



BARGE "CBC 1362"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

May 21, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 1362"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	8,097	0	18,894	0	29,540	0	40,216	0	50,985	0	61,754	0	72,500	0	83,247	0	94,020
1/4	58	1/4	8,322	1/4	19,119	1/4	29,759	1/4	40,441	1/4	51,210	1/4	61,979	1/4	72,723	1/4	83,472	1/4	94,244
1/2	77	1/2	8,547	1/2	19,344	1/2	29,978	1/2	40,665	1/2	51,434	1/2	62,203	1/2	72,946	1/2	83,696	1/2	94,468
3/4	96	3/4	8,772	3/4	19,569	3/4	30,196	3/4	40,889	3/4	51,658	3/4	62,427	3/4	73,169	3/4	83,921	3/4	94,693
1	114	1	8,997	1	19,794	1	30,415	1	41,114	1	51,883	1	62,652	1	73,392	1	84,145	1	94,917
1/4	171	1/4	9,222	1/4	20,019	1/4	30,633	1/4	41,338	1/4	52,107	1/4	62,876	1/4	73,615	1/4	84,369	1/4	95,142
1/2	227	1/2	9,447	1/2	20,244	1/2	30,852	1/2	41,562	1/2	52,331	1/2	63,100	1/2	73,838	1/2	84,594	1/2	95,366
3/4	283	3/4	9,672	3/4	20,469	3/4	31,070	3/4	41,787	3/4	52,556	3/4	63,325	3/4	74,061	3/4	84,818	3/4	95,591
2	339	2	9,897	2	20,694	2	31,289	2	42,011	2	52,780	2	63,549	2	74,284	2	85,043	2	95,815
1/4	433	1/4	10,122	1/4	20,919	1/4	31,507	1/4	42,236	1/4	53,004	1/4	63,773	1/4	74,507	1/4	85,267	1/4	96,039
1/2	527	1/2	10,347	1/2	21,143	1/2	31,726	1/2	42,460	1/2	53,229	1/2	63,998	1/2	74,730	1/2	85,492	1/2	96,264
3/4	620	3/4	10,572	3/4	21,368	3/4	31,944	3/4	42,684	3/4	53,453	3/4	64,222	3/4	74,953	3/4	85,716	3/4	96,488
3	714	3	10,796	3	21,593	3	32,163	3	42,909	3	53,677	3	64,446	3	75,176	3	85,940	3	96,713
1/4	845	1/4	11,021	1/4	21,818	1/4	32,381	1/4	43,133	1/4	53,902	1/4	64,671	1/4	75,399	1/4	86,165	1/4	96,937
1/2	976	1/2	11,246	1/2	22,043	1/2	32,600	1/2	43,357	1/2	54,126	1/2	64,895	1/2	75,622	1/2	86,389	1/2	97,162
3/4	1,108	3/4	11,471	3/4	22,268	3/4	32,819	3/4	43,582	3/4	54,351	3/4	65,119	3/4	75,845	3/4	86,614	3/4	97,386
4	1,239	4	11,696	4	22,493	4	33,037	4	43,806	4	54,575	4	65,344	4	76,068	4	86,838	4	97,610
1/4	1,408	1/4	11,921	1/4	22,718	1/4	33,261	1/4	44,030	1/4	54,799	1/4	65,568	1/4	76,292	1/4	87,063	1/4	97,835
1/2	1,576	1/2	12,146	1/2	22,943	1/2	33,486	1/2	44,255	1/2	55,024	1/2	65,792	1/2	76,515	1/2	87,287	1/2	98,059
3/4	1,745	3/4	12,371	3/4	23,168	3/4	33,710	3/4	44,479	3/4	55,248	3/4	66,017	3/4	76,739	3/4	87,511	3/4	98,284
5	1,913	5	12,596	5	23,393	5	33,934	5	44,703	5	55,472	5	66,241	5	76,963	5	87,736	5	98,508
1/4	2,119	1/4	12,821	1/4	23,618	1/4	34,159	1/4	44,928	1/4	55,697	1/4	66,466	1/4	77,187	1/4	87,960	1/4	98,732
1/2	2,325	1/2	13,046	1/2	23,843	1/2	34,383	1/2	45,152	1/2	55,921	1/2	66,690	1/2	77,412	1/2	88,185	1/2	98,957
3/4	2,530	3/4	13,271	3/4	24,068	3/4	34,608	3/4	45,376	3/4	56,145	3/4	66,914	3/4	77,636	3/4	88,409	3/4	99,181
6	2,736	6	13,496	6	24,293	6	34,832	6	45,601	6	56,370	6	67,139	6	77,860	6	88,633	6	99,406
1/4	2,956	1/4	13,721	1/4	24,511	1/4	35,056	1/4	45,825	1/4	56,594	1/4	67,362	1/4	78,085	1/4	88,858	1/4	99,630
1/2	3,177	1/2	13,946	1/2	24,730	1/2	35,281	1/2	46,049	1/2	56,818	1/2	67,586	1/2	78,309	1/2	89,082	1/2	99,855
3/4	3,397	3/4	14,171	3/4	24,949	3/4	35,505	3/4	46,274	3/4	57,043	3/4	67,810	3/4	78,534	3/4	89,307	3/4	100,079
7	3,618	7	14,395	7	25,168	7	35,729	7	46,498	7	57,267	7	68,034	7	78,758	7	89,531	7	100,303
1/4	3,840	1/4	14,620	1/4	25,387	1/4	35,954	1/4	46,723	1/4	57,491	1/4	68,257	1/4	78,983	1/4	89,756	1/4	100,528
1/2	4,062	1/2	14,845	1/2	25,606	1/2	36,178	1/2	46,947	1/2	57,716	1/2	68,481	1/2	79,207	1/2	89,980	1/2	100,752
3/4	4,285	3/4	15,070	3/4	25,825	3/4	36,402	3/4	47,171	3/4	57,940	3/4	68,705	3/4	79,432	3/4	90,204	3/4	100,977
8	4,507	8	15,295	8	26,044	8	36,627	8	47,396	8	58,165	8	68,929	8	79,656	8	90,429	8	101,201
1/4	4,731	1/4	15,520	1/4	26,262	1/4	36,851	1/4	47,620	1/4	58,389	1/4	69,152	1/4	79,881	1/4	90,653	1/4	101,426
1/2	4,954	1/2	15,745	1/2	26,481	1/2	37,075	1/2	47,844	1/2	58,613	1/2	69,376	1/2	80,105	1/2	90,878	1/2	101,650
3/4	5,178	3/4	15,970	3/4	26,700	3/4	37,300	3/4	48,069	3/4	58,838	3/4	69,600	3/4	80,329	3/4	91,102	3/4	101,874
9	5,402	9	16,195	9	26,918	9	37,524	9	48,293	9	59,062	9	69,824	9	80,554	9	91,327	9	102,099
1/4	5,626	1/4	16,420	1/4	27,137	1/4	37,748	1/4	48,517	1/4	59,286	1/4	70,047	1/4	80,778	1/4	91,551	1/4	102,323
1/2	5,850	1/2	16,645	1/2	27,355	1/2	37,973	1/2	48,742	1/2	59,511	1/2	70,270	1/2	81,003	1/2	91,775	1/2	102,548
3/4	6,074	3/4	16,870	3/4	27,574	3/4	38,197	3/4	48,966	3/4	59,735	3/4	70,493	3/4	81,227	3/4	92,000	3/4	102,772
10	6,299	10	17,095	10	27,792	10	38,422	10	49,190	10	59,959	10	70,716	10	81,452	10	92,224	10	102,996
1/4	6,523	1/4	17,320	1/4	28,011	1/4	38,646	1/4	49,415	1/4	60,184	1/4	70,939	1/4	81,676	1/4	92,449	1/4	103,221
1/2	6,748	1/2	17,545	1/2	28,229	1/2	38,870	1/2	49,639	1/2	60,408	1/2	71,162	1/2	81,901	1/2	92,673	1/2	103,445
3/4	6,973	3/4	17,769	3/4	28,448	3/4	39,095	3/4	49,863	3/4	60,632	3/4	71,385	3/4	82,125	3/4	92,897	3/4	103,670
11	7,198	11	17,994	11	28,666	11	39,319	11	50,088	11	60,857	11	71,608	11	82,350	11	93,122	11	103,894
1/4	7,423	1/4	18,219	1/4	28,885	1/4	39,543	1/4	50,312	1/4	61,081	1/4	71,831	1/4	82,574	1/4	93,346	1/4	104,119
1/2	7,647	1/2	18,444	1/2	29,103	1/2	39,768	1/2	50,537	1/2	61,305	1/2	72,054	1/2	82,798	1/2	93,571	1/2	104,343
3/4	7,872	3/4	18,669	3/4	29,322	3/4	39,992	3/4	50,761	3/4	61,530	3/4	72,277	3/4	83,023	3/4	93,795	3/4	104,567

