



BARGE "CBC 1336"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 CENTER IS - 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

August 11, 2011

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



BARGE "CBC 1336"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,105	0	18,912	0	29,569	0	40,255	0	51,035	0	61,814	0	72,570	0	83,328	0	94,111
1/4	58	1/4	8,330	1/4	19,138	1/4	29,788	1/4	40,480	1/4	51,259	1/4	62,038	1/4	72,793	1/4	83,553	1/4	94,335
1/2	77	1/2	8,555	1/2	19,363	1/2	30,007	1/2	40,704	1/2	51,484	1/2	62,263	1/2	73,016	1/2	83,777	1/2	94,560
3/4	96	3/4	8,781	3/4	19,588	3/4	30,225	3/4	40,929	3/4	51,708	3/4	62,488	3/4	73,240	3/4	84,002	3/4	94,784
1	114	1	9,006	1	19,813	1	30,444	1	41,154	1	51,933	1	62,712	1	73,463	1	84,226	1	95,009
1/4	171	1/4	9,231	1/4	20,038	1/4	30,663	1/4	41,378	1/4	52,157	1/4	62,937	1/4	73,686	1/4	84,451	1/4	95,234
1/2	227	1/2	9,456	1/2	20,263	1/2	30,882	1/2	41,603	1/2	52,382	1/2	63,161	1/2	73,909	1/2	84,676	1/2	95,458
3/4	283	3/4	9,681	3/4	20,488	3/4	31,100	3/4	41,827	3/4	52,607	3/4	63,386	3/4	74,133	3/4	84,900	3/4	95,683
2	340	2	9,906	2	20,714	2	31,319	2	42,052	2	52,831	2	63,610	2	74,356	2	85,125	2	95,908
1/4	433	1/4	10,131	1/4	20,939	1/4	31,538	1/4	42,276	1/4	53,056	1/4	63,835	1/4	74,579	1/4	85,350	1/4	96,132
1/2	527	1/2	10,357	1/2	21,164	1/2	31,757	1/2	42,501	1/2	53,280	1/2	64,060	1/2	74,802	1/2	85,574	1/2	96,357
3/4	621	3/4	10,582	3/4	21,389	3/4	31,975	3/4	42,726	3/4	53,505	3/4	64,284	3/4	75,025	3/4	85,799	3/4	96,582
3	715	3	10,807	3	21,614	3	32,194	3	42,950	3	53,729	3	64,509	3	75,249	3	86,024	3	96,806
1/4	846	1/4	11,032	1/4	21,839	1/4	32,413	1/4	43,175	1/4	53,954	1/4	64,733	1/4	75,472	1/4	86,248	1/4	97,031
1/2	977	1/2	11,257	1/2	22,065	1/2	32,632	1/2	43,399	1/2	54,179	1/2	64,958	1/2	75,695	1/2	86,473	1/2	97,256
3/4	1,109	3/4	11,482	3/4	22,290	3/4	32,850	3/4	43,624	3/4	54,403	3/4	65,182	3/4	75,918	3/4	86,697	3/4	97,480
4	1,240	4	11,708	4	22,515	4	33,069	4	43,848	4	54,628	4	65,407	4	76,141	4	86,922	4	97,705
1/4	1,409	1/4	11,933	1/4	22,740	1/4	33,294	1/4	44,073	1/4	54,852	1/4	65,632	1/4	76,365	1/4	87,147	1/4	97,929
1/2	1,578	1/2	12,158	1/2	22,965	1/2	33,518	1/2	44,297	1/2	55,077	1/2	65,856	1/2	76,589	1/2	87,371	1/2	98,154
3/4	1,747	3/4	12,383	3/4	23,190	3/4	33,743	3/4	44,522	3/4	55,301	3/4	66,081	3/4	76,813	3/4	87,596	3/4	98,379
5	1,915	5	12,608	5	23,415	5	33,967	5	44,747	5	55,526	5	66,305	5	77,037	5	87,821	5	98,603
1/4	2,121	1/4	12,833	1/4	23,641	1/4	34,192	1/4	44,971	1/4	55,751	1/4	66,530	1/4	77,262	1/4	88,045	1/4	98,828
1/2	2,327	1/2	13,058	1/2	23,866	1/2	34,416	1/2	45,196	1/2	55,975	1/2	66,754	1/2	77,486	1/2	88,270	1/2	99,053
3/4	2,533	3/4	13,284	3/4	24,091	3/4	34,641	3/4	45,420	3/4	56,200	3/4	66,979	3/4	77,711	3/4	88,495	3/4	99,277
6	2,738	6	13,509	6	24,316	6	34,866	6	45,645	6	56,424	6	67,204	6	77,936	6	88,719	6	99,502
1/4	2,959	1/4	13,734	1/4	24,535	1/4	35,090	1/4	45,869	1/4	56,649	1/4	67,428	1/4	78,160	1/4	88,944	1/4	99,727
1/2	3,180	1/2	13,959	1/2	24,754	1/2	35,315	1/2	46,094	1/2	56,873	1/2	67,652	1/2	78,385	1/2	89,169	1/2	99,951
3/4	3,400	3/4	14,184	3/4	24,973	3/4	35,539	3/4	46,319	3/4	57,098	3/4	67,875	3/4	78,610	3/4	89,393	3/4	100,176
7	3,621	7	14,409	7	25,193	7	35,764	7	46,543	7	57,323	7	68,099	7	78,834	7	89,618	7	100,400
1/4	3,844	1/4	14,635	1/4	25,412	1/4	35,988	1/4	46,768	1/4	57,547	1/4	68,323	1/4	79,059	1/4	89,842	1/4	100,625
1/2	4,066	1/2	14,860	1/2	25,631	1/2	36,213	1/2	46,992	1/2	57,772	1/2	68,547	1/2	79,284	1/2	90,067	1/2	100,850
3/4	4,289	3/4	15,085	3/4	25,850	3/4	36,438	3/4	47,217	3/4	57,996	3/4	68,771	3/4	79,509	3/4	90,292	3/4	101,074
8	4,512	8	15,310	8	26,069	8	36,662	8	47,441	8	58,221	8	68,995	8	79,733	8	90,516	8	101,299
1/4	4,735	1/4	15,535	1/4	26,288	1/4	36,887	1/4	47,666	1/4	58,445	1/4	69,219	1/4	79,958	1/4	90,741	1/4	101,524
1/2	4,959	1/2	15,760	1/2	26,507	1/2	37,111	1/2	47,891	1/2	58,670	1/2	69,443	1/2	80,183	1/2	90,966	1/2	101,748
3/4	5,183	3/4	15,985	3/4	26,725	3/4	37,336	3/4	48,115	3/4	58,894	3/4	69,667	3/4	80,407	3/4	91,190	3/4	101,973
9	5,407	9	16,211	9	26,944	9	37,560	9	48,340	9	59,119	9	69,891	9	80,632	9	91,415	9	102,198
1/4	5,631	1/4	16,436	1/4	27,163	1/4	37,785	1/4	48,564	1/4	59,344	1/4	70,115	1/4	80,857	1/4	91,640	1/4	102,422
1/2	5,856	1/2	16,661	1/2	27,382	1/2	38,010	1/2	48,789	1/2	59,568	1/2	70,338	1/2	81,081	1/2	91,864	1/2	102,647
3/4	6,080	3/4	16,886	3/4	27,600	3/4	38,234	3/4	49,013	3/4	59,793	3/4	70,561	3/4	81,306	3/4	92,089	3/4	102,871
10	6,305	10	17,111	10	27,819	10	38,459	10	49,238	10	60,017	10	70,784	10	81,531	10	92,313	10	103,096
1/4	6,530	1/4	17,336	1/4	28,038	1/4	38,683	1/4	49,463	1/4	60,242	1/4	71,007	1/4	81,755	1/4	92,538	1/4	103,321
1/2	6,755	1/2	17,562	1/2	28,257	1/2	38,908	1/2	49,687	1/2	60,466	1/2	71,231	1/2	81,980	1/2	92,763	1/2	103,545
3/4	6,980	3/4	17,787	3/4	28,475	3/4	39,132	3/4	49,912	3/4	60,691	3/4	71,454	3/4	82,205	3/4	92,987	3/4	103,770
11	7,205	11	18,012	11	28,694	11	39,357	11	50,136	11	60,916	11	71,677	11	82,429	11	93,212	11	103,995
1/4	7,430	1/4	18,237	1/4	28,913	1/4	39,582	1/4	50,361	1/4	61,140	1/4	71,900	1/4	82,654	1/4	93,437	1/4	104,219
1/2	7,655	1/2	18,462	1/2	29,132	1/2	39,806	1/2	50,585	1/2	61,365	1/2	72,124	1/2	82,879	1/2	93,661	1/2	104,444
3/4	7,880	3/4	18,687	3/4	29,350	3/4	40,031	3/4	50,810	3/4	61,589	3/4	72,347	3/4	83,103	3/4	93,886	3/4	104,669

