



# BARGE "CBC 1363"

## INNAGE TRIM TABLE

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

June 13, 2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1363"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,086	0	18,869	0	29,500	0	40,162	0	50,916	0	61,670	0	72,401	0	83,134	0	93,892
1/4	58	1/4	8,311	1/4	19,093	1/4	29,719	1/4	40,386	1/4	51,140	1/4	61,894	1/4	72,624	1/4	83,359	1/4	94,116
1/2	77	1/2	8,536	1/2	19,318	1/2	29,937	1/2	40,610	1/2	51,364	1/2	62,118	1/2	72,847	1/2	83,583	1/2	94,340
3/4	95	3/4	8,760	3/4	19,542	3/4	30,155	3/4	40,834	3/4	51,588	3/4	62,343	3/4	73,070	3/4	83,807	3/4	94,564
1	114	1	8,985	1	19,767	1	30,373	1	41,058	1	51,812	1	62,567	1	73,292	1	84,031	1	94,789
1/4	170	1/4	9,209	1/4	19,992	1/4	30,592	1/4	41,282	1/4	52,036	1/4	62,791	1/4	73,515	1/4	84,255	1/4	95,013
1/2	226	1/2	9,434	1/2	20,216	1/2	30,810	1/2	41,506	1/2	52,260	1/2	63,015	1/2	73,738	1/2	84,479	1/2	95,237
3/4	283	3/4	9,659	3/4	20,441	3/4	31,028	3/4	41,730	3/4	52,484	3/4	63,239	3/4	73,960	3/4	84,703	3/4	95,461
2	339	2	9,883	2	20,666	2	31,246	2	41,954	2	52,708	2	63,463	2	74,183	2	84,927	2	95,685
1/4	432	1/4	10,108	1/4	20,890	1/4	31,465	1/4	42,178	1/4	52,933	1/4	63,687	1/4	74,406	1/4	85,152	1/4	95,909
1/2	526	1/2	10,333	1/2	21,115	1/2	31,683	1/2	42,402	1/2	53,157	1/2	63,911	1/2	74,629	1/2	85,376	1/2	96,133
3/4	620	3/4	10,557	3/4	21,339	3/4	31,901	3/4	42,626	3/4	53,381	3/4	64,135	3/4	74,851	3/4	85,600	3/4	96,357
3	713	3	10,782	3	21,564	3	32,119	3	42,850	3	53,605	3	64,359	3	75,074	3	85,824	3	96,581
1/4	844	1/4	11,006	1/4	21,789	1/4	32,338	1/4	43,074	1/4	53,829	1/4	64,583	1/4	75,297	1/4	86,048	1/4	96,806
1/2	975	1/2	11,231	1/2	22,013	1/2	32,556	1/2	43,298	1/2	54,053	1/2	64,807	1/2	75,519	1/2	86,272	1/2	97,030
3/4	1,106	3/4	11,456	3/4	22,238	3/4	32,774	3/4	43,523	3/4	54,277	3/4	65,031	3/4	75,742	3/4	86,496	3/4	97,254
4	1,237	4	11,680	4	22,463	4	32,992	4	43,747	4	54,501	4	65,255	4	75,965	4	86,720	4	97,478
1/4	1,406	1/4	11,905	1/4	22,687	1/4	33,216	1/4	43,971	1/4	54,725	1/4	65,479	1/4	76,188	1/4	86,944	1/4	97,702
1/2	1,574	1/2	12,130	1/2	22,912	1/2	33,440	1/2	44,195	1/2	54,949	1/2	65,703	1/2	76,411	1/2	87,169	1/2	97,926
3/4	1,742	3/4	12,354	3/4	23,136	3/4	33,664	3/4	44,419	3/4	55,173	3/4	65,927	3/4	76,635	3/4	87,393	3/4	98,150
5	1,911	5	12,579	5	23,361	5	33,888	5	44,643	5	55,397	5	66,151	5	76,858	5	87,617	5	98,374
1/4	2,116	1/4	12,804	1/4	23,586	1/4	34,112	1/4	44,867	1/4	55,621	1/4	66,375	1/4	77,082	1/4	87,841	1/4	98,599
1/2	2,321	1/2	13,028	1/2	23,810	1/2	34,337	1/2	45,091	1/2	55,845	1/2	66,599	1/2	77,307	1/2	88,065	1/2	98,823
3/4	2,527	3/4	13,253	3/4	24,035	3/4	34,561	3/4	45,315	3/4	56,069	3/4	66,824	3/4	77,531	3/4	88,289	3/4	99,047
6	2,732	6	13,477	6	24,260	6	34,785	6	45,539	6	56,293	6	67,048	6	77,755	6	88,513	6	99,271
1/4	2,952	1/4	13,702	1/4	24,478	1/4	35,009	1/4	45,763	1/4	56,517	1/4	67,271	1/4	77,979	1/4	88,737	1/4	99,495
1/2	3,172	1/2	13,927	1/2	24,697	1/2	35,233	1/2	45,987	1/2	56,741	1/2	67,494	1/2	78,203	1/2	88,962	1/2	99,719
3/4	3,393	3/4	14,151	3/4	24,915	3/4	35,457	3/4	46,211	3/4	56,965	3/4	67,718	3/4	78,427	3/4	89,186	3/4	99,943
7	3,613	7	14,376	7	25,134	7	35,681	7	46,435	7	57,189	7	67,941	7	78,651	7	89,410	7	100,167
1/4	3,835	1/4	14,601	1/4	25,353	1/4	35,905	1/4	46,659	1/4	57,413	1/4	68,165	1/4	78,876	1/4	89,634	1/4	100,391
1/2	4,057	1/2	14,825	1/2	25,571	1/2	36,129	1/2	46,883	1/2	57,638	1/2	68,388	1/2	79,100	1/2	89,858	1/2	100,616
3/4	4,279	3/4	15,050	3/4	25,790	3/4	36,353	3/4	47,107	3/4	57,862	3/4	68,612	3/4	79,324	3/4	90,082	3/4	100,840
8	4,501	8	15,274	8	26,009	8	36,577	8	47,331	8	58,086	8	68,835	8	79,548	8	90,306	8	101,064
1/4	4,724	1/4	15,499	1/4	26,227	1/4	36,801	1/4	47,555	1/4	58,310	1/4	69,059	1/4	79,772	1/4	90,530	1/4	101,288
1/2	4,948	1/2	15,724	1/2	26,445	1/2	37,025	1/2	47,779	1/2	58,534	1/2	69,282	1/2	79,996	1/2	90,754	1/2	101,512
3/4	5,171	3/4	15,948	3/4	26,663	3/4	37,249	3/4	48,003	3/4	58,758	3/4	69,506	3/4	80,221	3/4	90,979	3/4	101,736
9	5,394	9	16,173	9	26,882	9	37,473	9	48,228	9	58,982	9	69,729	9	80,445	9	91,203	9	101,960
1/4	5,618	1/4	16,398	1/4	27,100	1/4	37,697	1/4	48,452	1/4	59,206	1/4	69,952	1/4	80,669	1/4	91,427	1/4	102,184
1/2	5,842	1/2	16,622	1/2	27,318	1/2	37,921	1/2	48,676	1/2	59,430	1/2	70,174	1/2	80,893	1/2	91,651	1/2	102,409
3/4	6,066	3/4	16,847	3/4	27,536	3/4	38,145	3/4	48,900	3/4	59,654	3/4	70,397	3/4	81,117	3/4	91,875	3/4	102,633
10	6,290	10	17,071	10	27,755	10	38,369	10	49,124	10	59,878	10	70,620	10	81,341	10	92,099	10	102,857
1/4	6,515	1/4	17,296	1/4	27,973	1/4	38,593	1/4	49,348	1/4	60,102	1/4	70,843	1/4	81,565	1/4	92,323	1/4	103,081
1/2	6,739	1/2	17,521	1/2	28,191	1/2	38,818	1/2	49,572	1/2	60,326	1/2	71,065	1/2	81,790	1/2	92,547	1/2	103,305
3/4	6,963	3/4	17,745	3/4	28,409	3/4	39,042	3/4	49,796	3/4	60,550	3/4	71,288	3/4	82,014	3/4	92,771	3/4	103,529
11	7,188	11	17,970	11	28,627	11	39,266	11	50,020	11	60,774	11	71,511	11	82,238	11	92,996	11	103,753
1/4	7,412	1/4	18,195	1/4	28,846	1/4	39,490	1/4	50,244	1/4	60,998	1/4	71,733	1/4	82,462	1/4	93,220	1/4	103,977
1/2	7,637	1/2	18,419	1/2	29,064	1/2	39,714	1/2	50,468	1/2	61,222	1/2	71,956	1/2	82,686	1/2	93,444	1/2	104,201
3/4	7,862	3/4	18,644	3/4	29,282	3/4	39,938	3/4	50,692	3/4	61,446	3/4	72,179	3/4	82,910	3/4	93,668	3/4	104,426