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 1362"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	104,792	0	114,900	0	124,367	0	133,792	0	143,200	0		0		0		0		0	
1/4	105,016	1/4	115,097	1/4	124,564	1/4	133,988	1/4	143,395	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,240	1/2	115,295	1/2	124,760	1/2	134,185	1/2	143,589	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,464	3/4	115,492	3/4	124,957	3/4	134,382	3/4	143,784	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,689	1	115,689	1	125,154	1	134,579	1	143,979	1	1	1	1	1	1	1	1	1	1
1/4	105,913	1/4	115,886	1/4	125,350	1/4	134,775	1/4	144,173	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,137	1/2	116,084	1/2	125,547	1/2	134,972	1/2	144,368	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,361	3/4	116,281	3/4	125,744	3/4	135,169	3/4	144,563	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,585	2	116,478	2	125,941	2	135,365	2	144,757	2	2	2	2	2	2	2	2	2	2
1/4	106,809	1/4	116,675	1/4	126,137	1/4	135,562	1/4	144,961	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,034	1/2	116,872	1/2	126,334	1/2	135,759	1/2	145,164	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,258	3/4	117,070	3/4	126,531	3/4	135,955	3/4	145,368	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,482	3	117,267	3	126,727	3	136,152	3	145,571	3	3	3	3	3	3	3	3	3	3
1/4	107,706	1/4	117,464	1/4	126,924	1/4	136,349	1/4	145,737	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,930	1/2	117,661	1/2	127,121	1/2	136,546	1/2	145,903	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,154	3/4	117,859	3/4	127,317	3/4	136,742	3/4	146,069	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,379	4	118,056	4	127,514	4	136,939	4	146,236	4	4	4	4	4	4	4	4	4	4
1/4	108,603	1/4	118,253	1/4	127,711	1/4	137,136	1/4	146,364	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,827	1/2	118,450	1/2	127,908	1/2	137,332	1/2	146,493	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,051	3/4	118,647	3/4	128,104	3/4	137,529	3/4	146,621	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,275	5	118,845	5	128,301	5	137,726	5	146,750	5	5	5	5	5	5	5	5	5	5
1/4	109,499	1/4	119,042	1/4	128,498	1/4	137,922	1/4	146,841	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,724	1/2	119,239	1/2	128,694	1/2	138,119	1/2	146,932	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,948	3/4	119,436	3/4	128,891	3/4	138,316	3/4	147,023	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,172	6	119,634	6	129,088	6	138,513	6	147,114	6	6	6	6	6	6	6	6	6	6
1/4	110,369	1/4	119,831	1/4	129,284	1/4	138,709	1/4	147,168	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,566	1/2	120,028	1/2	129,480	1/2	138,906	1/2	147,221	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,763	3/4	120,225	3/4	129,676	3/4	139,103	3/4	147,275	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,960	7	120,422	7	129,872	7	139,299	7	147,328	7	7	7	7	7	7	7	7	7	7
1/4	111,157	1/4	120,620	1/4	130,068	1/4	139,496	1/4	147,344	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,354	1/2	120,817	1/2	130,264	1/2	139,693	1/2	147,360	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,551	3/4	121,014	3/4	130,460	3/4	139,889	3/4	147,377	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,748	8	121,211	8	130,656	8	140,086	8	147,393	8	8	8	8	8	8	8	8	8	8
1/4	111,945	1/4	121,409	1/4	130,852	1/4	140,281	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,142	1/2	121,606	1/2	131,048	1/2	140,475	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,339	3/4	121,803	3/4	131,244	3/4	140,670	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,536	9	122,000	9	131,440	9	140,865	9		9	9	9	9	9	9	9	9	9	9
1/4	112,733	1/4	122,198	1/4	131,636	1/4	141,059	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,930	1/2	122,395	1/2	131,832	1/2	141,254	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,127	3/4	122,592	3/4	132,028	3/4	141,449	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,324	10	122,789	10	132,224	10	141,643	10		10	10	10	10	10	10	10	10	10	10
1/4	113,521	1/4	122,986	1/4	132,420	1/4	141,838	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,718	1/2	123,184	1/2	132,616	1/2	142,032	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,915	3/4	123,381	3/4	132,812	3/4	142,227	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,112	11	123,578	11	133,008	11	142,422	11		11	11	11	11	11	11	11	11	11	11
1/4	114,309	1/4	123,775	1/4	133,204	1/4	142,616	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,506	1/2	123,973	1/2	133,400	1/2	142,811	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,703	3/4	124,170	3/4	133,596	3/4	143,006	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: 05/21/2013 CL
CALCULATED: 05/21/2013 CL
PRINTED: 05/21/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

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



BARGE "CBC 1362"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	9,049	0	21,122	0	33,047	0	44,973	0	57,045	0	69,118	0	81,190	0	93,263	0	105,334
1/4	60	1/4	9,301	1/4	21,373	1/4	33,291	1/4	45,224	1/4	57,297	1/4	69,369	1/4	81,442	1/4	93,515	1/4	105,585
1/2	81	1/2	9,552	1/2	21,625	1/2	33,535	1/2	45,476	1/2	57,548	1/2	69,621	1/2	81,694	1/2	93,766	1/2	105,837
3/4	102	3/4	9,804	3/4	21,876	3/4	33,779	3/4	45,727	3/4	57,800	3/4	69,872	3/4	81,945	3/4	94,017	3/4	106,088
1	123	1	10,055	1	22,128	1	34,023	1	45,979	1	58,051	1	70,124	1	82,197	1	94,269	1	106,339
1/4	186	1/4	10,307	1/4	22,379	1/4	34,267	1/4	46,230	1/4	58,303	1/4	70,375	1/4	82,448	1/4	94,520	1/4	106,591
1/2	249	1/2	10,558	1/2	22,631	1/2	34,512	1/2	46,482	1/2	58,554	1/2	70,627	1/2	82,700	1/2	94,772	1/2	106,842
3/4	312	3/4	10,810	3/4	22,882	3/4	34,756	3/4	46,733	3/4	58,806	3/4	70,878	3/4	82,951	3/4	95,023	3/4	107,094
2	375	2	11,061	2	23,134	2	35,000	2	46,985	2	59,057	2	71,130	2	83,203	2	95,275	2	107,345
1/4	479	1/4	11,313	1/4	23,385	1/4	35,244	1/4	47,236	1/4	59,309	1/4	71,382	1/4	83,454	1/4	95,526	1/4	107,597
1/2	584	1/2	11,564	1/2	23,637	1/2	35,488	1/2	47,488	1/2	59,560	1/2	71,633	1/2	83,706	1/2	95,778	1/2	107,848
3/4	689	3/4	11,816	3/4	23,888	3/4	35,732	3/4	47,739	3/4	59,812	3/4	71,885	3/4	83,957	3/4	96,029	3/4	108,100
3	794	3	12,067	3	24,140	3	35,976	3	47,991	3	60,063	3	72,136	3	84,209	3	96,281	3	108,351
1/4	940	1/4	12,319	1/4	24,391	1/4	36,220	1/4	48,242	1/4	60,315	1/4	72,388	1/4	84,460	1/4	96,532	1/4	108,603
1/2	1,087	1/2	12,570	1/2	24,643	1/2	36,464	1/2	48,494	1/2	60,566	1/2	72,639	1/2	84,712	1/2	96,784	1/2	108,854
3/4	1,234	3/4	12,822	3/4	24,894	3/4	36,708	3/4	48,745	3/4	60,818	3/4	72,891	3/4	84,963	3/4	97,035	3/4	109,106
4	1,381	4	13,073	4	25,146	4	36,953	4	48,997	4	61,070	4	73,142	4	85,215	4	97,287	4	109,357
1/4	1,569	1/4	13,325	1/4	25,397	1/4	37,197	1/4	49,248	1/4	61,321	1/4	73,394	1/4	85,466	1/4	97,538	1/4	109,609
1/2	1,758	1/2	13,576	1/2	25,649	1/2	37,441	1/2	49,500	1/2	61,573	1/2	73,645	1/2	85,718	1/2	97,790	1/2	109,860
3/4	1,946	3/4	13,828	3/4	25,900	3/4	37,686	3/4	49,751	3/4	61,824	3/4	73,897	3/4	85,969	3/4	98,041	3/4	110,111
5	2,135	5	14,079	5	26,152	5	37,930	5	50,003	5	62,076	5	74,148	5	86,221	5	98,292	5	110,363
1/4	2,365	1/4	14,331	1/4	26,403	1/4	38,182	1/4	50,254	1/4	62,327	1/4	74,400	1/4	86,472	1/4	98,544	1/4	110,614
1/2	2,595	1/2	14,582	1/2	26,655	1/2	38,433	1/2	50,506	1/2	62,579	1/2	74,651	1/2	86,724	1/2	98,795	1/2	110,866
3/4	2,825	3/4	14,834	3/4	26,906	3/4	38,685	3/4	50,757	3/4	62,830	3/4	74,903	3/4	86,975	3/4	99,047	3/4	111,117
6	3,055	6	15,085	6	27,158	6	38,936	6	51,009	6	63,082	6	75,154	6	87,227	6	99,298	6	111,369
1/4	3,301	1/4	15,337	1/4	27,409	1/4	39,188	1/4	51,261	1/4	63,333	1/4	75,406	1/4	87,478	1/4	99,550	1/4	111,620
1/2	3,548	1/2	15,588	1/2	27,661	1/2	39,439	1/2	51,512	1/2	63,585	1/2	75,657	1/2	87,730	1/2	99,801	1/2	111,872
3/4	3,794	3/4	15,840	3/4	27,912	3/4	39,691	3/4	51,764	3/4	63,836	3/4	75,909	3/4	87,981	3/4	100,053	3/4	112,123
7	4,041	7	16,091	7	28,164	7	39,942	7	52,015	7	64,088	7	76,160	7	88,233	7	100,304	7	112,375
1/4	4,289	1/4	16,343	1/4	28,408	1/4	40,194	1/4	52,267	1/4	64,339	1/4	76,412	1/4	88,484	1/4	100,556	1/4	112,626
1/2	4,538	1/2	16,594	1/2	28,653	1/2	40,445	1/2	52,518	1/2	64,591	1/2	76,663	1/2	88,736	1/2	100,807	1/2	112,878
3/4	4,787	3/4	16,846	3/4	28,897	3/4	40,697	3/4	52,770	3/4	64,842	3/4	76,915	3/4	88,987	3/4	101,059	3/4	113,129
8	5,035	8	17,097	8	29,141	8	40,949	8	53,021	8	65,094	8	77,166	8	89,239	8	101,310	8	113,381
1/4	5,285	1/4	17,349	1/4	29,386	1/4	41,200	1/4	53,273	1/4	65,345	1/4	77,418	1/4	89,490	1/4	101,562	1/4	113,632
1/2	5,535	1/2	17,601	1/2	29,630	1/2	41,452	1/2	53,524	1/2	65,597	1/2	77,669	1/2	89,742	1/2	101,813	1/2	113,884
3/4	5,785	3/4	17,852	3/4	29,874	3/4	41,703	3/4	53,776	3/4	65,848	3/4	77,921	3/4	89,993	3/4	102,064	3/4	114,135
9	6,035	9	18,104	9	30,118	9	41,955	9	54,027	9	66,100	9	78,172	9	90,245	9	102,316	9	114,386
1/4	6,286	1/4	18,355	1/4	30,362	1/4	42,206	1/4	54,279	1/4	66,351	1/4	78,424	1/4	90,496	1/4	102,567	1/4	114,638
1/2	6,537	1/2	18,607	1/2	30,606	1/2	42,458	1/2	54,530	1/2	66,603	1/2	78,675	1/2	90,748	1/2	102,819	1/2	114,889
3/4	6,788	3/4	18,858	3/4	30,850	3/4	42,709	3/4	54,782	3/4	66,854	3/4	78,927	3/4	90,999	3/4	103,070	3/4	115,141
10	7,038	10	19,110	10	31,094	10	42,961	10	55,033	10	67,106	10	79,178	10	91,251	10	103,322	10	115,392
1/4	7,290	1/4	19,361	1/4	31,338	1/4	43,212	1/4	55,285	1/4	67,357	1/4	79,430	1/4	91,502	1/4	103,573	1/4	115,644
1/2	7,541	1/2	19,613	1/2	31,582	1/2	43,464	1/2	55,536	1/2	67,609	1/2	79,681	1/2	91,754	1/2	103,825	1/2	115,895
3/4	7,792	3/4	19,864	3/4	31,827	3/4	43,715	3/4	55,788	3/4	67,860	3/4	79,933	3/4	92,006	3/4	104,076	3/4	116,147
11	8,043	11	20,116	11	32,071	11	43,967	11	56,039	11	68,112	11	80,184	11	92,257	11	104,328	11	116,398
1/4	8,295	1/4	20,367	1/4	32,315	1/4	44,218	1/4	56,291	1/4	68,363	1/4	80,436	1/4	92,509	1/4	104,579	1/4	116,650
1/2	8,546	1/2	20,619	1/2	32,559	1/2	44,470	1/2	56,542	1/2	68,615	1/2	80,687	1/2	92,760	1/2	104,831	1/2	116,901
3/4	8,798	3/4	20,870	3/4	32,803	3/4	44,721	3/4	56,794	3/4	68,866	3/4	80,939	3/4	93,012	3/4	105,082	3/4	117,153

