



BARGE "CBC 1364"

INNAGE TRIM TABLE

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

July 9, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 1364"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,091	0	18,880	0	29,518	0	40,185	0	50,946	0	61,706	0	72,444	0	83,183	0	93,947
1/4	58	1/4	8,316	1/4	19,104	1/4	29,736	1/4	40,409	1/4	51,170	1/4	61,931	1/4	72,667	1/4	83,407	1/4	94,171
1/2	77	1/2	8,541	1/2	19,329	1/2	29,954	1/2	40,634	1/2	51,394	1/2	62,155	1/2	72,889	1/2	83,632	1/2	94,395
3/4	96	3/4	8,765	3/4	19,554	3/4	30,173	3/4	40,858	3/4	51,618	3/4	62,379	3/4	73,112	3/4	83,856	3/4	94,620
1	114	1	8,990	1	19,779	1	30,391	1	41,082	1	51,843	1	62,603	1	73,335	1	84,080	1	94,844
1/4	170	1/4	9,215	1/4	20,003	1/4	30,609	1/4	41,306	1/4	52,067	1/4	62,827	1/4	73,558	1/4	84,304	1/4	95,068
1/2	227	1/2	9,440	1/2	20,228	1/2	30,828	1/2	41,530	1/2	52,291	1/2	63,051	1/2	73,781	1/2	84,529	1/2	95,292
3/4	283	3/4	9,664	3/4	20,453	3/4	31,046	3/4	41,754	3/4	52,515	3/4	63,276	3/4	74,004	3/4	84,753	3/4	95,517
2	339	2	9,889	2	20,678	2	31,265	2	41,979	2	52,739	2	63,500	2	74,226	2	84,977	2	95,741
1/4	433	1/4	10,114	1/4	20,902	1/4	31,483	1/4	42,203	1/4	52,963	1/4	63,724	1/4	74,449	1/4	85,201	1/4	95,965
1/2	526	1/2	10,339	1/2	21,127	1/2	31,701	1/2	42,427	1/2	53,188	1/2	63,948	1/2	74,672	1/2	85,425	1/2	96,189
3/4	620	3/4	10,563	3/4	21,352	3/4	31,920	3/4	42,651	3/4	53,412	3/4	64,172	3/4	74,895	3/4	85,650	3/4	96,414
3	714	3	10,788	3	21,577	3	32,138	3	42,875	3	53,636	3	64,397	3	75,118	3	85,874	3	96,638
1/4	845	1/4	11,013	1/4	21,801	1/4	32,356	1/4	43,100	1/4	53,860	1/4	64,621	1/4	75,341	1/4	86,098	1/4	96,862
1/2	976	1/2	11,238	1/2	22,026	1/2	32,575	1/2	43,324	1/2	54,084	1/2	64,845	1/2	75,563	1/2	86,322	1/2	97,086
3/4	1,107	3/4	11,462	3/4	22,251	3/4	32,793	3/4	43,548	3/4	54,309	3/4	65,069	3/4	75,786	3/4	86,547	3/4	97,311
4	1,238	4	11,687	4	22,476	4	33,012	4	43,772	4	54,533	4	65,293	4	76,009	4	86,771	4	97,535
1/4	1,406	1/4	11,912	1/4	22,700	1/4	33,236	1/4	43,996	1/4	54,757	1/4	65,517	1/4	76,233	1/4	86,995	1/4	97,759
1/2	1,575	1/2	12,137	1/2	22,925	1/2	33,460	1/2	44,220	1/2	54,981	1/2	65,742	1/2	76,456	1/2	87,219	1/2	97,983
3/4	1,743	3/4	12,361	3/4	23,150	3/4	33,684	3/4	44,445	3/4	55,205	3/4	65,966	3/4	76,680	3/4	87,444	3/4	98,208
5	1,912	5	12,586	5	23,375	5	33,908	5	44,669	5	55,429	5	66,190	5	76,903	5	87,668	5	98,432
1/4	2,117	1/4	12,811	1/4	23,599	1/4	34,132	1/4	44,893	1/4	55,654	1/4	66,414	1/4	77,127	1/4	87,892	1/4	98,656
1/2	2,323	1/2	13,036	1/2	23,824	1/2	34,357	1/2	45,117	1/2	55,878	1/2	66,638	1/2	77,352	1/2	88,116	1/2	98,880
3/4	2,528	3/4	13,261	3/4	24,049	3/4	34,581	3/4	45,341	3/4	56,102	3/4	66,863	3/4	77,576	3/4	88,341	3/4	99,105
6	2,734	6	13,485	6	24,274	6	34,805	6	45,566	6	56,326	6	67,087	6	77,800	6	88,565	6	99,329
1/4	2,954	1/4	13,710	1/4	24,493	1/4	35,029	1/4	45,790	1/4	56,550	1/4	67,310	1/4	78,025	1/4	88,789	1/4	99,553
1/2	3,174	1/2	13,935	1/2	24,711	1/2	35,253	1/2	46,014	1/2	56,774	1/2	67,534	1/2	78,249	1/2	89,013	1/2	99,777
3/4	3,395	3/4	14,160	3/4	24,930	3/4	35,477	3/4	46,238	3/4	56,999	3/4	67,757	3/4	78,473	3/4	89,238	3/4	100,002
7	3,615	7	14,384	7	25,149	7	35,702	7	46,462	7	57,223	7	67,981	7	78,697	7	89,462	7	100,226
1/4	3,837	1/4	14,609	1/4	25,368	1/4	35,926	1/4	46,686	1/4	57,447	1/4	68,205	1/4	78,922	1/4	89,686	1/4	100,450
1/2	4,059	1/2	14,834	1/2	25,586	1/2	36,150	1/2	46,911	1/2	57,671	1/2	68,428	1/2	79,146	1/2	89,910	1/2	100,674
3/4	4,282	3/4	15,059	3/4	25,805	3/4	36,374	3/4	47,135	3/4	57,895	3/4	68,652	3/4	79,370	3/4	90,135	3/4	100,899
8	4,504	8	15,283	8	26,024	8	36,598	8	47,359	8	58,120	8	68,875	8	79,595	8	90,359	8	101,123
1/4	4,727	1/4	15,508	1/4	26,242	1/4	36,823	1/4	47,583	1/4	58,344	1/4	69,099	1/4	79,819	1/4	90,583	1/4	101,347
1/2	4,951	1/2	15,733	1/2	26,461	1/2	37,047	1/2	47,807	1/2	58,568	1/2	69,323	1/2	80,043	1/2	90,807	1/2	101,571
3/4	5,174	3/4	15,958	3/4	26,679	3/4	37,271	3/4	48,032	3/4	58,792	3/4	69,546	3/4	80,267	3/4	91,032	3/4	101,796
9	5,397	9	16,182	9	26,897	9	37,495	9	48,256	9	59,016	9	69,770	9	80,492	9	91,256	9	102,020
1/4	5,621	1/4	16,407	1/4	27,116	1/4	37,719	1/4	48,480	1/4	59,240	1/4	69,993	1/4	80,716	1/4	91,480	1/4	102,244
1/2	5,846	1/2	16,632	1/2	27,334	1/2	37,943	1/2	48,704	1/2	59,465	1/2	70,215	1/2	80,940	1/2	91,704	1/2	102,468
3/4	6,070	3/4	16,857	3/4	27,552	3/4	38,168	3/4	48,928	3/4	59,689	3/4	70,438	3/4	81,164	3/4	91,929	3/4	102,693
10	6,294	10	17,081	10	27,771	10	38,392	10	49,152	10	59,913	10	70,661	10	81,389	10	92,153	10	102,917
1/4	6,518	1/4	17,306	1/4	27,989	1/4	38,616	1/4	49,377	1/4	60,137	1/4	70,884	1/4	81,613	1/4	92,377	1/4	103,141
1/2	6,743	1/2	17,531	1/2	28,207	1/2	38,840	1/2	49,601	1/2	60,361	1/2	71,107	1/2	81,837	1/2	92,601	1/2	103,365
3/4	6,968	3/4	17,756	3/4	28,426	3/4	39,064	3/4	49,825	3/4	60,586	3/4	71,330	3/4	82,062	3/4	92,826	3/4	103,590
11	7,192	11	17,980	11	28,644	11	39,289	11	50,049	11	60,810	11	71,552	11	82,286	11	93,050	11	103,814
1/4	7,417	1/4	18,205	1/4	28,863	1/4	39,513	1/4	50,273	1/4	61,034	1/4	71,775	1/4	82,510	1/4	93,274	1/4	104,038
1/2	7,642	1/2	18,430	1/2	29,081	1/2	39,737	1/2	50,497	1/2	61,258	1/2	71,998	1/2	82,734	1/2	93,498	1/2	104,262
3/4	7,866	3/4	18,655	3/4	29,299	3/4	39,961	3/4	50,722	3/4	61,482	3/4	72,221	3/4	82,959	3/4	93,723	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 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1364"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,711	0	114,811	0	124,271	0	133,688	0	143,089	0		0		0		0		0	
1/4	104,935	1/4	115,008	1/4	124,467	1/4	133,885	1/4	143,284	1/4		1/4		1/4		1/4		1/4	
1/2	105,159	1/2	115,206	1/2	124,664	1/2	134,081	1/2	143,478	1/2		1/2		1/2		1/2		1/2	
3/4	105,383	3/4	115,403	3/4	124,860	3/4	134,278	3/4	143,673	3/4		3/4		3/4		3/4		3/4	
1	105,607	1	115,600	1	125,057	1	134,475	1	143,867	1		1		1		1		1	
1/4	105,831	1/4	115,797	1/4	125,254	1/4	134,671	1/4	144,062	1/4		1/4		1/4		1/4		1/4	
1/2	106,055	1/2	115,994	1/2	125,450	1/2	134,868	1/2	144,256	1/2		1/2		1/2		1/2		1/2	
3/4	106,279	3/4	116,191	3/4	125,647	3/4	135,064	3/4	144,451	3/4		3/4		3/4		3/4		3/4	
2	106,503	2	116,388	2	125,843	2	135,261	2	144,645	2		2		2		2		2	
1/4	106,727	1/4	116,585	1/4	126,040	1/4	135,457	1/4	144,849	1/4		1/4		1/4		1/4		1/4	
1/2	106,951	1/2	116,782	1/2	126,236	1/2	135,654	1/2	145,052	1/2		1/2		1/2		1/2		1/2	
3/4	107,175	3/4	116,979	3/4	126,433	3/4	135,850	3/4	145,255	3/4		3/4		3/4		3/4		3/4	
3	107,399	3	117,176	3	126,629	3	136,047	3	145,459	3		3		3		3		3	
1/4	107,623	1/4	117,373	1/4	126,826	1/4	136,243	1/4	145,625	1/4		1/4		1/4		1/4		1/4	
1/2	107,847	1/2	117,570	1/2	127,023	1/2	136,440	1/2	145,791	1/2		1/2		1/2		1/2		1/2	
3/4	108,071	3/4	117,767	3/4	127,219	3/4	136,637	3/4	145,957	3/4		3/4		3/4		3/4		3/4	
4	108,295	4	117,965	4	127,416	4	136,833	4	146,122	4		4		4		4		4	
1/4	108,519	1/4	118,162	1/4	127,612	1/4	137,030	1/4	146,251	1/4		1/4		1/4		1/4		1/4	
1/2	108,743	1/2	118,359	1/2	127,809	1/2	137,226	1/2	146,379	1/2		1/2		1/2		1/2		1/2	
3/4	108,967	3/4	118,556	3/4	128,005	3/4	137,423	3/4	146,508	3/4		3/4		3/4		3/4		3/4	
5	109,191	5	118,753	5	128,202	5	137,619	5	146,636	5		5		5		5		5	
1/4	109,415	1/4	118,950	1/4	128,398	1/4	137,816	1/4	146,727	1/4		1/4		1/4		1/4		1/4	
1/2	109,639	1/2	119,147	1/2	128,595	1/2	138,012	1/2	146,818	1/2		1/2		1/2		1/2		1/2	
3/4	109,863	3/4	119,344	3/4	128,791	3/4	138,209	3/4	146,909	3/4		3/4		3/4		3/4		3/4	
