	
3/4	73,925	3/4	62,460	3/4	50,995	3/4	39,531	3/4	28,098	3/4	16,630	3/4	5,160	3/4		3/4		3/4	
4	73,686	4	62,221	4	50,756	4	39,292	4	27,859	4	16,391	4	4,922	4		4		4	
1/4	73,447	1/4	61,982	1/4	50,517	1/4	39,053	1/4	27,620	1/4	16,152	1/4	4,683	1/4		1/4		1/4	
1/2	73,208	1/2	61,743	1/2	50,278	1/2	38,815	1/2	27,381	1/2	15,913	1/2	4,444	1/2		1/2		1/2	
3/4	72,970	3/4	61,505	3/4	50,040	3/4	38,576	3/4	27,143	3/4	15,674	3/4	4,205	3/4		3/4		3/4	
5	72,731	5	61,266	5	49,801	5	38,338	5	26,904	5	15,435	5	3,966	5		5		5	
1/4	72,492	1/4	61,027	1/4	49,562	1/4	38,099	1/4	26,665	1/4	15,196	1/4	3,727	1/4		1/4		1/4	
1/2	72,253	1/2	60,788	1/2	49,323	1/2	37,861	1/2	26,426	1/2	14,957	1/2	3,488	1/2		1/2		1/2	
3/4	72,014	3/4	60,549	3/4	49,085	3/4	37,623	3/4	26,187	3/4	14,718	3/4	3,249	3/4		3/4		3/4	
6	71,775	6	60,310	6	48,846	6	37,384	6	25,948	6	14,479	6	3,010	6		6		6	
1/4	71,536	1/4	60,071	1/4	48,607	1/4	37,146	1/4	25,709	1/4	14,240	1/4	2,771	1/4		1/4		1/4	
1/2	71,297	1/2	59,832	1/2	48,368	1/2	36,908	1/2	25,470	1/2	14,001	1/2	2,532	1/2		1/2		1/2	
3/4	71,059	3/4	59,594	3/4	48,129	3/4	36,670	3/4	25,231	3/4	13,762	3/4	2,293	3/4		3/4		3/4	
7	70,820	7	59,355	7	47,890	7	36,432	7	24,992	7	13,523	7	2,055	7		7		7	
1/4	70,581	1/4	59,116	1/4	47,651	1/4	36,194	1/4	24,753	1/4	13,284	1/4	1,816	1/4		1/4		1/4	
1/2	70,342	1/2	58,877	1/2	47,412	1/2	35,956	1/2	24,514	1/2	13,045	1/2	1,602	1/2		1/2		1/2	
3/4	70,104	3/4	58,639	3/4	47,174	3/4	35,718	3/4	24,275	3/4	12,807	3/4	1,387	3/4		3/4		3/4	
8	69,865	8	58,400	8	46,935	8	35,480	8	24,036	8	12,568	8	1,173	8		8		8	
1/4	69,626	1/4	58,161	1/4	46,696	1/4	35,242	1/4	23,797	1/4	12,329	1/4	959	1/4		1/4		1/4	
1/2	69,387	1/2	57,922	1/2	46,457	1/2	35,004	1/2	23,558	1/2	12,090	1/2	810	1/2		1/2		1/2	
3/4	69,148	3/4	57,683	3/4	46,218	3/4	34,766	3/4	23,320	3/4	11,851	3/4	660	3/4		3/4		3/4	
9	68,909	9	57,444	9	45,979	9	34,528	9	23,081	9	11,612	9	511	9		9		9	
1/4	68,670	1/4	57,205	1/4	45,740	1/4	34,290	1/4	22,842	1/4	11,373	1/4	362	1/4		1/4		1/4	
1/2	68,431	1/2	56,966	1/2	45,501	1/2	34,052	1/2	22,603	1/2	11,134	1/2	292	1/2		1/2		1/2	
3/4	68,193	3/4	56,728	3/4	45,263	3/4	33,814	3/4	22,364	3/4	10,895	3/4	222	3/4		3/4		3/4	
10	67,954	10	56,489	10	45,024	10	33,576	10	22,125	10	10,656	10	153	10		10		10	
1/4	67,715	1/4	56,250	1/4	44,785	1/4	33,338	1/4	21,886	1/4	10,417	1/4	83	1/4		1/4		1/4	
1/2	67,476	1/2	56,011	1/2	44,546	1/2	33,100	1/2	21,647	1/2	10,178	1/2		1/2		1/2		1/2	
3/4	67,237	3/4	55,772	3/4	44,308	3/4	32,863	3/4	21,408	3/4	9,939	3/4		3/4		3/4		3/4	
11	66,998	11	55,533	11	44,069	11	32,625	11	21,169	11	9,700	11		11		11		11	
1/4	66,759	1/4	55,294	1/4	43,830	1/4	32,387	1/4	20,930	1/4	9,461	1/4		1/4		1/4		1/4	
1/2	66,520	1/2	55,055	1/2	43,591	1/2	32,149	1/2	20,691	1/2	9,222	1/2		1/2		1/2		1/2	
3/4	66,282	3/4	54,817	3/4	43,352	3/4	31,911	3/4	20,453	3/4	8,983	3/4		3/4		3/4		3/4	