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1362"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	117,404	0	129,475	0	141,545	0	153,549	0	165,515	0		0		0		0		0	
1/4	117,656	1/4	129,726	1/4	141,795	1/4	153,799	1/4	165,763	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,907	1/2	129,978	1/2	142,045	1/2	154,049	1/2	166,010	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,159	3/4	130,229	3/4	142,295	3/4	154,299	3/4	166,258	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,410	1	130,480	1	142,545	1	154,549	1	166,506	1	1	1	1	1	1	1	1	1	1
1/4	118,661	1/4	130,732	1/4	142,795	1/4	154,799	1/4	166,754	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,913	1/2	130,983	1/2	143,046	1/2	155,049	1/2	167,002	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,164	3/4	131,235	3/4	143,296	3/4	155,299	3/4	167,249	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,416	2	131,486	2	143,546	2	155,549	2	167,497	2	2	2	2	2	2	2	2	2	2
1/4	119,667	1/4	131,738	1/4	143,796	1/4	155,799	1/4	167,724	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,919	1/2	131,989	1/2	144,046	1/2	156,049	1/2	167,951	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,170	3/4	132,241	3/4	144,296	3/4	156,299	3/4	168,177	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,422	3	132,492	3	144,546	3	156,549	3	168,404	3	3	3	3	3	3	3	3	3	3
1/4	120,673	1/4	132,744	1/4	144,796	1/4	156,799	1/4	168,589	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,925	1/2	132,995	1/2	145,046	1/2	157,050	1/2	168,774	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,176	3/4	133,247	3/4	145,296	3/4	157,300	3/4	168,959	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,428	4	133,498	4	145,546	4	157,550	4	169,144	4	4	4	4	4	4	4	4	4	4
1/4	121,679	1/4	133,750	1/4	145,796	1/4	157,800	1/4	169,287	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,931	1/2	134,001	1/2	146,046	1/2	158,050	1/2	169,430	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,182	3/4	134,253	3/4	146,296	3/4	158,300	3/4	169,573	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,433	5	134,504	5	146,547	5	158,550	5	169,716	5	5	5	5	5	5	5	5	5	5
1/4	122,685	1/4	134,755	1/4	146,797	1/4	158,800	1/4	169,817	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,936	1/2	135,007	1/2	147,047	1/2	159,050	1/2	169,918	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,188	3/4	135,258	3/4	147,297	3/4	159,300	3/4	170,019	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,439	6	135,510	6	147,547	6	159,550	6	170,120	6	6	6	6	6	6	6	6	6	6
1/4	123,691	1/4	135,761	1/4	147,797	1/4	159,800	1/4	170,179	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,942	1/2	136,013	1/2	148,047	1/2	160,050	1/2	170,238	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,194	3/4	136,264	3/4	148,297	3/4	160,300	3/4	170,297	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,445	7	136,516	7	148,547	7	160,551	7	170,356	7	7	7	7	7	7	7	7	7	7
1/4	124,697	1/4	136,767	1/4	148,797	1/4	160,801	1/4	170,374	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,948	1/2	137,019	1/2	149,047	1/2	161,051	1/2	170,391	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,200	3/4	137,270	3/4	149,297	3/4	161,301	3/4	170,408	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,451	8	137,522	8	149,547	8	161,551	8	170,425	8	8	8	8	8	8	8	8	8	8
1/4	125,703	1/4	137,773	1/4	149,797	1/4	161,799	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,954	1/2	138,025	1/2	150,048	1/2	162,046	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,206	3/4	138,276	3/4	150,298	3/4	162,294	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,457	9	138,527	9	150,548	9	162,542	9		9	9	9	9	9	9	9	9	9	9
1/4	126,708	1/4	138,779	1/4	150,798	1/4	162,790	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,960	1/2	139,030	1/2	151,048	1/2	163,037	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,211	3/4	139,282	3/4	151,298	3/4	163,285	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,463	10	139,533	10	151,548	10	163,533	10		10	10	10	10	10	10	10	10	10	10
1/4	127,714	1/4	139,785	1/4	151,798	1/4	163,781	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,966	1/2	140,036	1/2	152,048	1/2	164,028	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,217	3/4	140,288	3/4	152,298	3/4	164,276	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,469	11	140,539	11	152,548	11	164,524	11		11	11	11	11	11	11	11	11	11	11
1/4	128,720	1/4	140,791	1/4	152,798	1/4	164,772	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,972	1/2	141,042	1/2	153,048	1/2	165,019	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,223	3/4	141,294	3/4	153,298	3/4	165,267	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: 05/21/2013 CL
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ALL PRIOR TO 05/2013