6	110,087	6	119,541	6	128,988	6	138,405	6	147,000	6		6		6		6		6	
1/4	110,284	1/4	119,738	1/4	129,184	1/4	138,602	1/4	147,054	1/4		1/4		1/4		1/4		1/4	
1/2	110,481	1/2	119,935	1/2	129,380	1/2	138,799	1/2	147,107	1/2		1/2		1/2		1/2		1/2	
3/4	110,677	3/4	120,132	3/4	129,576	3/4	138,995	3/4	147,161	3/4		3/4		3/4		3/4		3/4	
7	110,874	7	120,329	7	129,771	7	139,192	7	147,214	7		7		7		7		7	
1/4	111,071	1/4	120,526	1/4	129,967	1/4	139,388	1/4	147,230	1/4		1/4		1/4		1/4		1/4	
1/2	111,268	1/2	120,724	1/2	130,163	1/2	139,585	1/2	147,247	1/2		1/2		1/2		1/2		1/2	
3/4	111,465	3/4	120,921	3/4	130,359	3/4	139,781	3/4	147,263	3/4		3/4		3/4		3/4		3/4	
8	111,662	8	121,118	8	130,555	8	139,978	8	147,279	8		8		8		8		8	
1/4	111,859	1/4	121,315	1/4	130,751	1/4	140,172	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,055	1/2	121,512	1/2	130,946	1/2	140,367	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,252	3/4	121,709	3/4	131,142	3/4	140,561	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,449	9	121,906	9	131,338	9	140,756	9		9		9		9		9		9	
1/4	112,646	1/4	122,103	1/4	131,534	1/4	140,950	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,843	1/2	122,300	1/2	131,730	1/2	141,145	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,040	3/4	122,497	3/4	131,926	3/4	141,339	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,237	10	122,694	10	132,122	10	141,534	10		10		10		10		10		10	
1/4	113,433	1/4	122,891	1/4	132,317	1/4	141,728	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,630	1/2	123,088	1/2	132,513	1/2	141,923	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,827	3/4	123,285	3/4	132,709	3/4	142,117	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,024	11	123,483	11	132,905	11	142,312	11		11		11		11		11		11	
1/4	114,221	1/4	123,680	1/4	133,101	1/4	142,506	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,418	1/2	123,877	1/2	133,297	1/2	142,701	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,615	3/4	124,074	3/4	133,492	3/4	142,895	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2013 CL SW
CALCULATED: 07/09/2013 CL
PRINTED: 07/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE "CBC 1364"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,043	0	21,107	0	33,024	0	44,941	0	57,006	0	69,070	0	81,134	0	93,198	0	105,260
1/4	60	1/4	9,294	1/4	21,358	1/4	33,268	1/4	45,193	1/4	57,257	1/4	69,321	1/4	81,385	1/4	93,450	1/4	105,512
1/2	81	1/2	9,546	1/2	21,610	1/2	33,512	1/2	45,444	1/2	57,508	1/2	69,573	1/2	81,637	1/2	93,701	1/2	105,763
3/4	102	3/4	9,797	3/4	21,861	3/4	33,756	3/4	45,695	3/4	57,760	3/4	69,824	3/4	81,888	3/4	93,952	3/4	106,014
1	123	1	10,048	1	22,112	1	34,000	1	45,947	1	58,011	1	70,075	1	82,139	1	94,203	1	106,266
1/4	186	1/4	10,300	1/4	22,364	1/4	34,244	1/4	46,198	1/4	58,262	1/4	70,327	1/4	82,391	1/4	94,455	1/4	106,517
1/2	249	1/2	10,551	1/2	22,615	1/2	34,488	1/2	46,449	1/2	58,514	1/2	70,578	1/2	82,642	1/2	94,706	1/2	106,768
3/4	311	3/4	10,802	3/4	22,866	3/4	34,732	3/4	46,701	3/4	58,765	3/4	70,829	3/4	82,893	3/4	94,957	3/4	107,019
2	374	2	11,054	2	23,117	2	34,975	2	46,952	2	59,016	2	71,081	2	83,145	2	95,209	2	107,271
1/4	479	1/4	11,305	1/4	23,369	1/4	35,219	1/4	47,203	1/4	59,268	1/4	71,332	1/4	83,396	1/4	95,460	1/4	107,522
1/2	584	1/2	11,556	1/2	23,620	1/2	35,463	1/2	47,455	1/2	59,519	1/2	71,583	1/2	83,647	1/2	95,711	1/2	107,773
3/4	688	3/4	11,808	3/4	23,871	3/4	35,707	3/4	47,706	3/4	59,770	3/4	71,835	3/4	83,899	3/4	95,962	3/4	108,025
3	793	3	12,059	3	24,123	3	35,951	3	47,958	3	60,022	3	72,086	3	84,150	3	96,214	3	108,276
1/4	940	1/4	12,310	1/4	24,374	1/4	36,195	1/4	48,209	1/4	60,273	1/4	72,337	1/4	84,401	1/4	96,465	1/4	108,527
1/2	1,086	1/2	12,562	1/2	24,625	1/2	36,439	1/2	48,460	1/2	60,524	1/2	72,589	1/2	84,653	1/2	96,716	1/2	108,778
3/4	1,233	3/4	12,813	3/4	24,877	3/4	36,683	3/4	48,712	3/4	60,776	3/4	72,840	3/4	84,904	3/4	96,968	3/4	109,030
4	1,380	4	13,064	4	25,128	4	36,927	4	48,963	4	61,027	4	73,091	4	85,155	4	97,219	4	109,281
1/4	1,568	1/4	13,316	1/4	25,379	1/4	37,171	1/4	49,214	1/4	61,278	1/4	73,343	1/4	85,407	1/4	97,470	1/4	109,532
1/2	1,757	1/2	13,567	1/2	25,631	1/2	37,415	1/2	49,466	1/2	61,530	1/2	73,594	1/2	85,658	1/2	97,722	1/2	109,784
3/4	1,945	3/4	13,818	3/4	25,882	3/4	37,660	3/4	49,717	3/4	61,781	3/4	73,845	3/4	85,909	3/4	97,973	3/4	110,035
5	2,134	5	14,070	5	26,133	5	37,904	5	49,968	5	62,032	5	74,097	5	86,161	5	98,224	5	110,286
1/4	2,363	1/4	14,321	1/4	26,385	1/4	38,155	1/4	50,220	1/4	62,284	1/4	74,348	1/4	86,412	1/4	98,475	1/4	110,538
1/2	2,593	1/2	14,572	1/2	26,636	1/2	38,407	1/2	50,471	1/2	62,535	1/2	74,599	1/2	86,663	1/2	98,727	1/2	110,789
3/4	2,823	3/4	14,824	3/4	26,887	3/4	38,658	3/4	50,722	3/4	62,786	3/4	74,851	3/4	86,915	3/4	98,978	3/4	111,040
6	3,052	6	15,075	6	27,139	6	38,909	6	50,974	6	63,038	6	75,102	6	87,166	6	99,229	6	111,291
1/4	3,299	1/4	15,326	1/4	27,390	1/4	39,161	1/4	51,225	1/4	63,289	1/4	75,353	1/4	87,417	1/4	99,481	1/4	111,543
1/2	3,545	1/2	15,578	1/2	27,641	1/2	39,412	1/2	51,476	1/2	63,540	1/2	75,605	1/2	87,669	1/2	99,732	1/2	111,794
3/4	3,791	3/4	15,829	3/4	27,893	3/4	39,663	3/4	51,728	3/4	63,792	3/4	75,856	3/4	87,920	3/4	99,983	3/4	112,045
7	4,038	7	16,080	7	28,144	7	39,915	7	51,979	7	64,043	7	76,107	7	88,172	7	100,234	7	112,297
1/4	4,286	1/4	16,332	1/4	28,388	1/4	40,166	1/4	52,230	1/4	64,294	1/4	76,359	1/4	88,423	1/4	100,486	1/4	112,548
1/2	4,535	1/2	16,583	1/2	28,633	1/2	40,417	1/2	52,482	1/2	64,546	1/2	76,610	1/2	88,674	1/2	100,737	1/2	112,799
3/4	4,783	3/4	16,834	3/4	28,877	3/4	40,669	3/4	52,733	3/4	64,797	3/4	76,861	3/4	88,926	3/4	100,988	3/4	113,051
8	5,032	8	17,086	8	29,121	8	40,920	8	52,984	8	65,048	8	77,113	8	89,177	8	101,240	8	113,302
1/4	5,282	1/4	17,337	1/4	29,365	1/4	41,171	1/4	53,236	1/4	65,300	1/4	77,364	1/4	89,428	1/4	101,491	1/4	113,553
1/2	5,531	1/2	17,588	1/2	29,609	1/2	41,423	1/2	53,487	1/2	65,551	1/2	77,615	1/2	89,680	1/2	101,742	1/2	113,804
3/4	5,781	3/4	17,840	3/4	29,853	3/4	41,674	3/4	53,738	3/4	65,802	3/4	77,867	3/4	89,931	3/4	101,994	3/4	114,056
9	6,031	9	18,091	9	30,097	9	41,925	9	53,990	9	66,054	9	78,118	9	90,182	9	102,245	9	114,307
1/4	6,282	1/4	18,342	1/4	30,341	1/4	42,177	1/4	54,241	1/4	66,305	1/4	78,369	1/4	90,434	1/4	102,496	1/4	114,558
1/2	6,532	1/2	18,594	1/2	30,585	1/2	42,428	1/2	54,492	1/2	66,556	1/2	78,621	1/2	90,685	1/2	102,747	1/2	114,810
3/4	6,783	3/4	18,845	3/4	30,829	3/4	42,679	3/4	54,744	3/4	66,808	3/4	78,872	3/4	90,936	3/4	102,999	3/4	115,061
10	7,033	10	19,096	10	31,073	10	42,931	10	54,995	10	67,059	10	79,123	10	91,188	10	103,250	10	115,312
1/4	7,285	1/4	19,348	1/4	31,317	1/4	43,182	1/4	55,246	1/4	67,310	1/4	79,375	1/4	91,439	1/4	103,501	1/4	115,563
1/2	7,536	1/2	19,599	1/2	31,560	1/2	43,433	1/2	55,498	1/2	67,562	1/2	79,626	1/2	91,690	1/2	103,753	1/2	115,815
3/4	7,787	3/4	19,850	3/4	31,804	3/4	43,685	3/4	55,749	3/4	67,813	3/4	79,877	3/4	91,942	3/4	104,004	3/4	116,066
11	8,038	11	20,102	11	32,048	11	43,936	11	56,000	11	68,065	11	80,129	11	92,193	11	104,255	11	116,317
1/4	8,289	1/4	20,353	1/4	32,292	1/4	44,187	1/4	56,252	1/4	68,316	1/4	80,380	1/4	92,444	1/4	104,506	1/4	116,569
1/2	8,540	1/2	20,604	1/2	32,536	1/2	44,439	1/2	56,503	1/2	68,567	1/2	80,631	1/2	92,696	1/2	104,758	1/2	116,820
3/4	8,792	3/4	20,856	3/4	32,780	3/4	44,690	3/4	56,754	3/4	68,819	3/4	80,883	3/4	92,947	3/4	105,009	3/4	117,071