STRAPPED: 04/23/2003 KF-KS
COMPUTED: 04/29/2003 DAR
PRINTED: 04/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 132"

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	0	0	144,204	0	133,740	0	123,276	0	112,812	0	102,348	0	91,884	0	81,420		
1/4	1/4	1/4	1/4	1/4	1/4	143,986	1/4	133,522	1/4	123,058	1/4	112,594	1/4	102,130	1/4	91,666	1/4	81,202		
1/2	1/2	1/2	1/2	1/2	1/2	143,768	1/2	133,304	1/2	122,840	1/2	112,376	1/2	101,912	1/2	91,448	1/2	80,984		
3/4	3/4	3/4	3/4	3/4	3/4	143,550	3/4	133,086	3/4	122,622	3/4	112,158	3/4	101,694	3/4	91,230	3/4	80,766		
1	1	1	1	1	1	143,332	1	132,868	1	122,404	1	111,940	1	101,476	1	91,012	1	80,548		
1/4	1/4	1/4	1/4	1/4	1/4	143,114	1/4	132,650	1/4	122,186	1/4	111,722	1/4	101,258	1/4	90,794	1/4	80,330		
1/2	1/2	1/2	1/2	1/2	1/2	142,896	1/2	132,432	1/2	121,968	1/2	111,504	1/2	101,040	1/2	90,576	1/2	80,112		
3/4	3/4	3/4	3/4	3/4	3/4	142,678	3/4	132,214	3/4	121,750	3/4	111,286	3/4	100,822	3/4	90,358	3/4	79,894		
2	2	2	2	2	2	142,460	2	131,996	2	121,532	2	111,068	2	100,604	2	90,140	2	79,676		
1/4	1/4	1/4	1/4	1/4	1/4	142,242	1/4	131,778	1/4	121,314	1/4	110,850	1/4	100,386	1/4	89,922	1/4	79,458		
1/2	1/2	1/2	1/2	1/2	1/2	142,024	1/2	131,560	1/2	121,096	1/2	110,632	1/2	100,168	1/2	89,704	1/2	79,240		
3/4	3/4	3/4	3/4	3/4	3/4	149,981	3/4	141,806	3/4	131,342	3/4	120,878	3/4	110,414	3/4	99,950	3/4	89,486	3/4	79,022
3	3	3	3	3	3	149,970	3	141,588	3	131,124	3	120,660	3	110,196	3	99,732	3	89,268	3	78,804
1/4	1/4	1/4	1/4	1/4	1/4	149,949	1/4	141,370	1/4	130,906	1/4	120,442	1/4	109,978	1/4	99,514	1/4	89,050	1/4	78,586
1/2	1/2	1/2	1/2	1/2	1/2	149,927	1/2	141,152	1/2	130,688	1/2	120,224	1/2	109,760	1/2	99,296	1/2	88,832	1/2	78,368
3/4	3/4	3/4	3/4	3/4	3/4	149,878	3/4	140,934	3/4	130,470	3/4	120,006	3/4	109,542	3/4	99,078	3/4	88,614	3/4	78,150
4	4	4	4	4	4	149,829	4	140,716	4	130,252	4	119,788	4	109,324	4	98,860	4	88,396	4	77,932
1/4	1/4	1/4	1/4	1/4	1/4	149,780	1/4	140,498	1/4	130,034	1/4	119,570	1/4	109,106	1/4	98,642	1/4	88,178	1/4	77,714
1/2	1/2	1/2	1/2	1/2	1/2	149,731	1/2	140,280	1/2	129,816	1/2	119,352	1/2	108,888	1/2	98,424	1/2	87,960	1/2	77,496
3/4	3/4	3/4	3/4	3/4	3/4	149,638	3/4	140,062	3/4	129,598	3/4	119,134	3/4	108,670	3/4	98,206	3/4	87,742	3/4	77,278
5	5	5	5	5	5	149,546	5	139,844	5	129,380	5	118,916	5	108,452	5	97,988	5	87,524	5	77,060
1/4	1/4	1/4	1/4	1/4	1/4	149,453	1/4	139,626	1/4	129,162	1/4	118,698	1/4	108,234	1/4	97,770	1/4	87,306	1/4	76,842
1/2	1/2	1/2	1/2	1/2	1/2	149,360	1/2	139,408	1/2	128,944	1/2	118,480	1/2	108,016	1/2	97,552	1/2	87,088	1/2	76,624
3/4	3/4	3/4	3/4	3/4	3/4	149,224	3/4	139,190	3/4	128,726	3/4	118,262	3/4	107,798	3/4	97,334	3/4	86,870	3/4	76,406
6	6	6	6	6	6	149,088	6	138,972	6	128,508	6	118,044	6	107,580	6	97,116	6	86,652	6	76,188
1/4	1/4	1/4	1/4	1/4	1/4	148,951	1/4	138,754	1/4	128,290	1/4	117,826	1/4	107,362	1/4	96,898	1/4	86,434	1/4	75,970
