



BARGE "CBC 1368"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 CENTER IS - 00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/2'

LENGTH BETWEEN DRAFT MARKS: 161'-09"

October 16, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 1368"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,075	0	18,843	0	29,460	0	40,107	0	50,847	0	61,587	0	72,303	0	83,022	0	93,765
1/4	58	1/4	8,300	1/4	19,067	1/4	29,678	1/4	40,331	1/4	51,071	1/4	61,810	1/4	72,526	1/4	83,245	1/4	93,988
1/2	77	1/2	8,524	1/2	19,292	1/2	29,896	1/2	40,555	1/2	51,294	1/2	62,034	1/2	72,748	1/2	83,469	1/2	94,212
3/4	95	3/4	8,748	3/4	19,516	3/4	30,114	3/4	40,779	3/4	51,518	3/4	62,258	3/4	72,970	3/4	83,693	3/4	94,436
1	114	1	8,973	1	19,740	1	30,332	1	41,002	1	51,742	1	62,482	1	73,193	1	83,917	1	94,660
1/4	170	1/4	9,197	1/4	19,965	1/4	30,550	1/4	41,226	1/4	51,966	1/4	62,705	1/4	73,415	1/4	84,141	1/4	94,884
1/2	226	1/2	9,421	1/2	20,189	1/2	30,768	1/2	41,450	1/2	52,189	1/2	62,929	1/2	73,638	1/2	84,365	1/2	95,108
3/4	282	3/4	9,646	3/4	20,413	3/4	30,986	3/4	41,673	3/4	52,413	3/4	63,153	3/4	73,860	3/4	84,588	3/4	95,331
2	338	2	9,870	2	20,637	2	31,204	2	41,897	2	52,637	2	63,377	2	74,082	2	84,812	2	95,555
1/4	432	1/4	10,094	1/4	20,862	1/4	31,422	1/4	42,121	1/4	52,861	1/4	63,600	1/4	74,305	1/4	85,036	1/4	95,779
1/2	525	1/2	10,319	1/2	21,086	1/2	31,640	1/2	42,345	1/2	53,084	1/2	63,824	1/2	74,527	1/2	85,260	1/2	96,003
3/4	619	3/4	10,543	3/4	21,310	3/4	31,858	3/4	42,568	3/4	53,308	3/4	64,048	3/4	74,750	3/4	85,484	3/4	96,227
3	712	3	10,767	3	21,535	3	32,076	3	42,792	3	53,532	3	64,272	3	74,972	3	85,707	3	96,450
1/4	843	1/4	10,992	1/4	21,759	1/4	32,294	1/4	43,016	1/4	53,756	1/4	64,495	1/4	75,194	1/4	85,931	1/4	96,674
1/2	974	1/2	11,216	1/2	21,983	1/2	32,512	1/2	43,240	1/2	53,979	1/2	64,719	1/2	75,417	1/2	86,155	1/2	96,898
3/4	1,105	3/4	11,440	3/4	22,208	3/4	32,730	3/4	43,463	3/4	54,203	3/4	64,943	3/4	75,639	3/4	86,379	3/4	97,122
4	1,235	4	11,665	4	22,432	4	32,947	4	43,687	4	54,427	4	65,167	4	75,862	4	86,603	4	97,346
1/4	1,404	1/4	11,889	1/4	22,656	1/4	33,171	1/4	43,911	1/4	54,651	1/4	65,390	1/4	76,085	1/4	86,826	1/4	97,569
1/2	1,572	1/2	12,113	1/2	22,881	1/2	33,395	1/2	44,135	1/2	54,874	1/2	65,614	1/2	76,308	1/2	87,050	1/2	97,793
3/4	1,740	3/4	12,337	3/4	23,105	3/4	33,619	3/4	44,358	3/4	55,098	3/4	65,838	3/4	76,531	3/4	87,274	3/4	98,017
5	1,908	5	12,562	5	23,329	5	33,842	5	44,582	5	55,322	5	66,062	5	76,754	5	87,498	5	98,241
1/4	2,113	1/4	12,786	1/4	23,554	1/4	34,066	1/4	44,806	1/4	55,546	1/4	66,285	1/4	76,978	1/4	87,722	1/4	98,465
1/2	2,318	1/2	13,010	1/2	23,778	1/2	34,290	1/2	45,030	1/2	55,769	1/2	66,509	1/2	77,202	1/2	87,946	1/2	98,689
3/4	2,523	3/4	13,235	3/4	24,002	3/4	34,514	3/4	45,253	3/4	55,993	3/4	66,733	3/4	77,426	3/4	88,169	3/4	98,912
6	2,728	6	13,459	6	24,227	6	34,737	6	45,477	6	56,217	6	66,957	6	77,649	6	88,393	6	99,136
1/4	2,948	1/4	13,683	1/4	24,445	1/4	34,961	1/4	45,701	1/4	56,441	1/4	67,180	1/4	77,873	1/4	88,617	1/4	99,360
1/2	3,168	1/2	13,908	1/2	24,663	1/2	35,185	1/2	45,925	1/2	56,664	1/2	67,403	1/2	78,097	1/2	88,841	1/2	99,584
3/4	3,388	3/4	14,132	3/4	24,882	3/4	35,409	3/4	46,148	3/4	56,888	3/4	67,626	3/4	78,321	3/4	89,065	3/4	99,808
7	3,608	7	14,356	7	25,100	7	35,632	7	46,372	7	57,112	7	67,849	7	78,545	7	89,288	7	100,031
1/4	3,830	1/4	14,581	1/4	25,318	1/4	35,856	1/4	46,596	1/4	57,336	1/4	68,072	1/4	78,769	1/4	89,512	1/4	100,255
1/2	4,051	1/2	14,805	1/2	25,537	1/2	36,080	1/2	46,820	1/2	57,559	1/2	68,295	1/2	78,992	1/2	89,736	1/2	100,479
3/4	4,273	3/4	15,029	3/4	25,755	3/4	36,304	3/4	47,043	3/4	57,783	3/4	68,519	3/4	79,216	3/4	89,960	3/4	100,703
8	4,495	8	15,254	8	25,973	8	36,527	8	47,267	8	58,007	8	68,742	8	79,440	8	90,184	8	100,927
1/4	4,718	1/4	15,478	1/4	26,191	1/4	36,751	1/4	47,491	1/4	58,231	1/4	68,965	1/4	79,664	1/4	90,407	1/4	101,150
1/2	4,941	1/2	15,702	1/2	26,409	1/2	36,975	1/2	47,715	1/2	58,454	1/2	69,188	1/2	79,888	1/2	90,631	1/2	101,374
3/4	5,164	3/4	15,927	3/4	26,627	3/4	37,199	3/4	47,938	3/4	58,678	3/4	69,411	3/4	80,112	3/4	90,855	3/4	101,598
9	5,387	9	16,151	9	26,845	9	37,422	9	48,162	9	58,902	9	69,634	9	80,336	9	91,079	9	101,822
1/4	5,611	1/4	16,375	1/4	27,063	1/4	37,646	1/4	48,386	1/4	59,126	1/4	69,857	1/4	80,559	1/4	91,303	1/4	102,046
1/2	5,834	1/2	16,600	1/2	27,281	1/2	37,870	1/2	48,610	1/2	59,349	1/2	70,079	1/2	80,783	1/2	91,527	1/2	102,270
3/4	6,058	3/4	16,824	3/4	27,499	3/4	38,094	3/4	48,833	3/4	59,573	3/4	70,302	3/4	81,007	3/4	91,750	3/4	102,493
10	6,282	10	17,048	10	27,717	10	38,317	10	49,057	10	59,797	10	70,524	10	81,231	10	91,974	10	102,717
1/4	6,506	1/4	17,273	1/4	27,935	1/4	38,541	1/4	49,281	1/4	60,020	1/4	70,746	1/4	81,455	1/4	92,198	1/4	102,941
1/2	6,730	1/2	17,497	1/2	28,153	1/2	38,765	1/2	49,505	1/2	60,244	1/2	70,969	1/2	81,679	1/2	92,422	1/2	103,165
3/4	6,954	3/4	17,721	3/4	28,371	3/4	38,989	3/4	49,728	3/4	60,468	3/4	71,191	3/4	81,902	3/4	92,646	3/4	103,389
11	7,178	11	17,946	11	28,589	11	39,212	11	49,952	11	60,692	11	71,414	11	82,126	11	92,869	11	103,612
1/4	7,402	1/4	18,170	1/4	28,807	1/4	39,436	1/4	50,176	1/4	60,915	1/4	71,636	1/4	82,350	1/4	93,093	1/4	103,836
1/2	7,627	1/2	18,394	1/2	29,025	1/2	39,660	1/2	50,400	1/2	61,139	1/2	71,858	1/2	82,574	1/2	93,317	1/2	104,060
3/4	7,851	3/4	18,619	3/4	29,242	3/4	39,884	3/4	50,623	3/4	61,363	3/4	72,081	3/4	82,798	3/4	93,541	3/4	104,284