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1336"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,893	0	115,011	0	124,487	0	133,921	0	143,339	0		0		0		0		0	
1/4	105,118	1/4	115,209	1/4	124,684	1/4	134,118	1/4	143,534	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,342	1/2	115,406	1/2	124,881	1/2	134,315	1/2	143,728	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,566	3/4	115,604	3/4	125,078	3/4	134,512	3/4	143,923	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,791	1	115,801	1	125,275	1	134,709	1	144,118	1	1	1	1	1	1	1	1	1	1
1/4	106,015	1/4	115,998	1/4	125,472	1/4	134,906	1/4	144,313	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,240	1/2	116,196	1/2	125,669	1/2	135,103	1/2	144,508	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,464	3/4	116,393	3/4	125,866	3/4	135,299	3/4	144,702	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,688	2	116,591	2	126,062	2	135,496	2	144,897	2	2	2	2	2	2	2	2	2	2
1/4	106,913	1/4	116,788	1/4	126,259	1/4	135,693	1/4	145,101	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,137	1/2	116,986	1/2	126,456	1/2	135,890	1/2	145,305	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,362	3/4	117,183	3/4	126,653	3/4	136,087	3/4	145,508	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,586	3	117,380	3	126,850	3	136,284	3	145,712	3	3	3	3	3	3	3	3	3	3
1/4	107,810	1/4	117,578	1/4	127,047	1/4	136,481	1/4	145,878	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,035	1/2	117,775	1/2	127,244	1/2	136,678	1/2	146,045	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,259	3/4	117,973	3/4	127,441	3/4	136,875	3/4	146,211	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,483	4	118,170	4	127,638	4	137,071	4	146,377	4	4	4	4	4	4	4	4	4	4
1/4	108,708	1/4	118,367	1/4	127,834	1/4	137,268	1/4	146,506	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,932	1/2	118,565	1/2	128,031	1/2	137,465	1/2	146,634	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,157	3/4	118,762	3/4	128,228	3/4	137,662	3/4	146,763	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,381	5	118,960	5	128,425	5	137,859	5	146,892	5	5	5	5	5	5	5	5	5	5
1/4	109,605	1/4	119,157	1/4	128,622	1/4	138,056	1/4	146,983	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,830	1/2	119,355	1/2	128,819	1/2	138,253	1/2	147,074	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,054	3/4	119,552	3/4	129,016	3/4	138,450	3/4	147,165	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,279	6	119,749	6	129,213	6	138,647	6	147,256	6	6	6	6	6	6	6	6	6	6
1/4	110,476	1/4	119,947	1/4	129,409	1/4	138,843	1/4	147,310	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,673	1/2	120,144	1/2	129,605	1/2	139,040	1/2	147,364	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,870	3/4	120,342	3/4	129,801	3/4	139,237	3/4	147,417	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	111,067	7	120,539	7	129,997	7	139,434	7	147,471	7	7	7	7	7	7	7	7	7	7
1/4	111,265	1/4	120,736	1/4	130,194	1/4	139,631	1/4	147,487	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,462	1/2	120,934	1/2	130,390	1/2	139,828	1/2	147,503	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,659	3/4	121,131	3/4	130,586	3/4	140,025	3/4	147,519	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,856	8	121,329	8	130,782	8	140,222	8	147,535	8	8	8	8	8	8	8	8	8	8
1/4	112,053	1/4	121,526	1/4	130,978	1/4	140,416	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,251	1/2	121,723	1/2	131,175	1/2	140,611	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,448	3/4	121,921	3/4	131,371	3/4	140,806	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,645	9	122,118	9	131,567	9	141,001	9		9	9	9	9	9	9	9	9	9	9
1/4	112,842	1/4	122,316	1/4	131,763	1/4	141,196	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,039	1/2	122,513	1/2	131,959	1/2	141,391	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,237	3/4	122,711	3/4	132,156	3/4	141,585	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,434	10	122,908	10	132,352	10	141,780	10		10	10	10	10	10	10	10	10	10	10
1/4	113,631	1/4	123,105	1/4	132,548	1/4	141,975	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,828	1/2	123,303	1/2	132,744	1/2	142,170	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,025	3/4	123,500	3/4	132,940	3/4	142,365	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,223	11	123,698	11	133,136	11	142,559	11		11	11	11	11	11	11	11	11	11	11
1/4	114,420	1/4	123,895	1/4	133,333	1/4	142,754	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,617	1/2	124,092	1/2	133,529	1/2	142,949	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,814	3/4	124,290	3/4	133,725	3/4	143,144	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2011 CL - SW
CALCULATED: 08/11/2011 CL
PRINTED: 08/11/2011 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2011

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



BARGE "CBC 1336"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,053	0	21,131	0	33,061	0	44,992	0	57,070	0	69,147	0	81,225	0	93,303	0	105,379
1/4	60	1/4	9,305	1/4	21,382	1/4	33,305	1/4	45,244	1/4	57,321	1/4	69,399	1/4	81,477	1/4	93,554	1/4	105,630
1/2	81	1/2	9,556	1/2	21,634	1/2	33,549	1/2	45,495	1/2	57,573	1/2	69,651	1/2	81,728	1/2	93,806	1/2	105,882
3/4	102	3/4	9,808	3/4	21,885	3/4	33,794	3/4	45,747	3/4	57,824	3/4	69,902	3/4	81,980	3/4	94,058	3/4	106,133
1	123	1	10,060	1	22,137	1	34,038	1	45,998	1	58,076	1	70,154	1	82,232	1	94,309	1	106,385
1/4	186	1/4	10,311	1/4	22,389	1/4	34,282	1/4	46,250	1/4	58,328	1/4	70,405	1/4	82,483	1/4	94,561	1/4	106,636
1/2	249	1/2	10,563	1/2	22,640	1/2	34,526	1/2	46,502	1/2	58,579	1/2	70,657	1/2	82,735	1/2	94,812	1/2	106,888
3/4	312	3/4	10,815	3/4	22,892	3/4	34,770	3/4	46,753	3/4	58,831	3/4	70,909	3/4	82,986	3/4	95,064	3/4	107,140
2	375	2	11,066	2	23,143	2	35,015	2	47,005	2	59,083	2	71,160	2	83,238	2	95,315	2	107,391
1/4	480	1/4	11,318	1/4	23,395	1/4	35,259	1/4	47,256	1/4	59,334	1/4	71,412	1/4	83,490	1/4	95,567	1/4	107,643
1/2	584	1/2	11,569	1/2	23,647	1/2	35,503	1/2	47,508	1/2	59,586	1/2	71,664	1/2	83,741	1/2	95,819	1/2	107,894
3/4	689	3/4	11,821	3/4	23,898	3/4	35,747	3/4	47,760	3/4	59,837	3/4	71,915	3/4	83,993	3/4	96,070	3/4	108,146
3	794	3	12,073	3	24,150	3	35,991	3	48,011	3	60,089	3	72,167	3	84,245	3	96,322	3	108,397
1/4	941	1/4	12,324	1/4	24,401	1/4	36,236	1/4	48,263	1/4	60,341	1/4	72,418	1/4	84,496	1/4	96,573	1/4	108,649
1/2	1,088	1/2	12,576	1/2	24,653	1/2	36,480	1/2	48,515	1/2	60,592	1/2	72,670	1/2	84,748	1/2	96,825	1/2	108,901
3/4	1,234	3/4	12,827	3/4	24,905	3/4	36,724	3/4	48,766	3/4	60,844	3/4	72,922	3/4	84,999	3/4	97,076	3/4	109,152
4	1,381	4	13,079	4	25,156	4	36,968	4	49,018	4	61,096	4	73,173	4	85,251	4	97,328	4	109,404
1/4	1,570	1/4	13,331	1/4	25,408	1/4	37,213	1/4	49,269	1/4	61,347	1/4	73,425	1/4	85,503	1/4	97,580	1/4	109,655
1/2	1,759	1/2	13,582	1/2	25,660	1/2	37,457	1/2	49,521	1/2	61,599	1/2	73,677	1/2	85,754	1/2	97,831	1/2	109,907
3/4	1,947	3/4	13,834	3/4	25,911	3/4	37,702	3/4	49,773	3/4	61,850	3/4	73,928	3/4	86,006	3/4	98,083	3/4	110,158
5	2,136	5	14,085	5	26,163	5	37,947	5	50,024	5	62,102	5	74,180	5	86,258	5	98,334	5	110,410
1/4	2,366	1/4	14,337	1/4	26,414	1/4	38,198	1/4	50,276	1/4	62,354	1/4	74,431	1/4	86,509	1/4	98,586	1/4	110,662
1/2	2,596	1/2	14,589	1/2	26,666	1/2	38,450	1/2	50,528	1/2	62,605	1/2	74,683	1/2	86,761	1/2	98,838	1/2	110,913
3/4	2,826	3/4	14,840	3/4	26,918	3/4	38,701	3/4	50,779	3/4	62,857	3/4	74,935	3/4	87,012	3/4	99,089	3/4	111,165
6	3,056	6	15,092	6	27,169	6	38,953	6	51,031	6	63,109	6	75,186	6	87,264	6	99,341	6	111,416
1/4	3,302	1/4	15,344	1/4	27,421	1/4	39,205	1/4	51,282	1/4	63,360	1/4	75,438	1/4	87,516	1/4	99,592	1/4	111,668
1/2	3,549	1/2	15,595	1/2	27,672	1/2	39,456	1/2	51,534	1/2	63,612	1/2	75,689	1/2	87,767	1/2	99,844	1/2	111,919
3/4	3,796	3/4	15,847	3/4	27,924	3/4	39,708	3/4	51,786	3/4	63,863	3/4	75,941	3/4	88,019	3/4	100,095	3/4	112,171
7	4,042	7	16,098	7	28,176	7	39,960	7	52,037	7	64,115	7	76,193	7	88,270	7	100,347	7	112,423
1/4	4,291	1/4	16,350	1/4	28,420	1/4	40,211	1/4	52,289	1/4	64,367	1/4	76,444	1/4	88,522	1/4	100,599	1/4	112,674
1/2	4,540	1/2	16,602	1/2	28,665	1/2	40,463	1/2	52,540	1/2	64,618	1/2	76,696	1/2	88,774	1/2	100,850	1/2	112,926
3/4	4,789	3/4	16,853	3/4	28,909	3/4	40,714	3/4	52,792	3/4	64,870	3/4	76,948	3/4	89,025	3/4	101,102	3/4	113,177
8	5,037	8	17,105	8	29,154	8	40,966	8	53,044	8	65,121	8	77,199	8	89,277	8	101,353	8	113,429
1/4	5,288	1/4	17,356	1/4	29,398	1/4	41,218	1/4	53,295	1/4	65,373	1/4	77,451	1/4	89,529	1/4	101,605	1/4	113,681
1/2	5,538	1/2	17,608	1/2	29,642	1/2	41,469	1/2	53,547	1/2	65,625	1/2	77,702	1/2	89,780	1/2	101,856	1/2	113,932
3/4	5,788	3/4	17,860	3/4	29,886	3/4	41,721	3/4	53,799	3/4	65,876	3/4	77,954	3/4	90,032	3/4	102,108	3/4	114,184
9	6,038	9	18,111	9	30,131	9	41,972	9	54,050	9	66,128	9	78,206	9	90,283	9	102,360	9	114,435
1/4	6,289	1/4	18,363	1/4	30,375	1/4	42,224	1/4	54,302	1/4	66,380	1/4	78,457	1/4	90,535	1/4	102,611	1/4	114,687
1/2	6,540	1/2	18,614	1/2	30,619	1/2	42,476	1/2	54,553	1/2	66,631	1/2	78,709	1/2	90,787	1/2	102,863	1/2	114,938
3/4	6,790	3/4	18,866	3/4	30,863	3/4	42,727	3/4	54,805	3/4	66,883	3/4	78,961	3/4	91,038	3/4	103,114	3/4	115,190
10	7,041	10	19,118	10	31,107	10	42,979	10	55,057	10	67,134	10	79,210	10	91,290	10	103,366	10	115,442
1/4	7,293	1/4	19,369	1/4	31,352	1/4	43,231	1/4	55,308	1/4	67,386	1/4	79,464	1/4	91,542	1/4	103,617	1/4	115,693
1/2	7,544	1/2	19,621	1/2	31,596	1/2	43,482	1/2	55,560	1/2	67,638	1/2	79,715	1/2	91,793	1/2	103,869	1/2	115,945
3/4	7,796	3/4	19,873	3/4	31,840	3/4	43,734	3/4	55,812	3/4	67,889	3/4	79,967	3/4	92,045	3/4	104,121	3/4	116,196
11	8,047	11	20,124	11	32,084	11	43,985	11	56,063	11	68,141	11	80,219	11	92,296	11	104,372	11	116,448
1/4	8,298	1/4	20,376	1/4	32,328	1/4	44,237	1/4	56,315	1/4	68,393	1/4	80,470	1/4	92,548	1/4	104,624	1/4	116,699
1/2	8,550	1/2	20,627	1/2	32,573	1/2	44,489	1/2	56,566	1/2	68,644	1/2	80,722	1/2	92,800	1/2	104,875	1/2	116,951
3/4	8,802	3/4	20,879	3/4	32,817	3/4	44,740	3/4	56,818	3/4	68,896	3/4	80,973	3/4	93,051	3/4	105,127	3/4	117,203