1/2	1/2	1/2	1/2	1/2	1/2	148,815	1/2	138,536	1/2	128,072	1/2	117,608	1/2	107,144	1/2	96,680	1/2	86,216	1/2	75,752
3/4	3/4	3/4	3/4	3/4	3/4	148,635	3/4	138,318	3/4	127,854	3/4	117,390	3/4	106,926	3/4	96,462	3/4	85,998	3/4	75,534
7	7	7	7	7	7	148,456	7	138,100	7	127,636	7	117,172	7	106,708	7	96,244	7	85,780	7	75,316
1/4	1/4	1/4	1/4	1/4	1/4	148,276	1/4	137,882	1/4	127,418	1/4	116,954	1/4	106,490	1/4	96,026	1/4	85,562	1/4	75,098
1/2	1/2	1/2	1/2	1/2	1/2	148,096	1/2	137,664	1/2	127,200	1/2	116,736	1/2	106,272	1/2	95,808	1/2	85,344	1/2	74,880
3/4	3/4	3/4	3/4	3/4	3/4	147,886	3/4	137,446	3/4	126,982	3/4	116,518	3/4	106,054	3/4	95,590	3/4	85,126	3/4	74,662
8	8	8	8	8	8	147,676	8	137,228	8	126,764	8	116,300	8	105,836	8	95,372	8	84,908	8	74,444
1/4	1/4	1/4	1/4	1/4	1/4	147,466	1/4	137,010	1/4	126,546	1/4	116,082	1/4	105,618	1/4	95,154	1/4	84,690	1/4	74,226
1/2	1/2	1/2	1/2	1/2	1/2	147,256	1/2	136,792	1/2	126,328	1/2	115,864	1/2	105,400	1/2	94,936	1/2	84,472	1/2	74,008
3/4	3/4	3/4	3/4	3/4	3/4	147,038	3/4	136,574	3/4	126,110	3/4	115,646	3/4	105,182	3/4	94,718	3/4	84,254	3/4	73,790
9	9	9	9	9	9	146,820	9	136,356	9	125,892	9	115,428	9	104,964	9	94,500	9	84,036	9	73,572
1/4	1/4	1/4	1/4	1/4	1/4	146,602	1/4	136,138	1/4	125,674	1/4	115,210	1/4	104,746	1/4	94,282	1/4	83,818	1/4	73,354
1/2	1/2	1/2	1/2	1/2	1/2	146,384	1/2	135,920	1/2	125,456	1/2	114,992	1/2	104,528	1/2	94,064	1/2	83,600	1/2	73,136
3/4	3/4	3/4	3/4	3/4	3/4	146,166	3/4	135,702	3/4	125,238	3/4	114,774	3/4	104,310	3/4	93,846	3/4	83,382	3/4	72,918
10	10	10	10	10	10	145,948	10	135,484	10	125,020	10	114,556	10	104,092	10	93,628	10	83,164	10	72,700
1/4	1/4	1/4	1/4	1/4	1/4	145,730	1/4	135,266	1/4	124,802	1/4	114,338	1/4	103,874	1/4	93,410	1/4	82,946	1/4	72,482
1/2	1/2	1/2	1/2	1/2	1/2	145,512	1/2	135,048	1/2	124,584	1/2	114,120	1/2	103,656	1/2	93,192	1/2	82,728	1/2	72,264
3/4	3/4	3/4	3/4	3/4	3/4	145,294	3/4	134,830	3/4	124,366	3/4	113,902	3/4	103,438	3/4	92,974	3/4	82,510	3/4	72,046
11	11	11	11	11	11	145,076	11	134,612	11	124,148	11	113,684	11	103,220	11	92,756	11	82,292	11	71,828
1/4	1/4	1/4	1/4	1/4	1/4	144,858	1/4	134,394	1/4	123,930	1/4	113,466	1/4	103,002	1/4	92,538	1/4	82,074	1/4	71,610
1/2	1/2	1/2	1/2	1/2	1/2	144,640	1/2	134,176	1/2	123,712	1/2	113,248	1/2	102,784	1/2	92,320	1/2	81,856	1/2	71,392
3/4	3/4	3/4	3/4	3/4	3/4	144,422	3/4	133,958	3/4	123,494	3/4	113,030	3/4	102,566	3/4	92,102	3/4	81,638	3/4	71,174

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 0'-09" OFF CENTERLINE AND 27'-05" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 132"

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	70,956	0	60,492	0	50,028	0	39,564	0	29,117	0	18,662	0	8,199	0		0		0	
1/4	70,738	1/4	60,274	1/4	49,810	1/4	39,346	1/4	28,900	1/4	18,444	1/4	7,981	1/4		1/4		1/4	
1/2	70,520	1/2	60,056	1/2	49,592	1/2	39,128	1/2	28,682	1/2	18,226	1/2	7,763	1/2		1/2		1/2	