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

<http://www.pmacorp.net>



BARGE "CBC 1368"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,508	0	114,589	0	124,030	0	133,429	0	142,812	0		0		0		0		0	
1/4	104,731	1/4	114,785	1/4	124,226	1/4	133,625	1/4	143,006	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,955	1/2	114,982	1/2	124,422	1/2	133,821	1/2	143,200	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,178	3/4	115,179	3/4	124,618	3/4	134,017	3/4	143,394	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,402	1	115,375	1	124,814	1	134,214	1	143,588	1	1	1	1	1	1	1	1	1	1
1/4	105,626	1/4	115,572	1/4	125,011	1/4	134,410	1/4	143,782	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,849	1/2	115,769	1/2	125,207	1/2	134,606	1/2	143,976	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,073	3/4	115,965	3/4	125,403	3/4	134,802	3/4	144,171	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,296	2	116,162	2	125,599	2	134,998	2	144,365	2	2	2	2	2	2	2	2	2	2
1/4	106,520	1/4	116,359	1/4	125,795	1/4	135,194	1/4	144,568	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,743	1/2	116,556	1/2	125,991	1/2	135,391	1/2	144,771	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,967	3/4	116,752	3/4	126,188	3/4	135,587	3/4	144,974	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,190	3	116,949	3	126,384	3	135,783	3	145,177	3	3	3	3	3	3	3	3	3	3
1/4	107,414	1/4	117,146	1/4	126,580	1/4	135,979	1/4	145,342	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,638	1/2	117,342	1/2	126,776	1/2	136,175	1/2	145,508	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,861	3/4	117,539	3/4	126,972	3/4	136,371	3/4	145,673	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,085	4	117,736	4	127,168	4	136,568	4	145,839	4	4	4	4	4	4	4	4	4	4
1/4	108,308	1/4	117,932	1/4	127,365	1/4	136,764	1/4	145,967	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,532	1/2	118,129	1/2	127,561	1/2	136,960	1/2	146,095	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,755	3/4	118,326	3/4	127,757	3/4	137,156	3/4	146,224	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,979	5	118,522	5	127,953	5	137,352	5	146,352	5	5	5	5	5	5	5	5	5	5
1/4	109,203	1/4	118,719	1/4	128,149	1/4	137,548	1/4	146,443	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,426	1/2	118,916	1/2	128,345	1/2	137,745	1/2	146,533	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,650	3/4	119,113	3/4	128,542	3/4	137,941	3/4	146,624	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,873	6	119,309	6	128,738	6	138,137	6	146,715	6	6	6	6	6	6	6	6	6	6
1/4	110,070	1/4	119,506	1/4	128,933	1/4	138,333	1/4	146,769	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,266	1/2	119,703	1/2	129,129	1/2	138,529	1/2	146,822	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,463	3/4	119,899	3/4	129,324	3/4	138,725	3/4	146,875	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,659	7	120,096	7	129,520	7	138,922	7	146,929	7	7	7	7	7	7	7	7	7	7
1/4	110,856	1/4	120,293	1/4	129,715	1/4	139,118	1/4	146,945	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,052	1/2	120,489	1/2	129,911	1/2	139,314	1/2	146,961	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,249	3/4	120,686	3/4	130,106	3/4	139,510	3/4	146,977	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,445	8	120,883	8	130,302	8	139,706	8	146,993	8	8	8	8	8	8	8	8	8	8
1/4	111,642	1/4	121,079	1/4	130,497	1/4	139,900	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,838	1/2	121,276	1/2	130,692	1/2	140,095	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,034	3/4	121,473	3/4	130,888	3/4	140,289	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,231	9	121,669	9	131,083	9	140,483	9		9	9	9	9	9	9	9	9	9	9
1/4	112,427	1/4	121,866	1/4	131,279	1/4	140,677	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,624	1/2	122,063	1/2	131,474	1/2	140,871	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,820	3/4	122,260	3/4	131,670	3/4	141,065	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,017	10	122,456	10	131,865	10	141,259	10		10	10	10	10	10	10	10	10	10	10
1/4	113,213	1/4	122,653	1/4	132,061	1/4	141,453	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,410	1/2	122,850	1/2	132,256	1/2	141,647	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,606	3/4	123,046	3/4	132,452	3/4	141,841	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	113,803	11	123,243	11	132,647	11	142,035	11		11	11	11	11	11	11	11	11	11	11
1/4	113,999	1/4	123,440	1/4	132,843	1/4	142,230	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,196	1/2	123,636	1/2	133,038	1/2	142,424	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,392	3/4	123,833	3/4	133,234	3/4	142,618	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: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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



BARGE "CBC 1368"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	9,048	0	21,118	0	33,041	0	44,965	0	57,035	0	69,106	0	81,176	0	93,247	0	105,315
1/4	60	1/4	9,299	1/4	21,369	1/4	33,285	1/4	45,216	1/4	57,287	1/4	69,357	1/4	81,428	1/4	93,498	1/4	105,567
1/2	81	1/2	9,551	1/2	21,621	1/2	33,529	1/2	45,468	1/2	57,538	1/2	69,609	1/2	81,679	1/2	93,750	1/2	105,818
3/4	102	3/4	9,802	3/4	21,872	3/4	33,773	3/4	45,719	3/4	57,790	3/4	69,860	3/4	81,931	3/4	94,001	3/4	106,070
1	123	1	10,054	1	22,124	1	34,017	1	45,971	1	58,041	1	70,112	1	82,182	1	94,253	1	106,321
1/4	186	1/4	10,305	1/4	22,375	1/4	34,262	1/4	46,222	1/4	58,293	1/4	70,363	1/4	82,434	1/4	94,504	1/4	106,572
1/2	249	1/2	10,557	1/2	22,627	1/2	34,506	1/2	46,474	1/2	58,544	1/2	70,615	1/2	82,685	1/2	94,755	1/2	106,824
3/4	312	3/4	10,808	3/4	22,878	3/4	34,750	3/4	46,725	3/4	58,796	3/4	70,866	3/4	82,937	3/4	95,007	3/4	107,075
2	375	2	11,059	2	23,130	2	34,994	2	46,977	2	59,047	2	71,118	2	83,188	2	95,258	2	107,327
1/4	479	1/4	11,311	1/4	23,381	1/4	35,238	1/4	47,228	1/4	59,299	1/4	71,369	1/4	83,440	1/4	95,510	1/4	107,578
1/2	584	1/2	11,562	1/2	23,632	1/2	35,482	1/2	47,480	1/2	59,550	1/2	71,621	1/2	83,691	1/2	95,761	1/2	107,830
3/4	689	3/4	11,814	3/4	23,884	3/4	35,726	3/4	47,731	3/4	59,802	3/4	71,872	3/4	83,943	3/4	96,013	3/4	108,081
3	794	3	12,065	3	24,135	3	35,970	3	47,983	3	60,053	3	72,124	3	84,194	3	96,264	3	108,332
1/4	940	1/4	12,317	1/4	24,387	1/4	36,214	1/4	48,234	1/4	60,304	1/4	72,375	1/4	84,445	1/4	96,515	1/4	108,584
1/2	1,087	1/2	12,568	1/2	24,638	1/2	36,458	1/2	48,485	1/2	60,556	1/2	72,626	1/2	84,697	1/2	96,767	1/2	108,835
3/4	1,234	3/4	12,820	3/4	24,890	3/4	36,702	3/4	48,737	3/4	60,807	3/4	72,878	3/4	84,948	3/4	97,018	3/4	109,087
4	1,380	4	13,071	4	25,141	4	36,946	4	48,988	4	61,059	4	73,129	4	85,200	4	97,270	4	109,338
1/4	1,569	1/4	13,323	1/4	25,393	1/4	37,191	1/4	49,240	1/4	61,310	1/4	73,381	1/4	85,451	1/4	97,521	1/4	109,590
1/2	1,757	1/2	13,574	1/2	25,644	1/2	37,435	1/2	49,491	1/2	61,562	1/2	73,632	1/2	85,703	1/2	97,773	1/2	109,841
3/4	1,946	3/4	13,826	3/4	25,896	3/4	37,679	3/4	49,743	3/4	61,813	3/4	73,884	3/4	85,954	3/4	98,024	3/4	110,092
5	2,135	5	14,077	5	26,147	5	37,924	5	49,994	5	62,065	5	74,135	5	86,206	5	98,275	5	110,344
1/4	2,365	1/4	14,328	1/4	26,399	1/4	38,175	1/4	50,246	1/4	62,316	1/4	74,387	1/4	86,457	1/4	98,527	1/4	110,595
1/2	2,594	1/2	14,580	1/2	26,650	1/2	38,427	1/2	50,497	1/2	62,568	1/2	74,638	1/2	86,709	1/2	98,778	1/2	110,847
3/4	2,824	3/4	14,831	3/4	26,901	3/4	38,678	3/4	50,749	3/4	62,819	3/4	74,890	3/4	86,960	3/4	99,030	3/4	111,098
6	3,054	6	15,083	6	27,153	6	38,930	6	51,000	6	63,071	6	75,141	6	87,212	6	99,281	6	111,349
1/4	3,300	1/4	15,334	1/4	27,404	1/4	39,181	1/4	51,252	1/4	63,322	1/4	75,393	1/4	87,463	1/4	99,533	1/4	111,601
1/2	3,547	1/2	15,586	1/2	27,656	1/2	39,433	1/2	51,503	1/2	63,574	1/2	75,644	1/2	87,715	1/2	99,784	1/2	111,852
3/4	3,793	3/4	15,837	3/4	27,907	3/4	39,684	3/4	51,755	3/4	63,825	3/4	75,896	3/4	87,966	3/4	100,035	3/4	112,104
7	4,040	7	16,089	7	28,159	7	39,936	7	52,006	7	64,077	7	76,147	7	88,217	7	100,287	7	112,355
1/4	4,289	1/4	16,340	1/4	28,403	1/4	40,187	1/4	52,257	1/4	64,328	1/4	76,398	1/4	88,469	1/4	100,538	1/4	112,607
1/2	4,537	1/2	16,592	1/2	28,648	1/2	40,438	1/2	52,509	1/2	64,579	1/2	76,650	1/2	88,720	1/2	100,790	1/2	112,858
3/4	4,786	3/4	16,843	3/4	28,892	3/4	40,690	3/4	52,760	3/4	64,831	3/4	76,901	3/4	88,972	3/4	101,041	3/4	113,109
8	5,034	8	17,095	8	29,136	8	40,941	8	53,012	8	65,082	8	77,153	8	89,223	8	101,292	8	113,361
1/4	5,284	1/4	17,346	1/4	29,380	1/4	41,193	1/4	53,263	1/4	65,334	1/4	77,404	1/4	89,475	1/4	101,544	1/4	113,612
1/2	5,534	1/2	17,597	1/2	29,624	1/2	41,444	1/2	53,515	1/2	65,585	1/2	77,656	1/2	89,726	1/2	101,795	1/2	113,864
3/4	5,784	3/4	17,849	3/4	29,869	3/4	41,696	3/4	53,766	3/4	65,837	3/4	77,907	3/4	89,978	3/4	102,047	3/4	114,115
9	6,034	9	18,100	9	30,113	9	41,947	9	54,018	9	66,088	9	78,159	9	90,229	9	102,298	9	114,367
1/4	6,285	1/4	18,352	1/4	30,357	1/4	42,199	1/4	54,269	1/4	66,340	1/4	78,410	1/4	90,481	1/4	102,550	1/4	114,618
1/2	6,536	1/2	18,603	1/2	30,601	1/2	42,450	1/2	54,521	1/2	66,591	1/2	78,662	1/2	90,732	1/2	102,801	1/2	114,869
3/4	6,786	3/4	18,855	3/4	30,845	3/4	42,702	3/4	54,772	3/4	66,843	3/4	78,913	3/4	90,984	3/4	103,052	3/4	115,121
10	7,037	10	19,106	10	31,089	10	42,953	10	55,024	10	67,094	10	79,165	10	91,235	10	103,304	10	115,372
1/4	7,288	1/4	19,358	1/4	31,333	1/4	43,205	1/4	55,275	1/4	67,346	1/4	79,416	1/4	91,487	1/4	103,555	1/4	115,624
1/2	7,540	1/2	19,609	1/2	31,577	1/2	43,456	1/2	55,527	1/2	67,597	1/2	79,668	1/2	91,738	1/2	103,807	1/2	115,875
3/4	7,791	3/4	19,861	3/4	31,821	3/4	43,708	3/4	55,778	3/4	67,849	3/4	79,919	3/4	91,990	3/4	104,058	3/4	116,127
11	8,042	11	20,112	11	32,065	11	43,959	11	56,030	11	68,100	11	80,171	11	92,241	11	104,310	11	116,378
1/4	8,294	1/4	20,364	1/4	32,309	1/4	44,210	1/4	56,281	1/4	68,351	1/4	80,422	1/4	92,492	1/4	104,561	1/4	116,629
1/2	8,545	1/2	20,615	1/2	32,553	1/2	44,462	1/2	56,532	1/2	68,603	1/2	80,673	1/2	92,744	1/2	104,812	1/2	116,881
3/4	8,796	3/4	20,866	3/4	32,797	3/4	44,713	3/4	56,784	3/4	68,854	3/4	80,925	3/4	92,995	3/4	105,064	3/4	117,132