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BARGE "CBC 1362"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	8,026	0	18,726	0	29,412	0	40,102	0	50,803	0	61,504	0	72,204	0	82,905	0	93,604
1/4	58	1/4	8,248	1/4	18,949	1/4	29,635	1/4	40,325	1/4	51,026	1/4	61,726	1/4	72,427	1/4	83,128	1/4	93,827
1/2	76	1/2	8,471	1/2	19,172	1/2	29,857	1/2	40,548	1/2	51,249	1/2	61,949	1/2	72,650	1/2	83,351	1/2	94,050
3/4	95	3/4	8,694	3/4	19,395	3/4	30,079	3/4	40,771	3/4	51,471	3/4	62,172	3/4	72,873	3/4	83,574	3/4	94,273
1	114	1	8,917	1	19,618	1	30,301	1	40,993	1	51,694	1	62,395	1	73,096	1	83,797	1	94,496
1/4	169	1/4	9,140	1/4	19,841	1/4	30,523	1/4	41,216	1/4	51,917	1/4	62,618	1/4	73,319	1/4	84,020	1/4	94,719
1/2	225	1/2	9,363	1/2	20,064	1/2	30,746	1/2	41,439	1/2	52,140	1/2	62,841	1/2	73,542	1/2	84,243	1/2	94,942
3/4	281	3/4	9,586	3/4	20,286	3/4	30,968	3/4	41,662	3/4	52,363	3/4	63,064	3/4	73,765	3/4	84,466	3/4	95,165
2	336	2	9,809	2	20,509	2	31,190	2	41,885	2	52,586	2	63,287	2	73,988	2	84,688	2	95,388
1/4	429	1/4	10,032	1/4	20,732	1/4	31,412	1/4	42,108	1/4	52,809	1/4	63,510	1/4	74,211	1/4	84,911	1/4	95,610
1/2	522	1/2	10,255	1/2	20,955	1/2	31,635	1/2	42,331	1/2	53,032	1/2	63,733	1/2	74,434	1/2	85,134	1/2	95,833
3/4	615	3/4	10,478	3/4	21,178	3/4	31,857	3/4	42,554	3/4	53,255	3/4	63,956	3/4	74,657	3/4	85,357	3/4	96,056
3	708	3	10,701	3	21,401	3	32,079	3	42,777	3	53,478	3	64,179	3	74,880	3	85,580	3	96,279
1/4	838	1/4	10,924	1/4	21,624	1/4	32,301	1/4	43,000	1/4	53,701	1/4	64,402	1/4	75,103	1/4	85,803	1/4	96,502
1/2	968	1/2	11,147	1/2	21,847	1/2	32,523	1/2	43,223	1/2	53,924	1/2	64,625	1/2	75,325	1/2	86,026	1/2	96,725
3/4	1,098	3/4	11,369	3/4	22,070	3/4	32,746	3/4	43,446	3/4	54,147	3/4	64,848	3/4	75,548	3/4	86,249	3/4	96,948
4	1,228	4	11,592	4	22,293	4	32,968	4	43,669	4	54,370	4	65,070	4	75,771	4	86,472	4	97,171
1/4	1,395	1/4	11,815	1/4	22,516	1/4	33,191	1/4	43,892	1/4	54,593	1/4	65,293	1/4	75,994	1/4	86,695	1/4	97,394
1/2	1,562	1/2	12,038	1/2	22,739	1/2	33,414	1/2	44,115	1/2	54,815	1/2	65,516	1/2	76,217	1/2	86,917	1/2	97,617
3/4	1,730	3/4	12,261	3/4	22,962	3/4	33,637	3/4	44,338	3/4	55,038	3/4	65,739	3/4	76,440	3/4	87,140	3/4	97,839
5	1,897	5	12,484	5	23,185	5	33,860	5	44,560	5	55,261	5	65,962	5	76,663	5	87,363	5	98,062
1/4	2,101	1/4	12,707	1/4	23,407	1/4	34,082	1/4	44,783	1/4	55,484	1/4	66,185	1/4	76,886	1/4	87,586	1/4	98,285
1/2	2,304	1/2	12,930	1/2	23,630	1/2	34,305	1/2	45,006	1/2	55,707	1/2	66,408	1/2	77,109	1/2	87,809	1/2	98,508
3/4	2,508	3/4	13,153	3/4	23,853	3/4	34,528	3/4	45,229	3/4	55,930	3/4	66,631	3/4	77,332	3/4	88,032	3/4	98,731
6	2,712	6	13,376	6	24,076	6	34,751	6	45,452	6	56,153	6	66,854	6	77,555	6	88,255	6	98,954
1/4	2,930	1/4	13,599	1/4	24,299	1/4	34,974	1/4	45,675	1/4	56,376	1/4	67,077	1/4	77,778	1/4	88,478	1/4	99,177
1/2	3,149	1/2	13,822	1/2	24,521	1/2	35,197	1/2	45,898	1/2	56,599	1/2	67,300	1/2	78,001	1/2	88,701	1/2	99,400
3/4	3,367	3/4	14,045	3/4	24,744	3/4	35,420	3/4	46,121	3/4	56,822	3/4	67,523	3/4	78,224	3/4	88,924	3/4	99,623
7	3,586	7	14,267	7	24,967	7	35,643	7	46,344	7	57,045	7	67,746	7	78,447	7	89,146	7	99,845
1/4	3,806	1/4	14,490	1/4	25,189	1/4	35,866	1/4	46,567	1/4	57,268	1/4	67,969	1/4	78,670	1/4	89,369	1/4	100,068
1/2	4,027	1/2	14,713	1/2	25,412	1/2	36,089	1/2	46,790	1/2	57,491	1/2	68,192	1/2	78,892	1/2	89,592	1/2	100,291
3/4	4,247	3/4	14,936	3/4	25,634	3/4	36,312	3/4	47,013	3/4	57,714	3/4	68,415	3/4	79,115	3/4	89,815	3/4	100,514
8	4,468	8	15,159	8	25,857	8	36,535	8	47,236	8	57,937	8	68,637	8	79,338	8	90,038	8	100,737
1/4	4,689	1/4	15,382	1/4	26,079	1/4	36,758	1/4	47,459	1/4	58,159	1/4	68,860	1/4	79,561	1/4	90,261	1/4	100,960
1/2	4,911	1/2	15,605	1/2	26,301	1/2	36,981	1/2	47,682	1/2	58,382	1/2	69,083	1/2	79,784	1/2	90,484	1/2	101,183
3/4	5,132	3/4	15,828	3/4	26,523	3/4	37,204	3/4	47,904	3/4	58,605	3/4	69,306	3/4	80,007	3/4	90,707	3/4	101,406
9	5,354	9	16,051	9	26,746	9	37,427	9	48,127	9	58,828	9	69,529	9	80,230	9	90,930	9	101,629
1/4	5,576	1/4	16,274	1/4	26,968	1/4	37,649	1/4	48,350	1/4	59,051	1/4	69,752	1/4	80,453	1/4	91,152	1/4	101,852
1/2	5,798	1/2	16,497	1/2	27,190	1/2	37,872	1/2	48,573	1/2	59,274	1/2	69,975	1/2	80,676	1/2	91,375	1/2	102,074
3/4	6,021	3/4	16,720	3/4	27,412	3/4	38,095	3/4	48,796	3/4	59,497	3/4	70,198	3/4	80,899	3/4	91,598	3/4	102,297
10	6,243	10	16,943	10	27,635	10	38,318	10	49,019	10	59,720	10	70,421	10	81,122	10	91,821	10	102,520
1/4	6,466	1/4	17,166	1/4	27,857	1/4	38,541	1/4	49,242	1/4	59,943	1/4	70,644	1/4	81,345	1/4	92,044	1/4	102,743
1/2	6,688	1/2	17,388	1/2	28,079	1/2	38,764	1/2	49,465	1/2	60,166	1/2	70,867	1/2	81,568	1/2	92,267	1/2	102,966
3/4	6,911	3/4	17,611	3/4	28,301	3/4	38,987	3/4	49,688	3/4	60,389	3/4	71,090	3/4	81,791	3/4	92,490	3/4	103,189
11	7,134	11	17,834	11	28,523	11	39,210	11	49,911	11	60,612	11	71,313	11	82,014	11	92,713	11	103,412
1/4	7,357	1/4	18,057	1/4	28,746	1/4	39,433	1/4	50,134	1/4	60,835	1/4	71,536	1/4	82,236	1/4	92,936	1/4	103,635
1/2	7,580	1/2	18,280	1/2	28,968	1/2	39,656	1/2	50,357	1/2	61,058	1/2	71,759	1/2	82,459	1/2	93,159	1/2	103,858
3/4	7,803	3/4	18,503	3/4	29,190	3/4	39,879	3/4	50,580	3/4	61,281	3/4	71,981	3/4	82,682	3/4	93,381	3/4	104,081

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "CBC 1362"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	104,303	0	115,003	0	125,702	0	136,342	0	146,950	0		0		0		0		0	
1/4	104,526	1/4	115,225	1/4	125,923	1/4	136,564	1/4	147,169	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,749	1/2	115,448	1/2	126,145	1/2	136,785	1/2	147,389	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104,972	3/4	115,671	3/4	126,367	3/4	137,007	3/4	147,609	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,195	1	115,894	1	126,588	1	137,229	1	147,828	1	1	1	1	1	1	1	1	1	1
1/4	105,418	1/4	116,117	1/4	126,810	1/4	137,450	1/4	148,048	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,641	1/2	116,340	1/2	127,032	1/2	137,672	1/2	148,267	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,864	3/4	116,563	3/4	127,253	3/4	137,894	3/4	148,487	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,087	2	116,786	2	127,475	2	138,115	2	148,707	2	2	2	2	2	2	2	2	2	2
1/4	106,310	1/4	117,009	1/4	127,697	1/4	138,337	1/4	148,908	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,532	1/2	117,231	1/2	127,918	1/2	138,559	1/2	149,109	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,755	3/4	117,454	3/4	128,140	3/4	138,780	3/4	149,310	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	106,978	3	117,677	3	128,362	3	139,002	3	149,511	3	3	3	3	3	3	3	3	3	3
1/4	107,201	1/4	117,900	1/4	128,583	1/4	139,224	1/4	149,715	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,424	1/2	118,123	1/2	128,805	1/2	139,445	1/2	149,839	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,647	3/4	118,346	3/4	129,027	3/4	139,667	3/4	150,003	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	107,870	4	118,569	4	129,248	4	139,889	4	150,166	4	4	4	4	4	4	4	4	4	4
1/4	108,093	1/4	118,792	1/4	129,470	1/4	140,110	1/4	150,293	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,316	1/2	119,015	1/2	129,692	1/2	140,332	1/2	150,420	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,538	3/4	119,238	3/4	129,913	3/4	140,554	3/4	150,547	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,761	5	119,460	5	130,135	5	140,776	5	150,673	5	5	5	5	5	5	5	5	5	5
1/4	108,984	1/4	119,683	1/4	130,357	1/4	140,997	1/4	150,763	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,207	1/2	119,906	1/2	130,578	1/2	141,219	1/2	150,853	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,430	3/4	120,129	3/4	130,800	3/4	141,441	3/4	150,942	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,653	6	120,352	6	131,022	6	141,662	6	151,032	6	6	6	6	6	6	6	6	6	6
1/4	109,876	1/4	120,575	1/4	131,243	1/4	141,884	1/4	151,084	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,099	1/2	120,798	1/2	131,465	1/2	142,106	1/2	151,137	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,322	3/4	121,021	3/4	131,687	3/4	142,327	3/4	151,189	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,545	7	121,244	7	131,908	7	142,549	7	151,241	7	7	7	7	7	7	7	7	7	7
1/4	110,767	1/4	121,467	1/4	132,130	1/4	142,771	1/4	151,257	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,990	1/2	121,689	1/2	132,352	1/2	142,992	1/2	151,272	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,213	3/4	121,912	3/4	132,574	3/4	143,214	3/4	151,287	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,436	8	122,135	8	132,795	8	143,436	8	151,302	8	8	8	8	8	8	8	8	8	8
1/4	111,659	1/4	122,358	1/4	133,017	1/4	143,655	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,882	1/2	122,581	1/2	133,239	1/2	143,875	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,105	3/4	122,804	3/4	133,460	3/4	144,094	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,328	9	123,027	9	133,682	9	144,314	9		9	9	9	9	9	9	9	9	9	9
1/4	112,551	1/4	123,250	1/4	133,904	1/4	144,534	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,774	1/2	123,473	1/2	134,125	1/2	144,753	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,996	3/4	123,696	3/4	134,347	3/4	144,973	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,219	10	123,918	10	134,569	10	145,193	10		10	10	10	10	10	10	10	10	10	10
1/4	113,442	1/4	124,141	1/4	134,790	1/4	145,412	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,665	1/2	124,364	1/2	135,012	1/2	145,632	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,888	3/4	124,587	3/4	135,234	3/4	145,852	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,111	11	124,810	11	135,455	11	146,071	11		11	11	11	11	11	11	11	11	11	11
1/4	114,334	1/4	125,033	1/4	135,677	1/4	146,291	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,557	1/2	125,256	1/2	135,899	1/2	146,510	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,780	3/4	125,479	3/4	136,120	3/4	146,730	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: 05/21/2013 CL
CALCULATED: 05/21/2013 CL
PRINTED: 05/21/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

PRECISION MEASUREMENT
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BARGE "CBC 1362"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