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

<http://www.pmacorp.net>



BARGE "CBC 1364"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,323	0	129,385	0	141,447	0	153,442	0	165,400	0		0		0		0		0	
1/4	117,574	1/4	129,636	1/4	141,697	1/4	153,692	1/4	165,648	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,825	1/2	129,887	1/2	141,947	1/2	153,942	1/2	165,895	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,076	3/4	130,139	3/4	142,196	3/4	154,192	3/4	166,143	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,328	1	130,390	1	142,446	1	154,441	1	166,390	1	1	1	1	1	1	1	1	1	1
1/4	118,579	1/4	130,641	1/4	142,696	1/4	154,691	1/4	166,638	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,830	1/2	130,892	1/2	142,946	1/2	154,941	1/2	166,885	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,082	3/4	131,144	3/4	143,196	3/4	155,191	3/4	167,133	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,333	2	131,395	2	143,446	2	155,441	2	167,381	2	2	2	2	2	2	2	2	2	2
1/4	119,584	1/4	131,646	1/4	143,696	1/4	155,691	1/4	167,607	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,835	1/2	131,898	1/2	143,946	1/2	155,941	1/2	167,834	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,087	3/4	132,149	3/4	144,196	3/4	156,191	3/4	168,061	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,338	3	132,400	3	144,446	3	156,441	3	168,287	3	3	3	3	3	3	3	3	3	3
1/4	120,589	1/4	132,651	1/4	144,695	1/4	156,690	1/4	168,472	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,841	1/2	132,903	1/2	144,945	1/2	156,940	1/2	168,657	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,092	3/4	133,154	3/4	145,195	3/4	157,190	3/4	168,841	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,343	4	133,405	4	145,445	4	157,440	4	169,026	4	4	4	4	4	4	4	4	4	4
1/4	121,595	1/4	133,657	1/4	145,695	1/4	157,690	1/4	169,169	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,846	1/2	133,908	1/2	145,945	1/2	157,940	1/2	169,312	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,097	3/4	134,159	3/4	146,195	3/4	158,190	3/4	169,455	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,348	5	134,411	5	146,445	5	158,440	5	169,598	5	5	5	5	5	5	5	5	5	5
1/4	122,600	1/4	134,662	1/4	146,695	1/4	158,690	1/4	169,699	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,851	1/2	134,913	1/2	146,944	1/2	158,940	1/2	169,800	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,102	3/4	135,164	3/4	147,194	3/4	159,189	3/4	169,901	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,354	6	135,416	6	147,444	6	159,439	6	170,002	6	6	6	6	6	6	6	6	6	6
1/4	123,605	1/4	135,667	1/4	147,694	1/4	159,689	1/4	170,061	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,856	1/2	135,918	1/2	147,944	1/2	159,939	1/2	170,120	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,107	3/4	136,170	3/4	148,194	3/4	160,189	3/4	170,179	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,359	7	136,421	7	148,444	7	160,439	7	170,238	7	7	7	7	7	7	7	7	7	7
1/4	124,610	1/4	136,672	1/4	148,694	1/4	160,689	1/4	170,255	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,861	1/2	136,923	1/2	148,944	1/2	160,939	1/2	170,272	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,113	3/4	137,175	3/4	149,194	3/4	161,189	3/4	170,289	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,364	8	137,426	8	149,443	8	161,439	8	170,307	8	8	8	8	8	8	8	8	8	8
1/4	125,615	1/4	137,677	1/4	149,693	1/4	161,686	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,867	1/2	137,929	1/2	149,943	1/2	161,934	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,118	3/4	138,180	3/4	150,193	3/4	162,181	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,369	9	138,431	9	150,443	9	162,429	9		9	9	9	9	9	9	9	9	9	9
1/4	126,620	1/4	138,683	1/4	150,693	1/4	162,676	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,872	1/2	138,934	1/2	150,943	1/2	162,924	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,123	3/4	139,185	3/4	151,193	3/4	163,172	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,374	10	139,436	10	151,443	10	163,419	10		10	10	10	10	10	10	10	10	10	10
1/4	127,626	1/4	139,688	1/4	151,693	1/4	163,667	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,877	1/2	139,939	1/2	151,942	1/2	163,914	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,128	3/4	140,190	3/4	152,192	3/4	164,162	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,379	11	140,442	11	152,442	11	164,410	11		11	11	11	11	11	11	11	11	11	11
1/4	128,631	1/4	140,693	1/4	152,692	1/4	164,657	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,882	1/2	140,944	1/2	152,942	1/2	164,905	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,133	3/4	141,195	3/4	153,192	3/4	165,152	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: 07/09/2013 CL SW
CALCULATED: 07/09/2013 CL
PRINTED: 07/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE "CBC 1364"