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

<http://www.pmacorp.net>



BARGE "CBC 1368"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	117,384	0	129,452	0	141,521	0	153,522	0	165,486	0		0		0		0		0	
1/4	117,635	1/4	129,704	1/4	141,771	1/4	153,772	1/4	165,734	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,887	1/2	129,955	1/2	142,021	1/2	154,022	1/2	165,982	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,138	3/4	130,206	3/4	142,271	3/4	154,272	3/4	166,229	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,389	1	130,458	1	142,521	1	154,522	1	166,477	1	1	1	1	1	1	1	1	1	1
1/4	118,641	1/4	130,709	1/4	142,771	1/4	154,772	1/4	166,725	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,892	1/2	130,961	1/2	143,021	1/2	155,022	1/2	166,972	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,144	3/4	131,212	3/4	143,271	3/4	155,272	3/4	167,220	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,395	2	131,464	2	143,521	2	155,522	2	167,468	2	2	2	2	2	2	2	2	2	2
1/4	119,647	1/4	131,715	1/4	143,771	1/4	155,772	1/4	167,695	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,898	1/2	131,966	1/2	144,021	1/2	156,022	1/2	167,921	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,149	3/4	132,218	3/4	144,271	3/4	156,272	3/4	168,148	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,401	3	132,469	3	144,521	3	156,522	3	168,375	3	3	3	3	3	3	3	3	3	3
1/4	120,652	1/4	132,721	1/4	144,771	1/4	156,772	1/4	168,560	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,904	1/2	132,972	1/2	145,021	1/2	157,022	1/2	168,745	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,155	3/4	133,223	3/4	145,271	3/4	157,272	3/4	168,930	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,407	4	133,475	4	145,521	4	157,522	4	169,114	4	4	4	4	4	4	4	4	4	4
1/4	121,658	1/4	133,726	1/4	145,771	1/4	157,772	1/4	169,257	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,909	1/2	133,978	1/2	146,021	1/2	158,022	1/2	169,400	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,161	3/4	134,229	3/4	146,271	3/4	158,272	3/4	169,543	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,412	5	134,481	5	146,521	5	158,522	5	169,686	5	5	5	5	5	5	5	5	5	5
1/4	122,664	1/4	134,732	1/4	146,771	1/4	158,772	1/4	169,787	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,915	1/2	134,983	1/2	147,021	1/2	159,022	1/2	169,888	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,166	3/4	135,235	3/4	147,271	3/4	159,272	3/4	169,989	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,418	6	135,486	6	147,521	6	159,523	6	170,090	6	6	6	6	6	6	6	6	6	6
1/4	123,669	1/4	135,738	1/4	147,771	1/4	159,773	1/4	170,149	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,921	1/2	135,989	1/2	148,021	1/2	160,023	1/2	170,208	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,172	3/4	136,241	3/4	148,271	3/4	160,273	3/4	170,268	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,424	7	136,492	7	148,521	7	160,523	7	170,327	7	7	7	7	7	7	7	7	7	7
1/4	124,675	1/4	136,743	1/4	148,771	1/4	160,773	1/4	170,344	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,926	1/2	136,995	1/2	149,021	1/2	161,023	1/2	170,361	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,178	3/4	137,246	3/4	149,271	3/4	161,273	3/4	170,378	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,429	8	137,498	8	149,521	8	161,523	8	170,396	8	8	8	8	8	8	8	8	8	8
1/4	125,681	1/4	137,749	1/4	149,771	1/4	161,770	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,932	1/2	138,001	1/2	150,021	1/2	162,018	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,184	3/4	138,252	3/4	150,271	3/4	162,266	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,435	9	138,503	9	150,522	9	162,514	9		9	9	9	9	9	9	9	9	9	9
1/4	126,686	1/4	138,755	1/4	150,772	1/4	162,761	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,938	1/2	139,006	1/2	151,022	1/2	163,009	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,189	3/4	139,258	3/4	151,272	3/4	163,257	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,441	10	139,509	10	151,522	10	163,504	10		10	10	10	10	10	10	10	10	10	10
1/4	127,692	1/4	139,761	1/4	151,772	1/4	163,752	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,944	1/2	140,012	1/2	152,022	1/2	164,000	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,195	3/4	140,263	3/4	152,272	3/4	164,248	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,446	11	140,515	11	152,522	11	164,495	11		11	11	11	11	11	11	11	11	11	11
1/4	128,698	1/4	140,766	1/4	152,772	1/4	164,743	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,949	1/2	141,018	1/2	153,022	1/2	164,991	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,201	3/4	141,269	3/4	153,272	3/4	165,238	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: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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



BARGE "CBC 1368"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	8,044	0	18,770	0	29,482	0	40,196	0	50,922	0	61,648	0	72,374	0	83,100	0	93,825
1/4	58	1/4	8,268	1/4	18,994	1/4	29,704	1/4	40,420	1/4	51,146	1/4	61,872	1/4	72,598	1/4	83,324	1/4	94,048
1/2	77	1/2	8,491	1/2	19,217	1/2	29,927	1/2	40,643	1/2	51,369	1/2	62,095	1/2	72,821	1/2	83,547	1/2	94,271
3/4	95	3/4	8,715	3/4	19,440	3/4	30,150	3/4	40,866	3/4	51,593	3/4	62,319	3/4	73,045	3/4	83,771	3/4	94,495
1	114	1	8,938	1	19,664	1	30,372	1	41,090	1	51,816	1	62,542	1	73,268	1	83,994	1	94,718
1/4	170	1/4	9,162	1/4	19,887	1/4	30,595	1/4	41,313	1/4	52,039	1/4	62,765	1/4	73,492	1/4	84,217	1/4	94,942
1/2	226	1/2	9,385	1/2	20,111	1/2	30,818	1/2	41,537	1/2	52,263	1/2	62,989	1/2	73,715	1/2	84,441	1/2	95,165
3/4	281	3/4	9,609	3/4	20,334	3/4	31,041	3/4	41,760	3/4	52,486	3/4	63,212	3/4	73,938	3/4	84,664	3/4	95,388
2	337	2	9,832	2	20,558	2	31,263	2	41,984	2	52,710	2	63,436	2	74,162	2	84,888	2	95,612
1/4	430	1/4	10,055	1/4	20,781	1/4	31,486	1/4	42,207	1/4	52,933	1/4	63,659	1/4	74,385	1/4	85,111	1/4	95,835
1/2	523	1/2	10,279	1/2	21,005	1/2	31,709	1/2	42,431	1/2	53,157	1/2	63,883	1/2	74,609	1/2	85,335	1/2	96,059
3/4	617	3/4	10,502	3/4	21,228	3/4	31,932	3/4	42,654	3/4	53,380	3/4	64,106	3/4	74,832	3/4	85,558	3/4	96,282
3	710	3	10,726	3	21,451	3	32,154	3	42,878	3	53,604	3	64,330	3	75,056	3	85,781	3	96,506
1/4	840	1/4	10,949	1/4	21,675	1/4	32,377	1/4	43,101	1/4	53,827	1/4	64,553	1/4	75,279	1/4	86,005	1/4	96,729
1/2	970	1/2	11,173	1/2	21,898	1/2	32,600	1/2	43,324	1/2	54,051	1/2	64,777	1/2	75,503	1/2	86,228	1/2	96,952
3/4	1,101	3/4	11,396	3/4	22,122	3/4	32,823	3/4	43,548	3/4	54,274	3/4	65,000	3/4	75,726	3/4	86,452	3/4	97,176
4	1,231	4	11,620	4	22,345	4	33,045	4	43,771	4	54,497	4	65,224	4	75,950	4	86,675	4	97,399
1/4	1,399	1/4	11,843	1/4	22,569	1/4	33,269	1/4	43,995	1/4	54,721	1/4	65,447	1/4	76,173	1/4	86,898	1/4	97,623
1/2	1,566	1/2	12,067	1/2	22,792	1/2	33,492	1/2	44,218	1/2	54,944	1/2	65,670	1/2	76,397	1/2	87,122	1/2	97,846
3/4	1,734	3/4	12,290	3/4	23,016	3/4	33,716	3/4	44,442	3/4	55,168	3/4	65,894	3/4	76,620	3/4	87,345	3/4	98,070
5	1,901	5	12,513	5	23,239	5	33,939	5	44,665	5	55,391	5	66,117	5	76,843	5	87,569	5	98,293
1/4	2,106	1/4	12,737	1/4	23,463	1/4	34,163	1/4	44,889	1/4	55,615	1/4	66,341	1/4	77,067	1/4	87,792	1/4	98,516
1/2	2,310	1/2	12,960	1/2	23,686	1/2	34,386	1/2	45,112	1/2	55,838	1/2	66,564	1/2	77,290	1/2	88,016	1/2	98,740
3/4	2,514	3/4	13,184	3/4	23,909	3/4	34,610	3/4	45,336	3/4	56,062	3/4	66,788	3/4	77,514	3/4	88,239	3/4	98,963
6	2,718	6	13,407	6	24,133	6	34,833	6	45,559	6	56,285	6	67,011	6	77,737	6	88,462	6	99,187
1/4	2,937	1/4	13,631	1/4	24,356	1/4	35,056	1/4	45,783	1/4	56,509	1/4	67,235	1/4	77,961	1/4	88,686	1/4	99,410
1/2	3,156	1/2	13,854	1/2	24,579	1/2	35,280	1/2	46,006	1/2	56,732	1/2	67,458	1/2	78,184	1/2	88,909	1/2	99,633
3/4	3,375	3/4	14,078	3/4	24,802	3/4	35,503	3/4	46,229	3/4	56,956	3/4	67,682	3/4	78,408	3/4	89,133	3/4	99,857
7	3,594	7	14,301	7	25,025	7	35,727	7	46,453	7	57,179	7	67,905	7	78,631	7	89,356	7	100,080
1/4	3,815	1/4	14,524	1/4	25,248	1/4	35,950	1/4	46,676	1/4	57,402	1/4	68,129	1/4	78,855	1/4	89,580	1/4	100,304
1/2	4,036	1/2	14,748	1/2	25,471	1/2	36,174	1/2	46,900	1/2	57,626	1/2	68,352	1/2	79,078	1/2	89,803	1/2	100,527
3/4	4,257	3/4	14,971	3/4	25,695	3/4	36,397	3/4	47,123	3/4	57,849	3/4	68,575	3/4	79,301	3/4	90,026	3/4	100,751
8	4,478	8	15,195	8	25,918	8	36,621	8	47,347	8	58,073	8	68,799	8	79,525	8	90,250	8	100,974
1/4	4,700	1/4	15,418	1/4	26,140	1/4	36,844	1/4	47,570	1/4	58,296	1/4	69,022	1/4	79,748	1/4	90,473	1/4	101,197
1/2	4,922	1/2	15,642	1/2	26,363	1/2	37,068	1/2	47,794	1/2	58,520	1/2	69,246	1/2	79,972	1/2	90,697	1/2	101,421
3/4	5,144	3/4	15,865	3/4	26,586	3/4	37,291	3/4	48,017	3/4	58,743	3/4	69,469	3/4	80,195	3/4	90,920	3/4	101,644
9	5,366	9	16,089	9	26,809	9	37,515	9	48,241	9	58,967	9	69,693	9	80,419	9	91,143	9	101,868
1/4	5,589	1/4	16,312	1/4	27,031	1/4	37,738	1/4	48,464	1/4	59,190	1/4	69,916	1/4	80,642	1/4	91,367	1/4	102,091
1/2	5,812	1/2	16,536	1/2	27,254	1/2	37,961	1/2	48,688	1/2	59,414	1/2	70,140	1/2	80,866	1/2	91,590	1/2	102,315
3/4	6,035	3/4	16,759	3/4	27,477	3/4	38,185	3/4	48,911	3/4	59,637	3/4	70,363	3/4	81,089	3/4	91,814	3/4	102,538
10	6,258	10	16,982	10	27,700	10	38,408	10	49,134	10	59,861	10	70,587	10	81,313	10	92,037	10	102,761
1/4	6,481	1/4	17,206	1/4	27,922	1/4	38,632	1/4	49,358	1/4	60,084	1/4	70,810	1/4	81,536	1/4	92,261	1/4	102,985
1/2	6,704	1/2	17,429	1/2	28,145	1/2	38,855	1/2	49,581	1/2	60,307	1/2	71,033	1/2	81,760	1/2	92,484	1/2	103,208
3/4	6,927	3/4	17,653	3/4	28,368	3/4	39,079	3/4	49,805	3/4	60,531	3/4	71,257	3/4	81,983	3/4	92,707	3/4	103,432
11	7,151	11	17,876	11	28,591	11	39,302	11	50,028	11	60,754	11	71,480	11	82,206	11	92,931	11	103,655
1/4	7,374	1/4	18,100	1/4	28,813	1/4	39,526	1/4	50,252	1/4	60,978	1/4	71,704	1/4	82,430	1/4	93,154	1/4	103,879
1/2	7,598	1/2	18,323	1/2	29,036	1/2	39,749	1/2	50,475	1/2	61,201	1/2	71,927	1/2	82,653	1/2	93,378	1/2	104,102
3/4	7,821	3/4	18,547	3/4	29,259	3/4	39,973	3/4	50,699	3/4	61,425	3/4	72,151	3/4	82,877	3/4	93,601	3/4	104,325