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1336"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,454	0	129,530	0	141,605	0	153,614	0	165,586	0		0		0		0		0	
1/4	117,706	1/4	129,781	1/4	141,856	1/4	153,864	1/4	165,833	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,957	1/2	130,033	1/2	142,106	1/2	154,114	1/2	166,081	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,209	3/4	130,285	3/4	142,356	3/4	154,365	3/4	166,329	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,460	1	130,536	1	142,606	1	154,615	1	166,577	1	1	1	1	1	1	1	1	1	1
1/4	118,712	1/4	130,788	1/4	142,856	1/4	154,865	1/4	166,825	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,964	1/2	131,039	1/2	143,107	1/2	155,115	1/2	167,073	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,215	3/4	131,291	3/4	143,357	3/4	155,365	3/4	167,321	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,467	2	131,542	2	143,607	2	155,615	2	167,568	2	2	2	2	2	2	2	2	2	2
1/4	119,718	1/4	131,794	1/4	143,857	1/4	155,866	1/4	167,795	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,970	1/2	132,046	1/2	144,107	1/2	156,116	1/2	168,022	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,221	3/4	132,297	3/4	144,357	3/4	156,366	3/4	168,249	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,473	3	132,549	3	144,608	3	156,616	3	168,476	3	3	3	3	3	3	3	3	3	3
1/4	120,725	1/4	132,800	1/4	144,858	1/4	156,866	1/4	168,661	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,976	1/2	133,052	1/2	145,108	1/2	157,116	1/2	168,846	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,228	3/4	133,303	3/4	145,358	3/4	157,367	3/4	169,031	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,479	4	133,555	4	145,608	4	157,617	4	169,216	4	4	4	4	4	4	4	4	4	4
1/4	121,731	1/4	133,807	1/4	145,858	1/4	157,867	1/4	169,359	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,983	1/2	134,058	1/2	146,109	1/2	158,117	1/2	169,502	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,234	3/4	134,310	3/4	146,359	3/4	158,367	3/4	169,645	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,486	5	134,561	5	146,609	5	158,618	5	169,788	5	5	5	5	5	5	5	5	5	5
1/4	122,737	1/4	134,813	1/4	146,859	1/4	158,868	1/4	169,889	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,989	1/2	135,064	1/2	147,109	1/2	159,118	1/2	169,990	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,240	3/4	135,316	3/4	147,360	3/4	159,368	3/4	170,091	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,492	6	135,568	6	147,610	6	159,618	6	170,192	6	6	6	6	6	6	6	6	6	6
1/4	123,744	1/4	135,819	1/4	147,860	1/4	159,868	1/4	170,251	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,995	1/2	136,071	1/2	148,110	1/2	160,119	1/2	170,311	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,247	3/4	136,322	3/4	148,360	3/4	160,369	3/4	170,370	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,498	7	136,574	7	148,610	7	160,619	7	170,429	7	7	7	7	7	7	7	7	7	7
1/4	124,750	1/4	136,826	1/4	148,861	1/4	160,869	1/4	170,446	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,001	1/2	137,077	1/2	149,111	1/2	161,119	1/2	170,463	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,253	3/4	137,329	3/4	149,361	3/4	161,370	3/4	170,481	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,505	8	137,580	8	149,611	8	161,620	8	170,498	8	8	8	8	8	8	8	8	8	8
1/4	125,756	1/4	137,832	1/4	149,861	1/4	161,868	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,008	1/2	138,083	1/2	150,112	1/2	162,115	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,259	3/4	138,335	3/4	150,362	3/4	162,363	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,511	9	138,587	9	150,612	9	162,611	9		9	9	9	9	9	9	9	9	9	9
1/4	126,762	1/4	138,838	1/4	150,862	1/4	162,859	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,014	1/2	139,090	1/2	151,112	1/2	163,107	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,266	3/4	139,341	3/4	151,362	3/4	163,355	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,517	10	139,593	10	151,613	10	163,603	10		10	10	10	10	10	10	10	10	10	10
1/4	127,769	1/4	139,844	1/4	151,863	1/4	163,850	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,020	1/2	140,096	1/2	152,113	1/2	164,098	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,272	3/4	140,348	3/4	152,363	3/4	164,346	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,524	11	140,599	11	152,613	11	164,594	11		11	11	11	11	11	11	11	11	11	11
1/4	128,775	1/4	140,851	1/4	152,863	1/4	164,842	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,027	1/2	141,102	1/2	153,114	1/2	165,090	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,278	3/4	141,354	3/4	153,364	3/4	165,338	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2011 CL - SW
CALCULATED: 08/11/2011 CL
PRINTED: 08/11/2011 CL

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ALL PRIOR TO 08/2011

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<http://www.pmacorp.net>



BARGE "CBC 1336"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,032	0	18,741	0	29,435	0	40,133	0	50,842	0	61,552	0	72,261	0	82,970	0	93,678
1/4	58	1/4	8,255	1/4	18,964	1/4	29,658	1/4	40,356	1/4	51,066	1/4	61,775	1/4	72,484	1/4	83,193	1/4	93,901
1/2	76	1/2	8,478	1/2	19,187	1/2	29,880	1/2	40,579	1/2	51,289	1/2	61,998	1/2	72,707	1/2	83,416	1/2	94,124
3/4	95	3/4	8,701	3/4	19,410	3/4	30,103	3/4	40,803	3/4	51,512	3/4	62,221	3/4	72,930	3/4	83,640	3/4	94,347
1	114	1	8,924	1	19,633	1	30,325	1	41,026	1	51,735	1	62,444	1	73,153	1	83,863	1	94,570
1/4	169	1/4	9,147	1/4	19,856	1/4	30,547	1/4	41,249	1/4	51,958	1/4	62,667	1/4	73,377	1/4	84,086	1/4	94,793
1/2	225	1/2	9,370	1/2	20,079	1/2	30,770	1/2	41,472	1/2	52,181	1/2	62,890	1/2	73,600	1/2	84,309	1/2	95,016
3/4	281	3/4	9,594	3/4	20,302	3/4	30,992	3/4	41,695	3/4	52,404	3/4	63,114	3/4	73,823	3/4	84,532	3/4	95,239
2	337	2	9,817	2	20,525	2	31,215	2	41,918	2	52,627	2	63,337	2	74,046	2	84,755	2	95,462
1/4	430	1/4	10,040	1/4	20,749	1/4	31,437	1/4	42,141	1/4	52,850	1/4	63,560	1/4	74,269	1/4	84,978	1/4	95,685
1/2	523	1/2	10,263	1/2	20,972	1/2	31,659	1/2	42,364	1/2	53,074	1/2	63,783	1/2	74,492	1/2	85,201	1/2	95,908
3/4	616	3/4	10,486	3/4	21,195	3/4	31,882	3/4	42,587	3/4	53,297	3/4	64,006	3/4	74,715	3/4	85,424	3/4	96,132
3	708	3	10,709	3	21,418	3	32,104	3	42,811	3	53,520	3	64,229	3	74,938	3	85,647	3	96,355
1/4	839	1/4	10,932	1/4	21,641	1/4	32,326	1/4	43,034	1/4	53,743	1/4	64,452	1/4	75,161	1/4	85,870	1/4	96,578
1/2	969	1/2	11,155	1/2	21,864	1/2	32,549	1/2	43,257	1/2	53,966	1/2	64,675	1/2	75,385	1/2	86,093	1/2	96,801
3/4	1,099	3/4	11,378	3/4	22,087	3/4	32,771	3/4	43,480	3/4	54,189	3/4	64,898	3/4	75,608	3/4	86,316	3/4	97,024
4	1,229	4	11,601	4	22,310	4	32,994	4	43,703	4	54,412	4	65,121	4	75,831	4	86,539	4	97,247
1/4	1,396	1/4	11,825	1/4	22,533	1/4	33,217	1/4	43,926	1/4	54,635	1/4	65,345	1/4	76,054	1/4	86,763	1/4	97,470
1/2	1,564	1/2	12,048	1/2	22,757	1/2	33,440	1/2	44,149	1/2	54,858	1/2	65,568	1/2	76,277	1/2	86,986	1/2	97,693
3/4	1,731	3/4	12,271	3/4	22,980	3/4	33,663	3/4	44,372	3/4	55,082	3/4	65,791	3/4	76,500	3/4	87,209	3/4	97,916
5	1,898	5	12,494	5	23,203	5	33,886	5	44,595	5	55,305	5	66,014	5	76,723	5	87,432	5	98,139
1/4	2,102	1/4	12,717	1/4	23,426	1/4	34,109	1/4	44,818	1/4	55,528	1/4	66,237	1/4	76,946	1/4	87,655	1/4	98,362
1/2	2,306	1/2	12,940	1/2	23,649	1/2	34,332	1/2	45,042	1/2	55,751	1/2	66,460	1/2	77,169	1/2	87,878	1/2	98,585
3/4	2,510	3/4	13,163	3/4	23,872	3/4	34,555	3/4	45,265	3/4	55,974	3/4	66,683	3/4	77,393	3/4	88,101	3/4	98,808
6	2,714	6	13,386	6	24,095	6	34,779	6	45,488	6	56,197	6	66,906	6	77,616	6	88,324	6	99,031
1/4	2,933	1/4	13,609	1/4	24,318	1/4	35,002	1/4	45,711	1/4	56,420	1/4	67,129	1/4	77,839	1/4	88,547	1/4	99,255
1/2	3,151	1/2	13,832	1/2	24,541	1/2	35,225	1/2	45,934	1/2	56,643	1/2	67,353	1/2	78,062	1/2	88,770	1/2	99,478
3/4	3,370	3/4	14,056	3/4	24,763	3/4	35,448	3/4	46,157	3/4	56,866	3/4	67,576	3/4	78,285	3/4	88,993	3/4	99,701
7	3,589	7	14,279	7	24,986	7	35,671	7	46,380	7	57,090	7	67,799	7	78,508	7	89,216	7	99,924
1/4	3,809	1/4	14,502	1/4	25,209	1/4	35,894	1/4	46,603	1/4	57,313	1/4	68,022	1/4	78,731	1/4	89,439	1/4	100,147
1/2	4,030	1/2	14,725	1/2	25,432	1/2	36,117	1/2	46,826	1/2	57,536	1/2	68,245	1/2	78,954	1/2	89,662	1/2	100,370
3/4	4,250	3/4	14,948	3/4	25,654	3/4	36,340	3/4	47,050	3/4	57,759	3/4	68,468	3/4	79,177	3/4	89,886	3/4	100,593
8	4,471	8	15,171	8	25,877	8	36,563	8	47,273	8	57,982	8	68,691	8	79,401	8	90,109	8	100,816
1/4	4,693	1/4	15,394	1/4	26,099	1/4	36,787	1/4	47,496	1/4	58,205	1/4	68,914	1/4	79,624	1/4	90,332	1/4	101,039
1/2	4,915	1/2	15,617	1/2	26,322	1/2	37,010	1/2	47,719	1/2	58,428	1/2	69,137	1/2	79,847	1/2	90,555	1/2	101,262
3/4	5,136	3/4	15,840	3/4	26,544	3/4	37,233	3/4	47,942	3/4	58,651	3/4	69,361	3/4	80,070	3/4	90,778	3/4	101,485
9	5,358	9	16,063	9	26,767	9	37,456	9	48,165	9	58,874	9	69,584	9	80,293	9	91,001	9	101,708
1/4	5,581	1/4	16,287	1/4	26,989	1/4	37,679	1/4	48,388	1/4	59,098	1/4	69,807	1/4	80,516	1/4	91,224	1/4	101,931
1/2	5,803	1/2	16,510	1/2	27,211	1/2	37,902	1/2	48,611	1/2	59,321	1/2	70,030	1/2	80,739	1/2	91,447	1/2	102,154
3/4	6,025	3/4	16,733	3/4	27,434	3/4	38,125	3/4	48,834	3/4	59,544	3/4	70,253	3/4	80,962	3/4	91,670	3/4	102,378
10	6,248	10	16,956	10	27,656	10	38,348	10	49,058	10	59,767	10	70,476	10	81,185	10	91,893	10	102,601
1/4	6,471	1/4	17,179	1/4	27,879	1/4	38,571	1/4	49,281	1/4	59,990	1/4	70,699	1/4	81,409	1/4	92,116	1/4	102,824
1/2	6,694	1/2	17,402	1/2	28,101	1/2	38,795	1/2	49,504	1/2	60,213	1/2	70,922	1/2	81,632	1/2	92,339	1/2	103,047
3/4	6,917	3/4	17,625	3/4	28,323	3/4	39,018	3/4	49,727	3/4	60,436	3/4	71,145	3/4	81,855	3/4	92,562	3/4	103,270
11	7,140	11	17,848	11	28,546	11	39,241	11	49,950	11	60,659	11	71,369	11	82,078	11	92,785	11	103,493
1/4	7,363	1/4	18,071	1/4	28,768	1/4	39,464	1/4	50,173	1/4	60,882	1/4	71,592	1/4	82,301	1/4	93,009	1/4	103,716
1/2	7,586	1/2	18,294	1/2	28,991	1/2	39,687	1/2	50,396	1/2	61,106	1/2	71,815	1/2	82,524	1/2	93,232	1/2	103,939
3/4	7,809	3/4	18,518	3/4	29,213	3/4	39,910	3/4	50,619	3/4	61,329	3/4	72,038	3/4	82,747	3/4	93,455	3/4	104,162