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	8,048	0	18,777	0	29,493	0	40,212	0	50,942	0	61,672	0	72,402	0	83,132	0	93,861
1/4	58	1/4	8,271	1/4	19,001	1/4	29,716	1/4	40,435	1/4	51,165	1/4	61,896	1/4	72,626	1/4	83,356	1/4	94,084
1/2	77	1/2	8,495	1/2	19,224	1/2	29,939	1/2	40,659	1/2	51,389	1/2	62,119	1/2	72,849	1/2	83,579	1/2	94,308
3/4	95	3/4	8,718	3/4	19,448	3/4	30,161	3/4	40,882	3/4	51,612	3/4	62,343	3/4	73,073	3/4	83,803	3/4	94,531
1	114	1	8,942	1	19,671	1	30,384	1	41,106	1	51,836	1	62,566	1	73,296	1	84,026	1	94,755
1/4	170	1/4	9,165	1/4	19,895	1/4	30,607	1/4	41,329	1/4	52,060	1/4	62,790	1/4	73,520	1/4	84,250	1/4	94,978
1/2	226	1/2	9,389	1/2	20,119	1/2	30,830	1/2	41,553	1/2	52,283	1/2	63,013	1/2	73,744	1/2	84,474	1/2	95,202
3/4	281	3/4	9,612	3/4	20,342	3/4	31,053	3/4	41,776	3/4	52,507	3/4	63,237	3/4	73,967	3/4	84,697	3/4	95,425
2	337	2	9,836	2	20,566	2	31,276	2	42,000	2	52,730	2	63,460	2	74,191	2	84,921	2	95,649
1/4	430	1/4	10,059	1/4	20,789	1/4	31,498	1/4	42,224	1/4	52,954	1/4	63,684	1/4	74,414	1/4	85,144	1/4	95,872
1/2	524	1/2	10,283	1/2	21,013	1/2	31,721	1/2	42,447	1/2	53,177	1/2	63,908	1/2	74,638	1/2	85,368	1/2	96,096
3/4	617	3/4	10,506	3/4	21,236	3/4	31,944	3/4	42,671	3/4	53,401	3/4	64,131	3/4	74,861	3/4	85,591	3/4	96,319
3	710	3	10,730	3	21,460	3	32,167	3	42,894	3	53,624	3	64,355	3	75,085	3	85,815	3	96,543
1/4	840	1/4	10,954	1/4	21,683	1/4	32,390	1/4	43,118	1/4	53,848	1/4	64,578	1/4	75,308	1/4	86,038	1/4	96,766
1/2	971	1/2	11,177	1/2	21,907	1/2	32,613	1/2	43,341	1/2	54,071	1/2	64,802	1/2	75,532	1/2	86,262	1/2	96,990
3/4	1,101	3/4	11,401	3/4	22,130	3/4	32,835	3/4	43,565	3/4	54,295	3/4	65,025	3/4	75,755	3/4	86,485	3/4	97,213
4	1,231	4	11,624	4	22,354	4	33,058	4	43,788	4	54,519	4	65,249	4	75,979	4	86,709	4	97,437
1/4	1,399	1/4	11,848	1/4	22,577	1/4	33,282	1/4	44,012	1/4	54,742	1/4	65,472	1/4	76,203	1/4	86,932	1/4	97,660
1/2	1,567	1/2	12,071	1/2	22,801	1/2	33,505	1/2	44,235	1/2	54,966	1/2	65,696	1/2	76,426	1/2	87,156	1/2	97,884
3/4	1,734	3/4	12,295	3/4	23,025	3/4	33,729	3/4	44,459	3/4	55,189	3/4	65,919	3/4	76,650	3/4	87,379	3/4	98,108
5	1,902	5	12,518	5	23,248	5	33,952	5	44,683	5	55,413	5	66,143	5	76,873	5	87,603	5	98,331
1/4	2,106	1/4	12,742	1/4	23,472	1/4	34,176	1/4	44,906	1/4	55,636	1/4	66,367	1/4	77,097	1/4	87,826	1/4	98,555
1/2	2,311	1/2	12,965	1/2	23,695	1/2	34,399	1/2	45,130	1/2	55,860	1/2	66,590	1/2	77,320	1/2	88,050	1/2	98,778
3/4	2,515	3/4	13,189	3/4	23,919	3/4	34,623	3/4	45,353	3/4	56,083	3/4	66,814	3/4	77,544	3/4	88,273	3/4	99,002
6	2,719	6	13,412	6	24,142	6	34,847	6	45,577	6	56,307	6	67,037	6	77,767	6	88,497	6	99,225
1/4	2,938	1/4	13,636	1/4	24,365	1/4	35,070	1/4	45,800	1/4	56,530	1/4	67,261	1/4	77,991	1/4	88,720	1/4	99,449
1/2	3,158	1/2	13,860	1/2	24,589	1/2	35,294	1/2	46,024	1/2	56,754	1/2	67,484	1/2	78,214	1/2	88,944	1/2	99,672
3/4	3,377	3/4	14,083	3/4	24,812	3/4	35,517	3/4	46,247	3/4	56,978	3/4	67,708	3/4	78,438	3/4	89,167	3/4	99,896
7	3,596	7	14,307	7	25,035	7	35,741	7	46,471	7	57,201	7	67,931	7	78,662	7	89,391	7	100,119
1/4	3,817	1/4	14,530	1/4	25,258	1/4	35,964	1/4	46,694	1/4	57,425	1/4	68,155	1/4	78,885	1/4	89,614	1/4	100,343
1/2	4,038	1/2	14,754	1/2	25,481	1/2	36,188	1/2	46,918	1/2	57,648	1/2	68,378	1/2	79,109	1/2	89,838	1/2	100,566
3/4	4,259	3/4	14,977	3/4	25,704	3/4	36,411	3/4	47,142	3/4	57,872	3/4	68,602	3/4	79,332	3/4	90,061	3/4	100,790
8	4,480	8	15,201	8	25,928	8	36,635	8	47,365	8	58,095	8	68,826	8	79,556	8	90,285	8	101,013
1/4	4,702	1/4	15,424	1/4	26,151	1/4	36,858	1/4	47,589	1/4	58,319	1/4	69,049	1/4	79,779	1/4	90,508	1/4	101,237
1/2	4,924	1/2	15,648	1/2	26,373	1/2	37,082	1/2	47,812	1/2	58,542	1/2	69,273	1/2	80,003	1/2	90,732	1/2	101,460
3/4	5,146	3/4	15,871	3/4	26,596	3/4	37,306	3/4	48,036	3/4	58,766	3/4	69,496	3/4	80,226	3/4	90,955	3/4	101,684
9	5,369	9	16,095	9	26,819	9	37,529	9	48,259	9	58,989	9	69,720	9	80,450	9	91,179	9	101,907
1/4	5,591	1/4	16,318	1/4	27,042	1/4	37,753	1/4	48,483	1/4	59,213	1/4	69,943	1/4	80,673	1/4	91,402	1/4	102,131
1/2	5,814	1/2	16,542	1/2	27,265	1/2	37,976	1/2	48,706	1/2	59,437	1/2	70,167	1/2	80,897	1/2	91,626	1/2	102,354
3/4	6,037	3/4	16,765	3/4	27,487	3/4	38,200	3/4	48,930	3/4	59,660	3/4	70,390	3/4	81,121	3/4	91,849	3/4	102,578
10	6,260	10	16,989	10	27,710	10	38,423	10	49,153	10	59,884	10	70,614	10	81,344	10	92,073	10	102,801
1/4	6,483	1/4	17,213	1/4	27,933	1/4	38,647	1/4	49,377	1/4	60,107	1/4	70,837	1/4	81,568	1/4	92,296	1/4	103,025
1/2	6,707	1/2	17,436	1/2	28,156	1/2	38,870	1/2	49,601	1/2	60,331	1/2	71,061	1/2	81,791	1/2	92,520	1/2	103,248
3/4	6,930	3/4	17,660	3/4	28,379	3/4	39,094	3/4	49,824	3/4	60,554	3/4	71,285	3/4	82,015	3/4	92,743	3/4	103,472
11	7,153	11	17,883	11	28,602	11	39,317	11	50,048	11	60,778	11	71,508	11	82,238	11	92,967	11	103,695
1/4	7,377	1/4	18,107	1/4	28,824	1/4	39,541	1/4	50,271	1/4	61,001	1/4	71,732	1/4	82,462	1/4	93,190	1/4	103,919
1/2	7,601	1/2	18,330	1/2	29,047	1/2	39,765	1/2	50,495	1/2	61,225	1/2	71,955	1/2	82,685	1/2	93,414	1/2	104,142
3/4	7,824	3/4	18,554	3/4	29,270	3/4	39,988	3/4	50,718	3/4	61,448	3/4	72,179	3/4	82,909	3/4	93,637	3/4	104,366

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.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1364"

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	104,589	0	115,318	0	126,046	0	136,716	0	147,352	0		0		0		0		0	
1/4	104,813	1/4	115,541	1/4	126,268	1/4	136,938	1/4	147,573	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,036	1/2	115,765	1/2	126,491	1/2	137,160	1/2	147,793	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,260	3/4	115,988	3/4	126,713	3/4	137,382	3/4	148,013	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,483	1	116,212	1	126,935	1	137,605	1	148,233	1	1	1	1	1	1	1	1	1	1
1/4	105,707	1/4	116,435	1/4	127,157	1/4	137,827	1/4	148,453	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,930	1/2	116,659	1/2	127,380	1/2	138,049	1/2	148,674	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,154	3/4	116,882	3/4	127,602	3/4	138,272	3/4	148,894	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,377	2	117,106	2	127,824	2	138,494	2	149,114	2	2	2	2	2	2	2	2	2	2
1/4	106,601	1/4	117,329	1/4	128,047	1/4	138,716	1/4	149,316	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,824	1/2	117,553	1/2	128,269	1/2	138,938	1/2	149,517	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,048	3/4	117,776	3/4	128,491	3/4	139,161	3/4	149,719	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,271	3	118,000	3	128,713	3	139,383	3	149,921	3	3	3	3	3	3	3	3	3	3
1/4	107,495	1/4	118,223	1/4	128,936	1/4	139,605	1/4	150,085	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,718	1/2	118,447	1/2	129,158	1/2	139,828	1/2	150,249	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,942	3/4	118,670	3/4	129,380	3/4	140,050	3/4	150,414	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,165	4	118,894	4	129,603	4	140,272	4	150,578	4	4	4	4	4	4	4	4	4	4
1/4	108,389	1/4	119,117	1/4	129,825	1/4	140,494	1/4	150,705	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,612	1/2	119,341	1/2	130,047	1/2	140,717	1/2	150,832	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,836	3/4	119,564	3/4	130,269	3/4	140,939	3/4	150,959	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,059	5	119,788	5	130,492	5	141,161	5	151,086	5	5	5	5	5	5	5	5	5	5
1/4	109,283	1/4	120,011	1/4	130,714	1/4	141,384	1/4	151,176	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,506	1/2	120,235	1/2	130,936	1/2	141,606	1/2	151,266	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,730	3/4	120,458	3/4	131,159	3/4	141,828	3/4	151,356	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,953	6	120,682	6	131,381	6	142,050	6	151,446	6	6	6	6	6	6	6	6	6	6
1/4	110,177	1/4	120,905	1/4	131,603	1/4	142,273	1/4	151,498	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,400	1/2	121,129	1/2	131,825	1/2	142,495	1/2	151,551	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,624	3/4	121,352	3/4	132,048	3/4	142,717	3/4	151,603	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,847	7	121,576	7	132,270	7	142,940	7	151,656	7	7	7	7	7	7	7	7	7	7
1/4	111,071	1/4	121,799	1/4	132,492	1/4	143,162	1/4	151,671	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,294	1/2	122,023	1/2	132,715	1/2	143,384	1/2	151,686	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,518	3/4	122,246	3/4	132,937	3/4	143,606	3/4	151,702	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,742	8	122,470	8	133,159	8	143,829	8	151,717	8	8	8	8	8	8	8	8	8	8
1/4	111,965	1/4	122,693	1/4	133,381	1/4	144,049	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,189	1/2	122,917	1/2	133,604	1/2	144,269	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,412	3/4	123,140	3/4	133,826	3/4	144,489	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,636	9	123,364	9	134,048	9	144,710	9		9	9	9	9	9	9	9	9	9	9
1/4	112,859	1/4	123,587	1/4	134,270	1/4	144,930	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,083	1/2	123,811	1/2	134,493	1/2	145,150	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,306	3/4	124,034	3/4	134,715	3/4	145,370	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,530	10	124,258	10	134,937	10	145,590	10	10	10	10	10	10	10	10	10	10	10	10
1/4	113,753	1/4	124,481	1/4	135,160	1/4	145,811	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,977	1/2	124,705	1/2	135,382	1/2	146,031	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,200	3/4	124,928	3/4	135,604	3/4	146,251	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,424	11	125,152	11	135,826	11	146,471	11		11	11	11	11	11	11	11	11	11	11
1/4	114,647	1/4	125,376	1/4	136,049	1/4	146,692	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,871	1/2	125,599	1/2	136,271	1/2	146,912	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,094	3/4	125,823	3/4	136,493	3/4	147,132	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: 07/09/2013 CL SW
CALCULATED: 07/09/2013 CL
PRINTED: 07/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE "CBC 1364"