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1368"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	104,549	0	115,273	0	125,997	0	136,663	0	147,295	0		0		0		0		0	
1/4	104,772	1/4	115,496	1/4	126,219	1/4	136,885	1/4	147,515	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,996	1/2	115,720	1/2	126,442	1/2	137,107	1/2	147,736	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,219	3/4	115,943	3/4	126,664	3/4	137,329	3/4	147,956	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,442	1	116,167	1	126,886	1	137,551	1	148,176	1	1	1	1	1	1	1	1	1	1
1/4	105,666	1/4	116,390	1/4	127,108	1/4	137,774	1/4	148,396	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,889	1/2	116,614	1/2	127,330	1/2	137,996	1/2	148,616	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,113	3/4	116,837	3/4	127,553	3/4	138,218	3/4	148,836	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,336	2	117,060	2	127,775	2	138,440	2	149,056	2	2	2	2	2	2	2	2	2	2
1/4	106,560	1/4	117,284	1/4	127,997	1/4	138,662	1/4	149,258	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,783	1/2	117,507	1/2	128,219	1/2	138,885	1/2	149,459	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,006	3/4	117,731	3/4	128,441	3/4	139,107	3/4	149,661	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,230	3	117,954	3	128,664	3	139,329	3	149,863	3	3	3	3	3	3	3	3	3	3
1/4	107,453	1/4	118,177	1/4	128,886	1/4	139,551	1/4	150,027	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,677	1/2	118,401	1/2	129,108	1/2	139,773	1/2	150,191	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,900	3/4	118,624	3/4	129,330	3/4	139,996	3/4	150,355	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,124	4	118,848	4	129,552	4	140,218	4	150,520	4	4	4	4	4	4	4	4	4	4
1/4	108,347	1/4	119,071	1/4	129,775	1/4	140,440	1/4	150,647	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,570	1/2	119,295	1/2	129,997	1/2	140,662	1/2	150,774	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,794	3/4	119,518	3/4	130,219	3/4	140,884	3/4	150,901	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,017	5	119,741	5	130,441	5	141,107	5	151,028	5	5	5	5	5	5	5	5	5	5
1/4	109,241	1/4	119,965	1/4	130,663	1/4	141,329	1/4	151,118	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,464	1/2	120,188	1/2	130,886	1/2	141,551	1/2	151,207	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,687	3/4	120,412	3/4	131,108	3/4	141,773	3/4	151,297	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,911	6	120,635	6	131,330	6	141,995	6	151,387	6	6	6	6	6	6	6	6	6	6
1/4	110,134	1/4	120,859	1/4	131,552	1/4	142,218	1/4	151,439	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,358	1/2	121,082	1/2	131,774	1/2	142,440	1/2	151,492	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,581	3/4	121,305	3/4	131,997	3/4	142,662	3/4	151,545	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,805	7	121,529	7	132,219	7	142,884	7	151,597	7	7	7	7	7	7	7	7	7	7
1/4	111,028	1/4	121,752	1/4	132,441	1/4	143,106	1/4	151,612	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,251	1/2	121,976	1/2	132,663	1/2	143,329	1/2	151,628	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,475	3/4	122,199	3/4	132,885	3/4	143,551	3/4	151,643	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,698	8	122,423	8	133,108	8	143,773	8	151,658	8	8	8	8	8	8	8	8	8	8
1/4	111,922	1/4	122,646	1/4	133,330	1/4	143,993	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,145	1/2	122,869	1/2	133,552	1/2	144,213	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,369	3/4	123,093	3/4	133,774	3/4	144,433	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,592	9	123,316	9	133,996	9	144,654	9		9	9	9	9	9	9	9	9	9	9
1/4	112,815	1/4	123,540	1/4	134,219	1/4	144,874	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	123,763	1/2	134,441	1/2	145,094	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,262	3/4	123,986	3/4	134,663	3/4	145,314	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,486	10	124,210	10	134,885	10	145,534	10		10	10	10	10	10	10	10	10	10	10
1/4	113,709	1/4	124,433	1/4	135,107	1/4	145,754	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,932	1/2	124,657	1/2	135,330	1/2	145,974	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,156	3/4	124,880	3/4	135,552	3/4	146,195	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,379	11	125,104	11	135,774	11	146,415	11		11	11	11	11	11	11	11	11	11	11
1/4	114,603	1/4	125,327	1/4	135,996	1/4	146,635	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,826	1/2	125,550	1/2	136,218	1/2	146,855	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,050	3/4	125,774	3/4	136,440	3/4	147,075	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: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 1368"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 CENTER IS 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