May 21, 2013

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

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BARGE "CBC 1362"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	141,059	0	131,636	0	122,198	0	112,733	0	102,323	0	91,551	0	80,778
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,865	1/4	131,440	1/4	122,000	1/4	112,536	1/4	102,099	1/4	91,327	1/4	80,554
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,670	1/2	131,244	1/2	121,803	1/2	112,339	1/2	101,874	1/2	91,102	1/2	80,329
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,475	3/4	131,048	3/4	121,606	3/4	112,142	3/4	101,650	3/4	90,878	3/4	80,105
1		1		1		1	140,281	1	130,852	1	121,409	1	111,945	1	101,426	1	90,653	1	79,881
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,393	1/4	140,086	1/4	130,656	1/4	121,211	1/4	111,748	1/4	101,201	1/4	90,429
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,377	1/2	139,889	1/2	130,460	1/2	121,014	1/2	111,551	1/2	100,977	1/2	90,204
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,360	3/4	139,693	3/4	130,264	3/4	120,817	3/4	111,354	3/4	100,752	3/4	89,980
2		2		2		2	147,344	2	139,496	2	130,068	2	120,620	2	111,157	2	100,528	2	89,756
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,328	1/4	139,299	1/4	129,872	1/4	120,422	1/4	110,960	1/4	100,303	1/4	89,531
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,275	1/2	139,103	1/2	129,676	1/2	120,225	1/2	110,763	1/2	100,079	1/2	89,307
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,221	3/4	138,906	3/4	129,480	3/4	120,028	3/4	110,566	3/4	99,855	3/4	89,082
3		3		3		3	147,168	3	138,709	3	129,284	3	119,831	3	110,369	3	99,630	3	88,858
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,114	1/4	138,513	1/4	129,088	1/4	119,634	1/4	110,172	1/4	99,406	1/4	88,633
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,023	1/2	138,316	1/2	128,891	1/2	119,436	1/2	109,948	1/2	99,181	1/2	88,409
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,932	3/4	138,119	3/4	128,694	3/4	119,239	3/4	109,724	3/4	98,957	3/4	88,185
4		4		4		4	146,841	4	137,922	4	128,498	4	119,042	4	109,499	4	98,732	4	87,960
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,750	1/4	137,726	1/4	128,301	1/4	118,845	1/4	109,275	1/4	98,508	1/4	87,736
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,621	1/2	137,529	1/2	128,104	1/2	118,647	1/2	109,051	1/2	98,284	1/2	87,511
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,493	3/4	137,332	3/4	127,908	3/4	118,450	3/4	108,827	3/4	98,059	3/4	87,287
5		5		5		5	146,364	5	137,136	5	127,711	5	118,253	5	108,603	5	97,835	5	87,063
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,236	1/4	136,939	1/4	127,514	1/4	118,056	1/4	108,379	1/4	97,610	1/4	86,838
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,069	1/2	136,742	1/2	127,317	1/2	117,859	1/2	108,154	1/2	97,386	1/2	86,614
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,903	3/4	136,546	3/4	127,121	3/4	117,661	3/4	107,930	3/4	97,162	3/4	86,389
6		6		6		6	145,737	6	136,349	6	126,924	6	117,464	6	107,706	6	96,937	6	86,165
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,571	1/4	136,152	1/4	126,727	1/4	117,267	1/4	107,482	1/4	96,713	1/4	85,940
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,368	1/2	135,955	1/2	126,531	1/2	117,070	1/2	107,258	1/2	96,488	1/2	85,716
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,164	3/4	135,759	3/4	126,334	3/4	116,872	3/4	107,034	3/4	96,264	3/4	85,492
7		7		7		7	144,961	7	135,562	7	126,137	7	116,675	7	106,809	7	96,039	7	85,267
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,757	1/4	135,365	1/4	125,941	1/4	116,478	1/4	106,585	1/4	95,815	1/4	85,043
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,563	1/2	135,169	1/2	125,744	1/2	116,281	1/2	106,361	1/2	95,591	1/2	84,818
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,368	3/4	134,972	3/4	125,547	3/4	116,084	3/4	106,137	3/4	95,366	3/4	84,594
8		8		8		8	144,173	8	134,775	8	125,350	8	115,886	8	105,913	8	95,142	8	84,369
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,979	1/4	134,579	1/4	125,154	1/4	115,689	1/4	105,689	1/4	94,917	1/4	84,145
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,784	1/2	134,382	1/2	124,957	1/2	115,492	1/2	105,464	1/2	94,693	1/2	83,921
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,589	3/4	134,185	3/4	124,760	3/4	115,295	3/4	105,240	3/4	94,468	3/4	83,696
9		9		9		9	143,395	9	133,988	9	124,564	9	115,097	9	105,016	9	94,244	9	83,472
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,200	1/4	133,792	1/4	124,367	1/4	114,900	1/4	104,792	1/4	94,020	1/4	83,247
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,006	1/2	133,596	1/2	124,170	1/2	114,703	1/2	104,567	1/2	93,795	1/2	83,023
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,811	3/4	133,400	3/4	123,973	3/4	114,506	3/4	104,343	3/4	93,571	3/4	82,798
10		10		10		10	142,616	10	133,204	10	123,775	10	114,309	10	104,119	10	93,346	10	82,574
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,422	1/4	133,008	1/4	123,578	1/4	114,112	1/4	103,894	1/4	93,122	1/4	82,350
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,227	1/2	132,812	1/2	123,381	1/2	113,915	1/2	103,670	1/2	92,897	1/2	82,125
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,032	3/4	132,616	3/4	123,184	3/4	113,718	3/4	103,445	3/4	92,673	3/4	81,901
11		11		11		11	141,838	11	132,420	11	122,986	11	113,521	11	103,221	11	92,449	11	81,676
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,643	1/4	132,224	1/4	122,789	1/4	113,324	1/4	102,996	1/4	92,224	1/4	81,452
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,449	1/2	132,028	1/2	122,592	1/2	113,127	1/2	102,772	1/2	92,000	1/2	81,227
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,254	3/4	131,832	3/4	122,395	3/4	112,930	3/4	102,548	3/4	91,775	3/4	81,003

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1362"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	70,047	0	59,286	0	48,517	0	37,748	0	27,137	0	16,420	0	5,626	0		0		0	
1/4	69,824	1/4	59,062	1/4	48,293	1/4	37,524	1/4	26,918	1/4	16,195	1/4	5,402	1/4	1/4	1/4		1/4	1/4
1/2	69,600	1/2	58,838	1/2	48,069	1/2	37,300	1/2	26,700	1/2	15,970	1/2	5,178	1/2	1/2	1/2		1/2	1/2
3/4	69,376	3/4	58,613	3/4	47,844	3/4	37,075	3/4	26,481	3/4	15,745	3/4	4,954	3/4	3/4	3/4		3/4	3/4
1	69,152	1	58,389	1	47,620	1	36,851	1	26,262	1	15,520	1	4,731	1	1	1		1	1
1/4	68,929	1/4	58,165	1/4	47,396	1/4	36,627	1/4	26,044	1/4	15,295	1/4	4,507	1/4	1/4	1/4		1/4	1/4
1/2	68,705	1/2	57,940	1/2	47,171	1/2	36,402	1/2	25,825	1/2	15,070	1/2	4,285	1/2	1/2	1/2		1/2	1/2
3/4	68,481	3/4	57,716	3/4	46,947	3/4	36,178	3/4	25,606	3/4	14,845	3/4	4,062	3/4	3/4	3/4		3/4	3/4
2	68,257	2	57,491	2	46,723	2	35,954	2	25,387	2	14,620	2	3,840	2	2	2		2	2
1/4	68,034	1/4	57,267	1/4	46,498	1/4	35,729	1/4	25,168	1/4	14,395	1/4	3,618	1/4	1/4	1/4		1/4	1/4
1/2	67,810	1/2	57,043	1/2	46,274	1/2	35,505	1/2	24,949	1/2	14,171	1/2	3,397	1/2	1/2	1/2		1/2	1/2
3/4	67,586	3/4	56,818	3/4	46,049	3/4	35,281	3/4	24,730	3/4	13,946	3/4	3,177	3/4	3/4	3/4		3/4	3/4
3	67,362	3	56,594	3	45,825	3	35,056	3	24,511	3	13,721	3	2,956	3	3	3		3	3
1/4	67,139	1/4	56,370	1/4	45,601	1/4	34,832	1/4	24,293	1/4	13,496	1/4	2,736	1/4	1/4	1/4		1/4	1/4
1/2	66,914	1/2	56,145	1/2	45,376	1/2	34,608	1/2	24,068	1/2	13,271	1/2	2,530	1/2	1/2	1/2		1/2	1/2
3/4	66,690	3/4	55,921	3/4	45,152	3/4	34,383	3/4	23,843	3/4	13,046	3/4	2,325	3/4	3/4	3/4		3/4	3/4
4	66,466	4	55,697	4	44,928	4	34,159	4	23,618	4	12,821	4	2,119	4	4	4		4	4
1/4	66,241	1/4	55,472	1/4	44,703	1/4	33,934	1/4	23,393	1/4	12,596	1/4	1,913	1/4	1/4	1/4		1/4	1/4
1/2	66,017	1/2	55,248	1/2	44,479	1/2	33,710	1/2	23,168	1/2	12,371	1/2	1,745	1/2	1/2	1/2		1/2	1/2
3/4	65,792	3/4	55,024	3/4	44,255	3/4	33,486	3/4	22,943	3/4	12,146	3/4	1,576	3/4	3/4	3/4		3/4	3/4
5	65,568	5	54,799	5	44,030	5	33,261	5	22,718	5	11,921	5	1,408	5	5	5		5	5
1/4	65,344	1/4	54,575	1/4	43,806	1/4	33,037	1/4	22,493	1/4	11,696	1/4	1,239	1/4	1/4	1/4		1/4	1/4
1/2	65,119	1/2	54,351	1/2	43,582	1/2	32,819	1/2	22,268	1/2	11,471	1/2	1,108	1/2	1/2	1/2		1/2	1/2
3/4	64,895	3/4	54,126	3/4	43,357	3/4	32,600	3/4	22,043	3/4	11,246	3/4	976	3/4	3/4	3/4		3/4	3/4
6	64,671	6	53,902	6	43,133	6	32,381	6	21,818	6	11,021	6	845	6	6	6		6	6
1/4	64,446	1/4	53,677	1/4	42,909	1/4	32,163	1/4	21,593	1/4	10,796	1/4	714	1/4	1/4	1/4		1/4	1/4
1/2	64,222	1/2	53,453	1/2	42,684	1/2	31,944	1/2	21,368	1/2	10,572	1/2	620	1/2	1/2	1/2		1/2	1/2
3/4	63,998	3/4	53,229	3/4	42,460	3/4	31,726	3/4	21,143	3/4	10,347	3/4	527	3/4	3/4	3/4		3/4	3/4
7	63,773	7	53,004	7	42,236	7	31,507	7	20,919	7	10,122	7	433	7	7	7		7	7
1/4	63,549	1/4	52,780	1/4	42,011	1/4	31,289	1/4	20,694	1/4	9,897	1/4	339	1/4	1/4	1/4		1/4	1/4
1/2	63,325	1/2	52,556	1/2	41,787	1/2	31,070	1/2	20,469	1/2	9,672	1/2	283	1/2	1/2	1/2		1/2	1/2
3/4	63,100	3/4	52,331	3/4	41,562	3/4	30,852	3/4	20,244	3/4	9,447	3/4	227	3/4	3/4	3/4		3/4	3/4
8	62,876	8	52,107	8	41,338	8	30,633	8	20,019	8	9,222	8	171	8	8	8		8	8
1/4	62,652	1/4	51,883	1/4	41,114	1/4	30,415	1/4	19,794	1/4	8,997	1/4	114	1/4	1/4	1/4		1/4	1/4
1/2	62,427	1/2	51,658	1/2	40,889	1/2	30,196	1/2	19,569	1/2	8,772	1/2	96	1/2	1/2	1/2		1/2	1/2
3/4	62,203	3/4	51,434	3/4	40,665	3/4	29,978	3/4	19,344	3/4	8,547	3/4	77	3/4	3/4	3/4		3/4	3/4
9	61,979	9	51,210	9	40,441	9	29,759	9	19,119	9	8,322	9	58	9	9	9		9	9
1/4	61,754	1/4	50,985	1/4	40,216	1/4	29,540	1/4	18,894	1/4	8,097	1/4	39	1/4	1/4	1/4		1/4	1/4
1/2	61,530	1/2	50,761	1/2	39,992	1/2	29,322	1/2	18,669	1/2	7,872	1/2		1/2	1/2	1/2		1/2	1/2
3/4	61,305	3/4	50,537	3/4	39,768	3/4	29,103	3/4	18,444	3/4	7,647	3/4		3/4	3/4	3/4		3/4	3/4
10	61,081	10	50,312	10	39,543	10	28,885	10	18,219	10	7,423	10	10	10	10	10		10	10
1/4	60,857	1/4	50,088	1/4	39,319	1/4	28,666	1/4	17,994	1/4	7,198	1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	60,632	1/2	49,863	1/2	39,095	1/2	28,448	1/2	17,769	1/2	6,973	1/2	1/2	1/2	1/2	1/2		1/2	1/2
3/4	60,408	3/4	49,639	3/4	38,870	3/4	28,229	3/4	17,545	3/4	6,748	3/4	3/4	3/4	3/4	3/4		3/4	3/4
11	60,184	11	49,415	11	38,646	11	28,011	11	17,320	11	6,523	11	11	11	11	11		11	11
1/4	59,959	1/4	49,190	1/4	38,422	1/4	27,792	1/4	17,095	1/4	6,299	1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	59,735	1/2	48,966	1/2	38,197	1/2	27,574	1/2	16,870	1/2	6,074	1/2	1/2	1/2	1/2	1/2		1/2	1/2
3/4	59,511	3/4	48,742	3/4	37,973	3/4	27,355	3/4	16,645	3/4	5,850	3/4	3/4	3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/21/2013 CL
CALCULATED: 05/21/2013 CL
PRINTED: 05/21/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

