



BARGE "CBC 1361"

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	- 00-1/8	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	00-1/2	- 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"

April 26, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 1361"

1 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	8,089	0	18,876	0	29,512	0	40,177	0	50,936	0	61,694	0	72,429	0	83,166	0	93,928
1/4	58	1/4	8,314	1/4	19,100	1/4	29,730	1/4	40,401	1/4	51,160	1/4	61,918	1/4	72,652	1/4	83,391	1/4	94,152
1/2	77	1/2	8,539	1/2	19,325	1/2	29,948	1/2	40,625	1/2	51,384	1/2	62,142	1/2	72,875	1/2	83,615	1/2	94,377
3/4	96	3/4	8,764	3/4	19,550	3/4	30,167	3/4	40,850	3/4	51,608	3/4	62,366	3/4	73,098	3/4	83,839	3/4	94,601
1	114	1	8,988	1	19,775	1	30,385	1	41,074	1	51,832	1	62,591	1	73,320	1	84,063	1	94,825
1/4	170	1/4	9,213	1/4	19,999	1/4	30,603	1/4	41,298	1/4	52,056	1/4	62,815	1/4	73,543	1/4	84,287	1/4	95,049
1/2	227	1/2	9,438	1/2	20,224	1/2	30,822	1/2	41,522	1/2	52,280	1/2	63,039	1/2	73,766	1/2	84,512	1/2	95,273
3/4	283	3/4	9,662	3/4	20,449	3/4	31,040	3/4	41,746	3/4	52,505	3/4	63,263	3/4	73,989	3/4	84,736	3/4	95,498
2	339	2	9,887	2	20,673	2	31,258	2	41,970	2	52,729	2	63,487	2	74,212	2	84,960	2	95,722
1/4	433	1/4	10,112	1/4	20,898	1/4	31,477	1/4	42,194	1/4	52,953	1/4	63,711	1/4	74,434	1/4	85,184	1/4	95,946
1/2	526	1/2	10,337	1/2	21,123	1/2	31,695	1/2	42,419	1/2	53,177	1/2	63,935	1/2	74,657	1/2	85,408	1/2	96,170
3/4	620	3/4	10,561	3/4	21,348	3/4	31,913	3/4	42,643	3/4	53,401	3/4	64,160	3/4	74,880	3/4	85,633	3/4	96,394
3	713	3	10,786	3	21,572	3	32,132	3	42,867	3	53,625	3	64,384	3	75,103	3	85,857	3	96,619
1/4	844	1/4	11,011	1/4	21,797	1/4	32,350	1/4	43,091	1/4	53,849	1/4	64,608	1/4	75,326	1/4	86,081	1/4	96,843
1/2	976	1/2	11,235	1/2	22,022	1/2	32,568	1/2	43,315	1/2	54,074	1/2	64,832	1/2	75,548	1/2	86,305	1/2	97,067
3/4	1,107	3/4	11,460	3/4	22,246	3/4	32,787	3/4	43,539	3/4	54,298	3/4	65,056	3/4	75,771	3/4	86,529	3/4	97,291
4	1,238	4	11,685	4	22,471	4	33,005	4	43,763	4	54,522	4	65,280	4	75,994	4	86,754	4	97,515
1/4	1,406	1/4	11,910	1/4	22,696	1/4	33,229	1/4	43,987	1/4	54,746	1/4	65,504	1/4	76,217	1/4	86,978	1/4	97,740
1/2	1,575	1/2	12,134	1/2	22,921	1/2	33,453	1/2	44,212	1/2	54,970	1/2	65,728	1/2	76,441	1/2	87,202	1/2	97,964
3/4	1,743	3/4	12,359	3/4	23,145	3/4	33,677	3/4	44,436	3/4	55,194	3/4	65,953	3/4	76,664	3/4	87,426	3/4	98,188
5	1,912	5	12,584	5	23,370	5	33,901	5	44,660	5	55,418	5	66,177	5	76,888	5	87,650	5	98,412
1/4	2,117	1/4	12,808	1/4	23,595	1/4	34,126	1/4	44,884	1/4	55,642	1/4	66,401	1/4	77,112	1/4	87,875	1/4	98,636
1/2	2,322	1/2	13,033	1/2	23,819	1/2	34,350	1/2	45,108	1/2	55,867	1/2	66,625	1/2	77,336	1/2	88,099	1/2	98,861
3/4	2,528	3/4	13,258	3/4	24,044	3/4	34,574	3/4	45,332	3/4	56,091	3/4	66,849	3/4	77,560	3/4	88,323	3/4	99,085
6	2,733	6	13,483	6	24,269	6	34,798	6	45,556	6	56,315	6	67,073	6	77,785	6	88,547	6	99,309
1/4	2,953	1/4	13,707	1/4	24,488	1/4	35,022	1/4	45,781	1/4	56,539	1/4	67,297	1/4	78,009	1/4	88,771	1/4	99,533
1/2	3,174	1/2	13,932	1/2	24,706	1/2	35,246	1/2	46,005	1/2	56,763	1/2	67,520	1/2	78,233	1/2	88,996	1/2	99,757
3/4	3,394	3/4	14,157	3/4	24,925	3/4	35,470	3/4	46,229	3/4	56,987	3/4	67,744	3/4	78,457	3/4	89,220	3/4	99,982
7	3,614	7	14,381	7	25,144	7	35,695	7	46,453	7	57,211	7	67,967	7	78,682	7	89,444	7	100,206
1/4	3,836	1/4	14,606	1/4	25,362	1/4	35,919	1/4	46,677	1/4	57,436	1/4	68,191	1/4	78,906	1/4	89,668	1/4	100,430
1/2	4,058	1/2	14,831	1/2	25,581	1/2	36,143	1/2	46,901	1/2	57,660	1/2	68,415	1/2	79,130	1/2	89,892	1/2	100,654
3/4	4,281	3/4	15,056	3/4	25,800	3/4	36,367	3/4	47,125	3/4	57,884	3/4	68,638	3/4	79,354	3/4	90,117	3/4	100,878
8	4,503	8	15,280	8	26,019	8	36,591	8	47,349	8	58,108	8	68,862	8	79,579	8	90,341	8	101,103
1/4	4,726	1/4	15,505	1/4	26,237	1/4	36,815	1/4	47,574	1/4	58,332	1/4	69,085	1/4	79,803	1/4	90,565	1/4	101,327
1/2	4,950	1/2	15,730	1/2	26,455	1/2	37,039	1/2	47,798	1/2	58,556	1/2	69,309	1/2	80,027	1/2	90,789	1/2	101,551
3/4	5,173	3/4	15,954	3/4	26,674	3/4	37,263	3/4	48,022	3/4	58,780	3/4	69,532	3/4	80,251	3/4	91,013	3/4	101,775
9	5,396	9	16,179	9	26,892	9	37,488	9	48,246	9	59,004	9	69,756	9	80,476	9	91,238	9	101,999
1/4	5,620	1/4	16,404	1/4	27,110	1/4	37,712	1/4	48,470	1/4	59,229	1/4	69,979	1/4	80,700	1/4	91,462	1/4	102,224
1/2	5,844	1/2	16,629	1/2	27,329	1/2	37,936	1/2	48,694	1/2	59,453	1/2	70,201	1/2	80,924	1/2	91,686	1/2	102,448
3/4	6,068	3/4	16,853	3/4	27,547	3/4	38,160	3/4	48,918	3/4	59,677	3/4	70,424	3/4	81,148	3/4	91,910	3/4	102,672
10	6,293	10	17,078	10	27,765	10	38,384	10	49,143	10	59,901	10	70,647	10	81,372	10	92,135	10	102,896
1/4	6,517	1/4	17,303	1/4	27,983	1/4	38,608	1/4	49,367	1/4	60,125	1/4	70,870	1/4	81,597	1/4	92,359	1/4	103,120
1/2	6,742	1/2	17,527	1/2	28,202	1/2	38,832	1/2	49,591	1/2	60,349	1/2	71,093	1/2	81,821	1/2	92,583	1/2	103,345
3/4	6,966	3/4	17,752	3/4	28,420	3/4	39,057	3/4	49,815	3/4	60,573	3/4	71,315	3/4	82,045	3/4	92,807	3/4	103,569
11	7,191	11	17,977	11	28,638	11	39,281	11	50,039	11	60,798	11	71,538	11	82,269	11	93,031	11	103,793
1/4	7,415	1/4	18,202	1/4	28,857	1/4	39,505	1/4	50,263	1/4	61,022	1/4	71,761	1/4	82,494	1/4	93,256	1/4	104,017
1/2	7,640	1/2	18,426	1/2	29,075	1/2	39,729	1/2	50,487	1/2	61,246	1/2	71,984	1/2	82,718	1/2	93,480	1/2	104,241
3/4	7,865	3/4	18,651	3/4	29,293	3/4	39,953	3/4	50,712	3/4	61,470	3/4	72,206	3/4	82,942	3/4	93,704	3/4	104,466

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 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1361"