October 16, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 1368"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	139,900	0	130,497	0	121,079	0	111,642	0	101,150	0	90,407	0	79,664
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,993	1/4	139,706	1/4	130,302	1/4	111,445	1/4	100,927	1/4	90,184	1/4	79,440
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,977	1/2	139,510	1/2	130,106	1/2	111,249	1/2	100,703	1/2	89,960	1/2	79,216
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,961	3/4	139,314	3/4	129,911	3/4	111,052	3/4	100,479	3/4	89,736	3/4	78,992
1		1		1		1	146,945	1	139,118	1	129,715	1	110,856	1	100,255	1	89,512	1	78,769
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,929	1/4	138,922	1/4	129,520	1/4	110,659	1/4	100,031	1/4	89,288	1/4	78,545
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,875	1/2	138,725	1/2	129,324	1/2	110,463	1/2	99,808	1/2	89,065	1/2	78,321
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,822	3/4	138,529	3/4	129,129	3/4	110,266	3/4	99,584	3/4	88,841	3/4	78,097
2		2		2		2	146,769	2	138,333	2	128,933	2	110,070	2	99,360	2	88,617	2	77,873
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,715	1/4	138,137	1/4	128,738	1/4	109,873	1/4	99,136	1/4	88,393	1/4	77,649
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,624	1/2	137,941	1/2	128,542	1/2	109,650	1/2	98,912	1/2	88,169	1/2	77,426
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,533	3/4	137,745	3/4	128,345	3/4	109,426	3/4	98,689	3/4	87,946	3/4	77,202
3		3		3		3	146,443	3	137,548	3	128,149	3	109,203	3	98,465	3	87,722	3	76,978
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,352	1/4	137,352	1/4	127,953	1/4	108,979	1/4	98,241	1/4	87,498	1/4	76,754
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,224	1/2	137,156	1/2	127,757	1/2	108,755	1/2	98,017	1/2	87,274	1/2	76,531
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,095	3/4	136,960	3/4	127,561	3/4	108,532	3/4	97,793	3/4	87,050	3/4	76,308
4		4		4		4	145,967	4	136,764	4	127,365	4	108,308	4	97,569	4	86,826	4	76,085
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,839	1/4	136,568	1/4	127,168	1/4	108,085	1/4	97,346	1/4	86,603	1/4	75,862
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,673	1/2	136,371	1/2	126,972	1/2	107,861	1/2	97,122	1/2	86,379	1/2	75,639
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,508	3/4	136,175	3/4	126,776	3/4	107,638	3/4	96,898	3/4	86,155	3/4	75,417
5		5		5		5	145,342	5	135,979	5	126,580	5	107,414	5	96,674	5	85,931	5	75,194
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,177	1/4	135,783	1/4	126,384	1/4	107,190	1/4	96,450	1/4	85,707	1/4	74,972
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,974	1/2	135,587	1/2	126,188	1/2	106,967	1/2	96,227	1/2	85,484	1/2	74,750
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,771	3/4	135,391	3/4	125,991	3/4	106,743	3/4	96,003	3/4	85,260	3/4	74,527
6		6		6		6	144,568	6	135,194	6	125,795	6	106,520	6	95,779	6	85,036	6	74,305
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,365	1/4	134,998	1/4	125,599	1/4	106,296	1/4	95,555	1/4	84,812	1/4	74,082
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,171	1/2	134,802	1/2	125,403	1/2	106,073	1/2	95,331	1/2	84,588	1/2	73,860
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,976	3/4	134,606	3/4	125,207	3/4	105,849	3/4	95,108	3/4	84,365	3/4	73,638
7		7		7		7	143,782	7	134,410	7	125,011	7	105,626	7	94,884	7	84,141	7	73,415
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,588	1/4	134,214	1/4	124,814	1/4	105,402	1/4	94,660	1/4	83,917	1/4	73,193
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,394	1/2	134,017	1/2	124,618	1/2	105,178	1/2	94,436	1/2	83,693	1/2	72,970
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,200	3/4	133,821	3/4	124,422	3/4	104,955	3/4	94,212	3/4	83,469	3/4	72,748
8		8		8		8	143,006	8	133,625	8	124,226	8	104,731	8	93,988	8	83,245	8	72,526
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,812	1/4	133,429	1/4	124,030	1/4	104,508	1/4	93,765	1/4	83,022	1/4	72,303
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,618	1/2	133,234	1/2	123,833	1/2	104,284	1/2	93,541	1/2	82,798	1/2	72,081
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,424	3/4	133,038	3/4	123,636	3/4	104,060	3/4	93,317	3/4	82,574	3/4	71,858
9		9		9		9	142,230	9	132,843	9	123,440	9	103,836	9	93,093	9	82,350	9	71,636
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,035	1/4	132,647	1/4	123,243	1/4	103,612	1/4	92,869	1/4	82,126	1/4	71,414
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,841	1/2	132,452	1/2	123,046	1/2	103,389	1/2	92,646	1/2	81,902	1/2	71,191
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,647	3/4	132,256	3/4	122,850	3/4	103,165	3/4	92,422	3/4	81,679	3/4	70,969
10		10		10		10	141,453	10	132,061	10	122,653	10	102,941	10	92,198	10	81,455	10	70,746
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,259	1/4	131,865	1/4	122,456	1/4	102,717	1/4	91,974	1/4	81,231	1/4	70,524
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,065	1/2	131,670	1/2	122,260	1/2	102,493	1/2	91,750	1/2	81,007	1/2	70,302
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,871	3/4	131,474	3/4	122,063	3/4	102,270	3/4	91,527	3/4	80,783	3/4	70,079
11		11		11		11	140,677	11	131,279	11	121,866	11	102,046	11	91,303	11	80,559	11	69,857
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,483	1/4	131,083	1/4	121,669	1/4	101,822	1/4	91,079	1/4	80,336	1/4	69,634
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,289	1/2	130,888	1/2	121,473	1/2	101,598	1/2	90,855	1/2	80,112	1/2	69,411
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,095	3/4	130,692	3/4	121,276	3/4	101,374	3/4	90,631	3/4	79,888	3/4	69,188

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

<http://www.pmacorp.net>



BARGE "CBC 1368"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,965	0	58,231	0	47,491	0	36,751	0	26,191	0	15,478	0	4,718	0		0		0	
1/4	68,742	1/4	58,007	1/4	47,267	1/4	36,527	1/4	25,973	1/4	15,254	1/4	4,495	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,519	1/2	57,783	1/2	47,043	1/2	36,304	1/2	25,755	1/2	15,029	1/2	4,273	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,295	3/4	57,559	3/4	46,820	3/4	36,080	3/4	25,537	3/4	14,805	3/4	4,051	3/4	3/4	3/4	3/4	3/4	3/4
1	68,072	1	57,336	1	46,596	1	35,856	1	25,318	1	14,581	1	3,830	1	1	1	1	1	1
1/4	67,849	1/4	57,112	1/4	46,372	1/4	35,632	1/4	25,100	1/4	14,356	1/4	3,608	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,626	1/2	56,888	1/2	46,148	1/2	35,409	1/2	24,882	1/2	14,132	1/2	3,388	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,403	3/4	56,664	3/4	45,925	3/4	35,185	3/4	24,663	3/4	13,908	3/4	3,168	3/4	3/4	3/4	3/4	3/4	3/4
2	67,180	2	56,441	2	45,701	2	34,961	2	24,445	2	13,683	2	2,948	2	2	2	2	2	2
1/4	66,957	1/4	56,217	1/4	45,477	1/4	34,737	1/4	24,227	1/4	13,459	1/4	2,728	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,733	1/2	55,993	1/2	45,253	1/2	34,514	1/2	24,002	1/2	13,235	1/2	2,523	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,509	3/4	55,769	3/4	45,030	3/4	34,290	3/4	23,778	3/4	13,010	3/4	2,318	3/4	3/4	3/4	3/4	3/4	3/4
3	66,285	3	55,546	3	44,806	3	34,066	3	23,554	3	12,786	3	2,113	3	3	3	3	3	3
1/4	66,062	1/4	55,322	1/4	44,582	1/4	33,842	1/4	23,329	1/4	12,562	1/4	1,908	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,838	1/2	55,098	1/2	44,358	1/2	33,619	1/2	23,105	1/2	12,337	1/2	1,740	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,614	3/4	54,874	3/4	44,135	3/4	33,395	3/4	22,881	3/4	12,113	3/4	1,572	3/4	3/4	3/4	3/4	3/4	3/4
4	65,390	4	54,651	4	43,911	4	33,171	4	22,656	4	11,889	4	1,404	4	4	4	4	4	4
1/4	65,167	1/4	54,427	1/4	43,687	1/4	32,947	1/4	22,432	1/4	11,665	1/4	1,235	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,943	1/2	54,203	1/2	43,463	1/2	32,730	1/2	22,208	1/2	11,440	1/2	1,105	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,719	3/4	53,979	3/4	43,240	3/4	32,512	3/4	21,983	3/4	11,216	3/4	974	3/4	3/4	3/4	3/4	3/4	3/4
5	64,495	5	53,756	5	43,016	5	32,294	5	21,759	5	10,992	5	843	5	5	5	5	5	5
1/4	64,272	1/4	53,532	1/4	42,792	1/4	32,076	1/4	21,535	1/4	10,767	1/4	712	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,048	1/2	53,308	1/2	42,568	1/2	31,858	1/2	21,310	1/2	10,543	1/2	619	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,824	3/4	53,084	3/4	42,345	3/4	31,640	3/4	21,086	3/4	10,319	3/4	525	3/4	3/4	3/4	3/4	3/4	3/4
6	63,600	6	52,861	6	42,121	6	31,422	6	20,862	6	10,094	6	432	6	6	6	6	6	6
1/4	63,377	1/4	52,637	1/4	41,897	1/4	31,204	1/4	20,637	1/4	9,870	1/4	338	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,153	1/2	52,413	1/2	41,673	1/2	30,986	1/2	20,413	1/2	9,646	1/2	282	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,929	3/4	52,189	3/4	41,450	3/4	30,768	3/4	20,189	3/4	9,421	3/4	226	3/4	3/4	3/4	3/4	3/4	3/4
7	62,705	7	51,966	7	41,226	7	30,550	7	19,965	7	9,197	7	170	7	7	7	7	7	7
1/4	62,482	1/4	51,742	1/4	41,002	1/4	30,332	1/4	19,740	1/4	8,973	1/4	114	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,258	1/2	51,518	1/2	40,779	1/2	30,114	1/2	19,516	1/2	8,748	1/2	95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,034	3/4	51,294	3/4	40,555	3/4	29,896	3/4	19,292	3/4	8,524	3/4	77	3/4	3/4	3/4	3/4	3/4	3/4
8	61,810	8	51,071	8	40,331	8	29,678	8	19,067	8	8,300	8	58	8	8	8	8	8	8
1/4	61,587	1/4	50,847	1/4	40,107	1/4	29,460	1/4	18,843	1/4	8,075	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,363	1/2	50,623	1/2	39,884	1/2	29,242	1/2	18,619	1/2	7,851	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,139	3/4	50,400	3/4	39,660	3/4	29,025	3/4	18,394	3/4	7,627	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,915	9	50,176	9	39,436	9	28,807	9	18,170	9	7,402	9		9	9	9	9	9	9
1/4	60,692	1/4	49,952	1/4	39,212	1/4	28,589	1/4	17,946	1/4	7,178	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,468	1/2	49,728	1/2	38,989	1/2	28,371	1/2	17,721	1/2	6,954	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,244	3/4	49,505	3/4	38,765	3/4	28,153	3/4	17,497	3/4	6,730	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,020	10	49,281	10	38,541	10	27,935	10	17,273	10	6,506	10		10	10	10	10	10	10
1/4	59,797	1/4	49,057	1/4	38,317	1/4	27,717	1/4	17,048	1/4	6,282	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,573	1/2	48,833	1/2	38,094	1/2	27,499	1/2	16,824	1/2	6,058	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,349	3/4	48,610	3/4	37,870	3/4	27,281	3/4	16,600	3/4	5,834	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	59,126	11	48,386	11	37,646	11	27,063	11	16,375	11	5,611	11		11	11	11	11	11	11
1/4	58,902	1/4	48,162	1/4	37,422	1/4	26,845	1/4	16,151	1/4	5,387	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,678	1/2	47,938	1/2	37,199	1/2	26,627	1/2	15,927	1/2	5,164	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,454	3/4	47,715	3/4	36,975	3/4	26,409	3/4	15,702	3/4	4,941	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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