3/4	70,302	3/4	59,838	3/4	49,374	3/4	38,910	3/4	28,465	3/4	18,008	3/4	7,545	3/4		3/4		3/4	
1	70,084	1	59,620	1	49,156	1	38,692	1	28,247	1	17,791	1	7,327	1		1		1	
1/4	69,866	1/4	59,402	1/4	48,938	1/4	38,474	1/4	28,030	1/4	17,573	1/4	7,109	1/4		1/4		1/4	
1/2	69,648	1/2	59,184	1/2	48,720	1/2	38,256	1/2	27,812	1/2	17,355	1/2	6,891	1/2		1/2		1/2	
3/4	69,430	3/4	58,966	3/4	48,502	3/4	38,038	3/4	27,595	3/4	17,137	3/4	6,673	3/4		3/4		3/4	
2	69,212	2	58,748	2	48,284	2	37,820	2	27,378	2	16,919	2	6,455	2		2		2	
1/4	68,994	1/4	58,530	1/4	48,066	1/4	37,602	1/4	27,160	1/4	16,701	1/4	6,237	1/4		1/4		1/4	
1/2	68,776	1/2	58,312	1/2	47,848	1/2	37,384	1/2	26,943	1/2	16,483	1/2	6,019	1/2		1/2		1/2	
3/4	68,558	3/4	58,094	3/4	47,630	3/4	37,166	3/4	26,725	3/4	16,265	3/4	5,801	3/4		3/4		3/4	
3	68,340	3	57,876	3	47,412	3	36,948	3	26,507	3	16,047	3	5,583	3		3		3	
1/4	68,122	1/4	57,658	1/4	47,194	1/4	36,730	1/4	26,289	1/4	15,829	1/4	5,365	1/4		1/4		1/4	
1/2	67,904	1/2	57,440	1/2	46,976	1/2	36,512	1/2	26,071	1/2	15,611	1/2	5,147	1/2		1/2		1/2	
3/4	67,686	3/4	57,222	3/4	46,758	3/4	36,294	3/4	25,853	3/4	15,393	3/4	4,929	3/4		3/4		3/4	
4	67,468	4	57,004	4	46,540	4	36,076	4	25,635	4	15,175	4	4,711	4		4		4	
1/4	67,250	1/4	56,786	1/4	46,322	1/4	35,858	1/4	25,417	1/4	14,957	1/4	4,493	1/4		1/4		1/4	
1/2	67,032	1/2	56,568	1/2	46,104	1/2	35,640	1/2	25,199	1/2	14,739	1/2	4,275	1/2		1/2		1/2	
3/4	66,814	3/4	56,350	3/4	45,886	3/4	35,423	3/4	24,981	3/4	14,521	3/4	4,057	3/4		3/4		3/4	
5	66,596	5	56,132	5	45,668	5	35,205	5	24,764	5	14,303	5	3,839	5		5		5	
1/4	66,378	1/4	55,914	1/4	45,450	1/4	34,988	1/4	24,546	1/4	14,085	1/4	3,621	1/4		1/4		1/4	
1/2	66,160	1/2	55,696	1/2	45,232	1/2	34,770	1/2	24,328	1/2	13,867	1/2	3,403	1/2		1/2		1/2	
3/4	65,942	3/4	55,478	3/4	45,014	3/4	34,553	3/4	24,110	3/4	13,649	3/4	3,185	3/4		3/4		3/4	
6	65,724	6	55,260	6	44,796	6	34,335	6	23,892	6	13,431	6	2,967	6		6		6	
1/4	65,506	1/4	55,042	1/4	44,578	1/4	34,118	1/4	23,674	1/4	13,213	1/4	2,749	1/4		1/4		1/4	
1/2	65,288	1/2	54,824	1/2	44,360	1/2	33,900	1/2	23,456	1/2	12,995	1/2	2,531	1/2		1/2		1/2	
3/4	65,070	3/4	54,606	3/4	44,142	3/4	33,683	3/4	23,238	3/4	12,777	3/4	2,313	3/4		3/4		3/4	
7	64,852	7	54,388	7	43,924	7	33,465	7	23,020	7	12,559	7	2,095	7		7		7	
1/4	64,634	1/4	54,170	1/4	43,706	1/4	33,248	1/4	22,802	1/4	12,341	1/4	1,877	1/4		1/4		1/4	
1/2	64,416	1/2	53,952	1/2	43,488	1/2	33,030	1/2	22,584	1/2	12,123	1/2	1,659	1/2		1/2		1/2	
3/4	64,198	3/4	53,734	3/4	43,270	3/4	32,813	3/4	22,366	3/4	11,905	3/4	1,464	3/4		3/4		3/4	
8	63,980	8	53,516	8	43,052	8	32,596	8	22,149	8	11,687	8	1,268	8		8		8	
1/4	63,762	1/4	53,298	1/4	42,834	1/4	32,378	1/4	21,931	1/4	11,469	1/4	1,073	1/4		1/4		1/4	
1/2	63,544	1/2	53,080	1/2	42,616	1/2	32,161	1/2	21,713	1/2	11,251	1/2	877	1/2		1/2		1/2	
3/4	63,326	3/4	52,862	3/4	42,398	3/4	31,944	3/4	21,495	3/4	11,033	3/4	741	3/4		3/4		3/4	