ULLAGE TRIM TABLE

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

July 9, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 1364"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	147,279	0	139,978	0	130,555	0	121,118	0	111,662	0	101,123	0	90,359	0	79,595
1/4	1/4	1/4	1/4	1/4	147,263	1/4	139,782	1/4	130,359	1/4	120,921	1/4	111,465	1/4	100,899	1/4	90,135	1/4	79,371
1/2	1/2	1/2	1/2	1/2	147,247	1/2	139,585	1/2	130,163	1/2	120,724	1/2	111,268	1/2	100,675	1/2	89,911	1/2	79,146
3/4	3/4	3/4	3/4	3/4	147,231	3/4	139,389	3/4	129,968	3/4	120,527	3/4	111,071	3/4	100,450	3/4	89,687	3/4	78,922
1		1		1	147,215	1	139,192	1	129,772	1	120,330	1	110,875	1	100,226	1	89,462	1	78,698
1/4	1/4	1/4	1/4	1/4	147,161	1/4	138,995	1/4	129,576	1/4	120,133	1/4	110,678	1/4	100,002	1/4	89,238	1/4	78,473
1/2	1/2	1/2	1/2	1/2	147,108	1/2	138,799	1/2	129,380	1/2	119,936	1/2	110,481	1/2	99,778	1/2	89,014	1/2	78,249
3/4	3/4	3/4	3/4	3/4	147,054	3/4	138,602	3/4	129,184	3/4	119,739	3/4	110,284	3/4	99,553	3/4	88,790	3/4	78,025
2		2		2	147,001	2	138,406	2	128,988	2	119,541	2	110,087	2	99,329	2	88,565	2	77,801
1/4	1/4	1/4	1/4	1/4	146,910	1/4	138,209	1/4	128,792	1/4	119,344	1/4	109,863	1/4	99,105	1/4	88,341	1/4	77,576
1/2	1/2	1/2	1/2	1/2	146,819	1/2	138,013	1/2	128,595	1/2	119,147	1/2	109,639	1/2	98,881	1/2	88,117	1/2	77,352
3/4	3/4	3/4	3/4	3/4	146,728	3/4	137,816	3/4	128,399	3/4	118,950	3/4	109,415	3/4	98,656	3/4	87,893	3/4	77,128
3		3		3	146,637	3	137,620	3	128,202	3	118,753	3	109,191	3	98,432	3	87,668	3	76,904
1/4	1/4	1/4	1/4	1/4	146,508	1/4	137,423	1/4	128,006	1/4	118,556	1/4	108,967	1/4	98,208	1/4	87,444	1/4	76,680
1/2	1/2	1/2	1/2	1/2	146,380	1/2	137,227	1/2	127,809	1/2	118,359	1/2	108,743	1/2	97,984	1/2	87,220	1/2	76,456
3/4	3/4	3/4	3/4	3/4	146,251	3/4	137,030	3/4	127,613	3/4	118,162	3/4	108,519	3/4	97,759	3/4	86,996	3/4	76,233
4		4		4	146,123	4	136,833	4	127,416	4	117,965	4	108,295	4	97,535	4	86,771	4	76,009
1/4	1/4	1/4	1/4	1/4	145,957	1/4	136,637	1/4	127,219	1/4	117,768	1/4	108,071	1/4	97,311	1/4	86,547	1/4	75,787
1/2	1/2	1/2	1/2	1/2	145,791	1/2	136,440	1/2	127,023	1/2	117,571	1/2	107,847	1/2	97,087	1/2	86,323	1/2	75,564
3/4	3/4	3/4	3/4	3/4	145,625	3/4	136,244	3/4	126,826	3/4	117,374	3/4	107,623	3/4	96,862	3/4	86,099	3/4	75,341
5		5		5	145,459	5	136,047	5	126,630	5	117,177	5	107,399	5	96,638	5	85,874	5	75,118
1/4	1/4	1/4	1/4	1/4	145,256	1/4	135,851	1/4	126,433	1/4	116,980	1/4	107,175	1/4	96,414	1/4	85,650	1/4	74,895
1/2	1/2	1/2	1/2	1/2	145,052	1/2	135,654	1/2	126,237	1/2	116,782	1/2	106,951	1/2	96,190	1/2	85,426	1/2	74,672
3/4	3/4	3/4	3/4	3/4	144,849	3/4	135,458	3/4	126,040	3/4	116,585	3/4	106,727	3/4	95,965	3/4	85,202	3/4	74,450
6		6		6	144,646	6	135,261	6	125,844	6	116,388	6	106,503	6	95,741	6	84,977	6	74,227
1/4	1/4	1/4	1/4	1/4	144,451	1/4	135,064	1/4	125,647	1/4	116,191	1/4	106,279	1/4	95,517	1/4	84,753	1/4	74,004
1/2	1/2	1/2	1/2	1/2	144,257	1/2	134,868	1/2	125,450	1/2	115,994	1/2	106,055	1/2	95,293	1/2	84,529	1/2	73,781
3/4	3/4	3/4	3/4	3/4	144,062	3/4	134,671	3/4	125,254	3/4	115,797	3/4	105,831	3/4	95,069	3/4	84,305	3/4	73,558
7		7		7	143,868	7	134,475	7	125,057	7	115,600	7	105,607	7	94,844	7	84,080	7	73,335
1/4	1/4	1/4	1/4	1/4	143,673	1/4	134,278	1/4	124,861	1/4	115,403	1/4	105,383	1/4	94,620	1/4	83,856	1/4	73,113
1/2	1/2	1/2	1/2	1/2	143,479	1/2	134,082	1/2	124,664	1/2	115,206	1/2	105,159	1/2	94,396	1/2	83,632	1/2	72,890
3/4	3/4	3/4	3/4	3/4	143,284	3/4	133,885	3/4	124,468	3/4	115,009	3/4	104,935	3/4	94,172	3/4	83,408	3/4	72,667
8		8		8	143,090	8	133,689	8	124,271	8	114,812	8	104,711	8	93,947	8	83,183	8	72,444
1/4	1/4	1/4	1/4	1/4	142,895	1/4	133,493	1/4	124,074	1/4	114,615	1/4	104,487	1/4	93,723	1/4	82,959	1/4	72,221
1/2	1/2	1/2	1/2	1/2	142,701	1/2	133,297	1/2	123,877	1/2	114,418	1/2	104,263	1/2	93,499	1/2	82,735	1/2	71,998
3/4	3/4	3/4	3/4	3/4	142,506	3/4	133,101	3/4	123,680	3/4	114,221	3/4	104,038	3/4	93,275	3/4	82,511	3/4	71,776
9		9		9	142,312	9	132,905	9	123,483	9	114,024	9	103,814	9	93,050	9	82,286	9	71,553
1/4	1/4	1/4	1/4	1/4	142,117	1/4	132,709	1/4	123,286	1/4	113,827	1/4	103,590	1/4	92,826	1/4	82,062	1/4	71,330
1/2	1/2	1/2	1/2	1/2	141,923	1/2	132,514	1/2	123,089	1/2	113,631	1/2	103,366	1/2	92,602	1/2	81,838	1/2	71,107
3/4	3/4	3/4	3/4	3/4	141,728	3/4	132,318	3/4	122,892	3/4	113,434	3/4	103,141	3/4	92,378	3/4	81,613	3/4	70,884
10		10		10	141,534	10	132,122	10	122,695	10	113,237	10	102,917	10	92,153	10	81,389	10	70,661
1/4	1/4	1/4	1/4	1/4	141,340	1/4	131,926	1/4	122,498	1/4	113,040	1/4	102,693	1/4	91,929	1/4	81,165	1/4	70,439
1/2	1/2	1/2	1/2	1/2	141,145	1/2	131,730	1/2	122,300	1/2	112,843	1/2	102,469	1/2	91,705	1/2	80,941	1/2	70,216
3/4	3/4	3/4	3/4	3/4	140,951	3/4	131,534	3/4	122,103	3/4	112,646	3/4	102,244	3/4	91,481	3/4	80,716	3/4	69,993
11		11		11	140,756	11	131,338	11	121,906	11	112,449	11	102,020	11	91,256	11	80,492	11	69,770
1/4	1/4	1/4	1/4	1/4	140,562	1/4	131,143	1/4	121,709	1/4	112,253	1/4	101,796	1/4	91,032	1/4	80,268	1/4	69,547
1/2	1/2	1/2	1/2	1/2	140,367	1/2	130,947	1/2	121,512	1/2	112,056	1/2	101,572	1/2	90,808	1/2	80,043	1/2	69,323
3/4	3/4	3/4	3/4	3/4	140,173	3/4	130,751	3/4	121,315	3/4	111,859	3/4	101,347	3/4	90,584	3/4	79,819	3/4	69,099