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 1336"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,385	0	115,093	0	125,800	0	136,449	0	147,065	0		0		0		0		0	
1/4	104,608	1/4	115,316	1/4	126,022	1/4	136,671	1/4	147,285	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,831	1/2	115,539	1/2	126,244	1/2	136,893	1/2	147,504	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,054	3/4	115,762	3/4	126,466	3/4	137,114	3/4	147,724	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,278	1	115,985	1	126,688	1	137,336	1	147,944	1	1	1	1	1	1	1	1	1	1
1/4	105,501	1/4	116,208	1/4	126,909	1/4	137,558	1/4	148,164	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,724	1/2	116,431	1/2	127,131	1/2	137,780	1/2	148,384	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,947	3/4	116,654	3/4	127,353	3/4	138,002	3/4	148,603	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,170	2	116,877	2	127,575	2	138,224	2	148,823	2	2	2	2	2	2	2	2	2	2
1/4	106,393	1/4	117,100	1/4	127,797	1/4	138,446	1/4	149,024	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,616	1/2	117,323	1/2	128,019	1/2	138,667	1/2	149,226	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,839	3/4	117,546	3/4	128,240	3/4	138,889	3/4	149,427	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,062	3	117,770	3	128,462	3	139,111	3	149,628	3	3	3	3	3	3	3	3	3	3
1/4	107,285	1/4	117,993	1/4	128,684	1/4	139,333	1/4	149,792	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,508	1/2	118,216	1/2	128,906	1/2	139,555	1/2	149,956	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,731	3/4	118,439	3/4	129,128	3/4	139,777	3/4	150,120	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	107,954	4	118,662	4	129,350	4	139,998	4	150,284	4	4	4	4	4	4	4	4	4	4
1/4	108,177	1/4	118,885	1/4	129,572	1/4	140,220	1/4	150,411	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,401	1/2	119,108	1/2	129,793	1/2	140,442	1/2	150,538	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,624	3/4	119,331	3/4	130,015	3/4	140,664	3/4	150,665	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,847	5	119,554	5	130,237	5	140,886	5	150,792	5	5	5	5	5	5	5	5	5	5
1/4	109,070	1/4	119,777	1/4	130,459	1/4	141,108	1/4	150,881	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,293	1/2	120,000	1/2	130,681	1/2	141,330	1/2	150,971	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,516	3/4	120,223	3/4	130,903	3/4	141,551	3/4	151,060	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,739	6	120,446	6	131,125	6	141,773	6	151,150	6	6	6	6	6	6	6	6	6	6
1/4	109,962	1/4	120,669	1/4	131,346	1/4	141,995	1/4	151,203	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,185	1/2	120,893	1/2	131,568	1/2	142,217	1/2	151,255	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,408	3/4	121,116	3/4	131,790	3/4	142,439	3/4	151,308	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,631	7	121,339	7	132,012	7	142,661	7	151,360	7	7	7	7	7	7	7	7	7	7
1/4	110,854	1/4	121,562	1/4	132,234	1/4	142,883	1/4	151,375	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,077	1/2	121,785	1/2	132,456	1/2	143,104	1/2	151,391	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,300	3/4	122,008	3/4	132,677	3/4	143,326	3/4	151,406	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,524	8	122,231	8	132,899	8	143,548	8	151,421	8	8	8	8	8	8	8	8	8	8
1/4	111,747	1/4	122,454	1/4	133,121	1/4	143,768	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,970	1/2	122,677	1/2	133,343	1/2	143,988	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,193	3/4	122,900	3/4	133,565	3/4	144,207	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,416	9	123,123	9	133,787	9	144,427	9		9	9	9	9	9	9	9	9	9	9
1/4	112,639	1/4	123,346	1/4	134,009	1/4	144,647	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,862	1/2	123,569	1/2	134,230	1/2	144,867	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,085	3/4	123,793	3/4	134,452	3/4	145,087	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,308	10	124,016	10	134,674	10	145,306	10		10	10	10	10	10	10	10	10	10	10
1/4	113,531	1/4	124,239	1/4	134,896	1/4	145,526	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,754	1/2	124,462	1/2	135,118	1/2	145,746	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,977	3/4	124,685	3/4	135,340	3/4	145,966	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,200	11	124,908	11	135,562	11	146,186	11		11	11	11	11	11	11	11	11	11	11
1/4	114,423	1/4	125,131	1/4	135,783	1/4	146,405	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,647	1/2	125,354	1/2	136,005	1/2	146,625	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,870	3/4	125,577	3/4	136,227	3/4	146,845	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2011 CL - SW
CALCULATED: 08/11/2011 CL
PRINTED: 08/11/2011 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2011

PRECISION MEASUREMENT
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BARGE "CBC 1336"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 CENTER IS 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