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



BARGE "CBC 1362"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	162,790	0	150,798	0	138,779	0	126,708	0	114,638	0	102,567	0	90,496
1/4	1/4	1/4	1/4	1/4	1/4	1/4	162,542	1/4	150,548	1/4	138,527	1/4	126,457	1/4	114,386	1/4	102,316	1/4	90,245
1/2	1/2	1/2	1/2	1/2	1/2	1/2	162,294	1/2	150,298	1/2	138,276	1/2	126,206	1/2	114,135	1/2	102,064	1/2	89,993
3/4	3/4	3/4	3/4	3/4	3/4	3/4	162,046	3/4	150,048	3/4	138,025	3/4	125,954	3/4	113,884	3/4	101,813	3/4	89,742
1		1		1		1	161,799	1	149,797	1	137,773	1	125,703	1	113,632	1	101,562	1	89,490
1/4	1/4	1/4	1/4	1/4	1/4	1/4	170,425	1/4	161,551	1/4	149,547	1/4	137,522	1/4	125,451	1/4	113,381	1/4	101,310
1/2	1/2	1/2	1/2	1/2	1/2	1/2	170,408	1/2	161,301	1/2	149,297	1/2	137,270	1/2	125,200	1/2	113,129	1/2	101,059
3/4	3/4	3/4	3/4	3/4	3/4	3/4	170,391	3/4	161,051	3/4	149,047	3/4	137,019	3/4	124,948	3/4	112,878	3/4	100,807
2		2		2		2	170,374	2	160,801	2	148,797	2	136,767	2	124,697	2	112,626	2	100,556
1/4	1/4	1/4	1/4	1/4	1/4	1/4	170,356	1/4	160,551	1/4	148,547	1/4	136,516	1/4	124,445	1/4	112,375	1/4	100,304
1/2	1/2	1/2	1/2	1/2	1/2	1/2	170,297	1/2	160,300	1/2	148,297	1/2	136,264	1/2	124,194	1/2	112,123	1/2	100,053
3/4	3/4	3/4	3/4	3/4	3/4	3/4	170,238	3/4	160,050	3/4	148,047	3/4	136,013	3/4	123,942	3/4	111,872	3/4	99,801
3		3		3		3	170,179	3	159,800	3	147,797	3	135,761	3	123,691	3	111,620	3	99,550
1/4	1/4	1/4	1/4	1/4	1/4	1/4	170,120	1/4	159,550	1/4	147,547	1/4	135,510	1/4	123,439	1/4	111,369	1/4	99,298
1/2	1/2	1/2	1/2	1/2	1/2	1/2	170,019	1/2	159,300	1/2	147,297	1/2	135,258	1/2	123,188	1/2	111,117	1/2	99,047
3/4	3/4	3/4	3/4	3/4	3/4	3/4	169,918	3/4	159,050	3/4	147,047	3/4	135,007	3/4	122,936	3/4	110,866	3/4	98,795
4		4		4		4	169,817	4	158,800	4	146,797	4	134,755	4	122,685	4	110,614	4	98,544
1/4	1/4	1/4	1/4	1/4	1/4	1/4	169,716	1/4	158,550	1/4	146,547	1/4	134,504	1/4	122,433	1/4	110,363	1/4	98,292
1/2	1/2	1/2	1/2	1/2	1/2	1/2	169,573	1/2	158,300	1/2	146,296	1/2	134,253	1/2	122,182	1/2	110,111	1/2	98,041
3/4	3/4	3/4	3/4	3/4	3/4	3/4	169,430	3/4	158,050	3/4	146,046	3/4	134,001	3/4	121,931	3/4	109,860	3/4	97,790
5		5		5		5	169,287	5	157,800	5	145,796	5	133,750	5	121,679	5	109,609	5	97,538
1/4	1/4	1/4	1/4	1/4	1/4	1/4	169,144	1/4	157,550	1/4	145,546	1/4	133,498	1/4	121,428	1/4	109,357	1/4	97,287
1/2	1/2	1/2	1/2	1/2	1/2	1/2	168,959	1/2	157,300	1/2	145,296	1/2	133,247	1/2	121,176	1/2	109,106	1/2	97,035
3/4	3/4	3/4	3/4	3/4	3/4	3/4	168,774	3/4	157,050	3/4	145,046	3/4	132,995	3/4	120,925	3/4	108,854	3/4	96,784
6		6		6		6	168,589	6	156,799	6	144,796	6	132,744	6	120,673	6	108,603	6	96,532
1/4	1/4	1/4	1/4	1/4	1/4	1/4	168,404	1/4	156,549	1/4	144,546	1/4	132,492	1/4	120,422	1/4	108,351	1/4	96,281
1/2	1/2	1/2	1/2	1/2	1/2	1/2	168,177	1/2	156,299	1/2	144,296	1/2	132,241	1/2	120,170	1/2	108,100	1/2	96,029
3/4	3/4	3/4	3/4	3/4	3/4	3/4	167,951	3/4	156,049	3/4	144,046	3/4	131,989	3/4	119,919	3/4	107,848	3/4	95,778
7		7		7		7	167,724	7	155,799	7	143,796	7	131,738	7	119,667	7	107,597	7	95,526
1/4	1/4	1/4	1/4	1/4	1/4	1/4	167,497	1/4	155,549	1/4	143,546	1/4	131,486	1/4	119,416	1/4	107,345	1/4	95,275
1/2	1/2	1/2	1/2	1/2	1/2	1/2	167,249	1/2	155,299	1/2	143,296	1/2	131,235	1/2	119,164	1/2	107,094	1/2	95,023
3/4	3/4	3/4	3/4	3/4	3/4	3/4	167,002	3/4	155,049	3/4	143,046	3/4	130,983	3/4	118,913	3/4	106,842	3/4	94,772
8		8		8		8	166,754	8	154,799	8	142,795	8	130,732	8	118,661	8	106,591	8	94,520
1/4	1/4	1/4	1/4	1/4	1/4	1/4	166,506	1/4	154,549	1/4	142,545	1/4	130,480	1/4	118,410	1/4	106,339	1/4	94,269
1/2	1/2	1/2	1/2	1/2	1/2	1/2	166,258	1/2	154,299	1/2	142,295	1/2	130,229	1/2	118,159	1/2	106,088	1/2	94,017
3/4	3/4	3/4	3/4	3/4	3/4	3/4	166,010	3/4	154,049	3/4	142,045	3/4	129,978	3/4	117,907	3/4	105,837	3/4	93,766
9		9		9		9	165,763	9	153,799	9	141,795	9	129,726	9	117,656	9	105,585	9	93,515
1/4	1/4	1/4	1/4	1/4	1/4	1/4	165,515	1/4	153,549	1/4	141,545	1/4	129,475	1/4	117,404	1/4	105,334	1/4	93,263
1/2	1/2	1/2	1/2	1/2	1/2	1/2	165,267	1/2	153,298	1/2	141,294	1/2	129,223	1/2	117,153	1/2	105,082	1/2	93,012
3/4	3/4	3/4	3/4	3/4	3/4	3/4	165,019	3/4	153,048	3/4	141,042	3/4	128,972	3/4	116,901	3/4	104,831	3/4	92,760
10		10		10		10	164,772	10	152,798	10	140,791	10	128,720	10	116,650	10	104,579	10	92,509
1/4	1/4	1/4	1/4	1/4	1/4	1/4	164,524	1/4	152,548	1/4	140,539	1/4	128,469	1/4	116,398	1/4	104,328	1/4	92,257
1/2	1/2	1/2	1/2	1/2	1/2	1/2	164,276	1/2	152,298	1/2	140,288	1/2	128,217	1/2	116,147	1/2	104,076	1/2	92,006
3/4	3/4	3/4	3/4	3/4	3/4	3/4	164,028	3/4	152,048	3/4	140,036	3/4	127,966	3/4	115,895	3/4	103,825	3/4	91,754
11		11		11		11	163,781	11	151,798	11	139,785	11	127,714	11	115,644	11	103,573	11	91,502
1/4	1/4	1/4	1/4	1/4	1/4	1/4	163,533	1/4	151,548	1/4	139,533	1/4	127,463	1/4	115,392	1/4	103,322	1/4	91,251
1/2	1/2	1/2	1/2	1/2	1/2	1/2	163,285	1/2	151,298	1/2	139,282	1/2	127,211	1/2	115,141	1/2	103,070	1/2	90,999
3/4	3/4	3/4	3/4	3/4	3/4	3/4	163,037	3/4	151,048	3/4	139,030	3/4	126,960	3/4	114,889	3/4	102,819	3/4	90,748