9	63,108	9	52,644	9	42,180	9	31,726	9	21,277	9	10,815	9	605	9		9		9	
1/4	62,890	1/4	52,426	1/4	41,962	1/4	31,509	1/4	21,059	1/4	10,597	1/4	468	1/4		1/4		1/4	
1/2	62,672	1/2	52,208	1/2	41,744	1/2	31,291	1/2	20,841	1/2	10,379	1/2	332	1/2		1/2		1/2	
3/4	62,454	3/4	51,990	3/4	41,526	3/4	31,074	3/4	20,623	3/4	10,161	3/4	269	3/4		3/4		3/4	
10	62,236	10	51,772	10	41,308	10	30,856	10	20,406	10	9,943	10	205	10		10		10	
1/4	62,018	1/4	51,554	1/4	41,090	1/4	30,639	1/4	20,188	1/4	9,725	1/4	142	1/4		1/4		1/4	
1/2	61,800	1/2	51,336	1/2	40,872	1/2	30,421	1/2	19,970	1/2	9,507	1/2	78	1/2		1/2		1/2	
3/4	61,582	3/4	51,118	3/4	40,654	3/4	30,204	3/4	19,752	3/4	9,289	3/4		3/4		3/4		3/4	
11	61,364	11	50,900	11	40,436	11	29,987	11	19,534	11	9,071	11		11		11		11	
1/4	61,146	1/4	50,682	1/4	40,218	1/4	29,769	1/4	19,316	1/4	8,853	1/4		1/4		1/4		1/4	
1/2	60,928	1/2	50,464	1/2	40,000	1/2	29,552	1/2	19,098	1/2	8,635	1/2		1/2		1/2		1/2	
3/4	60,710	3/4	50,246	3/4	39,782	3/4	29,335	3/4	18,880	3/4	8,417	3/4		3/4		3/4		3/4	

STRAPPED: 04/23/2003 KF-KS
COMPUTED: 04/29/2003 DAR
PRINTED: 04/23/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 132"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10"

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	143,079	0	132,666	0	122,254	0	111,842	0	101,430	0	91,017	0	80,605
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,862	1/4	132,449	1/4	122,037	1/4	111,625	1/4	101,213	1/4	90,800	1/4	80,388
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,645	1/2	132,233	1/2	121,820	1/2	111,408	1/2	100,996	1/2	90,584	1/2	80,171
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,428	3/4	132,016	3/4	121,603	3/4	111,191	3/4	100,779	3/4	90,367	3/4	79,954
1		1		1		1	142,211	1	131,799	1	121,386	1	110,974	1	100,562	1	90,150	1	79,737
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,994	1/4	131,582	1/4	121,169	1/4	110,757	1/4	100,345	1/4	89,933	1/4	79,520
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,777	1/2	131,365	1/2	120,953	1/2	110,540	1/2	100,128	1/2	89,716	1/2	79,304
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,560	3/4	131,148	3/4	120,736	3/4	110,323	3/4	99,911	3/4	89,499	3/4	79,087
2		2		2		2	141,343	2	130,931	2	120,519	2	110,106	2	99,694	2	89,282	2	78,870
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,261	1/4	141,126	1/4	130,714	1/4	120,302	1/4	109,889	1/4	99,477	1/4	78,653
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,250	1/2	140,910	1/2	130,497	1/2	120,085	1/2	109,673	1/2	99,261	1/2	78,436
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,229	3/4	140,693	3/4	130,280	3/4	119,868	3/4	109,456	3/4	99,044	3/4	78,219
3		3		3		3	149,207	3	140,476	3	130,063	3	119,651	3	109,239	3	98,827	3	78,002
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,158	1/4	140,259	1/4	129,846	1/4	119,434	1/4	109,022	1/4	98,610	1/4	77,785