1 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	104,690	0	114,788	0	124,246	0	133,662	0	143,061	0		0		0		0		0	
1/4	104,914	1/4	114,985	1/4	124,443	1/4	133,858	1/4	143,255	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,138	1/2	115,182	1/2	124,639	1/2	134,055	1/2	143,450	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,362	3/4	115,380	3/4	124,836	3/4	134,251	3/4	143,644	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,586	1	115,577	1	125,032	1	134,448	1	143,839	1	1	1	1	1	1	1	1	1	1
1/4	105,810	1/4	115,774	1/4	125,229	1/4	134,644	1/4	144,033	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,034	1/2	115,971	1/2	125,425	1/2	134,841	1/2	144,227	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,258	3/4	116,168	3/4	125,622	3/4	135,037	3/4	144,422	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,482	2	116,365	2	125,818	2	135,234	2	144,616	2	2	2	2	2	2	2	2	2	2
1/4	106,705	1/4	116,562	1/4	126,015	1/4	135,430	1/4	144,820	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,929	1/2	116,759	1/2	126,211	1/2	135,627	1/2	145,023	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,153	3/4	116,956	3/4	126,408	3/4	135,823	3/4	145,226	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,377	3	117,153	3	126,604	3	136,020	3	145,430	3	3	3	3	3	3	3	3	3	3
1/4	107,601	1/4	117,350	1/4	126,801	1/4	136,216	1/4	145,596	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,825	1/2	117,547	1/2	126,997	1/2	136,413	1/2	145,761	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,049	3/4	117,744	3/4	127,194	3/4	136,609	3/4	145,927	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,273	4	117,941	4	127,390	4	136,806	4	146,093	4	4	4	4	4	4	4	4	4	4
1/4	108,497	1/4	118,138	1/4	127,587	1/4	137,002	1/4	146,222	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,721	1/2	118,335	1/2	127,783	1/2	137,199	1/2	146,350	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,945	3/4	118,532	3/4	127,980	3/4	137,395	3/4	146,479	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,169	5	118,729	5	128,176	5	137,592	5	146,607	5	5	5	5	5	5	5	5	5	5
1/4	109,393	1/4	118,926	1/4	128,373	1/4	137,788	1/4	146,698	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,617	1/2	119,123	1/2	128,569	1/2	137,985	1/2	146,789	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,841	3/4	119,320	3/4	128,766	3/4	138,181	3/4	146,880	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,065	6	119,517	6	128,962	6	138,378	6	146,971	6	6	6	6	6	6	6	6	6	6
1/4	110,262	1/4	119,714	1/4	129,158	1/4	138,574	1/4	147,024	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,458	1/2	119,911	1/2	129,354	1/2	138,771	1/2	147,078	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,655	3/4	120,108	3/4	129,550	3/4	138,967	3/4	147,131	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,852	7	120,305	7	129,745	7	139,164	7	147,185	7	7	7	7	7	7	7	7	7	7
1/4	111,049	1/4	120,502	1/4	129,941	1/4	139,360	1/4	147,201	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,246	1/2	120,699	1/2	130,137	1/2	139,557	1/2	147,217	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,443	3/4	120,896	3/4	130,333	3/4	139,753	3/4	147,233	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,639	8	121,093	8	130,529	8	139,950	8	147,249	8	8	8	8	8	8	8	8	8	8
1/4	111,836	1/4	121,290	1/4	130,724	1/4	140,144	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,033	1/2	121,488	1/2	130,920	1/2	140,339	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,230	3/4	121,685	3/4	131,116	3/4	140,533	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,427	9	121,882	9	131,312	9	140,728	9		9	9	9	9	9	9	9	9	9	9
1/4	112,623	1/4	122,079	1/4	131,508	1/4	140,922	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,820	1/2	122,276	1/2	131,704	1/2	141,116	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,017	3/4	122,473	3/4	131,899	3/4	141,311	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,214	10	122,670	10	132,095	10	141,505	10		10	10	10	10	10	10	10	10	10	10
1/4	113,411	1/4	122,867	1/4	132,291	1/4	141,700	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,608	1/2	123,064	1/2	132,487	1/2	141,894	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,804	3/4	123,261	3/4	132,683	3/4	142,089	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,001	11	123,458	11	132,878	11	142,283	11		11	11	11	11	11	11	11	11	11	11
1/4	114,198	1/4	123,655	1/4	133,074	1/4	142,478	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,395	1/2	123,852	1/2	133,270	1/2	142,672	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,592	3/4	124,049	3/4	133,466	3/4	142,866	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: 04/26/2013 CL SW
CALCULATED: 04/26/2013 CL
PRINTED: 04/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1361"

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	9,059	0	21,143	0	33,081	0	45,019	0	57,104	0	69,189	0	81,274	0	93,359	0	105,442
1/4	60	1/4	9,310	1/4	21,395	1/4	33,325	1/4	45,271	1/4	57,356	1/4	69,441	1/4	81,526	1/4	93,611	1/4	105,693
1/2	81	1/2	9,562	1/2	21,647	1/2	33,570	1/2	45,522	1/2	57,607	1/2	69,692	1/2	81,777	1/2	93,862	1/2	105,945
3/4	102	3/4	9,814	3/4	21,899	3/4	33,814	3/4	45,774	3/4	57,859	3/4	69,944	3/4	82,029	3/4	94,114	3/4	106,197
1	123	1	10,066	1	22,150	1	34,058	1	46,026	1	58,111	1	70,196	1	82,281	1	94,366	1	106,449
1/4	186	1/4	10,317	1/4	22,402	1/4	34,303	1/4	46,278	1/4	58,363	1/4	70,448	1/4	82,533	1/4	94,617	1/4	106,700
1/2	249	1/2	10,569	1/2	22,654	1/2	34,547	1/2	46,529	1/2	58,614	1/2	70,699	1/2	82,784	1/2	94,869	1/2	106,952
3/4	312	3/4	10,821	3/4	22,906	3/4	34,791	3/4	46,781	3/4	58,866	3/4	70,951	3/4	83,036	3/4	95,121	3/4	107,204
2	375	2	11,073	2	23,157	2	35,036	2	47,033	2	59,118	2	71,203	2	83,288	2	95,373	2	107,456
1/4	480	1/4	11,325	1/4	23,409	1/4	35,280	1/4	47,285	1/4	59,370	1/4	71,455	1/4	83,540	1/4	95,624	1/4	107,707
1/2	585	1/2	11,576	1/2	23,661	1/2	35,524	1/2	47,537	1/2	59,622	1/2	71,707	1/2	83,792	1/2	95,876	1/2	107,959
3/4	690	3/4	11,828	3/4	23,913	3/4	35,769	3/4	47,788	3/4	59,873	3/4	71,958	3/4	84,043	3/4	96,128	3/4	108,211
3	795	3	12,080	3	24,164	3	36,013	3	48,040	3	60,125	3	72,210	3	84,295	3	96,380	3	108,462
1/4	941	1/4	12,332	1/4	24,416	1/4	36,257	1/4	48,292	1/4	60,377	1/4	72,462	1/4	84,547	1/4	96,631	1/4	108,714
1/2	1,088	1/2	12,583	1/2	24,668	1/2	36,502	1/2	48,544	1/2	60,629	1/2	72,714	1/2	84,799	1/2	96,883	1/2	108,966
3/4	1,235	3/4	12,835	3/4	24,920	3/4	36,746	3/4	48,795	3/4	60,880	3/4	72,965	3/4	85,050	3/4	97,135	3/4	109,218
4	1,382	4	13,087	4	25,171	4	36,990	4	49,047	4	61,132	4	73,217	4	85,302	4	97,386	4	109,469
1/4	1,571	1/4	13,339	1/4	25,423	1/4	37,235	1/4	49,299	1/4	61,384	1/4	73,469	1/4	85,554	1/4	97,638	1/4	109,721
1/2	1,760	1/2	13,590	1/2	25,675	1/2	37,480	1/2	49,551	1/2	61,636	1/2	73,721	1/2	85,806	1/2	97,890	1/2	109,973
3/4	1,948	3/4	13,842	3/4	25,927	3/4	37,725	3/4	49,803	3/4	61,887	3/4	73,972	3/4	86,057	3/4	98,142	3/4	110,225
5	2,137	5	14,094	5	26,178	5	37,969	5	50,054	5	62,139	5	74,224	5	86,309	5	98,393	5	110,476
1/4	2,367	1/4	14,346	1/4	26,430	1/4	38,221	1/4	50,306	1/4	62,391	1/4	74,476	1/4	86,561	1/4	98,645	1/4	110,728
1/2	2,597	1/2	14,597	1/2	26,682	1/2	38,473	1/2	50,558	1/2	62,643	1/2	74,728	1/2	86,813	1/2	98,897	1/2	110,980
3/4	2,828	3/4	14,849	3/4	26,934	3/4	38,725	3/4	50,810	3/4	62,895	3/4	74,980	3/4	87,065	3/4	99,149	3/4	111,231
6	3,058	6	15,101	6	27,186	6	38,976	6	51,061	6	63,146	6	75,231	6	87,316	6	99,400	6	111,483
1/4	3,304	1/4	15,353	1/4	27,437	1/4	39,228	1/4	51,313	1/4	63,398	1/4	75,483	1/4	87,568	1/4	99,652	1/4	111,735
1/2	3,551	1/2	15,604	1/2	27,689	1/2	39,480	1/2	51,565	1/2	63,650	1/2	75,735	1/2	87,820	1/2	99,904	1/2	111,987
3/4	3,798	3/4	15,856	3/4	27,941	3/4	39,732	3/4	51,817	3/4	63,902	3/4	75,987	3/4	88,072	3/4	100,155	3/4	112,238
7	4,045	7	16,108	7	28,193	7	39,983	7	52,068	7	64,153	7	76,238	7	88,323	7	100,407	7	112,490
1/4	4,294	1/4	16,360	1/4	28,437	1/4	40,235	1/4	52,320	1/4	64,405	1/4	76,490	1/4	88,575	1/4	100,659	1/4	112,742
1/2	4,543	1/2	16,612	1/2	28,682	1/2	40,487	1/2	52,572	1/2	64,657	1/2	76,742	1/2	88,827	1/2	100,911	1/2	112,994
3/4	4,792	3/4	16,863	3/4	28,927	3/4	40,739	3/4	52,824	3/4	64,909	3/4	76,994	3/4	89,079	3/4	101,162	3/4	113,245
8	5,040	8	17,115	8	29,171	8	40,991	8	53,076	8	65,161	8	77,245	8	89,330	8	101,414	8	113,497
1/4	5,291	1/4	17,367	1/4	29,416	1/4	41,242	1/4	53,327	1/4	65,412	1/4	77,497	1/4	89,582	1/4	101,666	1/4	113,749
1/2	5,541	1/2	17,619	1/2	29,660	1/2	41,494	1/2	53,579	1/2	65,664	1/2	77,749	1/2	89,834	1/2	101,918	1/2	114,000
3/4	5,791	3/4	17,870	3/4	29,904	3/4	41,746	3/4	53,831	3/4	65,916	3/4	78,001	3/4	90,086	3/4	102,169	3/4	114,252
9	6,041	9	18,122	9	30,149	9	41,998	9	54,083	9	66,168	9	78,253	9	90,338	9	102,421	9	114,504
1/4	6,292	1/4	18,374	1/4	30,393	1/4	42,249	1/4	54,334	1/4	66,419	1/4	78,504	1/4	90,589	1/4	102,673	1/4	114,756
1/2	6,543	1/2	18,626	1/2	30,637	1/2	42,501	1/2	54,586	1/2	66,671	1/2	78,756	1/2	90,841	1/2	102,924	1/2	115,007
3/4	6,795	3/4	18,877	3/4	30,882	3/4	42,753	3/4	54,838	3/4	66,923	3/4	79,008	3/4	91,093	3/4	103,176	3/4	115,259
10	7,046	10	19,129	10	31,126	10	43,005	10	55,090	10	67,175	10	79,260	10	91,345	10	103,428	10	115,511
1/4	7,297	1/4	19,381	1/4	31,370	1/4	43,256	1/4	55,341	1/4	67,426	1/4	79,511	1/4	91,596	1/4	103,680	1/4	115,762
1/2	7,549	1/2	19,633	1/2	31,615	1/2	43,508	1/2	55,593	1/2	67,678	1/2	79,763	1/2	91,848	1/2	103,931	1/2	116,014
3/4	7,800	3/4	19,884	3/4	31,859	3/4	43,760	3/4	55,845	3/4	67,930	3/4	80,015	3/4	92,100	3/4	104,183	3/4	116,266
11	8,052	11	20,136	11	32,104	11	44,012	11	56,097	11	68,182	11	80,267	11	92,352	11	104,435	11	116,518
1/4	8,303	1/4	20,388	1/4	32,348	1/4	44,264	1/4	56,349	1/4	68,434	1/4	80,518	1/4	92,603	1/4	104,687	1/4	116,769
1/2	8,555	1/2	20,640	1/2	32,592	1/2	44,515	1/2	56,600	1/2	68,685	1/2	80,770	1/2	92,855	1/2	104,938	1/2	117,021
3/4	8,807	3/4	20,891	3/4	32,837	3/4	44,767	3/4	56,852	3/4	68,937	3/4	81,022	3/4	93,107	3/4	105,190	3/4	117,273