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

<http://www.pmacorp.net>



BARGE "CBC 1364"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,876	0	58,120	0	47,359	0	36,599	0	26,024	0	15,284	0	4,504	0		0		0	
1/4	68,652	1/4	57,896	1/4	47,135	1/4	36,375	1/4	25,805	1/4	15,059	1/4	4,282	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,429	1/2	57,672	1/2	46,911	1/2	36,150	1/2	25,587	1/2	14,834	1/2	4,060	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,205	3/4	57,447	3/4	46,687	3/4	35,926	3/4	25,368	3/4	14,609	3/4	3,837	3/4	3/4	3/4	3/4	3/4	3/4
1	67,981	1	57,223	1	46,463	1	35,702	1	25,149	1	14,385	1	3,615	1	1	1	1	1	1
1/4	67,758	1/4	56,999	1/4	46,238	1/4	35,478	1/4	24,930	1/4	14,160	1/4	3,395	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,534	1/2	56,775	1/2	46,014	1/2	35,254	1/2	24,712	1/2	13,935	1/2	3,175	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,311	3/4	56,551	3/4	45,790	3/4	35,029	3/4	24,493	3/4	13,710	3/4	2,954	3/4	3/4	3/4	3/4	3/4	3/4
2	67,087	2	56,326	2	45,566	2	34,805	2	24,274	2	13,486	2	2,734	2	2	2	2	2	2
1/4	66,863	1/4	56,102	1/4	45,342	1/4	34,581	1/4	24,049	1/4	13,261	1/4	2,529	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,639	1/2	55,878	1/2	45,118	1/2	34,357	1/2	23,825	1/2	13,036	1/2	2,323	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,415	3/4	55,654	3/4	44,893	3/4	34,133	3/4	23,600	3/4	12,811	3/4	2,118	3/4	3/4	3/4	3/4	3/4	3/4
3	66,190	3	55,430	3	44,669	3	33,909	3	23,375	3	12,587	3	1,912	3	3	3	3	3	3
1/4	65,966	1/4	55,206	1/4	44,445	1/4	33,684	1/4	23,150	1/4	12,362	1/4	1,744	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,742	1/2	54,981	1/2	44,221	1/2	33,460	1/2	22,926	1/2	12,137	1/2	1,575	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,518	3/4	54,757	3/4	43,997	3/4	33,236	3/4	22,701	3/4	11,912	3/4	1,407	3/4	3/4	3/4	3/4	3/4	3/4
4	65,294	4	54,533	4	43,772	4	33,012	4	22,476	4	11,688	4	1,238	4	4	4	4	4	4
1/4	65,069	1/4	54,309	1/4	43,548	1/4	32,793	1/4	22,251	1/4	11,463	1/4	1,107	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,845	1/2	54,085	1/2	43,324	1/2	32,575	1/2	22,027	1/2	11,238	1/2	976	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,621	3/4	53,860	3/4	43,100	3/4	32,357	3/4	21,802	3/4	11,013	3/4	845	3/4	3/4	3/4	3/4	3/4	3/4
5	64,397	5	53,636	5	42,876	5	32,138	5	21,577	5	10,788	5	714	5	5	5	5	5	5
1/4	64,173	1/4	53,412	1/4	42,652	1/4	31,920	1/4	21,352	1/4	10,564	1/4	620	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,949	1/2	53,188	1/2	42,427	1/2	31,702	1/2	21,127	1/2	10,339	1/2	527	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,724	3/4	52,964	3/4	42,203	3/4	31,483	3/4	20,903	3/4	10,114	3/4	433	3/4	3/4	3/4	3/4	3/4	3/4
6	63,500	6	52,740	6	41,979	6	31,265	6	20,678	6	9,889	6	339	6	6	6	6	6	6
1/4	63,276	1/4	52,515	1/4	41,755	1/4	31,047	1/4	20,453	1/4	9,665	1/4	283	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,052	1/2	52,291	1/2	41,531	1/2	30,828	1/2	20,228	1/2	9,440	1/2	227	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,828	3/4	52,067	3/4	41,306	3/4	30,610	3/4	20,004	3/4	9,215	3/4	171	3/4	3/4	3/4	3/4	3/4	3/4
7	62,603	7	51,843	7	41,082	7	30,391	7	19,779	7	8,990	7	115	7	7	7	7	7	7
1/4	62,379	1/4	51,619	1/4	40,858	1/4	30,173	1/4	19,554	1/4	8,766	1/4	96	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,155	1/2	51,395	1/2	40,634	1/2	29,955	1/2	19,329	1/2	8,541	1/2	77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,931	3/4	51,170	3/4	40,410	3/4	29,736	3/4	19,105	3/4	8,316	3/4	58	3/4	3/4	3/4	3/4	3/4	3/4
8	61,707	8	50,946	8	40,186	8	29,518	8	18,880	8	8,091	8	39	8	8	8	8	8	8
1/4	61,483	1/4	50,722	1/4	39,961	1/4	29,300	1/4	18,655	1/4	7,867	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,258	1/2	50,498	1/2	39,737	1/2	29,081	1/2	18,430	1/2	7,642	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,034	3/4	50,274	3/4	39,513	3/4	28,863	3/4	18,206	3/4	7,417	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,810	9	50,049	9	39,289	9	28,645	9	17,981	9	7,192	9		9	9	9	9	9	9
1/4	60,586	1/4	49,825	1/4	39,065	1/4	28,426	1/4	17,756	1/4	6,968	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,362	1/2	49,601	1/2	38,841	1/2	28,208	1/2	17,531	1/2	6,743	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,137	3/4	49,377	3/4	38,616	3/4	27,989	3/4	17,307	3/4	6,519	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,913	10	49,153	10	38,392	10	27,771	10	17,082	10	6,294	10		10	10	10	10	10	10
1/4	59,689	1/4	48,929	1/4	38,168	1/4	27,553	1/4	16,857	1/4	6,070	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,465	1/2	48,704	1/2	37,944	1/2	27,334	1/2	16,632	1/2	5,846	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,241	3/4	48,480	3/4	37,720	3/4	27,116	3/4	16,408	3/4	5,622	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	59,017	11	48,256	11	37,495	11	26,898	11	16,183	11	5,398	11		11	11	11	11	11	11
1/4	58,792	1/4	48,032	1/4	37,271	1/4	26,679	1/4	15,958	1/4	5,174	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,568	1/2	47,808	1/2	37,047	1/2	26,461	1/2	15,733	1/2	4,951	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,344	3/4	47,583	3/4	36,823	3/4	26,243	3/4	15,508	3/4	4,727	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2013 CL SW
CALCULATED: 07/09/2013 CL
PRINTED: 07/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE "CBC 1364"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

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	0	0	161,934	0	149,944	0	137,929	0	125,867	0	113,805	0	101,743	0	89,680	0
1/4	1/4	1/4	1/4	1/4	1/4	161,686	1/4	149,694	1/4	137,678	1/4	125,616	1/4	113,553	1/4	101,491	1/4	89,429	1/4
1/2	1/2	1/2	1/2	170,307	1/2	161,439	1/2	149,444	1/2	137,426	1/2	125,364	1/2	113,302	1/2	101,240	1/2	89,177	1/2
3/4	3/4	3/4	3/4	170,290	3/4	161,189	3/4	149,194	3/4	137,175	3/4	125,113	3/4	113,051	3/4	100,989	3/4	88,926	3/4
1	1	1	1	170,273	1	160,939	1	148,944	1	136,924	1	124,862	1	112,800	1	100,737	1	88,675	1
1/4	1/4	1/4	1/4	170,255	1/4	160,689	1/4	148,694	1/4	136,672	1/4	124,610	1/4	112,548	1/4	100,486	1/4	88,423	1/4
1/2	1/2	1/2	1/2	170,238	1/2	160,439	1/2	148,444	1/2	136,421	1/2	124,359	1/2	112,297	1/2	100,235	1/2	88,172	1/2
3/4	3/4	3/4	3/4	170,179	3/4	160,189	3/4	148,194	3/4	136,170	3/4	124,108	3/4	112,046	3/4	99,984	3/4	87,920	3/4
2	2	2	2	170,120	2	159,939	2	147,944	2	135,919	2	123,856	2	111,794	2	99,732	2	87,669	2
1/4	1/4	1/4	1/4	170,061	1/4	159,690	1/4	147,695	1/4	135,667	1/4	123,605	1/4	111,543	1/4	99,481	1/4	87,418	1/4
1/2	1/2	1/2	1/2	170,002	1/2	159,440	1/2	147,445	1/2	135,416	1/2	123,354	1/2	111,292	1/2	99,230	1/2	87,166	1/2
3/4	3/4	3/4	3/4	169,901	3/4	159,190	3/4	147,195	3/4	135,165	3/4	123,103	3/4	111,040	3/4	98,978	3/4	86,915	3/4
3	3	3	3	169,800	3	158,940	3	146,945	3	134,913	3	122,851	3	110,789	3	98,727	3	86,664	3
1/4	1/4	1/4	1/4	169,699	1/4	158,690	1/4	146,695	1/4	134,662	1/4	122,600	1/4	110,538	1/4	98,476	1/4	86,412	1/4
1/2	1/2	1/2	1/2	169,598	1/2	158,440	1/2	146,445	1/2	134,411	1/2	122,349	1/2	110,287	1/2	98,224	1/2	86,161	1/2
3/4	3/4	3/4	3/4	169,455	3/4	158,190	3/4	146,195	3/4	134,160	3/4	122,097	3/4	110,035	3/4	97,973	3/4	85,910	3/4
4	4	4	4	169,312	4	157,940	4	145,945	4	133,908	4	121,846	4	109,784	4	97,722	4	85,658	4
1/4	1/4	1/4	1/4	169,169	1/4	157,690	1/4	145,695	1/4	133,657	1/4	121,595	1/4	109,533	1/4	97,471	1/4	85,407	1/4
1/2	1/2	1/2	1/2	169,027	1/2	157,440	1/2	145,445	1/2	133,406	1/2	121,344	1/2	109,281	1/2	97,219	1/2	85,156	1/2
3/4	3/4	3/4	3/4	168,842	3/4	157,191	3/4	145,196	3/4	133,154	3/4	121,092	3/4	109,030	3/4	96,968	3/4	84,904	3/4
5	5	5	5	168,657	5	156,941	5	144,946	5	132,903	5	120,841	5	108,779	5	96,717	5	84,653	5
1/4	1/4	1/4	1/4	168,472	1/4	156,691	1/4	144,696	1/4	132,652	1/4	120,590	1/4	108,528	1/4	96,465	1/4	84,402	1/4
1/2	1/2	1/2	1/2	168,288	1/2	156,441	1/2	144,446	1/2	132,400	1/2	120,338	1/2	108,276	1/2	96,214	1/2	84,150	1/2
3/4	3/4	3/4	3/4	168,061	3/4	156,191	3/4	144,196	3/4	132,149	3/4	120,087	3/4	108,025	3/4	95,963	3/4	83,899	3/4
6	6	6	6	167,834	6	155,941	6	143,946	6	131,898	6	119,836	6	107,774	6	95,712	6	83,648	6
1/4	1/4	1/4	1/4	167,608	1/4	155,691	1/4	143,696	1/4	131,647	1/4	119,584	1/4	107,522	1/4	95,460	1/4	83,396	1/4
1/2	1/2	1/2	1/2	167,381	1/2	155,441	1/2	143,446	1/2	131,395	1/2	119,333	1/2	107,271	1/2	95,209	1/2	83,145	1/2
3/4	3/4	3/4	3/4	167,133	3/4	155,191	3/4	143,196	3/4	131,144	3/4	119,082	3/4	107,020	3/4	94,958	3/4	82,894	3/4
7	7	7	7	166,886	7	154,942	7	142,946	7	130,893	7	118,831	7	106,768	7	94,706	7	82,642	7
1/4	1/4	1/4	1/4	166,638	1/4	154,692	1/4	142,697	1/4	130,641	1/4	118,579	1/4	106,517	1/4	94,455	1/4	82,391	1/4
1/2	1/2	1/2	1/2	166,391	1/2	154,442	1/2	142,447	1/2	130,390	1/2	118,328	1/2	106,266	1/2	94,204	1/2	82,140	1/2
3/4	3/4	3/4	3/4	166,143	3/4	154,192	3/4	142,197	3/4	130,139	3/4	118,077	3/4	106,015	3/4	93,952	3/4	81,888	3/4
8	8	8	8	165,895	8	153,942	8	141,947	8	129,888	8	117,825	8	105,763	8	93,701	8	81,637	8
1/4	1/4	1/4	1/4	165,648	1/4	153,692	1/4	141,697	1/4	129,636	1/4	117,574	1/4	105,512	1/4	93,450	1/4	81,386	1/4
1/2	1/2	1/2	1/2	165,400	1/2	153,442	1/2	141,447	1/2	129,385	1/2	117,323	1/2	105,261	1/2	93,199	1/2	81,134	1/2
3/4	3/4	3/4	3/4	165,153	3/4	153,192	3/4	141,196	3/4	129,134	3/4	117,072	3/4	105,009	3/4	92,947	3/4	80,883	3/4
9	9	9	9	164,905	9	152,942	9	140,944	9	128,882	9	116,820	9	104,758	9	92,696	9	80,632	9
1/4	1/4	1/4	1/4	164,657	1/4	152,692	1/4	140,693	1/4	128,631	1/4	116,569	1/4	104,507	1/4	92,445	1/4	80,380	1/4
1/2	1/2	1/2	1/2	164,410	1/2	152,443	1/2	140,442	1/2	128,380	1/2	116,318	1/2	104,256	1/2	92,193	1/2	80,129	1/2
3/4	3/4	3/4	3/4	164,162	3/4	152,193	3/4	140,191	3/4	128,128	3/4	116,066	3/4	104,004	3/4	91,942	3/4	79,878	3/4
10	10	10	10	163,915	10	151,943	10	139,939	10	127,877	10	115,815	10	103,753	10	91,691	10	79,626	10
1/4	1/4	1/4	1/4	163,667	1/4	151,693	1/4	139,688	1/4	127,626	1/4	115,564	1/4	103,502	1/4	91,439	1/4	79,375	1/4
1/2	1/2	1/2	1/2	163,420	1/2	151,443	1/2	139,437	1/2	127,375	1/2	115,312	1/2	103,250	1/2	91,188	1/2	79,124	1/2
3/4	3/4	3/4	3/4	163,172	3/4	151,193	3/4	139,185	3/4	127,123	3/4	115,061	3/4	102,999	3/4	90,937	3/4	78,872	3/4
11	11	11	11	162,924	11	150,943	11	138,934	11	126,872	11	114,810	11	102,748	11	90,685	11	78,621	11
1/4	1/4	1/4	1/4	162,677	1/4	150,693	1/4	138,683	1/4	126,621	1/4	114,559	1/4	102,496	1/4	90,434	1/4	78,370	1/4
1/2	1/2	1/2	1/2	162,429	1/2	150,443	1/2	138,432	1/2	126,369	1/2	114,307	1/2	102,245	1/2	90,183	1/2	78,118	1/2
3/4	3/4	3/4	3/4	162,182	3/4	150,193	3/4	138,180	3/4	126,118	3/4	114,056	3/4	101,994	3/4	89,931	3/4	77,867	3/4