August 11, 2011

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588

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BARGE "CBC 1336"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	147,519	0	140,025	0	130,586	0	121,131	0	111,659	0	101,074	0	90,292	0	79,509		
1/4	1/4	1/4	147,503	1/4	139,828	1/4	130,390	1/4	120,934	1/4	111,462	1/4	100,850	1/4	90,067	1/4	79,284		
1/2	1/2	1/2	147,487	1/2	139,631	1/2	130,194	1/2	120,736	1/2	111,265	1/2	100,625	1/2	89,842	1/2	79,059		
3/4	3/4	3/4	147,471	3/4	139,434	3/4	129,997	3/4	120,539	3/4	111,067	3/4	100,400	3/4	89,618	3/4	78,834		
1	1	1	147,417	1	139,237	1	129,801	1	120,342	1	110,870	1	100,176	1	89,393	1	78,610		
1/4	1/4	1/4	147,364	1/4	139,040	1/4	129,605	1/4	120,144	1/4	110,673	1/4	99,951	1/4	89,169	1/4	78,385		
1/2	1/2	1/2	147,310	1/2	138,843	1/2	129,409	1/2	119,947	1/2	110,476	1/2	99,727	1/2	88,944	1/2	78,160		
3/4	3/4	3/4	147,256	3/4	138,647	3/4	129,213	3/4	119,749	3/4	110,279	3/4	99,502	3/4	88,719	3/4	77,936		
2	2	2	147,165	2	138,450	2	129,016	2	119,552	2	110,054	2	99,277	2	88,495	2	77,711		
1/4	1/4	1/4	147,074	1/4	138,253	1/4	128,819	1/4	119,355	1/4	109,830	1/4	99,053	1/4	88,270	1/4	77,486		
1/2	1/2	1/2	146,983	1/2	138,056	1/2	128,622	1/2	119,157	1/2	109,605	1/2	98,828	1/2	88,045	1/2	77,262		
3/4	3/4	3/4	146,892	3/4	137,859	3/4	128,425	3/4	118,960	3/4	109,381	3/4	98,603	3/4	87,821	3/4	77,037		
3	3	3	146,763	3	137,662	3	128,228	3	118,762	3	109,157	3	98,379	3	87,596	3	76,813		
1/4	1/4	1/4	146,634	1/4	137,465	1/4	128,031	1/4	118,565	1/4	108,932	1/4	98,154	1/4	87,371	1/4	76,589		
1/2	1/2	1/2	146,506	1/2	137,268	1/2	127,834	1/2	118,367	1/2	108,708	1/2	97,929	1/2	87,147	1/2	76,365		
3/4	3/4	3/4	146,377	3/4	137,071	3/4	127,638	3/4	118,170	3/4	108,483	3/4	97,705	3/4	86,922	3/4	76,141		
4	4	4	146,211	4	136,875	4	127,441	4	117,973	4	108,259	4	97,480	4	86,697	4	75,918		
1/4	1/4	1/4	146,045	1/4	136,678	1/4	127,244	1/4	117,775	1/4	108,035	1/4	97,256	1/4	86,473	1/4	75,695		
1/2	1/2	1/2	145,878	1/2	136,481	1/2	127,047	1/2	117,578	1/2	107,810	1/2	97,031	1/2	86,248	1/2	75,472		
3/4	3/4	3/4	145,712	3/4	136,284	3/4	126,850	3/4	117,380	3/4	107,586	3/4	96,806	3/4	86,024	3/4	75,249		
5	5	5	145,508	5	136,087	5	126,653	5	117,183	5	107,362	5	96,582	5	85,799	5	75,025		
1/4	1/4	1/4	145,305	1/4	135,890	1/4	126,456	1/4	116,986	1/4	107,137	1/4	96,357	1/4	85,574	1/4	74,802		
1/2	1/2	1/2	145,101	1/2	135,693	1/2	126,259	1/2	116,788	1/2	106,913	1/2	96,132	1/2	85,350	1/2	74,579		
3/4	3/4	3/4	144,897	3/4	135,496	3/4	126,062	3/4	116,591	3/4	106,688	3/4	95,908	3/4	85,125	3/4	74,356		
6	6	6	144,702	6	135,299	6	125,866	6	116,393	6	106,464	6	95,683	6	84,900	6	74,133		
1/4	1/4	1/4	144,508	1/4	135,103	1/4	125,669	1/4	116,196	1/4	106,240	1/4	95,458	1/4	84,676	1/4	73,909		
1/2	1/2	1/2	144,313	1/2	134,906	1/2	125,472	1/2	115,998	1/2	106,015	1/2	95,234	1/2	84,451	1/2	73,686		
3/4	3/4	3/4	144,118	3/4	134,709	3/4	125,275	3/4	115,801	3/4	105,791	3/4	95,009	3/4	84,226	3/4	73,463		
7	7	7	143,923	7	134,512	7	125,078	7	115,604	7	105,566	7	94,784	7	84,002	7	73,240		
1/4	1/4	1/4	143,728	1/4	134,315	1/4	124,881	1/4	115,406	1/4	105,342	1/4	94,560	1/4	83,777	1/4	73,016		
1/2	1/2	1/2	143,534	1/2	134,118	1/2	124,684	1/2	115,209	1/2	105,118	1/2	94,335	1/2	83,553	1/2	72,793		
3/4	3/4	3/4	143,339	3/4	133,921	3/4	124,487	3/4	115,011	3/4	104,893	3/4	94,111	3/4	83,328	3/4	72,570		
8	8	8	143,144	8	133,725	8	124,290	8	114,814	8	104,669	8	93,886	8	83,103	8	72,347		
1/4	1/4	1/4	142,949	1/4	133,529	1/4	124,092	1/4	114,617	1/4	104,444	1/4	93,661	1/4	82,879	1/4	72,124		
1/2	1/2	1/2	142,754	1/2	133,333	1/2	123,895	1/2	114,420	1/2	104,219	1/2	93,437	1/2	82,654	1/2	71,900		
3/4	3/4	3/4	142,559	3/4	133,136	3/4	123,698	3/4	114,223	3/4	103,995	3/4	93,212	3/4	82,429	3/4	71,677		
9	9	9	142,365	9	132,940	9	123,500	9	114,025	9	103,770	9	92,987	9	82,205	9	71,454		
1/4	1/4	1/4	142,170	1/4	132,744	1/4	123,303	1/4	113,828	1/4	103,545	1/4	92,763	1/4	81,980	1/4	71,231		
1/2	1/2	1/2	141,975	1/2	132,548	1/2	123,105	1/2	113,631	1/2	103,321	1/2	92,538	1/2	81,755	1/2	71,007		
3/4	3/4	3/4	141,780	3/4	132,352	3/4	122,908	3/4	113,434	3/4	103,096	3/4	92,313	3/4	81,531	3/4	70,784		
10	10	10	141,585	10	132,156	10	122,711	10	113,237	10	102,871	10	92,089	10	81,306	10	70,561		
1/4	1/4	1/4	141,391	1/4	131,959	1/4	122,513	1/4	113,039	1/4	102,647	1/4	91,864	1/4	81,081	1/4	70,338		
1/2	1/2	1/2	141,196	1/2	131,763	1/2	122,316	1/2	112,842	1/2	102,422	1/2	91,640	1/2	80,857	1/2	70,115		
3/4	3/4	3/4	141,001	3/4	131,567	3/4	122,118	3/4	112,645	3/4	102,198	3/4	91,415	3/4	80,632	3/4	69,891		
11	11	11	140,806	11	131,371	11	121,921	11	112,448	11	101,973	11	91,190	11	80,407	11	69,667		
1/4	1/4	1/4	140,611	1/4	131,175	1/4	121,723	1/4	112,251	1/4	101,748	1/4	90,966	1/4	80,183	1/4	69,443		
1/2	1/2	1/2	140,416	1/2	130,978	1/2	121,526	1/2	112,053	1/2	101,524	1/2	90,741	1/2	79,958	1/2	69,219		
3/4	3/4	3/4	147,535	3/4	140,222	3/4	130,782	3/4	121,329	3/4	111,856	3/4	101,299	3/4	79,733	3/4	68,995		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1336"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,771	0	57,996	0	47,217	0	36,438	0	25,850	0	15,085	0	4,289	0		0		0	
1/4	68,547	1/4	57,772	1/4	46,992	1/4	36,213	1/4	25,631	1/4	14,860	1/4	4,066	1/4	1/4		1/4		1/4
1/2	68,323	1/2	57,547	1/2	46,768	1/2	35,988	1/2	25,412	1/2	14,635	1/2	3,844	1/2	1/2		1/2		1/2
3/4	68,099	3/4	57,323	3/4	46,543	3/4	35,764	3/4	25,193	3/4	14,409	3/4	3,621	3/4	3/4		3/4		3/4
1	67,875	1	57,098	1	46,319	1	35,539	1	24,973	1	14,184	1	3,400	1	1		1		1
1/4	67,652	1/4	56,873	1/4	46,094	1/4	35,315	1/4	24,754	1/4	13,959	1/4	3,180	1/4	1/4		1/4		1/4
1/2	67,428	1/2	56,649	1/2	45,869	1/2	35,090	1/2	24,535	1/2	13,734	1/2	2,959	1/2	1/2		1/2		1/2
3/4	67,204	3/4	56,424	3/4	45,645	3/4	34,866	3/4	24,316	3/4	13,509	3/4	2,738	3/4	3/4		3/4		3/4
2	66,979	2	56,200	2	45,420	2	34,641	2	24,091	2	13,284	2	2,533	2	2		2		2
1/4	66,754	1/4	55,975	1/4	45,196	1/4	34,416	1/4	23,866	1/4	13,058	1/4	2,327	1/4	1/4		1/4		1/4
1/2	66,530	1/2	55,751	1/2	44,971	1/2	34,192	1/2	23,641	1/2	12,833	1/2	2,121	1/2	1/2		1/2		1/2
3/4	66,305	3/4	55,526	3/4	44,747	3/4	33,967	3/4	23,415	3/4	12,608	3/4	1,915	3/4	3/4		3/4		3/4
3	66,081	3	55,301	3	44,522	3	33,743	3	23,190	3	12,383	3	1,747	3	3		3		3
1/4	65,856	1/4	55,077	1/4	44,297	1/4	33,518	1/4	22,965	1/4	12,158	1/4	1,578	1/4	1/4		1/4		1/4
1/2	65,632	1/2	54,852	1/2	44,073	1/2	33,294	1/2	22,740	1/2	11,933	1/2	1,409	1/2	1/2		1/2		1/2
3/4	65,407	3/4	54,628	3/4	43,848	3/4	33,069	3/4	22,515	3/4	11,708	3/4	1,240	3/4	3/4		3/4		3/4
4	65,182	4	54,403	4	43,624	4	32,850	4	22,290	4	11,482	4	1,109	4	4		4		4
1/4	64,958	1/4	54,179	1/4	43,399	1/4	32,632	1/4	22,065	1/4	11,257	1/4	977	1/4	1/4		1/4		1/4
1/2	64,733	1/2	53,954	1/2	43,175	1/2	32,413	1/2	21,839	1/2	11,032	1/2	846	1/2	1/2		1/2		1/2
3/4	64,509	3/4	53,729	3/4	42,950	3/4	32,194	3/4	21,614	3/4	10,807	3/4	715	3/4	3/4		3/4		3/4
5	64,284	5	53,505	5	42,726	5	31,975	5	21,389	5	10,582	5	621	5	5		5		5
1/4	64,060	1/4	53,280	1/4	42,501	1/4	31,757	1/4	21,164	1/4	10,357	1/4	527	1/4	1/4		1/4		1/4
1/2	63,835	1/2	53,056	1/2	42,276	1/2	31,538	1/2	20,939	1/2	10,131	1/2	433	1/2	1/2		1/2		1/2
3/4	63,610	3/4	52,831	3/4	42,052	3/4	31,319	3/4	20,714	3/4	9,906	3/4	340	3/4	3/4		3/4		3/4
6	63,386	6	52,607	6	41,827	6	31,100	6	20,488	6	9,681	6	283	6	6		6		6
1/4	63,161	1/4	52,382	1/4	41,603	1/4	30,882	1/4	20,263	1/4	9,456	1/4	227	1/4	1/4		1/4		1/4
1/2	62,937	1/2	52,157	1/2	41,378	1/2	30,663	1/2	20,038	1/2	9,231	1/2	171	1/2	1/2		1/2		1/2
3/4	62,712	3/4	51,933	3/4	41,154	3/4	30,444	3/4	19,813	3/4	9,006	3/4	114	3/4	3/4		3/4		3/4
7	62,488	7	51,708	7	40,929	7	30,225	7	19,588	7	8,781	7	96	7	7		7		7
1/4	62,263	1/4	51,484	1/4	40,704	1/4	30,007	1/4	19,363	1/4	8,555	1/4	77	1/4	1/4		1/4		1/4
1/2	62,038	1/2	51,259	1/2	40,480	1/2	29,788	1/2	19,138	1/2	8,330	1/2	58	1/2	1/2		1/2		1/2
3/4	61,814	3/4	51,035	3/4	40,255	3/4	29,569	3/4	18,912	3/4	8,105	3/4	39	3/4	3/4		3/4		3/4
8	61,589	8	50,810	8	40,031	8	29,350	8	18,687	8	7,880	8		8	8		8		8
1/4	61,365	1/4	50,585	1/4	39,806	1/4	29,132	1/4	18,462	1/4	7,655	1/4		1/4	1/4		1/4		1/4
1/2	61,140	1/2	50,361	1/2	39,582	1/2	28,913	1/2	18,237	1/2	7,430	1/2		1/2	1/2		1/2		1/2
3/4	60,916	3/4	50,136	3/4	39,357	3/4	28,694	3/4	18,012	3/4	7,205	3/4		3/4	3/4		3/4		3/4
9	60,691	9	49,912	9	39,132	9	28,475	9	17,787	9	6,980	9		9	9		9		9
1/4	60,466	1/4	49,687	1/4	38,908	1/4	28,257	1/4	17,562	1/4	6,755	1/4		1/4	1/4		1/4		1/4
1/2	60,242	1/2	49,463	1/2	38,683	1/2	28,038	1/2	17,336	1/2	6,530	1/2		1/2	1/2		1/2		1/2
3/4	60,017	3/4	49,238	3/4	38,459	3/4	27,819	3/4	17,111	3/4	6,305	3/4		3/4	3/4		3/4		3/4
10	59,793	10	49,013	10	38,234	10	27,600	10	16,886	10	6,080	10		10	10		10		10
1/4	59,568	1/4	48,789	1/4	38,010	1/4	27,382	1/4	16,661	1/4	5,856	1/4		1/4	1/4		1/4		1/4
1/2	59,344	1/2	48,564	1/2	37,785	1/2	27,163	1/2	16,436	1/2	5,631	1/2		1/2	1/2		1/2		1/2
3/4	59,119	3/4	48,340	3/4	37,560	3/4	26,944	3/4	16,211	3/4	5,407	3/4		3/4	3/4		3/4		3/4
11	58,894	11	48,115	11	37,336	11	26,725	11	15,985	11	5,183	11		11	11		11		11
1/4	58,670	1/4	47,891	1/4	37,111	1/4	26,507	1/4	15,760	1/4	4,959	1/4		1/4	1/4		1/4		1/4
1/2	58,445	1/2	47,666	1/2	36,887	1/2	26,288	1/2	15,535	1/2	4,735	1/2		1/2	1/2		1/2		1/2
3/4	58,221	3/4	47,441	3/4	36,662	3/4	26,069	3/4	15,310	3/4	4,512	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2011 CL - SW
CALCULATED: 08/11/2011 CL
PRINTED: 08/11/2011 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2011