BARGE "CBC 1368"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	
0		0		0		0	162,514	0	150,522	0	138,503	0	126,435	0	114,367	0	102,298	0	90,229
1/4	1/4	1/4	1/4	1/4	1/4	1/4	162,266	1/4	150,271	1/4	138,252	1/4	126,184	1/4	114,115	1/4	102,047	1/4	89,978
1/2	1/2	1/2	1/2	1/2	1/2	1/2	162,018	1/2	150,021	1/2	138,001	1/2	125,932	1/2	113,864	1/2	101,795	1/2	89,726
3/4	3/4	3/4	3/4	3/4	3/4	3/4	161,770	3/4	149,771	3/4	137,749	3/4	125,681	3/4	113,612	3/4	101,544	3/4	89,475
1		1		1	170,396	1	161,523	1	149,521	1	137,498	1	125,429	1	113,361	1	101,292	1	89,223
1/4	1/4	1/4	1/4	1/4	170,378	1/4	161,273	1/4	149,271	1/4	137,246	1/4	125,178	1/4	113,109	1/4	101,041	1/4	88,972
1/2	1/2	1/2	1/2	1/2	170,361	1/2	161,023	1/2	149,021	1/2	136,995	1/2	124,926	1/2	112,858	1/2	100,790	1/2	88,720
3/4	3/4	3/4	3/4	3/4	170,344	3/4	160,773	3/4	148,771	3/4	136,743	3/4	124,675	3/4	112,607	3/4	100,538	3/4	88,469
2		2		2	170,327	2	160,523	2	148,521	2	136,492	2	124,424	2	112,355	2	100,287	2	88,218
1/4	1/4	1/4	1/4	1/4	170,268	1/4	160,273	1/4	148,271	1/4	136,241	1/4	124,172	1/4	112,104	1/4	100,035	1/4	87,966
1/2	1/2	1/2	1/2	1/2	170,208	1/2	160,023	1/2	148,021	1/2	135,989	1/2	123,921	1/2	111,852	1/2	99,784	1/2	87,715
3/4	3/4	3/4	3/4	3/4	170,149	3/4	159,773	3/4	147,771	3/4	135,738	3/4	123,669	3/4	111,601	3/4	99,533	3/4	87,463
3		3		3	170,090	3	159,523	3	147,521	3	135,486	3	123,418	3	111,349	3	99,281	3	87,212
1/4	1/4	1/4	1/4	1/4	169,989	1/4	159,272	1/4	147,271	1/4	135,235	1/4	123,166	1/4	111,098	1/4	99,030	1/4	86,960
1/2	1/2	1/2	1/2	1/2	169,888	1/2	159,022	1/2	147,021	1/2	134,983	1/2	122,915	1/2	110,847	1/2	98,778	1/2	86,709
3/4	3/4	3/4	3/4	3/4	169,787	3/4	158,772	3/4	146,771	3/4	134,732	3/4	122,664	3/4	110,595	3/4	98,527	3/4	86,457
4		4		4	169,686	4	158,522	4	146,521	4	134,481	4	122,412	4	110,344	4	98,275	4	86,206
1/4	1/4	1/4	1/4	1/4	169,543	1/4	158,272	1/4	146,271	1/4	134,229	1/4	122,161	1/4	110,092	1/4	98,024	1/4	85,954
1/2	1/2	1/2	1/2	1/2	169,400	1/2	158,022	1/2	146,021	1/2	133,978	1/2	121,909	1/2	109,841	1/2	97,773	1/2	85,703
3/4	3/4	3/4	3/4	3/4	169,257	3/4	157,772	3/4	145,771	3/4	133,726	3/4	121,658	3/4	109,590	3/4	97,521	3/4	85,451
5		5		5	169,114	5	157,522	5	145,521	5	133,475	5	121,407	5	109,338	5	97,270	5	85,200
1/4	1/4	1/4	1/4	1/4	168,930	1/4	157,272	1/4	145,271	1/4	133,223	1/4	121,155	1/4	109,087	1/4	97,018	1/4	84,948
1/2	1/2	1/2	1/2	1/2	168,745	1/2	157,022	1/2	145,021	1/2	132,972	1/2	120,904	1/2	108,835	1/2	96,767	1/2	84,697
3/4	3/4	3/4	3/4	3/4	168,560	3/4	156,772	3/4	144,771	3/4	132,721	3/4	120,652	3/4	108,584	3/4	96,515	3/4	84,445
6		6		6	168,375	6	156,522	6	144,521	6	132,469	6	120,401	6	108,332	6	96,264	6	84,194
1/4	1/4	1/4	1/4	1/4	168,148	1/4	156,272	1/4	144,271	1/4	132,218	1/4	120,149	1/4	108,081	1/4	96,013	1/4	83,943
1/2	1/2	1/2	1/2	1/2	167,921	1/2	156,022	1/2	144,021	1/2	131,966	1/2	119,898	1/2	107,830	1/2	95,761	1/2	83,691
3/4	3/4	3/4	3/4	3/4	167,695	3/4	155,772	3/4	143,771	3/4	131,715	3/4	119,647	3/4	107,578	3/4	95,510	3/4	83,440
7		7		7	167,468	7	155,522	7	143,521	7	131,464	7	119,395	7	107,327	7	95,258	7	83,188
1/4	1/4	1/4	1/4	1/4	167,220	1/4	155,272	1/4	143,271	1/4	131,212	1/4	119,144	1/4	107,075	1/4	95,007	1/4	82,937
1/2	1/2	1/2	1/2	1/2	166,972	1/2	155,022	1/2	143,021	1/2	130,961	1/2	118,892	1/2	106,824	1/2	94,755	1/2	82,685
3/4	3/4	3/4	3/4	3/4	166,725	3/4	154,772	3/4	142,771	3/4	130,709	3/4	118,641	3/4	106,572	3/4	94,504	3/4	82,434
8		8		8	166,477	8	154,522	8	142,521	8	130,458	8	118,389	8	106,321	8	94,253	8	82,182
1/4	1/4	1/4	1/4	1/4	166,229	1/4	154,272	1/4	142,271	1/4	130,206	1/4	118,138	1/4	106,070	1/4	94,001	1/4	81,931
1/2	1/2	1/2	1/2	1/2	165,982	1/2	154,022	1/2	142,021	1/2	129,955	1/2	117,887	1/2	105,818	1/2	93,750	1/2	81,679
3/4	3/4	3/4	3/4	3/4	165,734	3/4	153,772	3/4	141,771	3/4	129,704	3/4	117,635	3/4	105,567	3/4	93,498	3/4	81,428
9		9		9	165,486	9	153,522	9	141,521	9	129,452	9	117,384	9	105,315	9	93,247	9	81,176
1/4	1/4	1/4	1/4	1/4	165,238	1/4	153,272	1/4	141,269	1/4	129,201	1/4	117,132	1/4	105,064	1/4	92,995	1/4	80,925
1/2	1/2	1/2	1/2	1/2	164,991	1/2	153,022	1/2	141,018	1/2	128,949	1/2	116,881	1/2	104,812	1/2	92,744	1/2	80,673
3/4	3/4	3/4	3/4	3/4	164,743	3/4	152,772	3/4	140,766	3/4	128,698	3/4	116,629	3/4	104,561	3/4	92,492	3/4	80,422
10		10		10	164,495	10	152,522	10	140,515	10	128,446	10	116,378	10	104,310	10	92,241	10	80,171
1/4	1/4	1/4	1/4	1/4	164,248	1/4	152,272	1/4	140,263	1/4	128,195	1/4	116,127	1/4	104,058	1/4	91,990	1/4	79,919
1/2	1/2	1/2	1/2	1/2	164,000	1/2	152,022	1/2	140,012	1/2	127,944	1/2	115,875	1/2	103,807	1/2	91,738	1/2	79,668
3/4	3/4	3/4	3/4	3/4	163,752	3/4	151,772	3/4	139,761	3/4	127,692	3/4	115,624	3/4	103,555	3/4	91,487	3/4	79,416
11		11		11	163,504	11	151,522	11	139,509	11	127,441	11	115,372	11	103,304	11	91,235	11	79,165
1/4	1/4	1/4	1/4	1/4	163,257	1/4	151,272	1/4	139,258	1/4	127,189	1/4	115,121	1/4	103,052	1/4	90,984	1/4	78,913
1/2	1/2	1/2	1/2	1/2	163,009	1/2	151,022	1/2	139,006	1/2	126,938	1/2	114,869	1/2	102,801	1/2	90,732	1/2	78,662
3/4	3/4	3/4	3/4	3/4	162,761	3/4	150,772	3/4	138,755	3/4	126,686	3/4	114,618	3/4	102,550	3/4	90,481	3/4	78,410