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

<http://www.pmacorp.net>



BARGE "CBC 1364"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	77,616	0	65,551	0	53,487	0	41,423	0	29,609	0	17,589	0	5,532	0		0		0	
1/4	77,364	1/4	65,300	1/4	53,236	1/4	41,172	1/4	29,365	1/4	17,337	1/4	5,282	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,113	1/2	65,049	1/2	52,985	1/2	40,920	1/2	29,122	1/2	17,086	1/2	5,032	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,862	3/4	64,797	3/4	52,733	3/4	40,669	3/4	28,877	3/4	16,835	3/4	4,784	3/4	3/4	3/4	3/4	3/4	3/4
1	76,610	1	64,546	1	52,482	1	40,418	1	28,633	1	16,583	1	4,535	1	1	1	1	1	1
1/4	76,359	1/4	64,295	1/4	52,231	1/4	40,166	1/4	28,389	1/4	16,332	1/4	4,287	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,108	1/2	64,043	1/2	51,979	1/2	39,915	1/2	28,144	1/2	16,081	1/2	4,038	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,856	3/4	63,792	3/4	51,728	3/4	39,664	3/4	27,893	3/4	15,829	3/4	3,792	3/4	3/4	3/4	3/4	3/4	3/4
2	75,605	2	63,541	2	51,477	2	39,412	2	27,642	2	15,578	2	3,545	2	2	2	2	2	2
1/4	75,354	1/4	63,289	1/4	51,225	1/4	39,161	1/4	27,390	1/4	15,327	1/4	3,299	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,102	1/2	63,038	1/2	50,974	1/2	38,910	1/2	27,139	1/2	15,075	1/2	3,053	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,851	3/4	62,787	3/4	50,723	3/4	38,658	3/4	26,888	3/4	14,824	3/4	2,823	3/4	3/4	3/4	3/4	3/4	3/4
3	74,600	3	62,535	3	50,471	3	38,407	3	26,636	3	14,573	3	2,593	3	3	3	3	3	3
1/4	74,348	1/4	62,284	1/4	50,220	1/4	38,156	1/4	26,385	1/4	14,321	1/4	2,364	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,097	1/2	62,033	1/2	49,969	1/2	37,904	1/2	26,134	1/2	14,070	1/2	2,134	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,846	3/4	61,781	3/4	49,717	3/4	37,660	3/4	25,882	3/4	13,819	3/4	1,945	3/4	3/4	3/4	3/4	3/4	3/4
4	73,594	4	61,530	4	49,466	4	37,416	4	25,631	4	13,567	4	1,757	4	4	4	4	4	4
1/4	73,343	1/4	61,279	1/4	49,215	1/4	37,171	1/4	25,380	1/4	13,316	1/4	1,568	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,092	1/2	61,027	1/2	48,963	1/2	36,927	1/2	25,128	1/2	13,065	1/2	1,380	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,840	3/4	60,776	3/4	48,712	3/4	36,683	3/4	24,877	3/4	12,813	3/4	1,233	3/4	3/4	3/4	3/4	3/4	3/4
5	72,589	5	60,525	5	48,461	5	36,439	5	24,626	5	12,562	5	1,087	5	5	5	5	5	5
1/4	72,338	1/4	60,273	1/4	48,209	1/4	36,195	1/4	24,374	1/4	12,311	1/4	940	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,086	1/2	60,022	1/2	47,958	1/2	35,951	1/2	24,123	1/2	12,059	1/2	793	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,835	3/4	59,771	3/4	47,706	3/4	35,708	3/4	23,872	3/4	11,808	3/4	689	3/4	3/4	3/4	3/4	3/4	3/4
6	71,584	6	59,519	6	47,455	6	35,464	6	23,620	6	11,557	6	584	6	6	6	6	6	6
1/4	71,332	1/4	59,268	1/4	47,204	1/4	35,220	1/4	23,369	1/4	11,305	1/4	479	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,081	1/2	59,017	1/2	46,952	1/2	34,976	1/2	23,118	1/2	11,054	1/2	375	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,830	3/4	58,765	3/4	46,701	3/4	34,732	3/4	22,866	3/4	10,803	3/4	312	3/4	3/4	3/4	3/4	3/4	3/4
7	70,578	7	58,514	7	46,450	7	34,488	7	22,615	7	10,551	7	249	7	7	7	7	7	7
1/4	70,327	1/4	58,263	1/4	46,198	1/4	34,244	1/4	22,364	1/4	10,300	1/4	186	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,076	1/2	58,011	1/2	45,947	1/2	34,000	1/2	22,113	1/2	10,049	1/2	123	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,824	3/4	57,760	3/4	45,696	3/4	33,756	3/4	21,861	3/4	9,797	3/4	102	3/4	3/4	3/4	3/4	3/4	3/4
8	69,573	8	57,509	8	45,444	8	33,512	8	21,610	8	9,546	8	81	8	8	8	8	8	8
1/4	69,322	1/4	57,257	1/4	45,193	1/4	33,268	1/4	21,359	1/4	9,295	1/4	61	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,070	1/2	57,006	1/2	44,942	1/2	33,024	1/2	21,107	1/2	9,043	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,819	3/4	56,755	3/4	44,690	3/4	32,780	3/4	20,856	3/4	8,792	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	68,568	9	56,503	9	44,439	9	32,536	9	20,605	9	8,541	9		9	9	9	9	9	9
1/4	68,316	1/4	56,252	1/4	44,188	1/4	32,293	1/4	20,353	1/4	8,290	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,065	1/2	56,001	1/2	43,936	1/2	32,049	1/2	20,102	1/2	8,038	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,813	3/4	55,749	3/4	43,685	3/4	31,805	3/4	19,851	3/4	7,787	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,562	10	55,498	10	43,434	10	31,561	10	19,599	10	7,536	10		10	10	10	10	10	10
1/4	67,311	1/4	55,247	1/4	43,182	1/4	31,317	1/4	19,348	1/4	7,285	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,059	1/2	54,995	1/2	42,931	1/2	31,073	1/2	19,097	1/2	7,034	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,808	3/4	54,744	3/4	42,680	3/4	30,829	3/4	18,845	3/4	6,783	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,557	11	54,493	11	42,428	11	30,585	11	18,594	11	6,533	11		11	11	11	11	11	11
1/4	66,305	1/4	54,241	1/4	42,177	1/4	30,341	1/4	18,343	1/4	6,282	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,054	1/2	53,990	1/2	41,926	1/2	30,097	1/2	18,091	1/2	6,031	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,803	3/4	53,739	3/4	41,674	3/4	29,853	3/4	17,840	3/4	5,782	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2013 CL SW
CALCULATED: 07/09/2013 CL
PRINTED: 07/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE "CBC 1364"