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 1361"

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	117,525	0	129,607	0	141,690	0	153,706	0	165,685	0		0		0		0		0	
1/4	117,776	1/4	129,859	1/4	141,941	1/4	153,956	1/4	165,933	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,028	1/2	130,111	1/2	142,191	1/2	154,207	1/2	166,181	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,280	3/4	130,363	3/4	142,441	3/4	154,457	3/4	166,429	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,531	1	130,614	1	142,692	1	154,707	1	166,677	1	1	1	1	1	1	1	1	1	1
1/4	118,783	1/4	130,866	1/4	142,942	1/4	154,958	1/4	166,925	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,035	1/2	131,118	1/2	143,192	1/2	155,208	1/2	167,173	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,287	3/4	131,370	3/4	143,443	3/4	155,458	3/4	167,421	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,538	2	131,621	2	143,693	2	155,709	2	167,669	2	2	2	2	2	2	2	2	2	2
1/4	119,790	1/4	131,873	1/4	143,943	1/4	155,959	1/4	167,896	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,042	1/2	132,125	1/2	144,194	1/2	156,209	1/2	168,123	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,294	3/4	132,376	3/4	144,444	3/4	156,460	3/4	168,350	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,545	3	132,628	3	144,694	3	156,710	3	168,577	3	3	3	3	3	3	3	3	3	3
1/4	120,797	1/4	132,880	1/4	144,945	1/4	156,960	1/4	168,762	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,049	1/2	133,132	1/2	145,195	1/2	157,211	1/2	168,947	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,300	3/4	133,383	3/4	145,445	3/4	157,461	3/4	169,132	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,552	4	133,635	4	145,696	4	157,711	4	169,317	4	4	4	4	4	4	4	4	4	4
1/4	121,804	1/4	133,887	1/4	145,946	1/4	157,962	1/4	169,460	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,056	1/2	134,139	1/2	146,196	1/2	158,212	1/2	169,604	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,307	3/4	134,390	3/4	146,447	3/4	158,462	3/4	169,747	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,559	5	134,642	5	146,697	5	158,713	5	169,890	5	5	5	5	5	5	5	5	5	5
1/4	122,811	1/4	134,894	1/4	146,947	1/4	158,963	1/4	169,991	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,063	1/2	135,145	1/2	147,198	1/2	159,213	1/2	170,092	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,314	3/4	135,397	3/4	147,448	3/4	159,464	3/4	170,193	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,566	6	135,649	6	147,698	6	159,714	6	170,294	6	6	6	6	6	6	6	6	6	6
1/4	123,818	1/4	135,901	1/4	147,949	1/4	159,964	1/4	170,354	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,069	1/2	136,152	1/2	148,199	1/2	160,215	1/2	170,413	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,321	3/4	136,404	3/4	148,449	3/4	160,465	3/4	170,472	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,573	7	136,656	7	148,700	7	160,715	7	170,531	7	7	7	7	7	7	7	7	7	7
1/4	124,825	1/4	136,908	1/4	148,950	1/4	160,966	1/4	170,548	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,076	1/2	137,159	1/2	149,200	1/2	161,216	1/2	170,566	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,328	3/4	137,411	3/4	149,451	3/4	161,466	3/4	170,583	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,580	8	137,663	8	149,701	8	161,717	8	170,600	8	8	8	8	8	8	8	8	8	8
1/4	125,832	1/4	137,914	1/4	149,951	1/4	161,965	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,083	1/2	138,166	1/2	150,202	1/2	162,213	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,335	3/4	138,418	3/4	150,452	3/4	162,461	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,587	9	138,670	9	150,702	9	162,709	9		9	9	9	9	9	9	9	9	9	9
1/4	126,838	1/4	138,921	1/4	150,953	1/4	162,957	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,090	1/2	139,173	1/2	151,203	1/2	163,205	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,342	3/4	139,425	3/4	151,453	3/4	163,453	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,594	10	139,677	10	151,703	10	163,701	10		10	10	10	10	10	10	10	10	10	10
1/4	127,845	1/4	139,928	1/4	151,954	1/4	163,949	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,097	1/2	140,180	1/2	152,204	1/2	164,197	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,349	3/4	140,432	3/4	152,454	3/4	164,445	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,601	11	140,683	11	152,705	11	164,693	11		11	11	11	11	11	11	11	11	11	11
1/4	128,852	1/4	140,935	1/4	152,955	1/4	164,941	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,104	1/2	141,187	1/2	153,205	1/2	165,189	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,356	3/4	141,439	3/4	153,456	3/4	165,437	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.

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CALCULATED: 04/26/2013 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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BARGE "CBC 1361"

3 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	8,057	0	18,799	0	29,527	0	40,258	0	51,001	0	61,744	0	72,486	0	83,229	0	93,970
1/4	58	1/4	8,281	1/4	19,023	1/4	29,750	1/4	40,482	1/4	51,225	1/4	61,967	1/4	72,710	1/4	83,453	1/4	94,194
1/2	77	1/2	8,504	1/2	19,247	1/2	29,973	1/2	40,706	1/2	51,449	1/2	62,191	1/2	72,934	1/2	83,677	1/2	94,417
3/4	95	3/4	8,728	3/4	19,471	3/4	30,196	3/4	40,930	3/4	51,672	3/4	62,415	3/4	73,158	3/4	83,900	3/4	94,641
1	114	1	8,952	1	19,694	1	30,419	1	41,154	1	51,896	1	62,639	1	73,382	1	84,124	1	94,865
1/4	170	1/4	9,176	1/4	19,918	1/4	30,643	1/4	41,377	1/4	52,120	1/4	62,863	1/4	73,605	1/4	84,348	1/4	95,089
1/2	226	1/2	9,400	1/2	20,142	1/2	30,866	1/2	41,601	1/2	52,344	1/2	63,086	1/2	73,829	1/2	84,572	1/2	95,312
3/4	282	3/4	9,623	3/4	20,366	3/4	31,089	3/4	41,825	3/4	52,568	3/4	63,310	3/4	74,053	3/4	84,795	3/4	95,536
2	338	2	9,847	2	20,589	2	31,312	2	42,049	2	52,791	2	63,534	2	74,277	2	85,019	2	95,760
1/4	431	1/4	10,071	1/4	20,813	1/4	31,535	1/4	42,273	1/4	53,015	1/4	63,758	1/4	74,501	1/4	85,243	1/4	95,984
1/2	524	1/2	10,295	1/2	21,037	1/2	31,758	1/2	42,496	1/2	53,239	1/2	63,982	1/2	74,724	1/2	85,467	1/2	96,207
3/4	617	3/4	10,519	3/4	21,261	3/4	31,981	3/4	42,720	3/4	53,463	3/4	64,205	3/4	74,948	3/4	85,690	3/4	96,431
3	711	3	10,742	3	21,485	3	32,204	3	42,944	3	53,687	3	64,429	3	75,172	3	85,914	3	96,655
1/4	841	1/4	10,966	1/4	21,708	1/4	32,427	1/4	43,168	1/4	53,910	1/4	64,653	1/4	75,396	1/4	86,138	1/4	96,879
1/2	972	1/2	11,190	1/2	21,932	1/2	32,650	1/2	43,392	1/2	54,134	1/2	64,877	1/2	75,620	1/2	86,362	1/2	97,103
3/4	1,102	3/4	11,414	3/4	22,156	3/4	32,873	3/4	43,615	3/4	54,358	3/4	65,101	3/4	75,843	3/4	86,585	3/4	97,326
4	1,233	4	11,638	4	22,380	4	33,097	4	43,839	4	54,582	4	65,325	4	76,067	4	86,809	4	97,550
1/4	1,401	1/4	11,861	1/4	22,604	1/4	33,320	1/4	44,063	1/4	54,806	1/4	65,548	1/4	76,291	1/4	87,033	1/4	97,774
1/2	1,569	1/2	12,085	1/2	22,827	1/2	33,544	1/2	44,287	1/2	55,029	1/2	65,772	1/2	76,515	1/2	87,257	1/2	97,998
3/4	1,736	3/4	12,309	3/4	23,051	3/4	33,768	3/4	44,511	3/4	55,253	3/4	65,996	3/4	76,739	3/4	87,481	3/4	98,221
5	1,904	5	12,533	5	23,275	5	33,992	5	44,734	5	55,477	5	66,220	5	76,962	5	87,704	5	98,445
1/4	2,109	1/4	12,757	1/4	23,499	1/4	34,216	1/4	44,958	1/4	55,701	1/4	66,444	1/4	77,186	1/4	87,928	1/4	98,669
1/2	2,313	1/2	12,980	1/2	23,723	1/2	34,439	1/2	45,182	1/2	55,925	1/2	66,667	1/2	77,410	1/2	88,152	1/2	98,893
3/4	2,518	3/4	13,204	3/4	23,946	3/4	34,663	3/4	45,406	3/4	56,149	3/4	66,891	3/4	77,634	3/4	88,376	3/4	99,116
6	2,722	6	13,428	6	24,170	6	34,887	6	45,630	6	56,372	6	67,115	6	77,858	6	88,599	6	99,340
1/4	2,942	1/4	13,652	1/4	24,394	1/4	35,111	1/4	45,853	1/4	56,596	1/4	67,339	1/4	78,081	1/4	88,823	1/4	99,564
1/2	3,161	1/2	13,876	1/2	24,617	1/2	35,335	1/2	46,077	1/2	56,820	1/2	67,563	1/2	78,305	1/2	89,047	1/2	99,788
3/4	3,381	3/4	14,099	3/4	24,841	3/4	35,558	3/4	46,301	3/4	57,044	3/4	67,786	3/4	78,529	3/4	89,271	3/4	100,012
7	3,600	7	14,323	7	25,064	7	35,782	7	46,525	7	57,268	7	68,010	7	78,753	7	89,494	7	100,235
1/4	3,821	1/4	14,547	1/4	25,287	1/4	36,006	1/4	46,749	1/4	57,491	1/4	68,234	1/4	78,977	1/4	89,718	1/4	100,459
1/2	4,042	1/2	14,771	1/2	25,511	1/2	36,230	1/2	46,972	1/2	57,715	1/2	68,458	1/2	79,200	1/2	89,942	1/2	100,683
3/4	4,264	3/4	14,995	3/4	25,734	3/4	36,454	3/4	47,196	3/4	57,939	3/4	68,682	3/4	79,424	3/4	90,166	3/4	100,907
8	4,485	8	15,218	8	25,958	8	36,677	8	47,420	8	58,163	8	68,905	8	79,648	8	90,390	8	101,130
1/4	4,707	1/4	15,442	1/4	26,181	1/4	36,901	1/4	47,644	1/4	58,387	1/4	69,129	1/4	79,872	1/4	90,613	1/4	101,354
1/2	4,930	1/2	15,666	1/2	26,404	1/2	37,125	1/2	47,868	1/2	58,610	1/2	69,353	1/2	80,096	1/2	90,837	1/2	101,578
3/4	5,152	3/4	15,890	3/4	26,627	3/4	37,349	3/4	48,092	3/4	58,834	3/4	69,577	3/4	80,319	3/4	91,061	3/4	101,802
9	5,375	9	16,114	9	26,850	9	37,573	9	48,315	9	59,058	9	69,801	9	80,543	9	91,285	9	102,025
1/4	5,598	1/4	16,337	1/4	27,073	1/4	37,796	1/4	48,539	1/4	59,282	1/4	70,024	1/4	80,767	1/4	91,508	1/4	102,249
1/2	5,821	1/2	16,561	1/2	27,296	1/2	38,020	1/2	48,763	1/2	59,506	1/2	70,248	1/2	80,991	1/2	91,732	1/2	102,473
3/4	6,044	3/4	16,785	3/4	27,519	3/4	38,244	3/4	48,987	3/4	59,729	3/4	70,472	3/4	81,215	3/4	91,956	3/4	102,697
10	6,267	10	17,009	10	27,742	10	38,468	10	49,211	10	59,953	10	70,696	10	81,439	10	92,180	10	102,921
1/4	6,491	1/4	17,233	1/4	27,966	1/4	38,692	1/4	49,434	1/4	60,177	1/4	70,920	1/4	81,662	1/4	92,403	1/4	103,144
1/2	6,715	1/2	17,456	1/2	28,189	1/2	38,915	1/2	49,658	1/2	60,401	1/2	71,143	1/2	81,886	1/2	92,627	1/2	103,368
3/4	6,938	3/4	17,680	3/4	28,412	3/4	39,139	3/4	49,882	3/4	60,625	3/4	71,367	3/4	82,110	3/4	92,851	3/4	103,592
11	7,162	11	17,904	11	28,635	11	39,363	11	50,106	11	60,848	11	71,591	11	82,334	11	93,075	11	103,816
1/4	7,386	1/4	18,128	1/4	28,858	1/4	39,587	1/4	50,330	1/4	61,072	1/4	71,815	1/4	82,558	1/4	93,299	1/4	104,039
1/2	7,609	1/2	18,352	1/2	29,081	1/2	39,811	1/2	50,553	1/2	61,296	1/2	72,039	1/2	82,781	1/2	93,522	1/2	104,263
3/4	7,833	3/4	18,575	3/4	29,304	3/4	40,035	3/4	50,777	3/4	61,520	3/4	72,262	3/4	83,005	3/4	93,746	3/4	104,487