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1362"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	78,424	0	66,351	0	54,279	0	42,206	0	30,362	0	18,355	0	6,286	0		0		0	
1/4	78,172	1/4	66,100	1/4	54,027	1/4	41,955	1/4	30,118	1/4	18,104	1/4	6,035	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,921	1/2	65,848	1/2	53,776	1/2	41,703	1/2	29,874	1/2	17,852	1/2	5,785	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,669	3/4	65,597	3/4	53,524	3/4	41,452	3/4	29,630	3/4	17,601	3/4	5,535	3/4	3/4	3/4	3/4	3/4	3/4
1	77,418	1	65,345	1	53,273	1	41,200	1	29,386	1	17,349	1	5,285	1	1	1	1	1	1
1/4	77,166	1/4	65,094	1/4	53,021	1/4	40,949	1/4	29,141	1/4	17,097	1/4	5,035	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,915	1/2	64,842	1/2	52,770	1/2	40,697	1/2	28,897	1/2	16,846	1/2	4,787	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,663	3/4	64,591	3/4	52,518	3/4	40,445	3/4	28,653	3/4	16,594	3/4	4,538	3/4	3/4	3/4	3/4	3/4	3/4
2	76,412	2	64,339	2	52,267	2	40,194	2	28,408	2	16,343	2	4,289	2	2	2	2	2	2
1/4	76,160	1/4	64,088	1/4	52,015	1/4	39,942	1/4	28,164	1/4	16,091	1/4	4,041	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,909	1/2	63,836	1/2	51,764	1/2	39,691	1/2	27,912	1/2	15,840	1/2	3,794	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,657	3/4	63,585	3/4	51,512	3/4	39,439	3/4	27,661	3/4	15,588	3/4	3,548	3/4	3/4	3/4	3/4	3/4	3/4
3	75,406	3	63,333	3	51,261	3	39,188	3	27,409	3	15,337	3	3,301	3	3	3	3	3	3
1/4	75,154	1/4	63,082	1/4	51,009	1/4	38,936	1/4	27,158	1/4	15,085	1/4	3,055	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,903	1/2	62,830	1/2	50,757	1/2	38,685	1/2	26,906	1/2	14,834	1/2	2,825	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,651	3/4	62,579	3/4	50,506	3/4	38,433	3/4	26,655	3/4	14,582	3/4	2,595	3/4	3/4	3/4	3/4	3/4	3/4
4	74,400	4	62,327	4	50,254	4	38,182	4	26,403	4	14,331	4	2,365	4	4	4	4	4	4
1/4	74,148	1/4	62,076	1/4	50,003	1/4	37,930	1/4	26,152	1/4	14,079	1/4	2,135	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,897	1/2	61,824	1/2	49,751	1/2	37,686	1/2	25,900	1/2	13,828	1/2	1,946	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,645	3/4	61,573	3/4	49,500	3/4	37,441	3/4	25,649	3/4	13,576	3/4	1,758	3/4	3/4	3/4	3/4	3/4	3/4
5	73,394	5	61,321	5	49,248	5	37,197	5	25,397	5	13,325	5	1,569	5	5	5	5	5	5
1/4	73,142	1/4	61,070	1/4	48,997	1/4	36,953	1/4	25,146	1/4	13,073	1/4	1,381	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,891	1/2	60,818	1/2	48,745	1/2	36,708	1/2	24,894	1/2	12,822	1/2	1,234	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,639	3/4	60,566	3/4	48,494	3/4	36,464	3/4	24,643	3/4	12,570	3/4	1,087	3/4	3/4	3/4	3/4	3/4	3/4
6	72,388	6	60,315	6	48,242	6	36,220	6	24,391	6	12,319	6	940	6	6	6	6	6	6
1/4	72,136	1/4	60,063	1/4	47,991	1/4	35,976	1/4	24,140	1/4	12,067	1/4	794	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,885	1/2	59,812	1/2	47,739	1/2	35,732	1/2	23,888	1/2	11,816	1/2	689	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,633	3/4	59,560	3/4	47,488	3/4	35,488	3/4	23,637	3/4	11,564	3/4	584	3/4	3/4	3/4	3/4	3/4	3/4
7	71,382	7	59,309	7	47,236	7	35,244	7	23,385	7	11,313	7	479	7	7	7	7	7	7
1/4	71,130	1/4	59,057	1/4	46,985	1/4	35,000	1/4	23,134	1/4	11,061	1/4	375	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,878	1/2	58,806	1/2	46,733	1/2	34,756	1/2	22,882	1/2	10,810	1/2	312	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,627	3/4	58,554	3/4	46,482	3/4	34,512	3/4	22,631	3/4	10,558	3/4	249	3/4	3/4	3/4	3/4	3/4	3/4
8	70,375	8	58,303	8	46,230	8	34,267	8	22,379	8	10,307	8	186	8	8	8	8	8	8
1/4	70,124	1/4	58,051	1/4	45,979	1/4	34,023	1/4	22,128	1/4	10,055	1/4	123	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,872	1/2	57,800	1/2	45,727	1/2	33,779	1/2	21,876	1/2	9,804	1/2	102	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,621	3/4	57,548	3/4	45,476	3/4	33,535	3/4	21,625	3/4	9,552	3/4	81	3/4	3/4	3/4	3/4	3/4	3/4
9	69,369	9	57,297	9	45,224	9	33,291	9	21,373	9	9,301	9	60	9	9	9	9	9	9
1/4	69,118	1/4	57,045	1/4	44,973	1/4	33,047	1/4	21,122	1/4	9,049	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,866	1/2	56,794	1/2	44,721	1/2	32,803	1/2	20,870	1/2	8,798	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,615	3/4	56,542	3/4	44,470	3/4	32,559	3/4	20,619	3/4	8,546	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	68,363	10	56,291	10	44,218	10	32,315	10	20,367	10	8,295	10	10	10	10	10	10	10	10
1/4	68,112	1/4	56,039	1/4	43,967	1/4	32,071	1/4	20,116	1/4	8,043	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,860	1/2	55,788	1/2	43,715	1/2	31,827	1/2	19,864	1/2	7,792	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,609	3/4	55,536	3/4	43,464	3/4	31,582	3/4	19,613	3/4	7,541	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	67,357	11	55,285	11	43,212	11	31,338	11	19,361	11	7,290	11	11	11	11	11	11	11	11
1/4	67,106	1/4	55,033	1/4	42,961	1/4	31,094	1/4	19,110	1/4	7,038	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,854	1/2	54,782	1/2	42,709	1/2	30,850	1/2	18,858	1/2	6,788	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,603	3/4	54,530	3/4	42,458	3/4	30,606	3/4	18,607	3/4	6,537	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: 05/21/2013 CL
CALCULATED: 05/21/2013 CL
PRINTED: 05/21/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