PRECISION MEASUREMENT
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BARGE "CBC 1336"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	170,429	0	160,619	0	148,610	0	136,574	0	124,498	0	112,423	0	100,347	0	88,270
1/4		1/4		1/4	170,370	1/4	160,369	1/4	148,360	1/4	136,322	1/4	124,247	1/4	112,171	1/4	100,095	1/4	88,019
1/2		1/2		1/2	170,311	1/2	160,119	1/2	148,110	1/2	136,071	1/2	123,995	1/2	111,919	1/2	99,844	1/2	87,767
3/4		3/4		3/4	170,251	3/4	159,868	3/4	147,860	3/4	135,819	3/4	123,744	3/4	111,668	3/4	99,592	3/4	87,516
1		1		1	170,192	1	159,618	1	147,610	1	135,568	1	123,492	1	111,416	1	99,341	1	87,264
1/4		1/4		1/4	170,091	1/4	159,368	1/4	147,360	1/4	135,316	1/4	123,240	1/4	111,165	1/4	99,089	1/4	87,012
1/2		1/2		1/2	169,990	1/2	159,118	1/2	147,109	1/2	135,064	1/2	122,989	1/2	110,913	1/2	98,838	1/2	86,761
3/4		3/4		3/4	169,889	3/4	158,868	3/4	146,859	3/4	134,813	3/4	122,737	3/4	110,662	3/4	98,586	3/4	86,509
2		2		2	169,788	2	158,618	2	146,609	2	134,561	2	122,486	2	110,410	2	98,334	2	86,258
1/4		1/4		1/4	169,645	1/4	158,367	1/4	146,359	1/4	134,310	1/4	122,234	1/4	110,158	1/4	98,083	1/4	86,006
1/2		1/2		1/2	169,502	1/2	158,117	1/2	146,109	1/2	134,058	1/2	121,983	1/2	109,907	1/2	97,831	1/2	85,754
3/4		3/4		3/4	169,359	3/4	157,867	3/4	145,858	3/4	133,807	3/4	121,731	3/4	109,655	3/4	97,580	3/4	85,503
3		3		3	169,216	3	157,617	3	145,608	3	133,555	3	121,479	3	109,404	3	97,328	3	85,251
1/4		1/4		1/4	169,031	1/4	157,367	1/4	145,358	1/4	133,303	1/4	121,228	1/4	109,152	1/4	97,076	1/4	84,999
1/2		1/2		1/2	168,846	1/2	157,116	1/2	145,108	1/2	133,052	1/2	120,976	1/2	108,901	1/2	96,825	1/2	84,748
3/4		3/4		3/4	168,661	3/4	156,866	3/4	144,858	3/4	132,800	3/4	120,725	3/4	108,649	3/4	96,573	3/4	84,496
4		4		4	168,476	4	156,616	4	144,608	4	132,549	4	120,473	4	108,397	4	96,322	4	84,245
1/4		1/4		1/4	168,249	1/4	156,366	1/4	144,357	1/4	132,297	1/4	120,221	1/4	108,146	1/4	96,070	1/4	83,993
1/2		1/2		1/2	168,022	1/2	156,116	1/2	144,107	1/2	132,046	1/2	119,970	1/2	107,894	1/2	95,819	1/2	83,741
3/4		3/4		3/4	167,795	3/4	155,866	3/4	143,857	3/4	131,794	3/4	119,718	3/4	107,643	3/4	95,567	3/4	83,490
5		5		5	167,568	5	155,615	5	143,607	5	131,542	5	119,467	5	107,391	5	95,315	5	83,238
1/4		1/4		1/4	167,321	1/4	155,365	1/4	143,357	1/4	131,291	1/4	119,215	1/4	107,140	1/4	95,064	1/4	82,986
1/2		1/2		1/2	167,073	1/2	155,115	1/2	143,107	1/2	131,039	1/2	118,964	1/2	106,888	1/2	94,812	1/2	82,735
3/4		3/4		3/4	166,825	3/4	154,865	3/4	142,856	3/4	130,788	3/4	118,712	3/4	106,636	3/4	94,561	3/4	82,483
6		6		6	166,577	6	154,615	6	142,606	6	130,536	6	118,460	6	106,385	6	94,309	6	82,232
1/4		1/4		1/4	166,329	1/4	154,365	1/4	142,356	1/4	130,285	1/4	118,209	1/4	106,133	1/4	94,058	1/4	81,980
1/2		1/2		1/2	166,081	1/2	154,114	1/2	142,106	1/2	130,033	1/2	117,957	1/2	105,882	1/2	93,806	1/2	81,728
3/4		3/4		3/4	165,833	3/4	153,864	3/4	141,856	3/4	129,781	3/4	117,706	3/4	105,630	3/4	93,554	3/4	81,477
7		7		7	165,586	7	153,614	7	141,605	7	129,530	7	117,454	7	105,379	7	93,303	7	81,225
1/4		1/4		1/4	165,338	1/4	153,364	1/4	141,354	1/4	129,278	1/4	117,203	1/4	105,127	1/4	93,051	1/4	80,973
1/2		1/2		1/2	165,090	1/2	153,114	1/2	141,102	1/2	129,027	1/2	116,951	1/2	104,875	1/2	92,800	1/2	80,722
3/4		3/4		3/4	164,842	3/4	152,863	3/4	140,851	3/4	128,775	3/4	116,699	3/4	104,624	3/4	92,548	3/4	80,470
8		8		8	164,594	8	152,613	8	140,599	8	128,524	8	116,448	8	104,372	8	92,296	8	80,219
1/4		1/4		1/4	164,346	1/4	152,363	1/4	140,348	1/4	128,272	1/4	116,196	1/4	104,121	1/4	92,045	1/4	79,967
1/2		1/2		1/2	164,098	1/2	152,113	1/2	140,096	1/2	128,020	1/2	115,945	1/2	103,869	1/2	91,793	1/2	79,715
3/4		3/4		3/4	163,850	3/4	151,863	3/4	139,844	3/4	127,769	3/4	115,693	3/4	103,617	3/4	91,542	3/4	79,464
9		9		9	163,603	9	151,613	9	139,593	9	127,517	9	115,442	9	103,366	9	91,290	9	79,212
1/4		1/4		1/4	163,355	1/4	151,362	1/4	139,341	1/4	127,266	1/4	115,190	1/4	103,114	1/4	91,038	1/4	78,961
1/2		1/2		1/2	163,107	1/2	151,112	1/2	139,090	1/2	127,014	1/2	114,938	1/2	102,863	1/2	90,787	1/2	78,709
3/4		3/4		3/4	162,859	3/4	150,862	3/4	138,838	3/4	126,762	3/4	114,687	3/4	102,611	3/4	90,535	3/4	78,457
10		10		10	162,611	10	150,612	10	138,587	10	126,511	10	114,435	10	102,360	10	90,283	10	78,206
1/4		1/4		1/4	162,363	1/4	150,362	1/4	138,335	1/4	126,259	1/4	114,184	1/4	102,108	1/4	90,032	1/4	77,954
1/2		1/2		1/2	162,115	1/2	150,112	1/2	138,083	1/2	126,008	1/2	113,932	1/2	101,856	1/2	89,780	1/2	77,702
3/4		3/4		3/4	161,868	3/4	149,861	3/4	137,832	3/4	125,756	3/4	113,681	3/4	101,605	3/4	89,529	3/4	77,451
11		11	170,498	11	161,620	11	149,611	11	137,580	11	125,505	11	113,429	11	101,353	11	89,277	11	77,199
1/4		1/4	170,481	1/4	161,370	1/4	149,361	1/4	137,329	1/4	125,253	1/4	113,177	1/4	101,102	1/4	89,025	1/4	76,948
1/2		1/2	170,463	1/2	161,119	1/2	149,111	1/2	137,077	1/2	125,001	1/2	112,926	1/2	100,850	1/2	88,774	1/2	76,696
3/4		3/4	170,446	3/4	160,869	3/4	148,861	3/4	136,826	3/4	124,750	3/4	112,674	3/4	100,599	3/4	88,522	3/4	76,444