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

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BARGE "CBC 1361"

3 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	104,711	0	115,452	0	126,192	0	136,874	0	147,523	0		0		0		0		0	
1/4	104,934	1/4	115,675	1/4	126,415	1/4	137,097	1/4	147,744	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,158	1/2	115,899	1/2	126,637	1/2	137,319	1/2	147,964	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,382	3/4	116,123	3/4	126,860	3/4	137,542	3/4	148,185	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,606	1	116,347	1	127,083	1	137,764	1	148,405	1	1	1	1	1	1	1	1	1	1
1/4	105,829	1/4	116,570	1/4	127,305	1/4	137,987	1/4	148,626	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,053	1/2	116,794	1/2	127,528	1/2	138,210	1/2	148,846	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,277	3/4	117,018	3/4	127,750	3/4	138,432	3/4	149,067	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,501	2	117,242	2	127,973	2	138,655	2	149,287	2	2	2	2	2	2	2	2	2	2
1/4	106,725	1/4	117,465	1/4	128,195	1/4	138,877	1/4	149,489	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,948	1/2	117,689	1/2	128,418	1/2	139,100	1/2	149,691	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,172	3/4	117,913	3/4	128,640	3/4	139,322	3/4	149,893	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,396	3	118,137	3	128,863	3	139,545	3	150,095	3	3	3	3	3	3	3	3	3	3
1/4	107,620	1/4	118,360	1/4	129,085	1/4	139,767	1/4	150,259	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,843	1/2	118,584	1/2	129,308	1/2	139,990	1/2	150,424	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,067	3/4	118,808	3/4	129,530	3/4	140,212	3/4	150,588	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,291	4	119,032	4	129,753	4	140,435	4	150,753	4	4	4	4	4	4	4	4	4	4
1/4	108,515	1/4	119,256	1/4	129,976	1/4	140,657	1/4	150,880	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,738	1/2	119,479	1/2	130,198	1/2	140,880	1/2	151,007	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,962	3/4	119,703	3/4	130,421	3/4	141,103	3/4	151,134	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,186	5	119,927	5	130,643	5	141,325	5	151,262	5	5	5	5	5	5	5	5	5	5
1/4	109,410	1/4	120,151	1/4	130,866	1/4	141,548	1/4	151,352	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,634	1/2	120,374	1/2	131,088	1/2	141,770	1/2	151,441	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,857	3/4	120,598	3/4	131,311	3/4	141,993	3/4	151,531	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,081	6	120,822	6	131,533	6	142,215	6	151,621	6	6	6	6	6	6	6	6	6	6
1/4	110,305	1/4	121,046	1/4	131,756	1/4	142,438	1/4	151,674	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,529	1/2	121,269	1/2	131,978	1/2	142,660	1/2	151,727	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,752	3/4	121,493	3/4	132,201	3/4	142,883	3/4	151,779	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,976	7	121,717	7	132,423	7	143,105	7	151,832	7	7	7	7	7	7	7	7	7	7
1/4	111,200	1/4	121,941	1/4	132,646	1/4	143,328	1/4	151,847	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,424	1/2	122,165	1/2	132,869	1/2	143,551	1/2	151,863	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,647	3/4	122,388	3/4	133,091	3/4	143,773	3/4	151,878	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,871	8	122,612	8	133,314	8	143,996	8	151,893	8	8	8	8	8	8	8	8	8	8
1/4	112,095	1/4	122,836	1/4	133,536	1/4	144,216	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,319	1/2	123,060	1/2	133,759	1/2	144,437	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,543	3/4	123,283	3/4	133,981	3/4	144,657	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,766	9	123,507	9	134,204	9	144,878	9		9	9	9	9	9	9	9	9	9	9
1/4	112,990	1/4	123,731	1/4	134,426	1/4	145,098	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,214	1/2	123,955	1/2	134,649	1/2	145,319	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,438	3/4	124,178	3/4	134,871	3/4	145,539	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,661	10	124,402	10	135,094	10	145,759	10		10	10	10	10	10	10	10	10	10	10
1/4	113,885	1/4	124,626	1/4	135,317	1/4	145,980	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,109	1/2	124,850	1/2	135,539	1/2	146,200	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,333	3/4	125,074	3/4	135,762	3/4	146,421	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,556	11	125,297	11	135,984	11	146,641	11		11	11	11	11	11	11	11	11	11	11
1/4	114,780	1/4	125,521	1/4	136,207	1/4	146,862	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,004	1/2	125,745	1/2	136,429	1/2	147,082	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,228	3/4	125,969	3/4	136,652	3/4	147,303	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: 04/26/2013 CL SW
CALCULATED: 04/26/2013 CL
PRINTED: 04/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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



BARGE "CBC 1361"

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	00-1/8	- 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	- 00-1/2	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 INNAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

April 26, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 1361"