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



BARGE "CBC 1362"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 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	144,534	0	133,904	0	123,250	0	112,551	0	101,852	0	91,152	0	80,453
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,314	1/4	133,682	1/4	123,027	1/4	112,328	1/4	101,629	1/4	90,930	1/4	80,230
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,094	1/2	133,460	1/2	122,804	1/2	112,105	1/2	101,406	1/2	90,707	1/2	80,007
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,875	3/4	133,239	3/4	122,581	3/4	111,882	3/4	101,183	3/4	90,484	3/4	79,784
1		1		1		1	143,655	1	133,017	1	122,358	1	111,659	1	100,960	1	90,261	1	79,561
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,302	1/4	143,436	1/4	132,795	1/4	111,436	1/4	100,737	1/4	90,038	1/4	79,338
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,287	1/2	143,214	1/2	132,574	1/2	111,213	1/2	100,514	1/2	89,815	1/2	79,115
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,272	3/4	142,992	3/4	132,352	3/4	110,990	3/4	100,291	3/4	89,592	3/4	78,892
2		2		2		2	151,257	2	142,771	2	132,130	2	121,467	2	110,767	2	89,369	2	78,670
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,241	1/4	142,549	1/4	131,908	1/4	121,244	1/4	110,545	1/4	89,146	1/4	78,447
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,189	1/2	142,327	1/2	131,687	1/2	121,021	1/2	110,322	1/2	88,924	1/2	78,224
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,137	3/4	142,106	3/4	131,465	3/4	120,798	3/4	110,099	3/4	88,701	3/4	78,001
3		3		3		3	151,084	3	141,884	3	131,243	3	120,575	3	109,876	3	88,478	3	77,778
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,032	1/4	141,662	1/4	131,022	1/4	120,352	1/4	109,653	1/4	88,255	1/4	77,555
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,942	1/2	141,441	1/2	130,800	1/2	120,129	1/2	109,430	1/2	88,032	1/2	77,332
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,853	3/4	141,219	3/4	130,578	3/4	119,906	3/4	109,207	3/4	87,809	3/4	77,109
4		4		4		4	150,763	4	140,997	4	130,357	4	119,683	4	108,984	4	87,586	4	76,886
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,673	1/4	140,776	1/4	130,135	1/4	119,460	1/4	108,761	1/4	87,363	1/4	76,663
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,547	1/2	140,554	1/2	129,913	1/2	119,238	1/2	108,538	1/2	87,140	1/2	76,440
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,420	3/4	140,332	3/4	129,692	3/4	119,015	3/4	108,316	3/4	86,917	3/4	76,217
5		5		5		5	150,293	5	140,110	5	129,470	5	118,792	5	108,093	5	86,695	5	75,994
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,166	1/4	139,889	1/4	129,248	1/4	118,569	1/4	107,870	1/4	86,472	1/4	75,771
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,003	1/2	139,667	1/2	129,027	1/2	118,346	1/2	107,647	1/2	86,249	1/2	75,548
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,839	3/4	139,445	3/4	128,805	3/4	118,123	3/4	107,424	3/4	86,026	3/4	75,325
6		6		6		6	149,675	6	139,224	6	128,583	6	117,900	6	107,201	6	85,803	6	75,103
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,511	1/4	139,002	1/4	128,362	1/4	117,677	1/4	106,978	1/4	85,580	1/4	74,880
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,310	1/2	138,780	1/2	128,140	1/2	117,454	1/2	106,755	1/2	85,357	1/2	74,657
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,109	3/4	138,559	3/4	127,918	3/4	117,231	3/4	106,532	3/4	85,134	3/4	74,434
7		7		7		7	148,908	7	138,337	7	127,697	7	117,009	7	106,310	7	84,911	7	74,211
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,707	1/4	138,115	1/4	127,475	1/4	116,786	1/4	106,087	1/4	84,688	1/4	73,988
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,487	1/2	137,894	1/2	127,253	1/2	116,563	1/2	105,864	1/2	84,466	1/2	73,765
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,267	3/4	137,672	3/4	127,032	3/4	116,340	3/4	105,641	3/4	84,243	3/4	73,542
8		8		8		8	148,048	8	137,450	8	126,810	8	116,117	8	105,418	8	84,020	8	73,319
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,828	1/4	137,229	1/4	126,588	1/4	115,894	1/4	105,195	1/4	83,797	1/4	73,096
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,609	1/2	137,007	1/2	126,367	1/2	115,671	1/2	104,972	1/2	83,574	1/2	72,873
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,389	3/4	136,785	3/4	126,145	3/4	115,448	3/4	104,749	3/4	83,351	3/4	72,650
9		9		9		9	147,169	9	136,564	9	125,923	9	115,225	9	104,526	9	83,128	9	72,427
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,950	1/4	136,342	1/4	125,702	1/4	115,003	1/4	104,303	1/4	82,905	1/4	72,204
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,730	1/2	136,120	1/2	125,479	1/2	114,780	1/2	104,081	1/2	82,682	1/2	71,981
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,510	3/4	135,899	3/4	125,256	3/4	114,557	3/4	103,858	3/4	82,459	3/4	71,759
10		10		10		10	146,291	10	135,677	10	125,033	10	114,334	10	103,635	10	82,236	10	71,536
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,071	1/4	135,455	1/4	124,810	1/4	114,111	1/4	103,412	1/4	82,014	1/4	71,313
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,852	1/2	135,234	1/2	124,587	1/2	113,888	1/2	103,189	1/2	81,791	1/2	71,090
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,632	3/4	135,012	3/4	124,364	3/4	113,665	3/4	102,966	3/4	81,568	3/4	70,867
11		11		11		11	145,412	11	134,790	11	124,141	11	113,442	11	102,743	11	81,345	11	70,644
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,193	1/4	134,569	1/4	123,918	1/4	113,219	1/4	102,520	1/4	81,122	1/4	70,421
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,973	1/2	134,347	1/2	123,696	1/2	112,996	1/2	102,297	1/2	80,899	1/2	70,198
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,753	3/4	134,125	3/4	123,473	3/4	112,774	3/4	102,074	3/4	80,676	3/4	69,975

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1362"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	69,752	0	59,051	0	48,350	0	37,649	0	26,968	0	16,274	0	5,576	0		0			
1/4	69,529	1/4	58,828	1/4	48,127	1/4	37,427	1/4	26,746	1/4	16,051	1/4	5,354	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,306	1/2	58,605	1/2	47,904	1/2	37,204	1/2	26,523	1/2	15,828	1/2	5,132	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,083	3/4	58,382	3/4	47,682	3/4	36,981	3/4	26,301	3/4	15,605	3/4	4,911	3/4	3/4	3/4	3/4	3/4	3/4
1	68,860	1	58,159	1	47,459	1	36,758	1	26,079	1	15,382	1	4,689	1	1	1	1	1	1
1/4	68,637	1/4	57,937	1/4	47,236	1/4	36,535	1/4	25,857	1/4	15,159	1/4	4,468	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,415	1/2	57,714	1/2	47,013	1/2	36,312	1/2	25,634	1/2	14,936	1/2	4,247	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,192	3/4	57,491	3/4	46,790	3/4	36,089	3/4	25,412	3/4	14,713	3/4	4,027	3/4	3/4	3/4	3/4	3/4	3/4
2	67,969	2	57,268	2	46,567	2	35,866	2	25,189	2	14,490	2	3,806	2	2	2	2	2	2
1/4	67,746	1/4	57,045	1/4	46,344	1/4	35,643	1/4	24,967	1/4	14,267	1/4	3,586	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,523	1/2	56,822	1/2	46,121	1/2	35,420	1/2	24,744	1/2	14,045	1/2	3,367	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,300	3/4	56,599	3/4	45,898	3/4	35,197	3/4	24,521	3/4	13,822	3/4	3,149	3/4	3/4	3/4	3/4	3/4	3/4
3	67,077	3	56,376	3	45,675	3	34,974	3	24,299	3	13,599	3	2,930	3	3	3	3	3	3
1/4	66,854	1/4	56,153	1/4	45,452	1/4	34,751	1/4	24,076	1/4	13,376	1/4	2,712	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,631	1/2	55,930	1/2	45,229	1/2	34,528	1/2	23,853	1/2	13,153	1/2	2,508	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,408	3/4	55,707	3/4	45,006	3/4	34,305	3/4	23,630	3/4	12,930	3/4	2,304	3/4	3/4	3/4	3/4	3/4	3/4
4	66,185	4	55,484	4	44,783	4	34,082	4	23,407	4	12,707	4	2,101	4	4	4	4	4	4
1/4	65,962	1/4	55,261	1/4	44,560	1/4	33,860	1/4	23,185	1/4	12,484	1/4	1,897	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,739	1/2	55,038	1/2	44,338	1/2	33,637	1/2	22,962	1/2	12,261	1/2	1,730	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,516	3/4	54,815	3/4	44,115	3/4	33,414	3/4	22,739	3/4	12,038	3/4	1,562	3/4	3/4	3/4	3/4	3/4	3/4
5	65,293	5	54,593	5	43,892	5	33,191	5	22,516	5	11,815	5	1,395	5	5	5	5	5	5
1/4	65,070	1/4	54,370	1/4	43,669	1/4	32,968	1/4	22,293	1/4	11,592	1/4	1,228	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,848	1/2	54,147	1/2	43,446	1/2	32,746	1/2	22,070	1/2	11,369	1/2	1,098	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,625	3/4	53,924	3/4	43,223	3/4	32,523	3/4	21,847	3/4	11,147	3/4	968	3/4	3/4	3/4	3/4	3/4	3/4
6	64,402	6	53,701	6	43,000	6	32,301	6	21,624	6	10,924	6	838	6	6	6	6	6	6
1/4	64,179	1/4	53,478	1/4	42,777	1/4	32,079	1/4	21,401	1/4	10,701	1/4	708	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,956	1/2	53,255	1/2	42,554	1/2	31,857	1/2	21,178	1/2	10,478	1/2	615	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,733	3/4	53,032	3/4	42,331	3/4	31,635	3/4	20,955	3/4	10,255	3/4	522	3/4	3/4	3/4	3/4	3/4	3/4
7	63,510	7	52,809	7	42,108	7	31,412	7	20,732	7	10,032	7	429	7	7	7	7	7	7
1/4	63,287	1/4	52,586	1/4	41,885	1/4	31,190	1/4	20,509	1/4	9,809	1/4	336	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,064	1/2	52,363	1/2	41,662	1/2	30,968	1/2	20,286	1/2	9,586	1/2	281	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,841	3/4	52,140	3/4	41,439	3/4	30,746	3/4	20,064	3/4	9,363	3/4	225	3/4	3/4	3/4	3/4	3/4	3/4
8	62,618	8	51,917	8	41,216	8	30,523	8	19,841	8	9,140	8	169	8	8	8	8	8	8
1/4	62,395	1/4	51,694	1/4	40,993	1/4	30,301	1/4	19,618	1/4	8,917	1/4	114	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,172	1/2	51,471	1/2	40,771	1/2	30,079	1/2	19,395	1/2	8,694	1/2	95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,949	3/4	51,249	3/4	40,548	3/4	29,857	3/4	19,172	3/4	8,471	3/4	76	3/4	3/4	3/4	3/4	3/4	3/4
9	61,726	9	51,026	9	40,325	9	29,635	9	18,949	9	8,248	9	58	9	9	9	9	9	9
1/4	61,504	1/4	50,803	1/4	40,102	1/4	29,412	1/4	18,726	1/4	8,026	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,281	1/2	50,580	1/2	39,879	1/2	29,190	1/2	18,503	1/2	7,803	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,058	3/4	50,357	3/4	39,656	3/4	28,968	3/4	18,280	3/4	7,580	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,835	10	50,134	10	39,433	10	28,746	10	18,057	10	7,357	10		10	10	10	10	10	10
1/4	60,612	1/4	49,911	1/4	39,210	1/4	28,523	1/4	17,834	1/4	7,134	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,389	1/2	49,688	1/2	38,987	1/2	28,301	1/2	17,611	1/2	6,911	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,166	3/4	49,465	3/4	38,764	3/4	28,079	3/4	17,388	3/4	6,688	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	59,943	11	49,242	11	38,541	11	27,857	11	17,166	11	6,466	11		11	11	11	11	11	11
1/4	59,720	1/4	49,019	1/4	38,318	1/4	27,635	1/4	16,943	1/4	6,243	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,497	1/2	48,796	1/2	38,095	1/2	27,412	1/2	16,720	1/2	6,021	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,274	3/4	48,573	3/4	37,872	3/4	27,190	3/4	16,497	3/4	5,798	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/21/2013 CL
CALCULATED: 05/21/2013 CL
PRINTED: 05/21/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

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