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1336"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	76,193	0	64,115	0	52,037	0	39,960	0	28,176	0	16,098	0	4,042	0		0		0	
1/4	75,941	1/4	63,863	1/4	51,786	1/4	39,708	1/4	27,924	1/4	15,847	1/4	3,796	1/4	1/4		1/4		1/4
1/2	75,689	1/2	63,612	1/2	51,534	1/2	39,456	1/2	27,672	1/2	15,595	1/2	3,549	1/2	1/2		1/2		1/2
3/4	75,438	3/4	63,360	3/4	51,282	3/4	39,205	3/4	27,421	3/4	15,344	3/4	3,302	3/4	3/4		3/4		3/4
1	75,186	1	63,109	1	51,031	1	38,953	1	27,169	1	15,092	1	3,056	1	1		1		1
1/4	74,935	1/4	62,857	1/4	50,779	1/4	38,701	1/4	26,918	1/4	14,840	1/4	2,826	1/4	1/4		1/4		1/4
1/2	74,683	1/2	62,605	1/2	50,528	1/2	38,450	1/2	26,666	1/2	14,589	1/2	2,596	1/2	1/2		1/2		1/2
3/4	74,431	3/4	62,354	3/4	50,276	3/4	38,198	3/4	26,414	3/4	14,337	3/4	2,366	3/4	3/4		3/4		3/4
2	74,180	2	62,102	2	50,024	2	37,947	2	26,163	2	14,085	2	2,136	2	2		2		2
1/4	73,928	1/4	61,850	1/4	49,773	1/4	37,702	1/4	25,911	1/4	13,834	1/4	1,947	1/4	1/4		1/4		1/4
1/2	73,677	1/2	61,599	1/2	49,521	1/2	37,457	1/2	25,660	1/2	13,582	1/2	1,759	1/2	1/2		1/2		1/2
3/4	73,425	3/4	61,347	3/4	49,269	3/4	37,213	3/4	25,408	3/4	13,331	3/4	1,570	3/4	3/4		3/4		3/4
3	73,173	3	61,096	3	49,018	3	36,968	3	25,156	3	13,079	3	1,381	3	3		3		3
1/4	72,922	1/4	60,844	1/4	48,766	1/4	36,724	1/4	24,905	1/4	12,827	1/4	1,234	1/4	1/4		1/4		1/4
1/2	72,670	1/2	60,592	1/2	48,515	1/2	36,480	1/2	24,653	1/2	12,576	1/2	1,088	1/2	1/2		1/2		1/2
3/4	72,418	3/4	60,341	3/4	48,263	3/4	36,236	3/4	24,401	3/4	12,324	3/4	941	3/4	3/4		3/4		3/4
4	72,167	4	60,089	4	48,011	4	35,991	4	24,150	4	12,073	4	794	4	4		4		4
1/4	71,915	1/4	59,837	1/4	47,760	1/4	35,747	1/4	23,898	1/4	11,821	1/4	689	1/4	1/4		1/4		1/4
1/2	71,664	1/2	59,586	1/2	47,508	1/2	35,503	1/2	23,647	1/2	11,569	1/2	584	1/2	1/2		1/2		1/2
3/4	71,412	3/4	59,334	3/4	47,256	3/4	35,259	3/4	23,395	3/4	11,318	3/4	480	3/4	3/4		3/4		3/4
5	71,160	5	59,083	5	47,005	5	35,015	5	23,143	5	11,066	5	375	5	5		5		5
1/4	70,909	1/4	58,831	1/4	46,753	1/4	34,770	1/4	22,892	1/4	10,815	1/4	312	1/4	1/4		1/4		1/4
1/2	70,657	1/2	58,579	1/2	46,502	1/2	34,526	1/2	22,640	1/2	10,563	1/2	249	1/2	1/2		1/2		1/2
3/4	70,405	3/4	58,328	3/4	46,250	3/4	34,282	3/4	22,389	3/4	10,311	3/4	186	3/4	3/4		3/4		3/4
6	70,154	6	58,076	6	45,998	6	34,038	6	22,137	6	10,060	6	123	6	6		6		6
1/4	69,902	1/4	57,824	1/4	45,747	1/4	33,794	1/4	21,885	1/4	9,808	1/4	102	1/4	1/4		1/4		1/4
1/2	69,651	1/2	57,573	1/2	45,495	1/2	33,549	1/2	21,634	1/2	9,556	1/2	81	1/2	1/2		1/2		1/2
3/4	69,399	3/4	57,321	3/4	45,244	3/4	33,305	3/4	21,382	3/4	9,305	3/4	60	3/4	3/4		3/4		3/4
7	69,147	7	57,070	7	44,992	7	33,061	7	21,131	7	9,053	7	39	7	7		7		7
1/4	68,896	1/4	56,818	1/4	44,740	1/4	32,817	1/4	20,879	1/4	8,802	1/4		1/4	1/4		1/4		1/4
1/2	68,644	1/2	56,566	1/2	44,489	1/2	32,573	1/2	20,627	1/2	8,550	1/2		1/2	1/2		1/2		1/2
3/4	68,393	3/4	56,315	3/4	44,237	3/4	32,328	3/4	20,376	3/4	8,298	3/4		3/4	3/4		3/4		3/4
8	68,141	8	56,063	8	43,985	8	32,084	8	20,124	8	8,047	8		8	8		8		8
1/4	67,889	1/4	55,812	1/4	43,734	1/4	31,840	1/4	19,873	1/4	7,796	1/4		1/4	1/4		1/4		1/4
1/2	67,638	1/2	55,560	1/2	43,482	1/2	31,596	1/2	19,621	1/2	7,544	1/2		1/2	1/2		1/2		1/2
3/4	67,386	3/4	55,308	3/4	43,231	3/4	31,352	3/4	19,369	3/4	7,293	3/4		3/4	3/4		3/4		3/4
9	67,134	9	55,057	9	42,979	9	31,107	9	19,118	9	7,041	9		9	9		9		9
1/4	66,883	1/4	54,805	1/4	42,727	1/4	30,863	1/4	18,866	1/4	6,790	1/4		1/4	1/4		1/4		1/4
1/2	66,631	1/2	54,553	1/2	42,476	1/2	30,619	1/2	18,614	1/2	6,540	1/2		1/2	1/2		1/2		1/2
3/4	66,380	3/4	54,302	3/4	42,224	3/4	30,375	3/4	18,363	3/4	6,289	3/4		3/4	3/4		3/4		3/4
10	66,128	10	54,050	10	41,972	10	30,131	10	18,111	10	6,038	10		10	10		10		10
1/4	65,876	1/4	53,799	1/4	41,721	1/4	29,886	1/4	17,860	1/4	5,788	1/4		1/4	1/4		1/4		1/4
1/2	65,625	1/2	53,547	1/2	41,469	1/2	29,642	1/2	17,608	1/2	5,538	1/2		1/2	1/2		1/2		1/2
3/4	65,373	3/4	53,295	3/4	41,218	3/4	29,398	3/4	17,356	3/4	5,288	3/4		3/4	3/4		3/4		3/4
11	65,121	11	53,044	11	40,966	11	29,154	11	17,105	11	5,037	11		11	11		11		11
1/4	64,870	1/4	52,792	1/4	40,714	1/4	28,909	1/4	16,853	1/4	4,789	1/4		1/4	1/4		1/4		1/4
1/2	64,618	1/2	52,540	1/2	40,463	1/2	28,665	1/2	16,602	1/2	4,540	1/2		1/2	1/2		1/2		1/2
3/4	64,367	3/4	52,289	3/4	40,211	3/4	28,420	3/4	16,350	3/4	4,291	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2011 CL - SW
CALCULATED: 08/11/2011 CL
PRINTED: 08/11/2011 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2011

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1336"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	151,421	0	143,548	0	132,899	0	122,231	0	111,524	0	100,816	0	90,109	0	79,401
1/4		1/4		1/4	151,406	1/4	143,326	1/4	132,677	1/4	122,008	1/4	111,300	1/4	100,593	1/4	89,886	1/4	79,177
1/2		1/2		1/2	151,391	1/2	143,104	1/2	132,456	1/2	121,785	1/2	111,077	1/2	100,370	1/2	89,662	1/2	78,954
3/4		3/4		3/4	151,375	3/4	142,883	3/4	132,234	3/4	121,562	3/4	110,854	3/4	100,147	3/4	89,439	3/4	78,731
1		1		1	151,360	1	142,661	1	132,012	1	121,339	1	110,631	1	99,924	1	89,216	1	78,508
1/4		1/4		1/4	151,308	1/4	142,439	1/4	131,790	1/4	121,116	1/4	110,408	1/4	99,701	1/4	88,993	1/4	78,285
1/2		1/2		1/2	151,255	1/2	142,217	1/2	131,568	1/2	120,893	1/2	110,185	1/2	99,478	1/2	88,770	1/2	78,062
3/4		3/4		3/4	151,203	3/4	141,995	3/4	131,346	3/4	120,669	3/4	109,962	3/4	99,255	3/4	88,547	3/4	77,839
2		2		2	151,150	2	141,773	2	131,125	2	120,446	2	109,739	2	99,031	2	88,324	2	77,616
1/4		1/4		1/4	151,060	1/4	141,551	1/4	130,903	1/4	120,223	1/4	109,516	1/4	98,808	1/4	88,101	1/4	77,393
1/2		1/2		1/2	150,971	1/2	141,330	1/2	130,681	1/2	120,000	1/2	109,293	1/2	98,585	1/2	87,878	1/2	77,169
3/4		3/4		3/4	150,881	3/4	141,108	3/4	130,459	3/4	119,777	3/4	109,070	3/4	98,362	3/4	87,655	3/4	76,946
3		3		3	150,792	3	140,886	3	130,237	3	119,554	3	108,847	3	98,139	3	87,432	3	76,723
1/4		1/4		1/4	150,665	1/4	140,664	1/4	130,015	1/4	119,331	1/4	108,624	1/4	97,916	1/4	87,209	1/4	76,500
1/2		1/2		1/2	150,538	1/2	140,442	1/2	129,793	1/2	119,108	1/2	108,401	1/2	97,693	1/2	86,986	1/2	76,277
3/4		3/4		3/4	150,411	3/4	140,220	3/4	129,572	3/4	118,885	3/4	108,177	3/4	97,470	3/4	86,763	3/4	76,054
4		4		4	150,284	4	139,998	4	129,350	4	118,662	4	107,954	4	97,247	4	86,539	4	75,831
1/4		1/4		1/4	150,120	1/4	139,777	1/4	129,128	1/4	118,439	1/4	107,731	1/4	97,024	1/4	86,316	1/4	75,608
1/2		1/2		1/2	149,956	1/2	139,555	1/2	128,906	1/2	118,216	1/2	107,508	1/2	96,801	1/2	86,093	1/2	75,385
3/4		3/4		3/4	149,792	3/4	139,333	3/4	128,684	3/4	117,993	3/4	107,285	3/4	96,578	3/4	85,870	3/4	75,161
5		5		5	149,628	5	139,111	5	128,462	5	117,770	5	107,062	5	96,355	5	85,647	5	74,938
1/4		1/4		1/4	149,427	1/4	138,889	1/4	128,240	1/4	117,546	1/4	106,839	1/4	96,132	1/4	85,424	1/4	74,715
1/2		1/2		1/2	149,226	1/2	138,667	1/2	128,019	1/2	117,323	1/2	106,616	1/2	95,908	1/2	85,201	1/2	74,492
3/4		3/4		3/4	149,024	3/4	138,446	3/4	127,797	3/4	117,100	3/4	106,393	3/4	95,685	3/4	84,978	3/4	74,269
6		6		6	148,823	6	138,224	6	127,575	6	116,877	6	106,170	6	95,462	6	84,755	6	74,046
1/4		1/4		1/4	148,603	1/4	138,002	1/4	127,353	1/4	116,654	1/4	105,947	1/4	95,239	1/4	84,532	1/4	73,823
1/2		1/2		1/2	148,384	1/2	137,780	1/2	127,131	1/2	116,431	1/2	105,724	1/2	95,016	1/2	84,309	1/2	73,600
3/4		3/4		3/4	148,164	3/4	137,558	3/4	126,909	3/4	116,208	3/4	105,501	3/4	94,793	3/4	84,086	3/4	73,377
7		7		7	147,944	7	137,336	7	126,688	7	115,985	7	105,278	7	94,570	7	83,863	7	73,153
1/4		1/4		1/4	147,724	1/4	137,114	1/4	126,466	1/4	115,762	1/4	105,054	1/4	94,347	1/4	83,640	1/4	72,930
1/2		1/2		1/2	147,504	1/2	136,893	1/2	126,244	1/2	115,539	1/2	104,831	1/2	94,124	1/2	83,416	1/2	72,707
3/4		3/4		3/4	147,285	3/4	136,671	3/4	126,022	3/4	115,316	3/4	104,608	3/4	93,901	3/4	83,193	3/4	72,484
8		8		8	147,065	8	136,449	8	125,800	8	115,093	8	104,385	8	93,678	8	82,970	8	72,261
1/4		1/4		1/4	146,845	1/4	136,227	1/4	125,577	1/4	114,870	1/4	104,162	1/4	93,455	1/4	82,747	1/4	72,038
1/2		1/2		1/2	146,625	1/2	136,005	1/2	125,354	1/2	114,647	1/2	103,939	1/2	93,232	1/2	82,524	1/2	71,815
3/4		3/4		3/4	146,405	3/4	135,783	3/4	125,131	3/4	114,423	3/4	103,716	3/4	93,009	3/4	82,301	3/4	71,592
9		9		9	146,186	9	135,562	9	124,908	9	114,200	9	103,493	9	92,785	9	82,078	9	71,369
1/4		1/4		1/4	145,966	1/4	135,340	1/4	124,685	1/4	113,977	1/4	103,270	1/4	92,562	1/4	81,855	1/4	71,145
1/2		1/2		1/2	145,746	1/2	135,118	1/2	124,462	1/2	113,754	1/2	103,047	1/2	92,339	1/2	81,632	1/2	70,922
3/4		3/4		3/4	145,526	3/4	134,896	3/4	124,239	3/4	113,531	3/4	102,824	3/4	92,116	3/4	81,409	3/4	70,699
10		10		10	145,306	10	134,674	10	124,016	10	113,308	10	102,601	10	91,893	10	81,185	10	70,476
1/4		1/4		1/4	145,087	1/4	134,452	1/4	123,793	1/4	113,085	1/4	102,378	1/4	91,670	1/4	80,962	1/4	70,253
1/2		1/2		1/2	144,867	1/2	134,230	1/2	123,569	1/2	112,862	1/2	102,154	1/2	91,447	1/2	80,739	1/2	70,030
3/4		3/4		3/4	144,647	3/4	134,009	3/4	123,346	3/4	112,639	3/4	101,931	3/4	91,224	3/4	80,516	3/4	69,807
11		11		11	144,427	11	133,787	11	123,123	11	112,416	11	101,708	11	91,001	11	80,293	11	69,584
1/4		1/4		1/4	144,207	1/4	133,565	1/4	122,900	1/4	112,193	1/4	101,485	1/4	90,778	1/4	80,070	1/4	69,361
1/2		1/2		1/2	143,988	1/2	133,343	1/2	122,677	1/2	111,970	1/2	101,262	1/2	90,555	1/2	79,847	1/2	69,137
3/4		3/4		3/4	143,768	3/4	133,121	3/4	122,454	3/4	111,747	3/4	101,039	3/4	90,332	3/4	79,624	3/4	68,914