1 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	140,533	0	131,116	0	121,684	0	112,230	0	101,775	0	91,013	0	80,251
1/4		1/4		1/4		1/4	140,339	1/4	130,920	1/4	121,487	1/4	112,033	1/4	101,551	1/4	90,789	1/4	80,027
1/2		1/2		1/2		1/2	140,144	1/2	130,724	1/2	121,290	1/2	111,836	1/2	101,327	1/2	90,565	1/2	79,803
3/4		3/4		3/4	147,249	3/4	139,950	3/4	130,528	3/4	121,093	3/4	111,639	3/4	101,102	3/4	90,341	3/4	79,578
1		1		1	147,233	1	139,753	1	130,333	1	120,896	1	111,442	1	100,878	1	90,116	1	79,354
1/4		1/4		1/4	147,217	1/4	139,557	1/4	130,137	1/4	120,699	1/4	111,245	1/4	100,654	1/4	89,892	1/4	79,130
1/2		1/2		1/2	147,201	1/2	139,360	1/2	129,941	1/2	120,502	1/2	111,049	1/2	100,430	1/2	89,668	1/2	78,906
3/4		3/4		3/4	147,185	3/4	139,164	3/4	129,745	3/4	120,305	3/4	110,852	3/4	100,206	3/4	89,444	3/4	78,681
2		2		2	147,131	2	138,967	2	129,549	2	120,108	2	110,655	2	99,981	2	89,220	2	78,457
1/4		1/4		1/4	147,078	1/4	138,771	1/4	129,354	1/4	119,911	1/4	110,458	1/4	99,757	1/4	88,995	1/4	78,233
1/2		1/2		1/2	147,024	1/2	138,574	1/2	129,158	1/2	119,714	1/2	110,261	1/2	99,533	1/2	88,771	1/2	78,009
3/4		3/4		3/4	146,971	3/4	138,378	3/4	128,962	3/4	119,517	3/4	110,065	3/4	99,309	3/4	88,547	3/4	77,785
3		3		3	146,880	3	138,181	3	128,765	3	119,320	3	109,841	3	99,085	3	88,323	3	77,560
1/4		1/4		1/4	146,789	1/4	137,985	1/4	128,569	1/4	119,123	1/4	109,617	1/4	98,860	1/4	88,099	1/4	77,336
1/2		1/2		1/2	146,698	1/2	137,788	1/2	128,372	1/2	118,926	1/2	109,393	1/2	98,636	1/2	87,874	1/2	77,112
3/4		3/4		3/4	146,607	3/4	137,592	3/4	128,176	3/4	118,729	3/4	109,169	3/4	98,412	3/4	87,650	3/4	76,888
4		4		4	146,478	4	137,395	4	127,979	4	118,532	4	108,945	4	98,188	4	87,426	4	76,664
1/4		1/4		1/4	146,350	1/4	137,199	1/4	127,783	1/4	118,335	1/4	108,721	1/4	97,964	1/4	87,202	1/4	76,441
1/2		1/2		1/2	146,221	1/2	137,002	1/2	127,586	1/2	118,138	1/2	108,497	1/2	97,739	1/2	86,978	1/2	76,217
3/4		3/4		3/4	146,093	3/4	136,806	3/4	127,390	3/4	117,941	3/4	108,273	3/4	97,515	3/4	86,753	3/4	75,994
5		5		5	145,927	5	136,609	5	127,193	5	117,744	5	108,049	5	97,291	5	86,529	5	75,771
1/4		1/4		1/4	145,761	1/4	136,412	1/4	126,997	1/4	117,547	1/4	107,825	1/4	97,067	1/4	86,305	1/4	75,548
1/2		1/2		1/2	145,595	1/2	136,216	1/2	126,800	1/2	117,350	1/2	107,601	1/2	96,843	1/2	86,081	1/2	75,325
3/4		3/4		3/4	145,430	3/4	136,019	3/4	126,604	3/4	117,153	3/4	107,377	3/4	96,618	3/4	85,857	3/4	75,103
6		6		6	145,226	6	135,823	6	126,407	6	116,956	6	107,153	6	96,394	6	85,632	6	74,880
1/4		1/4		1/4	145,023	1/4	135,626	1/4	126,211	1/4	116,759	1/4	106,929	1/4	96,170	1/4	85,408	1/4	74,657
1/2		1/2		1/2	144,820	1/2	135,430	1/2	126,014	1/2	116,562	1/2	106,705	1/2	95,946	1/2	85,184	1/2	74,434
3/4		3/4		3/4	144,616	3/4	135,233	3/4	125,818	3/4	116,364	3/4	106,481	3/4	95,722	3/4	84,960	3/4	74,211
7		7		7	144,422	7	135,037	7	125,621	7	116,167	7	106,257	7	95,497	7	84,736	7	73,989
1/4		1/4		1/4	144,227	1/4	134,840	1/4	125,425	1/4	115,970	1/4	106,033	1/4	95,273	1/4	84,511	1/4	73,766
1/2		1/2		1/2	144,033	1/2	134,644	1/2	125,228	1/2	115,773	1/2	105,809	1/2	95,049	1/2	84,287	1/2	73,543
3/4		3/4		3/4	143,838	3/4	134,447	3/4	125,032	3/4	115,576	3/4	105,585	3/4	94,825	3/4	84,063	3/4	73,320
8		8		8	143,644	8	134,251	8	124,835	8	115,379	8	105,362	8	94,601	8	83,839	8	73,097
1/4		1/4		1/4	143,450	1/4	134,054	1/4	124,639	1/4	115,182	1/4	105,138	1/4	94,376	1/4	83,615	1/4	72,875
1/2		1/2		1/2	143,255	1/2	133,858	1/2	124,442	1/2	114,985	1/2	104,914	1/2	94,152	1/2	83,390	1/2	72,652
3/4		3/4		3/4	143,061	3/4	133,661	3/4	124,246	3/4	114,788	3/4	104,690	3/4	93,928	3/4	83,166	3/4	72,429
9		9		9	142,866	9	133,466	9	124,049	9	114,591	9	104,465	9	93,704	9	82,942	9	72,206
1/4		1/4		1/4	142,672	1/4	133,270	1/4	123,852	1/4	114,395	1/4	104,241	1/4	93,480	1/4	82,718	1/4	71,984
1/2		1/2		1/2	142,477	1/2	133,074	1/2	123,655	1/2	114,198	1/2	104,017	1/2	93,255	1/2	82,493	1/2	71,761
3/4		3/4		3/4	142,283	3/4	132,878	3/4	123,458	3/4	114,001	3/4	103,793	3/4	93,031	3/4	82,269	3/4	71,538
10		10		10	142,088	10	132,682	10	123,261	10	113,804	10	103,569	10	92,807	10	82,045	10	71,315
1/4		1/4		1/4	141,894	1/4	132,487	1/4	123,064	1/4	113,607	1/4	103,344	1/4	92,583	1/4	81,821	1/4	71,092
1/2		1/2		1/2	141,700	1/2	132,291	1/2	122,867	1/2	113,410	1/2	103,120	1/2	92,359	1/2	81,597	1/2	70,870
3/4		3/4		3/4	141,505	3/4	132,095	3/4	122,670	3/4	113,214	3/4	102,896	3/4	92,134	3/4	81,372	3/4	70,647
11		11		11	141,311	11	131,899	11	122,472	11	113,017	11	102,672	11	91,910	11	81,148	11	70,424
1/4		1/4		1/4	141,116	1/4	131,703	1/4	122,275	1/4	112,820	1/4	102,448	1/4	91,686	1/4	80,924	1/4	70,201
1/2		1/2		1/2	140,922	1/2	131,507	1/2	122,078	1/2	112,623	1/2	102,223	1/2	91,462	1/2	80,700	1/2	69,978
3/4		3/4		3/4	140,727	3/4	131,312	3/4	121,881	3/4	112,426	3/4	101,999	3/4	91,237	3/4	80,475	3/4	69,756

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 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1361"

1 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	69,532	0	58,780	0	48,022	0	37,263	0	26,673	0	15,954	0	5,173	0		0		0	
1/4	69,309	1/4	58,556	1/4	47,798	1/4	37,039	1/4	26,455	1/4	15,730	1/4	4,949	1/4	1/4		1/4		1/4
1/2	69,085	1/2	58,332	1/2	47,573	1/2	36,815	1/2	26,237	1/2	15,505	1/2	4,726	1/2	1/2		1/2		1/2
3/4	68,861	3/4	58,108	3/4	47,349	3/4	36,591	3/4	26,018	3/4	15,280	3/4	4,503	3/4	3/4		3/4		3/4
1	68,638	1	57,884	1	47,125	1	36,367	1	25,800	1	15,055	1	4,280	1	1		1		1
1/4	68,414	1/4	57,659	1/4	46,901	1/4	36,143	1/4	25,581	1/4	14,831	1/4	4,058	1/4	1/4		1/4		1/4
1/2	68,191	1/2	57,435	1/2	46,677	1/2	35,918	1/2	25,362	1/2	14,606	1/2	3,836	1/2	1/2		1/2		1/2
3/4	67,967	3/4	57,211	3/4	46,453	3/4	35,694	3/4	25,144	3/4	14,381	3/4	3,614	3/4	3/4		3/4		3/4
2	67,744	2	56,987	2	46,229	2	35,470	2	24,925	2	14,157	2	3,394	2	2		2		2
1/4	67,520	1/4	56,763	1/4	46,004	1/4	35,246	1/4	24,706	1/4	13,932	1/4	3,173	1/4	1/4		1/4		1/4
1/2	67,297	1/2	56,539	1/2	45,780	1/2	35,022	1/2	24,487	1/2	13,707	1/2	2,953	1/2	1/2		1/2		1/2
3/4	67,073	3/4	56,315	3/4	45,556	3/4	34,798	3/4	24,269	3/4	13,482	3/4	2,733	3/4	3/4		3/4		3/4
3	66,849	3	56,091	3	45,332	3	34,574	3	24,044	3	13,258	3	2,528	3	3		3		3
1/4	66,625	1/4	55,866	1/4	45,108	1/4	34,350	1/4	23,819	1/4	13,033	1/4	2,322	1/4	1/4		1/4		1/4
1/2	66,401	1/2	55,642	1/2	44,884	1/2	34,125	1/2	23,595	1/2	12,808	1/2	2,117	1/2	1/2		1/2		1/2
3/4	66,177	3/4	55,418	3/4	44,660	3/4	33,901	3/4	23,370	3/4	12,584	3/4	1,911	3/4	3/4		3/4		3/4
4	65,952	4	55,194	4	44,436	4	33,677	4	23,145	4	12,359	4	1,743	4	4		4		4
1/4	65,728	1/4	54,970	1/4	44,211	1/4	33,453	1/4	22,920	1/4	12,134	1/4	1,574	1/4	1/4		1/4		1/4
1/2	65,504	1/2	54,746	1/2	43,987	1/2	33,229	1/2	22,696	1/2	11,909	1/2	1,406	1/2	1/2		1/2		1/2
3/4	65,280	3/4	54,522	3/4	43,763	3/4	33,005	3/4	22,471	3/4	11,685	3/4	1,237	3/4	3/4		3/4		3/4
5	65,056	5	54,297	5	43,539	5	32,786	5	22,246	5	11,460	5	1,106	5	5		5		5
1/4	64,832	1/4	54,073	1/4	43,315	1/4	32,568	1/4	22,022	1/4	11,235	1/4	975	1/4	1/4		1/4		1/4
1/2	64,608	1/2	53,849	1/2	43,091	1/2	32,350	1/2	21,797	1/2	11,011	1/2	844	1/2	1/2		1/2		1/2
3/4	64,383	3/4	53,625	3/4	42,867	3/4	32,131	3/4	21,572	3/4	10,786	3/4	713	3/4	3/4		3/4		3/4
6	64,159	6	53,401	6	42,642	6	31,913	6	21,347	6	10,561	6	620	6	6		6		6
1/4	63,935	1/4	53,177	1/4	42,418	1/4	31,695	1/4	21,123	1/4	10,336	1/4	526	1/4	1/4		1/4		1/4
1/2	63,711	1/2	52,953	1/2	42,194	1/2	31,476	1/2	20,898	1/2	10,112	1/2	432	1/2	1/2		1/2		1/2
3/4	63,487	3/4	52,729	3/4	41,970	3/4	31,258	3/4	20,673	3/4	9,887	3/4	339	3/4	3/4		3/4		3/4
7	63,263	7	52,504	7	41,746	7	31,040	7	20,449	7	9,662	7	283	7	7		7		7
1/4	63,039	1/4	52,280	1/4	41,522	1/4	30,821	1/4	20,224	1/4	9,437	1/4	226	1/4	1/4		1/4		1/4
1/2	62,815	1/2	52,056	1/2	41,298	1/2	30,603	1/2	19,999	1/2	9,213	1/2	170	1/2	1/2		1/2		1/2
3/4	62,590	3/4	51,832	3/4	41,074	3/4	30,385	3/4	19,774	3/4	8,988	3/4	114	3/4	3/4		3/4		3/4
8	62,366	8	51,608	8	40,849	8	30,167	8	19,550	8	8,763	8	95	8	8		8		8
1/4	62,142	1/4	51,384	1/4	40,625	1/4	29,948	1/4	19,325	1/4	8,539	1/4	77	1/4	1/4		1/4		1/4
1/2	61,918	1/2	51,160	1/2	40,401	1/2	29,730	1/2	19,100	1/2	8,314	1/2	58	1/2	1/2		1/2		1/2
3/4	61,694	3/4	50,935	3/4	40,177	3/4	29,512	3/4	18,876	3/4	8,089	3/4	39	3/4	3/4		3/4		3/4
9	61,470	9	50,711	9	39,953	9	29,293	9	18,651	9	7,865	9		9	9		9		9
1/4	61,246	1/4	50,487	1/4	39,729	1/4	29,075	1/4	18,426	1/4	7,640	1/4		1/4	1/4		1/4		1/4
1/2	61,021	1/2	50,263	1/2	39,505	1/2	28,857	1/2	18,201	1/2	7,415	1/2		1/2	1/2		1/2		1/2
3/4	60,797	3/4	50,039	3/4	39,280	3/4	28,638	3/4	17,977	3/4	7,190	3/4		3/4	3/4		3/4		3/4
10	60,573	10	49,815	10	39,056	10	28,420	10	17,752	10	6,966	10		10	10		10		10
1/4	60,349	1/4	49,591	1/4	38,832	1/4	28,202	1/4	17,527	1/4	6,741	1/4		1/4	1/4		1/4		1/4
1/2	60,125	1/2	49,366	1/2	38,608	1/2	27,983	1/2	17,303	1/2	6,517	1/2		1/2	1/2		1/2		1/2
3/4	59,901	3/4	49,142	3/4	38,384	3/4	27,765	3/4	17,078	3/4	6,292	3/4		3/4	3/4		3/4		3/4
11	59,677	11	48,918	11	38,160	11	27,547	11	16,853	11	6,068	11		11	11		11		11
1/4	59,453	1/4	48,694	1/4	37,936	1/4	27,328	1/4	16,628	1/4	5,844	1/4		1/4	1/4		1/4		1/4
1/2	59,228	1/2	48,470	1/2	37,712	1/2	27,110	1/2	16,404	1/2	5,620	1/2		1/2	1/2		1/2		1/2
3/4	59,004	3/4	48,246	3/4	37,487	3/4	26,892	3/4	16,179	3/4	5,396	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/26/2013 CL SW
CALCULATED: 04/26/2013 CL
PRINTED: 04/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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