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,109	1/2	140,042	1/2	129,630	1/2	119,217	1/2	108,805	1/2	98,393	1/2	77,568
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,060	3/4	139,825	3/4	129,413	3/4	119,000	3/4	108,588	3/4	98,176	3/4	77,351
4		4		4		4	149,011	4	139,608	4	129,196	4	118,783	4	108,371	4	97,959	4	77,134
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,919	1/4	139,391	1/4	128,979	1/4	118,566	1/4	108,154	1/4	97,742	1/4	76,917
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,827	1/2	139,174	1/2	128,762	1/2	118,350	1/2	107,937	1/2	97,525	1/2	76,701
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,735	3/4	138,957	3/4	128,545	3/4	118,133	3/4	107,720	3/4	97,308	3/4	76,484
5		5		5		5	148,643	5	138,740	5	128,328	5	117,916	5	107,503	5	97,091	5	76,267
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,507	1/4	138,523	1/4	128,111	1/4	117,699	1/4	107,286	1/4	96,874	1/4	76,050
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,372	1/2	138,306	1/2	127,894	1/2	117,482	1/2	107,070	1/2	96,657	1/2	75,833
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,236	3/4	138,089	3/4	127,677	3/4	117,265	3/4	106,853	3/4	96,440	3/4	75,616
6		6		6		6	148,100	6	137,872	6	127,460	6	117,048	6	106,636	6	96,223	6	75,399
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,921	1/4	137,655	1/4	127,243	1/4	116,831	1/4	106,419	1/4	96,006	1/4	75,182
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,742	1/2	137,439	1/2	127,027	1/2	116,614	1/2	106,202	1/2	95,790	1/2	74,965
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,563	3/4	137,222	3/4	126,810	3/4	116,397	3/4	105,985	3/4	95,573	3/4	74,748
7		7		7		7	147,384	7	137,005	7	126,593	7	116,180	7	105,768	7	95,356	7	74,531
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,175	1/4	136,788	1/4	126,376	1/4	115,963	1/4	105,551	1/4	95,139	1/4	74,314
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,967	1/2	136,571	1/2	126,159	1/2	115,747	1/2	105,334	1/2	94,922	1/2	74,098
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,758	3/4	136,354	3/4	125,942	3/4	115,530	3/4	105,117	3/4	94,705	3/4	73,881
8		8		8		8	146,549	8	136,137	8	125,725	8	115,313	8	104,900	8	94,488	8	73,664
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,332	1/4	135,920	1/4	125,508	1/4	115,096	1/4	104,683	1/4	94,271	1/4	73,447
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,116	1/2	135,703	1/2	125,291	1/2	114,879	1/2	104,467	1/2	94,054	1/2	73,230
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,899	3/4	135,486	3/4	125,074	3/4	114,662	3/4	104,250	3/4	93,837	3/4	73,013
9		9		9		9	145,682	9	135,269	9	124,857	9	114,445	9	104,033	9	93,620	9	72,796
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,465	1/4	135,052	1/4	124,640	1/4	114,228	1/4	103,816	1/4	93,403	1/4	72,579