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1336"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,691	0	57,982	0	47,273	0	36,563	0	25,877	0	15,171	0	4,471	0		0		0	
1/4	68,468	1/4	57,759	1/4	47,050	1/4	36,340	1/4	25,654	1/4	14,948	1/4	4,250	1/4	1/4		1/4		1/4
1/2	68,245	1/2	57,536	1/2	46,826	1/2	36,117	1/2	25,432	1/2	14,725	1/2	4,030	1/2	1/2		1/2		1/2
3/4	68,022	3/4	57,313	3/4	46,603	3/4	35,894	3/4	25,209	3/4	14,502	3/4	3,809	3/4	3/4		3/4		3/4
1	67,799	1	57,090	1	46,380	1	35,671	1	24,986	1	14,279	1	3,589	1	1		1		1
1/4	67,576	1/4	56,866	1/4	46,157	1/4	35,448	1/4	24,763	1/4	14,056	1/4	3,370	1/4	1/4		1/4		1/4
1/2	67,353	1/2	56,643	1/2	45,934	1/2	35,225	1/2	24,541	1/2	13,832	1/2	3,151	1/2	1/2		1/2		1/2
3/4	67,129	3/4	56,420	3/4	45,711	3/4	35,002	3/4	24,318	3/4	13,609	3/4	2,933	3/4	3/4		3/4		3/4
2	66,906	2	56,197	2	45,488	2	34,779	2	24,095	2	13,386	2	2,714	2	2		2		2
1/4	66,683	1/4	55,974	1/4	45,265	1/4	34,555	1/4	23,872	1/4	13,163	1/4	2,510	1/4	1/4		1/4		1/4
1/2	66,460	1/2	55,751	1/2	45,042	1/2	34,332	1/2	23,649	1/2	12,940	1/2	2,306	1/2	1/2		1/2		1/2
3/4	66,237	3/4	55,528	3/4	44,818	3/4	34,109	3/4	23,426	3/4	12,717	3/4	2,102	3/4	3/4		3/4		3/4
3	66,014	3	55,305	3	44,595	3	33,886	3	23,203	3	12,494	3	1,898	3	3		3		3
1/4	65,791	1/4	55,082	1/4	44,372	1/4	33,663	1/4	22,980	1/4	12,271	1/4	1,731	1/4	1/4		1/4		1/4
1/2	65,568	1/2	54,858	1/2	44,149	1/2	33,440	1/2	22,757	1/2	12,048	1/2	1,564	1/2	1/2		1/2		1/2
3/4	65,345	3/4	54,635	3/4	43,926	3/4	33,217	3/4	22,533	3/4	11,825	3/4	1,396	3/4	3/4		3/4		3/4
4	65,121	4	54,412	4	43,703	4	32,994	4	22,310	4	11,601	4	1,229	4	4		4		4
1/4	64,898	1/4	54,189	1/4	43,480	1/4	32,771	1/4	22,087	1/4	11,378	1/4	1,099	1/4	1/4		1/4		1/4
1/2	64,675	1/2	53,966	1/2	43,257	1/2	32,549	1/2	21,864	1/2	11,155	1/2	969	1/2	1/2		1/2		1/2
3/4	64,452	3/4	53,743	3/4	43,034	3/4	32,326	3/4	21,641	3/4	10,932	3/4	839	3/4	3/4		3/4		3/4
5	64,229	5	53,520	5	42,811	5	32,104	5	21,418	5	10,709	5	708	5	5		5		5
1/4	64,006	1/4	53,297	1/4	42,587	1/4	31,882	1/4	21,195	1/4	10,486	1/4	616	1/4	1/4		1/4		1/4
1/2	63,783	1/2	53,074	1/2	42,364	1/2	31,659	1/2	20,972	1/2	10,263	1/2	523	1/2	1/2		1/2		1/2
3/4	63,560	3/4	52,850	3/4	42,141	3/4	31,437	3/4	20,749	3/4	10,040	3/4	430	3/4	3/4		3/4		3/4
6	63,337	6	52,627	6	41,918	6	31,215	6	20,525	6	9,817	6	337	6	6		6		6
1/4	63,114	1/4	52,404	1/4	41,695	1/4	30,992	1/4	20,302	1/4	9,594	1/4	281	1/4	1/4		1/4		1/4
1/2	62,890	1/2	52,181	1/2	41,472	1/2	30,770	1/2	20,079	1/2	9,370	1/2	225	1/2	1/2		1/2		1/2
3/4	62,667	3/4	51,958	3/4	41,249	3/4	30,547	3/4	19,856	3/4	9,147	3/4	169	3/4	3/4		3/4		3/4
7	62,444	7	51,735	7	41,026	7	30,325	7	19,633	7	8,924	7	114	7	7		7		7
1/4	62,221	1/4	51,512	1/4	40,803	1/4	30,103	1/4	19,410	1/4	8,701	1/4	95	1/4	1/4		1/4		1/4
1/2	61,998	1/2	51,289	1/2	40,579	1/2	29,880	1/2	19,187	1/2	8,478	1/2	76	1/2	1/2		1/2		1/2
3/4	61,775	3/4	51,066	3/4	40,356	3/4	29,658	3/4	18,964	3/4	8,255	3/4	58	3/4	3/4		3/4		3/4
8	61,552	8	50,842	8	40,133	8	29,435	8	18,741	8	8,032	8	39	8	8		8		8
1/4	61,329	1/4	50,619	1/4	39,910	1/4	29,213	1/4	18,518	1/4	7,809	1/4		1/4	1/4		1/4		1/4
1/2	61,106	1/2	50,396	1/2	39,687	1/2	28,991	1/2	18,294	1/2	7,586	1/2		1/2	1/2		1/2		1/2
3/4	60,882	3/4	50,173	3/4	39,464	3/4	28,768	3/4	18,071	3/4	7,363	3/4		3/4	3/4		3/4		3/4
9	60,659	9	49,950	9	39,241	9	28,546	9	17,848	9	7,140	9		9	9		9		9
1/4	60,436	1/4	49,727	1/4	39,018	1/4	28,323	1/4	17,625	1/4	6,917	1/4		1/4	1/4		1/4		1/4
1/2	60,213	1/2	49,504	1/2	38,795	1/2	28,101	1/2	17,402	1/2	6,694	1/2		1/2	1/2		1/2		1/2
3/4	59,990	3/4	49,281	3/4	38,571	3/4	27,879	3/4	17,179	3/4	6,471	3/4		3/4	3/4		3/4		3/4
10	59,767	10	49,058	10	38,348	10	27,656	10	16,956	10	6,248	10		10	10		10		10
1/4	59,544	1/4	48,834	1/4	38,125	1/4	27,434	1/4	16,733	1/4	6,025	1/4		1/4	1/4		1/4		1/4
1/2	59,321	1/2	48,611	1/2	37,902	1/2	27,211	1/2	16,510	1/2	5,803	1/2		1/2	1/2		1/2		1/2
3/4	59,098	3/4	48,388	3/4	37,679	3/4	26,989	3/4	16,287	3/4	5,581	3/4		3/4	3/4		3/4		3/4
11	58,874	11	48,165	11	37,456	11	26,767	11	16,063	11	5,358	11		11	11		11		11
1/4	58,651	1/4	47,942	1/4	37,233	1/4	26,544	1/4	15,840	1/4	5,136	1/4		1/4	1/4		1/4		1/4
1/2	58,428	1/2	47,719	1/2	37,010	1/2	26,322	1/2	15,617	1/2	4,915	1/2		1/2	1/2		1/2		1/2
3/4	58,205	3/4	47,496	3/4	36,787	3/4	26,099	3/4	15,394	3/4	4,693	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2011 CL - SW
CALCULATED: 08/11/2011 CL
PRINTED: 08/11/2011 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2011

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