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

<http://www.pmacorp.net>



BARGE "CBC 1368"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	78,159	0	66,088	0	54,018	0	41,947	0	30,113	0	18,100	0	6,034	0		0		0	
1/4	77,907	1/4	65,837	1/4	53,766	1/4	41,696	1/4	29,869	1/4	17,849	1/4	5,784	1/4	1/4	1/4		1/4	1/4
1/2	77,656	1/2	65,585	1/2	53,515	1/2	41,444	1/2	29,624	1/2	17,597	1/2	5,534	1/2	1/2	1/2		1/2	1/2
3/4	77,404	3/4	65,334	3/4	53,263	3/4	41,193	3/4	29,380	3/4	17,346	3/4	5,284	3/4	3/4	3/4		3/4	3/4
1	77,153	1	65,082	1	53,012	1	40,941	1	29,136	1	17,095	1	5,034	1	1	1		1	1
1/4	76,901	1/4	64,831	1/4	52,760	1/4	40,690	1/4	28,892	1/4	16,843	1/4	4,786	1/4	1/4	1/4		1/4	1/4
1/2	76,650	1/2	64,579	1/2	52,509	1/2	40,438	1/2	28,648	1/2	16,592	1/2	4,537	1/2	1/2	1/2		1/2	1/2
3/4	76,398	3/4	64,328	3/4	52,257	3/4	40,187	3/4	28,403	3/4	16,340	3/4	4,289	3/4	3/4	3/4		3/4	3/4
2	76,147	2	64,077	2	52,006	2	39,936	2	28,159	2	16,089	2	4,040	2	2	2		2	2
1/4	75,896	1/4	63,825	1/4	51,755	1/4	39,684	1/4	27,907	1/4	15,837	1/4	3,793	1/4	1/4	1/4		1/4	1/4
1/2	75,644	1/2	63,574	1/2	51,503	1/2	39,433	1/2	27,656	1/2	15,586	1/2	3,547	1/2	1/2	1/2		1/2	1/2
3/4	75,393	3/4	63,322	3/4	51,252	3/4	39,181	3/4	27,404	3/4	15,334	3/4	3,300	3/4	3/4	3/4		3/4	3/4
3	75,141	3	63,071	3	51,000	3	38,930	3	27,153	3	15,083	3	3,054	3	3	3		3	3
1/4	74,890	1/4	62,819	1/4	50,749	1/4	38,678	1/4	26,901	1/4	14,831	1/4	2,824	1/4	1/4	1/4		1/4	1/4
1/2	74,638	1/2	62,568	1/2	50,497	1/2	38,427	1/2	26,650	1/2	14,580	1/2	2,594	1/2	1/2	1/2		1/2	1/2
3/4	74,387	3/4	62,316	3/4	50,246	3/4	38,175	3/4	26,399	3/4	14,328	3/4	2,365	3/4	3/4	3/4		3/4	3/4
4	74,135	4	62,065	4	49,994	4	37,924	4	26,147	4	14,077	4	2,135	4	4	4		4	4
1/4	73,884	1/4	61,813	1/4	49,743	1/4	37,679	1/4	25,896	1/4	13,826	1/4	1,946	1/4	1/4	1/4		1/4	1/4
1/2	73,632	1/2	61,562	1/2	49,491	1/2	37,435	1/2	25,644	1/2	13,574	1/2	1,757	1/2	1/2	1/2		1/2	1/2
3/4	73,381	3/4	61,310	3/4	49,240	3/4	37,191	3/4	25,393	3/4	13,323	3/4	1,569	3/4	3/4	3/4		3/4	3/4
5	73,129	5	61,059	5	48,988	5	36,946	5	25,141	5	13,071	5	1,380	5	5	5		5	5
1/4	72,878	1/4	60,807	1/4	48,737	1/4	36,702	1/4	24,890	1/4	12,820	1/4	1,234	1/4	1/4	1/4		1/4	1/4
1/2	72,626	1/2	60,556	1/2	48,485	1/2	36,458	1/2	24,638	1/2	12,568	1/2	1,087	1/2	1/2	1/2		1/2	1/2
3/4	72,375	3/4	60,304	3/4	48,234	3/4	36,214	3/4	24,387	3/4	12,317	3/4	940	3/4	3/4	3/4		3/4	3/4
6	72,124	6	60,053	6	47,983	6	35,970	6	24,135	6	12,065	6	794	6	6	6		6	6
1/4	71,872	1/4	59,802	1/4	47,731	1/4	35,726	1/4	23,884	1/4	11,814	1/4	689	1/4	1/4	1/4		1/4	1/4
1/2	71,621	1/2	59,550	1/2	47,480	1/2	35,482	1/2	23,632	1/2	11,562	1/2	584	1/2	1/2	1/2		1/2	1/2
3/4	71,369	3/4	59,299	3/4	47,228	3/4	35,238	3/4	23,381	3/4	11,311	3/4	479	3/4	3/4	3/4		3/4	3/4
7	71,118	7	59,047	7	46,977	7	34,994	7	23,130	7	11,059	7	375	7	7	7		7	7
1/4	70,866	1/4	58,796	1/4	46,725	1/4	34,750	1/4	22,878	1/4	10,808	1/4	312	1/4	1/4	1/4		1/4	1/4
1/2	70,615	1/2	58,544	1/2	46,474	1/2	34,506	1/2	22,627	1/2	10,557	1/2	249	1/2	1/2	1/2		1/2	1/2
3/4	70,363	3/4	58,293	3/4	46,222	3/4	34,262	3/4	22,375	3/4	10,305	3/4	186	3/4	3/4	3/4		3/4	3/4
8	70,112	8	58,041	8	45,971	8	34,017	8	22,124	8	10,054	8	123	8	8	8		8	8
1/4	69,860	1/4	57,790	1/4	45,719	1/4	33,773	1/4	21,872	1/4	9,802	1/4	102	1/4	1/4	1/4		1/4	1/4
1/2	69,609	1/2	57,538	1/2	45,468	1/2	33,529	1/2	21,621	1/2	9,551	1/2	81	1/2	1/2	1/2		1/2	1/2
3/4	69,357	3/4	57,287	3/4	45,216	3/4	33,285	3/4	21,369	3/4	9,299	3/4	60	3/4	3/4	3/4		3/4	3/4
9	69,106	9	57,035	9	44,965	9	33,041	9	21,118	9	9,048	9	39	9	9	9		9	9
1/4	68,854	1/4	56,784	1/4	44,713	1/4	32,797	1/4	20,866	1/4	8,796	1/4		1/4	1/4	1/4		1/4	1/4
1/2	68,603	1/2	56,532	1/2	44,462	1/2	32,553	1/2	20,615	1/2	8,545	1/2		1/2	1/2	1/2		1/2	1/2
3/4	68,351	3/4	56,281	3/4	44,210	3/4	32,309	3/4	20,364	3/4	8,294	3/4		3/4	3/4	3/4		3/4	3/4
10	68,100	10	56,030	10	43,959	10	32,065	10	20,112	10	8,042	10		10	10	10		10	10
1/4	67,849	1/4	55,778	1/4	43,708	1/4	31,821	1/4	19,861	1/4	7,791	1/4		1/4	1/4	1/4		1/4	1/4
1/2	67,597	1/2	55,527	1/2	43,456	1/2	31,577	1/2	19,609	1/2	7,540	1/2		1/2	1/2	1/2		1/2	1/2
3/4	67,346	3/4	55,275	3/4	43,205	3/4	31,333	3/4	19,358	3/4	7,288	3/4		3/4	3/4	3/4		3/4	3/4
11	67,094	11	55,024	11	42,953	11	31,089	11	19,106	11	7,037	11		11	11	11		11	11
1/4	66,843	1/4	54,772	1/4	42,702	1/4	30,845	1/4	18,855	1/4	6,786	1/4		1/4	1/4	1/4		1/4	1/4
1/2	66,591	1/2	54,521	1/2	42,450	1/2	30,601	1/2	18,603	1/2	6,536	1/2		1/2	1/2	1/2		1/2	1/2
3/4	66,340	3/4	54,269	3/4	42,199	3/4	30,357	3/4	18,352	3/4	6,285	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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



BARGE "CBC 1368"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	
0		0		0		0	144,433	0	133,774	0	123,093	0	112,369	0	101,644	0	90,920	0	80,195
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,213	1/4	133,552	1/4	122,869	1/4	112,145	1/4	101,421	1/4	90,697	1/4	79,972
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,993	1/2	133,330	1/2	122,646	1/2	111,922	1/2	101,197	1/2	90,473	1/2	79,748
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,658	3/4	143,773	3/4	133,108	3/4	122,423	3/4	111,698	3/4	100,974	3/4	79,525
1		1		1		1	151,643	1	143,551	1	132,885	1	122,199	1	111,475	1	100,751	1	90,026
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,628	1/4	143,329	1/4	132,663	1/4	121,976	1/4	111,251	1/4	100,527	1/4	89,803
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,612	1/2	143,106	1/2	132,441	1/2	121,752	1/2	111,028	1/2	100,304	1/2	89,580
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,597	3/4	142,884	3/4	132,219	3/4	121,529	3/4	110,805	3/4	100,080	3/4	89,356
2		2		2		2	151,545	2	142,662	2	131,997	2	121,305	2	110,581	2	99,857	2	89,133
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,492	1/4	142,440	1/4	131,774	1/4	121,082	1/4	110,358	1/4	99,633	1/4	88,909
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,439	1/2	142,218	1/2	131,552	1/2	120,859	1/2	110,134	1/2	99,410	1/2	88,686
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,387	3/4	141,995	3/4	131,330	3/4	120,635	3/4	109,911	3/4	99,187	3/4	88,462
3		3		3		3	151,297	3	141,773	3	131,108	3	120,412	3	109,687	3	98,963	3	88,239
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,207	1/4	141,551	1/4	130,886	1/4	120,188	1/4	109,464	1/4	98,740	1/4	88,016
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,118	1/2	141,329	1/2	130,663	1/2	119,965	1/2	109,241	1/2	98,516	1/2	87,792
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,028	3/4	141,107	3/4	130,441	3/4	119,741	3/4	109,017	3/4	98,293	3/4	87,569
4		4		4		4	150,901	4	140,884	4	130,219	4	119,518	4	108,794	4	98,070	4	87,345
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,774	1/4	140,662	1/4	129,997	1/4	119,295	1/4	108,570	1/4	97,846	1/4	87,122
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,647	1/2	140,440	1/2	129,775	1/2	119,071	1/2	108,347	1/2	97,623	1/2	86,898
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,520	3/4	140,218	3/4	129,552	3/4	118,848	3/4	108,124	3/4	97,399	3/4	86,675
5		5		5		5	150,355	5	139,996	5	129,330	5	118,624	5	107,900	5	97,176	5	86,452
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,191	1/4	139,773	1/4	129,108	1/4	118,401	1/4	107,677	1/4	96,952	1/4	86,228
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,027	1/2	139,551	1/2	128,886	1/2	118,177	1/2	107,453	1/2	96,729	1/2	86,005
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,863	3/4	139,329	3/4	128,664	3/4	117,954	3/4	107,230	3/4	96,506	3/4	85,781
6		6		6		6	149,661	6	139,107	6	128,441	6	117,731	6	107,006	6	96,282	6	85,558
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,459	1/4	138,885	1/4	128,219	1/4	117,507	1/4	106,783	1/4	96,059	1/4	85,335
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,258	1/2	138,662	1/2	127,997	1/2	117,284	1/2	106,560	1/2	95,835	1/2	85,111
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,056	3/4	138,440	3/4	127,775	3/4	117,060	3/4	106,336	3/4	95,612	3/4	84,888
7		7		7		7	148,836	7	138,218	7	127,553	7	116,837	7	106,113	7	95,388	7	84,664
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,616	1/4	137,996	1/4	127,330	1/4	116,614	1/4	105,889	1/4	95,165	1/4	84,441
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,396	1/2	137,774	1/2	127,108	1/2	116,390	1/2	105,666	1/2	94,942	1/2	84,217
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,176	3/4	137,551	3/4	126,886	3/4	116,167	3/4	105,442	3/4	94,718	3/4	83,994
8		8		8		8	147,956	8	137,329	8	126,664	8	115,943	8	105,219	8	94,495	8	83,771
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,736	1/4	137,107	1/4	126,442	1/4	115,720	1/4	104,996	1/4	94,271	1/4	83,547
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,515	1/2	136,885	1/2	126,219	1/2	115,496	1/2	104,772	1/2	94,048	1/2	83,324
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,295	3/4	136,663	3/4	125,997	3/4	115,273	3/4	104,549	3/4	93,825	3/4	83,100
9		9		9		9	147,075	9	136,440	9	125,774	9	115,050	9	104,325	9	93,601	9	82,877
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,855	1/4	136,218	1/4	125,550	1/4	114,826	1/4	104,102	1/4	93,378	1/4	82,653
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,635	1/2	135,996	1/2	125,327	1/2	114,603	1/2	103,879	1/2	93,154	1/2	82,430
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,415	3/4	135,774	3/4	125,104	3/4	114,379	3/4	103,655	3/4	92,931	3/4	82,206
10		10		10		10	146,195	10	135,552	10	124,880	10	114,156	10	103,432	10	92,707	10	81,983
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,974	1/4	135,330	1/4	124,657	1/4	113,932	1/4	103,208	1/4	92,484	1/4	81,760
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,754	1/2	135,107	1/2	124,433	1/2	113,709	1/2	102,985	1/2	92,261	1/2	81,536
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,534	3/4	134,885	3/4	124,210	3/4	113,486	3/4	102,761	3/4	92,037	3/4	81,313
11		11		11		11	145,314	11	134,663	11	123,986	11	113,262	11	102,538	11	91,814	11	81,089
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,094	1/4	134,441	1/4	123,763	1/4	113,039	1/4	102,315	1/4	91,590	1/4	80,866
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,874	1/2	134,219	1/2	123,540	1/2	112,815	1/2	102,091	1/2	91,367	1/2	80,642
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,654	3/4	133,996	3/4	123,316	3/4	112,592	3/4	101,868	3/4	91,143	3/4	80,419