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	144,930	0	134,270	0	123,587	0	112,859	0	102,131	0	91,402	0	80,673
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,710	1/4	134,048	1/4	123,364	1/4	112,635	1/4	101,907	1/4	91,179	1/4	80,450
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,489	1/2	133,826	1/2	123,140	1/2	112,412	1/2	101,684	1/2	90,955	1/2	80,226
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,269	3/4	133,604	3/4	122,917	3/4	112,188	3/4	101,460	3/4	90,732	3/4	80,003
1		1		1		1	144,049	1	133,381	1	122,693	1	111,965	1	101,237	1	90,508	1	79,779
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,717	1/4	143,829	1/4	133,159	1/4	122,470	1/4	111,741	1/4	101,013	1/4	90,285
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,702	1/2	143,606	1/2	132,937	1/2	122,246	1/2	111,518	1/2	100,790	1/2	90,061
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,686	3/4	143,384	3/4	132,714	3/4	122,023	3/4	111,294	3/4	100,566	3/4	89,838
2		2		2		2	151,671	2	143,162	2	132,492	2	121,799	2	111,071	2	100,343	2	89,614
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,656	1/4	142,939	1/4	132,270	1/4	121,576	1/4	110,847	1/4	100,119	1/4	89,391
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,603	1/2	142,717	1/2	132,048	1/2	121,352	1/2	110,624	1/2	99,896	1/2	89,167
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,551	3/4	142,495	3/4	131,825	3/4	121,129	3/4	110,400	3/4	99,672	3/4	88,944
3		3		3		3	151,498	3	142,273	3	131,603	3	120,905	3	110,177	3	99,449	3	88,720
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,445	1/4	142,050	1/4	131,381	1/4	120,682	1/4	109,953	1/4	99,225	1/4	88,497
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,356	1/2	141,828	1/2	131,158	1/2	120,458	1/2	109,730	1/2	99,001	1/2	88,273
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,266	3/4	141,606	3/4	130,936	3/4	120,235	3/4	109,506	3/4	98,778	3/4	88,050
4		4		4		4	151,176	4	141,383	4	130,714	4	120,011	4	109,283	4	98,554	4	87,826
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,086	1/4	141,161	1/4	130,492	1/4	119,788	1/4	109,059	1/4	98,331	1/4	87,603
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,959	1/2	140,939	1/2	130,269	1/2	119,564	1/2	108,836	1/2	98,107	1/2	87,379
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,832	3/4	140,717	3/4	130,047	3/4	119,341	3/4	108,612	3/4	97,884	3/4	87,156
5		5		5		5	150,705	5	140,494	5	129,825	5	119,117	5	108,389	5	97,660	5	86,932
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,578	1/4	140,272	1/4	129,603	1/4	118,894	1/4	108,165	1/4	97,437	1/4	86,709
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,414	1/2	140,050	1/2	129,380	1/2	118,670	1/2	107,942	1/2	97,213	1/2	86,485
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,249	3/4	139,828	3/4	129,158	3/4	118,447	3/4	107,718	3/4	96,990	3/4	86,262
6		6		6		6	150,085	6	139,605	6	128,936	6	118,223	6	107,495	6	96,766	6	86,038
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,920	1/4	139,383	1/4	128,713	1/4	118,000	1/4	107,271	1/4	96,543	1/4	85,815
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,719	1/2	139,161	1/2	128,491	1/2	117,776	1/2	107,048	1/2	96,319	1/2	85,591
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,517	3/4	138,938	3/4	128,269	3/4	117,553	3/4	106,824	3/4	96,096	3/4	85,367
7		7		7		7	149,316	7	138,716	7	128,047	7	117,329	7	106,601	7	95,872	7	85,144
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,114	1/4	138,494	1/4	127,824	1/4	117,106	1/4	106,377	1/4	95,649	1/4	84,920
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,894	1/2	138,272	1/2	127,602	1/2	116,882	1/2	106,154	1/2	95,425	1/2	84,697
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,674	3/4	138,049	3/4	127,380	3/4	116,659	3/4	105,930	3/4	95,202	3/4	84,473
8		8		8		8	148,453	8	137,827	8	127,157	8	116,435	8	105,707	8	94,978	8	84,250
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,233	1/4	137,605	1/4	126,935	1/4	116,212	1/4	105,483	1/4	94,755	1/4	84,026
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,013	1/2	137,382	1/2	126,713	1/2	115,988	1/2	105,260	1/2	94,531	1/2	83,803
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,793	3/4	137,160	3/4	126,491	3/4	115,765	3/4	105,036	3/4	94,308	3/4	83,579
9		9		9		9	147,572	9	136,938	9	126,268	9	115,541	9	104,813	9	94,084	9	83,356
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,352	1/4	136,716	1/4	126,046	1/4	115,318	1/4	104,589	1/4	93,861	1/4	83,132
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,132	1/2	136,493	1/2	125,822	1/2	115,094	1/2	104,366	1/2	93,637	1/2	82,909
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,912	3/4	136,271	3/4	125,599	3/4	114,871	3/4	104,142	3/4	93,414	3/4	82,685
10		10		10		10	146,692	10	136,049	10	125,375	10	114,647	10	103,919	10	93,190	10	82,462
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,471	1/4	135,826	1/4	125,152	1/4	114,424	1/4	103,695	1/4	92,967	1/4	82,238
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,251	1/2	135,604	1/2	124,928	1/2	114,200	1/2	103,472	1/2	92,743	1/2	82,015
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,031	3/4	135,382	3/4	124,705	3/4	113,977	3/4	103,248	3/4	92,520	3/4	81,791
11		11		11		11	145,811	11	135,160	11	124,481	11	113,753	11	103,025	11	92,296	11	81,568
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,590	1/4	134,937	1/4	124,258	1/4	113,530	1/4	102,801	1/4	92,073	1/4	81,344
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,370	1/2	134,715	1/2	124,034	1/2	113,306	1/2	102,578	1/2	91,849	1/2	81,121
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,150	3/4	134,493	3/4	123,811	3/4	113,083	3/4	102,354	3/4	91,626	3/4	80,897

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.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1364"

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	69,943	0	59,213	0	48,483	0	37,753	0	27,042	0	16,318	0	5,591	0		0		0	
1/4	69,720	1/4	58,989	1/4	48,259	1/4	37,529	1/4	26,819	1/4	16,095	1/4	5,368	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,496	1/2	58,766	1/2	48,036	1/2	37,305	1/2	26,596	1/2	15,871	1/2	5,146	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,273	3/4	58,542	3/4	47,812	3/4	37,082	3/4	26,373	3/4	15,648	3/4	4,924	3/4	3/4	3/4	3/4	3/4	3/4
1	69,049	1	58,319	1	47,589	1	36,858	1	26,150	1	15,424	1	4,702	1	1	1	1	1	1
1/4	68,825	1/4	58,095	1/4	47,365	1/4	36,635	1/4	25,928	1/4	15,201	1/4	4,480	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,602	1/2	57,872	1/2	47,142	1/2	36,411	1/2	25,704	1/2	14,977	1/2	4,259	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,378	3/4	57,648	3/4	46,918	3/4	36,188	3/4	25,481	3/4	14,754	3/4	4,038	3/4	3/4	3/4	3/4	3/4	3/4
2	68,155	2	57,425	2	46,694	2	35,964	2	25,258	2	14,530	2	3,817	2	2	2	2	2	2
1/4	67,931	1/4	57,201	1/4	46,471	1/4	35,741	1/4	25,035	1/4	14,307	1/4	3,596	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,708	1/2	56,978	1/2	46,247	1/2	35,517	1/2	24,812	1/2	14,083	1/2	3,377	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,484	3/4	56,754	3/4	46,024	3/4	35,294	3/4	24,589	3/4	13,859	3/4	3,157	3/4	3/4	3/4	3/4	3/4	3/4
3	67,261	3	56,530	3	45,800	3	35,070	3	24,365	3	13,636	3	2,938	3	3	3	3	3	3
1/4	67,037	1/4	56,307	1/4	45,577	1/4	34,846	1/4	24,142	1/4	13,412	1/4	2,719	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,814	1/2	56,083	1/2	45,353	1/2	34,623	1/2	23,919	1/2	13,189	1/2	2,515	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,590	3/4	55,860	3/4	45,130	3/4	34,399	3/4	23,695	3/4	12,965	3/4	2,311	3/4	3/4	3/4	3/4	3/4	3/4
4	66,366	4	55,636	4	44,906	4	34,176	4	23,472	4	12,742	4	2,106	4	4	4	4	4	4
1/4	66,143	1/4	55,413	1/4	44,683	1/4	33,952	1/4	23,248	1/4	12,518	1/4	1,902	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,919	1/2	55,189	1/2	44,459	1/2	33,729	1/2	23,024	1/2	12,295	1/2	1,734	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,696	3/4	54,966	3/4	44,235	3/4	33,505	3/4	22,801	3/4	12,071	3/4	1,567	3/4	3/4	3/4	3/4	3/4	3/4
5	65,472	5	54,742	5	44,012	5	33,282	5	22,577	5	11,848	5	1,399	5	5	5	5	5	5
1/4	65,249	1/4	54,519	1/4	43,788	1/4	33,058	1/4	22,354	1/4	11,624	1/4	1,231	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,025	1/2	54,295	1/2	43,565	1/2	32,835	1/2	22,130	1/2	11,401	1/2	1,101	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,802	3/4	54,071	3/4	43,341	3/4	32,612	3/4	21,907	3/4	11,177	3/4	971	3/4	3/4	3/4	3/4	3/4	3/4
6	64,578	6	53,848	6	43,118	6	32,390	6	21,683	6	10,953	6	840	6	6	6	6	6	6
1/4	64,355	1/4	53,624	1/4	42,894	1/4	32,167	1/4	21,460	1/4	10,730	1/4	710	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,131	1/2	53,401	1/2	42,671	1/2	31,944	1/2	21,236	1/2	10,506	1/2	617	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,907	3/4	53,177	3/4	42,447	3/4	31,721	3/4	21,013	3/4	10,283	3/4	524	3/4	3/4	3/4	3/4	3/4	3/4
7	63,684	7	52,954	7	42,223	7	31,498	7	20,789	7	10,059	7	430	7	7	7	7	7	7
1/4	63,460	1/4	52,730	1/4	42,000	1/4	31,275	1/4	20,566	1/4	9,836	1/4	337	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,237	1/2	52,507	1/2	41,776	1/2	31,053	1/2	20,342	1/2	9,612	1/2	281	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,013	3/4	52,283	3/4	41,553	3/4	30,830	3/4	20,118	3/4	9,389	3/4	226	3/4	3/4	3/4	3/4	3/4	3/4
8	62,790	8	52,060	8	41,329	8	30,607	8	19,895	8	9,165	8	170	8	8	8	8	8	8
1/4	62,566	1/4	51,836	1/4	41,106	1/4	30,384	1/4	19,671	1/4	8,942	1/4	114	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,343	1/2	51,612	1/2	40,882	1/2	30,161	1/2	19,448	1/2	8,718	1/2	95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,119	3/4	51,389	3/4	40,659	3/4	29,939	3/4	19,224	3/4	8,495	3/4	77	3/4	3/4	3/4	3/4	3/4	3/4
9	61,896	9	51,165	9	40,435	9	29,716	9	19,001	9	8,271	9	58	9	9	9	9	9	9
1/4	61,672	1/4	50,942	1/4	40,212	1/4	29,493	1/4	18,777	1/4	8,048	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,448	1/2	50,718	1/2	39,988	1/2	29,270	1/2	18,554	1/2	7,824	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,225	3/4	50,495	3/4	39,764	3/4	29,047	3/4	18,330	3/4	7,600	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	61,001	10	50,271	10	39,541	10	28,824	10	18,107	10	7,377	10	10	10	10	10	10	10	10
1/4	60,778	1/4	50,048	1/4	39,317	1/4	28,602	1/4	17,883	1/4	7,153	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,554	1/2	49,824	1/2	39,094	1/2	28,379	1/2	17,660	1/2	6,930	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,331	3/4	49,601	3/4	38,870	3/4	28,156	3/4	17,436	3/4	6,707	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	60,107	11	49,377	11	38,647	11	27,933	11	17,213	11	6,483	11	11	11	11	11	11	11	11
1/4	59,884	1/4	49,153	1/4	38,423	1/4	27,710	1/4	16,989	1/4	6,260	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,660	1/2	48,930	1/2	38,200	1/2	27,487	1/2	16,765	1/2	6,037	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,437	3/4	48,706	3/4	37,976	3/4	27,265	3/4	16,542	3/4	5,814	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: 07/09/2013 CL SW
CALCULATED: 07/09/2013 CL
PRINTED: 07/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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