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,248	1/2	134,836	1/2	124,423	1/2	114,011	1/2	103,599	1/2	93,187	1/2	72,362
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,031	3/4	134,619	3/4	124,206	3/4	113,794	3/4	103,382	3/4	92,970	3/4	72,145
10		10		10		10	144,814	10	134,402	10	123,989	10	113,577	10	103,165	10	92,753	10	71,928
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,597	1/4	134,185	1/4	123,772	1/4	113,360	1/4	102,948	1/4	92,536	1/4	58,211
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,380	1/2	133,968	1/2	123,556	1/2	113,144	1/2	102,731	1/2	92,319	1/2	44,495
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,163	3/4	133,751	3/4	123,339	3/4	112,927	3/4	102,514	3/4	92,102	3/4	30,778
11		11		11		11	143,946	11	133,534	11	123,122	11	112,710	11	102,297	11	91,885	11	17,061
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,729	1/4	133,317	1/4	122,905	1/4	112,493	1/4	102,080	1/4	91,668	1/4	30,344
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,513	1/2	133,100	1/2	122,688	1/2	112,276	1/2	101,864	1/2	91,451	1/2	43,627
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,296	3/4	132,883	3/4	122,471	3/4	112,059	3/4	101,647	3/4	91,234	3/4	56,910

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 0'-09" OFF CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 132"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-10"

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	70,193	0	59,781	0	49,368	0	38,956	0	28,545	0	18,136	0	7,724	0		0		0	
1/4	69,976	1/4	59,564	1/4	49,151	1/4	38,739	1/4	28,328	1/4	17,919	1/4	7,507	1/4		1/4		1/4	
1/2	69,759	1/2	59,347	1/2	48,935	1/2	38,523	1/2	28,112	1/2	17,703	1/2	7,291	1/2		1/2		1/2	
3/4	69,542	3/4	59,130	3/4	48,718	3/4	38,306	3/4	27,895	3/4	17,486	3/4	7,074	3/4		3/4		3/4	
1	69,325	1	58,913	1	48,501	1	38,089	1	27,678	1	17,269	1	6,857	1		1		1	
1/4	69,108	1/4	58,696	1/4	48,284	1/4	37,872	1/4	27,461	1/4	17,052	1/4	6,640	1/4		1/4		1/4	
1/2	68,892	1/2	58,479	1/2	48,067	1/2	37,655	1/2	27,244	1/2	16,835	1/2	6,423	1/2		1/2		1/2	
3/4	68,675	3/4	58,262	3/4	47,850	3/4	37,438	3/4	27,027	3/4	16,618	3/4	6,206	3/4		3/4		3/4	
2	68,458	2	58,045	2	47,633	2	37,221	2	26,810	2	16,401	2	5,989	2		2		2	
1/4	68,241	1/4	57,828	1/4	47,416	1/4	37,004	1/4	26,593	1/4	16,184	1/4	5,772	1/4		1/4		1/4	
1/2	68,024	1/2	57,612	1/2	47,199	1/2	36,787	1/2	26,377	1/2	15,967	1/2	5,555	1/2		1/2		1/2	
3/4	67,807	3/4	57,395	3/4	46,982	3/4	36,570	3/4	26,160	3/4	15,750	3/4	5,338	3/4		3/4		3/4	
3	67,590	3	57,178	3	46,765	3	36,353	3	25,943	3	15,533	3	5,121	3		3		3	
1/4	67,373	1/4	56,961	1/4	46,548	1/4	36,136	1/4	25,726	1/4	15,316	1/4	4,904	1/4		1/4		1/4	
1/2	67,156	1/2	56,744	1/2	46,332	1/2	35,919	1/2	25,509	1/2	15,100	1/2	4,688	1/2		1/2		1/2	
3/4	66,939	3/4	56,527	3/4	46,115	3/4	35,702	3/4	25,292	3/4	14,883	3/4	4,471	3/4		3/4		3/4	
4	66,722	4	56,310	4	45,898	4	35,485	4	25,075	4	14,666	4	4,254	4		4		4	