BARGE "CBC 1361"

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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	162,709	0	150,702	0	138,670	0	126,587	0	114,504	0	102,421	0	90,338
1/4	1/4	1/4	1/4	1/4	1/4	1/4	162,461	1/4	150,452	1/4	138,418	1/4	126,335	1/4	114,252	1/4	102,169	1/4	90,086
1/2	1/2	1/2	1/2	1/2	1/2	1/2	162,213	1/2	150,201	1/2	138,166	1/2	126,083	1/2	114,000	1/2	101,917	1/2	89,834
3/4	3/4	3/4	3/4	3/4	3/4	3/4	161,965	3/4	149,951	3/4	137,914	3/4	125,832	3/4	113,749	3/4	101,666	3/4	89,582
1		1		1	170,600	1	161,717	1	149,701	1	137,663	1	125,580	1	113,497	1	101,414	1	89,330
1/4	1/4	1/4	1/4	1/4	170,583	1/4	161,466	1/4	149,451	1/4	137,411	1/4	125,328	1/4	113,245	1/4	101,162	1/4	89,079
1/2	1/2	1/2	1/2	1/2	170,566	1/2	161,216	1/2	149,200	1/2	137,159	1/2	125,076	1/2	112,993	1/2	100,911	1/2	88,827
3/4	3/4	3/4	3/4	3/4	170,548	3/4	160,966	3/4	148,950	3/4	136,908	3/4	124,825	3/4	112,742	3/4	100,659	3/4	88,575
2		2		2	170,531	2	160,715	2	148,700	2	136,656	2	124,573	2	112,490	2	100,407	2	88,323
1/4	1/4	1/4	1/4	1/4	170,472	1/4	160,465	1/4	148,449	1/4	136,404	1/4	124,321	1/4	112,238	1/4	100,155	1/4	88,072
1/2	1/2	1/2	1/2	1/2	170,413	1/2	160,215	1/2	148,199	1/2	136,152	1/2	124,069	1/2	111,987	1/2	99,904	1/2	87,820
3/4	3/4	3/4	3/4	3/4	170,354	3/4	159,964	3/4	147,949	3/4	135,901	3/4	123,818	3/4	111,735	3/4	99,652	3/4	87,568
3		3		3	170,294	3	159,714	3	147,698	3	135,649	3	123,566	3	111,483	3	99,400	3	87,316
1/4	1/4	1/4	1/4	1/4	170,193	1/4	159,464	1/4	147,448	1/4	135,397	1/4	123,314	1/4	111,231	1/4	99,148	1/4	87,064
1/2	1/2	1/2	1/2	1/2	170,092	1/2	159,213	1/2	147,198	1/2	135,145	1/2	123,063	1/2	110,980	1/2	98,897	1/2	86,813
3/4	3/4	3/4	3/4	3/4	169,991	3/4	158,963	3/4	146,947	3/4	134,894	3/4	122,811	3/4	110,728	3/4	98,645	3/4	86,561
4		4		4	169,890	4	158,713	4	146,697	4	134,642	4	122,559	4	110,476	4	98,393	4	86,309
1/4	1/4	1/4	1/4	1/4	169,747	1/4	158,462	1/4	146,447	1/4	134,390	1/4	122,307	1/4	110,224	1/4	98,142	1/4	86,057
1/2	1/2	1/2	1/2	1/2	169,604	1/2	158,212	1/2	146,196	1/2	134,139	1/2	122,056	1/2	109,973	1/2	97,890	1/2	85,806
3/4	3/4	3/4	3/4	3/4	169,460	3/4	157,962	3/4	145,946	3/4	133,887	3/4	121,804	3/4	109,721	3/4	97,638	3/4	85,554
5		5		5	169,317	5	157,711	5	145,696	5	133,635	5	121,552	5	109,469	5	97,386	5	85,302
1/4	1/4	1/4	1/4	1/4	169,132	1/4	157,461	1/4	145,445	1/4	133,383	1/4	121,300	1/4	109,218	1/4	97,135	1/4	85,050
1/2	1/2	1/2	1/2	1/2	168,947	1/2	157,211	1/2	145,195	1/2	133,132	1/2	121,049	1/2	108,966	1/2	96,883	1/2	84,799
3/4	3/4	3/4	3/4	3/4	168,762	3/4	156,960	3/4	144,945	3/4	132,880	3/4	120,797	3/4	108,714	3/4	96,631	3/4	84,547
6		6		6	168,577	6	156,710	6	144,694	6	132,628	6	120,545	6	108,462	6	96,379	6	84,295
1/4	1/4	1/4	1/4	1/4	168,350	1/4	156,460	1/4	144,444	1/4	132,376	1/4	120,294	1/4	108,211	1/4	96,128	1/4	84,043
1/2	1/2	1/2	1/2	1/2	168,123	1/2	156,209	1/2	144,194	1/2	132,125	1/2	120,042	1/2	107,959	1/2	95,876	1/2	83,791
3/4	3/4	3/4	3/4	3/4	167,896	3/4	155,959	3/4	143,943	3/4	131,873	3/4	119,790	3/4	107,707	3/4	95,624	3/4	83,540
7		7		7	167,669	7	155,709	7	143,693	7	131,621	7	119,538	7	107,455	7	95,373	7	83,288
1/4	1/4	1/4	1/4	1/4	167,421	1/4	155,458	1/4	143,443	1/4	131,370	1/4	119,287	1/4	107,204	1/4	95,121	1/4	83,036
1/2	1/2	1/2	1/2	1/2	167,173	1/2	155,208	1/2	143,192	1/2	131,118	1/2	119,035	1/2	106,952	1/2	94,869	1/2	82,784
3/4	3/4	3/4	3/4	3/4	166,925	3/4	154,958	3/4	142,942	3/4	130,866	3/4	118,783	3/4	106,700	3/4	94,617	3/4	82,533
8		8		8	166,677	8	154,707	8	142,692	8	130,614	8	118,531	8	106,449	8	94,366	8	82,281
1/4	1/4	1/4	1/4	1/4	166,429	1/4	154,457	1/4	142,441	1/4	130,363	1/4	118,280	1/4	106,197	1/4	94,114	1/4	82,029
1/2	1/2	1/2	1/2	1/2	166,181	1/2	154,207	1/2	142,191	1/2	130,111	1/2	118,028	1/2	105,945	1/2	93,862	1/2	81,777
3/4	3/4	3/4	3/4	3/4	165,933	3/4	153,956	3/4	141,941	3/4	129,859	3/4	117,776	3/4	105,693	3/4	93,610	3/4	81,526
9		9		9	165,685	9	153,706	9	141,690	9	129,607	9	117,525	9	105,442	9	93,359	9	81,274
1/4	1/4	1/4	1/4	1/4	165,437	1/4	153,456	1/4	141,439	1/4	129,356	1/4	117,273	1/4	105,190	1/4	93,107	1/4	81,022
1/2	1/2	1/2	1/2	1/2	165,189	1/2	153,205	1/2	141,187	1/2	129,104	1/2	117,021	1/2	104,938	1/2	92,855	1/2	80,770
3/4	3/4	3/4	3/4	3/4	164,941	3/4	152,955	3/4	140,935	3/4	128,852	3/4	116,769	3/4	104,686	3/4	92,603	3/4	80,518
10		10		10	164,693	10	152,705	10	140,683	10	128,601	10	116,518	10	104,435	10	92,352	10	80,267
1/4	1/4	1/4	1/4	1/4	164,445	1/4	152,454	1/4	140,432	1/4	128,349	1/4	116,266	1/4	104,183	1/4	92,100	1/4	80,015
1/2	1/2	1/2	1/2	1/2	164,197	1/2	152,204	1/2	140,180	1/2	128,097	1/2	116,014	1/2	103,931	1/2	91,848	1/2	79,763
3/4	3/4	3/4	3/4	3/4	163,949	3/4	151,954	3/4	139,928	3/4	127,845	3/4	115,762	3/4	103,680	3/4	91,596	3/4	79,511
11		11		11	163,701	11	151,703	11	139,677	11	127,594	11	115,511	11	103,428	11	91,345	11	79,260
1/4	1/4	1/4	1/4	1/4	163,453	1/4	151,453	1/4	139,425	1/4	127,342	1/4	115,259	1/4	103,176	1/4	91,093	1/4	79,008
1/2	1/2	1/2	1/2	1/2	163,205	1/2	151,203	1/2	139,173	1/2	127,090	1/2	115,007	1/2	102,924	1/2	90,841	1/2	78,756
3/4	3/4	3/4	3/4	3/4	162,957	3/4	150,952	3/4	138,921	3/4	126,838	3/4	114,756	3/4	102,673	3/4	90,589	3/4	78,504

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 1361"