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1368"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	69,469	0	58,743	0	48,017	0	37,291	0	26,586	0	15,865	0	5,144	0		0		0	
1/4	69,246	1/4	58,520	1/4	47,794	1/4	37,068	1/4	26,363	1/4	15,642	1/4	4,922	1/4	1/4	1/4		1/4	1/4
1/2	69,022	1/2	58,296	1/2	47,570	1/2	36,844	1/2	26,140	1/2	15,418	1/2	4,700	1/2	1/2	1/2		1/2	1/2
3/4	68,799	3/4	58,073	3/4	47,347	3/4	36,621	3/4	25,918	3/4	15,195	3/4	4,478	3/4	3/4	3/4		3/4	3/4
1	68,575	1	57,849	1	47,123	1	36,397	1	25,695	1	14,971	1	4,257	1	1	1		1	1
1/4	68,352	1/4	57,626	1/4	46,900	1/4	36,174	1/4	25,471	1/4	14,748	1/4	4,036	1/4	1/4	1/4		1/4	1/4
1/2	68,129	1/2	57,402	1/2	46,676	1/2	35,950	1/2	25,248	1/2	14,524	1/2	3,815	1/2	1/2	1/2		1/2	1/2
3/4	67,905	3/4	57,179	3/4	46,453	3/4	35,727	3/4	25,025	3/4	14,301	3/4	3,594	3/4	3/4	3/4		3/4	3/4
2	67,682	2	56,956	2	46,229	2	35,503	2	24,802	2	14,078	2	3,375	2	2	2		2	2
1/4	67,458	1/4	56,732	1/4	46,006	1/4	35,280	1/4	24,579	1/4	13,854	1/4	3,156	1/4	1/4	1/4		1/4	1/4
1/2	67,235	1/2	56,509	1/2	45,783	1/2	35,056	1/2	24,356	1/2	13,631	1/2	2,937	1/2	1/2	1/2		1/2	1/2
3/4	67,011	3/4	56,285	3/4	45,559	3/4	34,833	3/4	24,133	3/4	13,407	3/4	2,718	3/4	3/4	3/4		3/4	3/4
3	66,788	3	56,062	3	45,336	3	34,610	3	23,909	3	13,184	3	2,514	3	3	3		3	3
1/4	66,564	1/4	55,838	1/4	45,112	1/4	34,386	1/4	23,686	1/4	12,960	1/4	2,310	1/4	1/4	1/4		1/4	1/4
1/2	66,341	1/2	55,615	1/2	44,889	1/2	34,163	1/2	23,463	1/2	12,737	1/2	2,106	1/2	1/2	1/2		1/2	1/2
3/4	66,117	3/4	55,391	3/4	44,665	3/4	33,939	3/4	23,239	3/4	12,513	3/4	1,901	3/4	3/4	3/4		3/4	3/4
4	65,894	4	55,168	4	44,442	4	33,716	4	23,016	4	12,290	4	1,734	4	4	4		4	4
1/4	65,670	1/4	54,944	1/4	44,218	1/4	33,492	1/4	22,792	1/4	12,067	1/4	1,566	1/4	1/4	1/4		1/4	1/4
1/2	65,447	1/2	54,721	1/2	43,995	1/2	33,269	1/2	22,569	1/2	11,843	1/2	1,399	1/2	1/2	1/2		1/2	1/2
3/4	65,224	3/4	54,497	3/4	43,771	3/4	33,045	3/4	22,345	3/4	11,620	3/4	1,231	3/4	3/4	3/4		3/4	3/4
5	65,000	5	54,274	5	43,548	5	32,823	5	22,122	5	11,396	5	1,101	5	5	5		5	5
1/4	64,777	1/4	54,051	1/4	43,324	1/4	32,600	1/4	21,898	1/4	11,173	1/4	970	1/4	1/4	1/4		1/4	1/4
1/2	64,553	1/2	53,827	1/2	43,101	1/2	32,377	1/2	21,675	1/2	10,949	1/2	840	1/2	1/2	1/2		1/2	1/2
3/4	64,330	3/4	53,604	3/4	42,878	3/4	32,154	3/4	21,451	3/4	10,726	3/4	710	3/4	3/4	3/4		3/4	3/4
6	64,106	6	53,380	6	42,654	6	31,932	6	21,228	6	10,502	6	617	6	6	6		6	6
1/4	63,883	1/4	53,157	1/4	42,431	1/4	31,709	1/4	21,005	1/4	10,279	1/4	523	1/4	1/4	1/4		1/4	1/4
1/2	63,659	1/2	52,933	1/2	42,207	1/2	31,486	1/2	20,781	1/2	10,055	1/2	430	1/2	1/2	1/2		1/2	1/2
3/4	63,436	3/4	52,710	3/4	41,984	3/4	31,263	3/4	20,558	3/4	9,832	3/4	337	3/4	3/4	3/4		3/4	3/4
7	63,212	7	52,486	7	41,760	7	31,041	7	20,334	7	9,609	7	281	7	7	7		7	7
1/4	62,989	1/4	52,263	1/4	41,537	1/4	30,818	1/4	20,111	1/4	9,385	1/4	226	1/4	1/4	1/4		1/4	1/4
1/2	62,765	1/2	52,039	1/2	41,313	1/2	30,595	1/2	19,887	1/2	9,162	1/2	170	1/2	1/2	1/2		1/2	1/2
3/4	62,542	3/4	51,816	3/4	41,090	3/4	30,372	3/4	19,664	3/4	8,938	3/4	114	3/4	3/4	3/4		3/4	3/4
8	62,319	8	51,593	8	40,866	8	30,150	8	19,440	8	8,715	8	95	8	8	8		8	8
1/4	62,095	1/4	51,369	1/4	40,643	1/4	29,927	1/4	19,217	1/4	8,491	1/4	77	1/4	1/4	1/4		1/4	1/4
1/2	61,872	1/2	51,146	1/2	40,420	1/2	29,704	1/2	18,994	1/2	8,268	1/2	58	1/2	1/2	1/2		1/2	1/2
3/4	61,648	3/4	50,922	3/4	40,196	3/4	29,482	3/4	18,770	3/4	8,044	3/4	39	3/4	3/4	3/4		3/4	3/4
9	61,425	9	50,699	9	39,973	9	29,259	9	18,547	9	7,821	9		9	9	9		9	9
1/4	61,201	1/4	50,475	1/4	39,749	1/4	29,036	1/4	18,323	1/4	7,598	1/4		1/4	1/4	1/4		1/4	1/4
1/2	60,978	1/2	50,252	1/2	39,526	1/2	28,813	1/2	18,100	1/2	7,374	1/2		1/2	1/2	1/2		1/2	1/2
3/4	60,754	3/4	50,028	3/4	39,302	3/4	28,591	3/4	17,876	3/4	7,151	3/4		3/4	3/4	3/4		3/4	3/4
10	60,531	10	49,805	10	39,079	10	28,368	10	17,653	10	6,927	10		10	10	10		10	10
1/4	60,307	1/4	49,581	1/4	38,855	1/4	28,145	1/4	17,429	1/4	6,704	1/4		1/4	1/4	1/4		1/4	1/4
1/2	60,084	1/2	49,358	1/2	38,632	1/2	27,922	1/2	17,206	1/2	6,481	1/2		1/2	1/2	1/2		1/2	1/2
3/4	59,861	3/4	49,134	3/4	38,408	3/4	27,700	3/4	16,982	3/4	6,258	3/4		3/4	3/4	3/4		3/4	3/4
11	59,637	11	48,911	11	38,185	11	27,477	11	16,759	11	6,035	11		11	11	11		11	11
1/4	59,414	1/4	48,688	1/4	37,961	1/4	27,254	1/4	16,536	1/4	5,812	1/4		1/4	1/4	1/4		1/4	1/4
1/2	59,190	1/2	48,464	1/2	37,738	1/2	27,031	1/2	16,312	1/2	5,589	1/2		1/2	1/2	1/2		1/2	1/2
3/4	58,967	3/4	48,241	3/4	37,515	3/4	26,809	3/4	16,089	3/4	5,366	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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