1/4	66,505	1/4	56,093	1/4	45,681	1/4	35,268	1/4	24,858	1/4	14,449	1/4	4,037	1/4		1/4		1/4	
1/2	66,288	1/2	55,876	1/2	45,464	1/2	35,052	1/2	24,641	1/2	14,232	1/2	3,820	1/2		1/2		1/2	
3/4	66,071	3/4	55,659	3/4	45,247	3/4	34,835	3/4	24,424	3/4	14,015	3/4	3,603	3/4		3/4		3/4	
5	65,854	5	55,442	5	45,030	5	34,618	5	24,207	5	13,798	5	3,386	5		5		5	
1/4	65,637	1/4	55,225	1/4	44,813	1/4	34,401	1/4	23,990	1/4	13,581	1/4	3,169	1/4		1/4		1/4	
1/2	65,421	1/2	55,009	1/2	44,596	1/2	34,184	1/2	23,774	1/2	13,364	1/2	2,952	1/2		1/2		1/2	
3/4	65,204	3/4	54,792	3/4	44,379	3/4	33,967	3/4	23,557	3/4	13,147	3/4	2,735	3/4		3/4		3/4	
6	64,987	6	54,575	6	44,162	6	33,750	6	23,340	6	12,930	6	2,518	6		6		6	
1/4	64,770	1/4	54,358	1/4	43,945	1/4	33,533	1/4	23,123	1/4	12,713	1/4	2,301	1/4		1/4		1/4	
1/2	64,553	1/2	54,141	1/2	43,729	1/2	33,317	1/2	22,907	1/2	12,497	1/2	2,084	1/2		1/2		1/2	
3/4	64,336	3/4	53,924	3/4	43,512	3/4	33,100	3/4	22,690	3/4	12,280	3/4	1,867	3/4		3/4		3/4	
7	64,119	7	53,707	7	43,295	7	32,883	7	22,473	7	12,063	7	1,650	7		7		7	
1/4	63,902	1/4	53,490	1/4	43,078	1/4	32,666	1/4	22,256	1/4	11,846	1/4	1,456	1/4		1/4		1/4	
1/2	63,685	1/2	53,273	1/2	42,861	1/2	32,449	1/2	22,040	1/2	11,629	1/2	1,262	1/2		1/2		1/2	
3/4	63,468	3/4	53,056	3/4	42,644	3/4	32,232	3/4	21,823	3/4	11,412	3/4	1,067	3/4		3/4		3/4	
8	63,251	8	52,839	8	42,427	8	32,015	8	21,606	8	11,195	8	873	8		8		8	
1/4	63,034	1/4	52,622	1/4	42,210	1/4	31,798	1/4	21,389	1/4	10,978	1/4	738	1/4		1/4		1/4	
1/2	62,818	1/2	52,405	1/2	41,993	1/2	31,582	1/2	21,172	1/2	10,761	1/2	602	1/2		1/2		1/2	
3/4	62,601	3/4	52,188	3/4	41,776	3/4	31,365	3/4	20,955	3/4	10,544	3/4	467	3/4		3/4		3/4	
9	62,384	9	51,971	9	41,559	9	31,148	9	20,738	9	10,327	9	331	9		9		9	
1/4	62,167	1/4	51,754	1/4	41,342	1/4	30,931	1/4	20,521	1/4	10,110	1/4	268	1/4		1/4		1/4	
1/2	61,950	1/2	51,538	1/2	41,126	1/2	30,714	1/2	20,305	1/2	9,894	1/2	205	1/2		1/2		1/2	
3/4	61,733	3/4	51,321	3/4	40,909	3/4	30,497	3/4	20,088	3/4	9,677	3/4	141	3/4		3/4		3/4	
10	61,516	10	51,104	10	40,692	10	30,280	10	19,871	10	9,460	10	78	10		10		10	
1/4	61,299	1/4	50,887	1/4	40,475	1/4	30,063	1/4	19,654	1/4	9,243	1/4		1/4		1/4		1/4	
1/2	61,082	1/2	50,670	1/2	40,258	1/2	29,847	1/2	19,438	1/2	9,026	1/2		1/2		1/2		1/2	
3/4	60,865	3/4	50,453	3/4	40,041	3/4	29,630	3/4	19,221	3/4	8,809	3/4		3/4		3/4		3/4	
11	60,648	11	50,236	11	39,824	11	29,413	11	19,004	11	8,592	11		11		11		11	
1/4	60,431	1/4	50,019	1/4	39,607	1/4	29,196	1/4	18,787	1/4	8,375	1/4		1/4		1/4		1/4	
1/2	60,215	1/2	49,802	1/2	39,390	1/2	28,979	1/2	18,570	1/2	8,158	1/2		1/2		1/2		1/2	
3/4	59,998	3/4	49,585	3/4	39,173	3/4	28,762	3/4	18,353	3/4	7,941	3/4		3/4		3/4		3/4	

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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

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