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	78,253	0	66,168	0	54,083	0	41,998	0	30,149	0	18,122	0	6,041	0		0		0	
1/4	78,001	1/4	65,916	1/4	53,831	1/4	41,746	1/4	29,904	1/4	17,870	1/4	5,791	1/4	1/4		1/4		1/4
1/2	77,749	1/2	65,664	1/2	53,579	1/2	41,494	1/2	29,660	1/2	17,619	1/2	5,541	1/2	1/2		1/2		1/2
3/4	77,497	3/4	65,412	3/4	53,327	3/4	41,242	3/4	29,416	3/4	17,367	3/4	5,291	3/4	3/4		3/4		3/4
1	77,245	1	65,160	1	53,075	1	40,991	1	29,171	1	17,115	1	5,040	1	1		1		1
1/4	76,994	1/4	64,909	1/4	52,824	1/4	40,739	1/4	28,927	1/4	16,863	1/4	4,792	1/4	1/4		1/4		1/4
1/2	76,742	1/2	64,657	1/2	52,572	1/2	40,487	1/2	28,682	1/2	16,611	1/2	4,543	1/2	1/2		1/2		1/2
3/4	76,490	3/4	64,405	3/4	52,320	3/4	40,235	3/4	28,437	3/4	16,360	3/4	4,294	3/4	3/4		3/4		3/4
2	76,238	2	64,153	2	52,068	2	39,983	2	28,193	2	16,108	2	4,045	2	2		2		2
1/4	75,987	1/4	63,902	1/4	51,817	1/4	39,732	1/4	27,941	1/4	15,856	1/4	3,798	1/4	1/4		1/4		1/4
1/2	75,735	1/2	63,650	1/2	51,565	1/2	39,480	1/2	27,689	1/2	15,604	1/2	3,551	1/2	1/2		1/2		1/2
3/4	75,483	3/4	63,398	3/4	51,313	3/4	39,228	3/4	27,437	3/4	15,353	3/4	3,304	3/4	3/4		3/4		3/4
3	75,231	3	63,146	3	51,061	3	38,976	3	27,185	3	15,101	3	3,058	3	3		3		3
1/4	74,980	1/4	62,895	1/4	50,810	1/4	38,725	1/4	26,934	1/4	14,849	1/4	2,828	1/4	1/4		1/4		1/4
1/2	74,728	1/2	62,643	1/2	50,558	1/2	38,473	1/2	26,682	1/2	14,597	1/2	2,597	1/2	1/2		1/2		1/2
3/4	74,476	3/4	62,391	3/4	50,306	3/4	38,221	3/4	26,430	3/4	14,346	3/4	2,367	3/4	3/4		3/4		3/4
4	74,224	4	62,139	4	50,054	4	37,969	4	26,178	4	14,094	4	2,137	4	4		4		4
1/4	73,972	1/4	61,887	1/4	49,802	1/4	37,725	1/4	25,927	1/4	13,842	1/4	1,948	1/4	1/4		1/4		1/4
1/2	73,721	1/2	61,636	1/2	49,551	1/2	37,480	1/2	25,675	1/2	13,590	1/2	1,760	1/2	1/2		1/2		1/2
3/4	73,469	3/4	61,384	3/4	49,299	3/4	37,235	3/4	25,423	3/4	13,339	3/4	1,571	3/4	3/4		3/4		3/4
5	73,217	5	61,132	5	49,047	5	36,990	5	25,171	5	13,087	5	1,382	5	5		5		5
1/4	72,965	1/4	60,880	1/4	48,795	1/4	36,746	1/4	24,920	1/4	12,835	1/4	1,235	1/4	1/4		1/4		1/4
1/2	72,714	1/2	60,629	1/2	48,544	1/2	36,502	1/2	24,668	1/2	12,583	1/2	1,088	1/2	1/2		1/2		1/2
3/4	72,462	3/4	60,377	3/4	48,292	3/4	36,257	3/4	24,416	3/4	12,332	3/4	941	3/4	3/4		3/4		3/4
6	72,210	6	60,125	6	48,040	6	36,013	6	24,164	6	12,080	6	794	6	6		6		6
1/4	71,958	1/4	59,873	1/4	47,788	1/4	35,769	1/4	23,913	1/4	11,828	1/4	690	1/4	1/4		1/4		1/4
1/2	71,706	1/2	59,622	1/2	47,537	1/2	35,524	1/2	23,661	1/2	11,576	1/2	585	1/2	1/2		1/2		1/2
3/4	71,455	3/4	59,370	3/4	47,285	3/4	35,280	3/4	23,409	3/4	11,324	3/4	480	3/4	3/4		3/4		3/4
7	71,203	7	59,118	7	47,033	7	35,036	7	23,157	7	11,073	7	375	7	7		7		7
1/4	70,951	1/4	58,866	1/4	46,781	1/4	34,791	1/4	22,906	1/4	10,821	1/4	312	1/4	1/4		1/4		1/4
1/2	70,699	1/2	58,614	1/2	46,529	1/2	34,547	1/2	22,654	1/2	10,569	1/2	249	1/2	1/2		1/2		1/2
3/4	70,448	3/4	58,363	3/4	46,278	3/4	34,303	3/4	22,402	3/4	10,317	3/4	186	3/4	3/4		3/4		3/4
8	70,196	8	58,111	8	46,026	8	34,058	8	22,150	8	10,066	8	123	8	8		8		8
1/4	69,944	1/4	57,859	1/4	45,774	1/4	33,814	1/4	21,898	1/4	9,814	1/4	102	1/4	1/4		1/4		1/4
1/2	69,692	1/2	57,607	1/2	45,522	1/2	33,570	1/2	21,647	1/2	9,562	1/2	81	1/2	1/2		1/2		1/2
3/4	69,441	3/4	57,356	3/4	45,271	3/4	33,325	3/4	21,395	3/4	9,310	3/4	60	3/4	3/4		3/4		3/4
9	69,189	9	57,104	9	45,019	9	33,081	9	21,143	9	9,059	9	39	9	9		9		9
1/4	68,937	1/4	56,852	1/4	44,767	1/4	32,837	1/4	20,891	1/4	8,807	1/4		1/4	1/4		1/4		1/4
1/2	68,685	1/2	56,600	1/2	44,515	1/2	32,592	1/2	20,640	1/2	8,555	1/2		1/2	1/2		1/2		1/2
3/4	68,433	3/4	56,349	3/4	44,264	3/4	32,348	3/4	20,388	3/4	8,303	3/4		3/4	3/4		3/4		3/4
10	68,182	10	56,097	10	44,012	10	32,103	10	20,136	10	8,052	10		10	10		10		10
1/4	67,930	1/4	55,845	1/4	43,760	1/4	31,859	1/4	19,884	1/4	7,800	1/4		1/4	1/4		1/4		1/4
1/2	67,678	1/2	55,593	1/2	43,508	1/2	31,615	1/2	19,633	1/2	7,549	1/2		1/2	1/2		1/2		1/2
3/4	67,426	3/4	55,341	3/4	43,256	3/4	31,370	3/4	19,381	3/4	7,297	3/4		3/4	3/4		3/4		3/4
11	67,175	11	55,090	11	43,005	11	31,126	11	19,129	11	7,046	11		11	11		11		11
1/4	66,923	1/4	54,838	1/4	42,753	1/4	30,882	1/4	18,877	1/4	6,794	1/4		1/4	1/4		1/4		1/4
1/2	66,671	1/2	54,586	1/2	42,501	1/2	30,637	1/2	18,626	1/2	6,543	1/2		1/2	1/2		1/2		1/2
3/4	66,419	3/4	54,334	3/4	42,249	3/4	30,393	3/4	18,374	3/4	6,292	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/26/2013 CL SW
CALCULATED: 04/26/2013 CL
PRINTED: 04/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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



BARGE "CBC 1361"

3 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	144,877	0	134,204	0	123,507	0	112,766	0	102,025	0	91,284	0	80,543
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,657	1/4	133,981	1/4	123,283	1/4	112,542	1/4	101,802	1/4	91,061	1/4	80,319
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,436	1/2	133,759	1/2	123,059	1/2	112,319	1/2	101,578	1/2	90,837	1/2	80,096
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,216	3/4	133,536	3/4	122,836	3/4	112,095	3/4	101,354	3/4	90,613	3/4	79,872
1		1		1	151,893	1	143,995	1	133,313	1	122,612	1	111,871	1	101,130	1	90,389	1	79,648
1/4	1/4	1/4	1/4	1/4	151,878	1/4	143,773	1/4	133,091	1/4	122,388	1/4	111,647	1/4	100,906	1/4	90,166	1/4	79,424
1/2	1/2	1/2	1/2	1/2	151,862	1/2	143,550	1/2	132,868	1/2	122,164	1/2	111,424	1/2	100,683	1/2	89,942	1/2	79,200
3/4	3/4	3/4	3/4	3/4	151,847	3/4	143,328	3/4	132,646	3/4	121,941	3/4	111,200	3/4	100,459	3/4	89,718	3/4	78,976
2		2		2	151,832	2	143,105	2	132,423	2	121,717	2	110,976	2	100,235	2	89,494	2	78,753
1/4	1/4	1/4	1/4	1/4	151,779	1/4	142,883	1/4	132,201	1/4	121,493	1/4	110,752	1/4	100,011	1/4	89,271	1/4	78,529
1/2	1/2	1/2	1/2	1/2	151,726	1/2	142,660	1/2	131,978	1/2	121,269	1/2	110,528	1/2	99,788	1/2	89,047	1/2	78,305
3/4	3/4	3/4	3/4	3/4	151,674	3/4	142,438	3/4	131,756	3/4	121,046	3/4	110,305	3/4	99,564	3/4	88,823	3/4	78,081
3		3		3	151,621	3	142,215	3	131,533	3	120,822	3	110,081	3	99,340	3	88,599	3	77,857
1/4	1/4	1/4	1/4	1/4	151,531	1/4	141,993	1/4	131,311	1/4	120,598	1/4	109,857	1/4	99,116	1/4	88,375	1/4	77,634
1/2	1/2	1/2	1/2	1/2	151,441	1/2	141,770	1/2	131,088	1/2	120,374	1/2	109,633	1/2	98,893	1/2	88,152	1/2	77,410
3/4	3/4	3/4	3/4	3/4	151,351	3/4	141,547	3/4	130,866	3/4	120,150	3/4	109,410	3/4	98,669	3/4	87,928	3/4	77,186
4		4		4	151,261	4	141,325	4	130,643	4	119,927	4	109,186	4	98,445	4	87,704	4	76,962
1/4	1/4	1/4	1/4	1/4	151,134	1/4	141,102	1/4	130,420	1/4	119,703	1/4	108,962	1/4	98,221	1/4	87,480	1/4	76,738
1/2	1/2	1/2	1/2	1/2	151,007	1/2	140,880	1/2	130,198	1/2	119,479	1/2	108,738	1/2	97,997	1/2	87,257	1/2	76,515
3/4	3/4	3/4	3/4	3/4	150,880	3/4	140,657	3/4	129,975	3/4	119,255	3/4	108,515	3/4	97,774	3/4	87,033	3/4	76,291
5		5		5	150,753	5	140,435	5	129,753	5	119,032	5	108,291	5	97,550	5	86,809	5	76,067
1/4	1/4	1/4	1/4	1/4	150,588	1/4	140,212	1/4	129,530	1/4	118,808	1/4	108,067	1/4	97,326	1/4	86,585	1/4	75,843
1/2	1/2	1/2	1/2	1/2	150,423	1/2	139,990	1/2	129,308	1/2	118,584	1/2	107,843	1/2	97,102	1/2	86,362	1/2	75,619
3/4	3/4	3/4	3/4	3/4	150,259	3/4	139,767	3/4	129,085	3/4	118,360	3/4	107,619	3/4	96,879	3/4	86,138	3/4	75,396
6		6		6	150,094	6	139,545	6	128,863	6	118,137	6	107,396	6	96,655	6	85,914	6	75,172
1/4	1/4	1/4	1/4	1/4	149,893	1/4	139,322	1/4	128,640	1/4	117,913	1/4	107,172	1/4	96,431	1/4	85,690	1/4	74,948
1/2	1/2	1/2	1/2	1/2	149,691	1/2	139,100	1/2	128,418	1/2	117,689	1/2	106,948	1/2	96,207	1/2	85,466	1/2	74,724
3/4	3/4	3/4	3/4	3/4	149,489	3/4	138,877	3/4	128,195	3/4	117,465	3/4	106,724	3/4	95,984	3/4	85,243	3/4	74,500
7		7		7	149,287	7	138,654	7	127,973	7	117,241	7	106,501	7	95,760	7	85,019	7	74,277
1/4	1/4	1/4	1/4	1/4	149,067	1/4	138,432	1/4	127,750	1/4	117,018	1/4	106,277	1/4	95,536	1/4	84,795	1/4	74,053
1/2	1/2	1/2	1/2	1/2	148,846	1/2	138,209	1/2	127,527	1/2	116,794	1/2	106,053	1/2	95,312	1/2	84,571	1/2	73,829
3/4	3/4	3/4	3/4	3/4	148,626	3/4	137,987	3/4	127,305	3/4	116,570	3/4	105,829	3/4	95,088	3/4	84,348	3/4	73,605
8		8		8	148,405	8	137,764	8	127,082	8	116,346	8	105,606	8	94,865	8	84,124	8	73,381
1/4	1/4	1/4	1/4	1/4	148,185	1/4	137,542	1/4	126,860	1/4	116,123	1/4	105,382	1/4	94,641	1/4	83,900	1/4	73,158
1/2	1/2	1/2	1/2	1/2	147,964	1/2	137,319	1/2	126,637	1/2	115,899	1/2	105,158	1/2	94,417	1/2	83,676	1/2	72,934
3/4	3/4	3/4	3/4	3/4	147,744	3/4	137,097	3/4	126,415	3/4	115,675	3/4	104,934	3/4	94,193	3/4	83,453	3/4	72,710
9		9		9	147,523	9	136,874	9	126,192	9	115,451	9	104,710	9	93,970	9	83,229	9	72,486
1/4	1/4	1/4	1/4	1/4	147,303	1/4	136,652	1/4	125,968	1/4	115,228	1/4	104,487	1/4	93,746	1/4	83,005	1/4	72,262
1/2	1/2	1/2	1/2	1/2	147,082	1/2	136,429	1/2	125,745	1/2	115,004	1/2	104,263	1/2	93,522	1/2	82,781	1/2	72,039
3/4	3/4	3/4	3/4	3/4	146,862	3/4	136,207	3/4	125,521	3/4	114,780	3/4	104,039	3/4	93,298	3/4	82,557	3/4	71,815
10		10		10	146,641	10	135,984	10	125,297	10	114,556	10	103,815	10	93,075	10	82,334	10	71,591
1/4	1/4	1/4	1/4	1/4	146,421	1/4	135,761	1/4	125,073	1/4	114,332	1/4	103,592	1/4	92,851	1/4	82,110	1/4	71,367
1/2	1/2	1/2	1/2	1/2	146,200	1/2	135,539	1/2	124,850	1/2	114,109	1/2	103,368	1/2	92,627	1/2	81,886	1/2	71,143
3/4	3/4	3/4	3/4	3/4	145,980	3/4	135,316	3/4	124,626	3/4	113,885	3/4	103,144	3/4	92,403	3/4	81,662	3/4	70,919
11		11		11	145,759	11	135,094	11	124,402	11	113,661	11	102,920	11	92,179	11	81,438	11	70,696
1/4	1/4	1/4	1/4	1/4	145,539	1/4	134,871	1/4	124,178	1/4	113,437	1/4	102,697	1/4	91,956	1/4	81,215	1/4	70,472
1/2	1/2	1/2	1/2	1/2	145,318	1/2	134,649	1/2	123,954	1/2	113,214	1/2	102,473	1/2	91,732	1/2	80,991	1/2	70,248
3/4	3/4	3/4	3/4	3/4	145,098	3/4	134,426	3/4	123,731	3/4	112,990	3/4	102,249	3/4	91,508	3/4	80,767	3/4	70,024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1361"

3 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	69,800	0	59,058	0	48,315	0	37,572	0	26,850	0	16,113	0	5,375	0		0		0	
1/4	69,577	1/4	58,834	1/4	48,091	1/4	37,349	1/4	26,627	1/4	15,890	1/4	5,152	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,353	1/2	58,610	1/2	47,868	1/2	37,125	1/2	26,404	1/2	15,666	1/2	4,930	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,129	3/4	58,386	3/4	47,644	3/4	36,901	3/4	26,181	3/4	15,442	3/4	4,707	3/4	3/4	3/4	3/4	3/4	3/4
1	68,905	1	58,163	1	47,420	1	36,677	1	25,958	1	15,218	1	4,485	1	1	1	1	1	1
1/4	68,681	1/4	57,939	1/4	47,196	1/4	36,453	1/4	25,734	1/4	14,994	1/4	4,264	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,458	1/2	57,715	1/2	46,972	1/2	36,230	1/2	25,511	1/2	14,771	1/2	4,042	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,234	3/4	57,491	3/4	46,748	3/4	36,006	3/4	25,287	3/4	14,547	3/4	3,821	3/4	3/4	3/4	3/4	3/4	3/4
2	68,010	2	57,267	2	46,525	2	35,782	2	25,064	2	14,323	2	3,600	2	2	2	2	2	2
1/4	67,786	1/4	57,044	1/4	46,301	1/4	35,558	1/4	24,840	1/4	14,099	1/4	3,380	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,562	1/2	56,820	1/2	46,077	1/2	35,334	1/2	24,617	1/2	13,875	1/2	3,161	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,339	3/4	56,596	3/4	45,853	3/4	35,111	3/4	24,394	3/4	13,652	3/4	2,942	3/4	3/4	3/4	3/4	3/4	3/4
3	67,115	3	56,372	3	45,629	3	34,887	3	24,170	3	13,428	3	2,722	3	3	3	3	3	3
1/4	66,891	1/4	56,148	1/4	45,406	1/4	34,663	1/4	23,946	1/4	13,204	1/4	2,518	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,667	1/2	55,925	1/2	45,182	1/2	34,439	1/2	23,722	1/2	12,980	1/2	2,313	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,443	3/4	55,701	3/4	44,958	3/4	34,215	3/4	23,499	3/4	12,756	3/4	2,109	3/4	3/4	3/4	3/4	3/4	3/4
4	66,220	4	55,477	4	44,734	4	33,992	4	23,275	4	12,533	4	1,904	4	4	4	4	4	4
1/4	65,996	1/4	55,253	1/4	44,510	1/4	33,768	1/4	23,051	1/4	12,309	1/4	1,736	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,772	1/2	55,029	1/2	44,287	1/2	33,544	1/2	22,827	1/2	12,085	1/2	1,568	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,548	3/4	54,805	3/4	44,063	3/4	33,320	3/4	22,603	3/4	11,861	3/4	1,401	3/4	3/4	3/4	3/4	3/4	3/4
5	65,324	5	54,582	5	43,839	5	33,096	5	22,380	5	11,637	5	1,233	5	5	5	5	5	5
1/4	65,101	1/4	54,358	1/4	43,615	1/4	32,873	1/4	22,156	1/4	11,414	1/4	1,102	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,877	1/2	54,134	1/2	43,391	1/2	32,650	1/2	21,932	1/2	11,190	1/2	972	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,653	3/4	53,910	3/4	43,168	3/4	32,427	3/4	21,708	3/4	10,966	3/4	841	3/4	3/4	3/4	3/4	3/4	3/4
6	64,429	6	53,686	6	42,944	6	32,204	6	21,485	6	10,742	6	711	6	6	6	6	6	6
1/4	64,205	1/4	53,463	1/4	42,720	1/4	31,981	1/4	21,261	1/4	10,518	1/4	617	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,982	1/2	53,239	1/2	42,496	1/2	31,758	1/2	21,037	1/2	10,295	1/2	524	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,758	3/4	53,015	3/4	42,272	3/4	31,535	3/4	20,813	3/4	10,071	3/4	431	3/4	3/4	3/4	3/4	3/4	3/4
7	63,534	7	52,791	7	42,049	7	31,312	7	20,589	7	9,847	7	338	7	7	7	7	7	7
1/4	63,310	1/4	52,567	1/4	41,825	1/4	31,089	1/4	20,366	1/4	9,623	1/4	282	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,086	1/2	52,344	1/2	41,601	1/2	30,866	1/2	20,142	1/2	9,400	1/2	226	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,862	3/4	52,120	3/4	41,377	3/4	30,642	3/4	19,918	3/4	9,176	3/4	170	3/4	3/4	3/4	3/4	3/4	3/4
8	62,639	8	51,896	8	41,153	8	30,419	8	19,694	8	8,952	8	114	8	8	8	8	8	8
1/4	62,415	1/4	51,672	1/4	40,930	1/4	30,196	1/4	19,470	1/4	8,728	1/4	95	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,191	1/2	51,448	1/2	40,706	1/2	29,973	1/2	19,247	1/2	8,504	1/2	77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,967	3/4	51,225	3/4	40,482	3/4	29,750	3/4	19,023	3/4	8,281	3/4	58	3/4	3/4	3/4	3/4	3/4	3/4
9	61,743	9	51,001	9	40,258	9	29,527	9	18,799	9	8,057	9	39	9	9	9	9	9	9
1/4	61,520	1/4	50,777	1/4	40,034	1/4	29,304	1/4	18,575	1/4	7,833	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,296	1/2	50,553	1/2	39,811	1/2	29,081	1/2	18,351	1/2	7,609	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,072	3/4	50,329	3/4	39,587	3/4	28,858	3/4	18,128	3/4	7,385	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,848	10	50,106	10	39,363	10	28,635	10	17,904	10	7,162	10	10	10	10	10	10	10	10
1/4	60,624	1/4	49,882	1/4	39,139	1/4	28,412	1/4	17,680	1/4	6,938	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,401	1/2	49,658	1/2	38,915	1/2	28,188	1/2	17,456	1/2	6,714	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,177	3/4	49,434	3/4	38,692	3/4	27,965	3/4	17,232	3/4	6,491	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	59,953	11	49,210	11	38,468	11	27,742	11	17,009	11	6,267	11	11	11	11	11	11	11	11
1/4	59,729	1/4	48,987	1/4	38,244	1/4	27,519	1/4	16,785	1/4	6,044	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,505	1/2	48,763	1/2	38,020	1/2	27,296	1/2	16,561	1/2	5,821	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,282	3/4	48,539	3/4	37,796	3/4	27,073	3/4	16,337	3/4	5,598	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRINTED: 04/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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