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 1363"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,650	0	114,744	0	124,198	0	133,610	0	143,006	0		0		0		0		0	
1/4	104,874	1/4	114,941	1/4	124,395	1/4	133,807	1/4	143,200	1/4		1/4		1/4		1/4		1/4	
1/2	105,097	1/2	115,138	1/2	124,591	1/2	134,003	1/2	143,395	1/2		1/2		1/2		1/2		1/2	
3/4	105,321	3/4	115,335	3/4	124,788	3/4	134,200	3/4	143,589	3/4		3/4		3/4		3/4		3/4	
1	105,545	1	115,532	1	124,984	1	134,396	1	143,783	1		1		1		1		1	
1/4	105,769	1/4	115,729	1/4	125,180	1/4	134,592	1/4	143,978	1/4		1/4		1/4		1/4		1/4	
1/2	105,993	1/2	115,926	1/2	125,377	1/2	134,789	1/2	144,172	1/2		1/2		1/2		1/2		1/2	
3/4	106,217	3/4	116,123	3/4	125,573	3/4	134,985	3/4	144,367	3/4		3/4		3/4		3/4		3/4	
2	106,441	2	116,320	2	125,770	2	135,182	2	144,561	2		2		2		2		2	
1/4	106,665	1/4	116,517	1/4	125,966	1/4	135,378	1/4	144,764	1/4		1/4		1/4		1/4		1/4	
1/2	106,888	1/2	116,714	1/2	126,163	1/2	135,575	1/2	144,967	1/2		1/2		1/2		1/2		1/2	
3/4	107,112	3/4	116,911	3/4	126,359	3/4	135,771	3/4	145,171	3/4		3/4		3/4		3/4		3/4	
3	107,336	3	117,108	3	126,556	3	135,967	3	145,374	3		3		3		3		3	
1/4	107,560	1/4	117,305	1/4	126,752	1/4	136,164	1/4	145,540	1/4		1/4		1/4		1/4		1/4	
1/2	107,784	1/2	117,502	1/2	126,948	1/2	136,360	1/2	145,706	1/2		1/2		1/2		1/2		1/2	
3/4	108,008	3/4	117,699	3/4	127,145	3/4	136,557	3/4	145,871	3/4		3/4		3/4		3/4		3/4	
4	108,232	4	117,896	4	127,341	4	136,753	4	146,037	4		4		4		4		4	
1/4	108,455	1/4	118,093	1/4	127,538	1/4	136,950	1/4	146,166	1/4		1/4		1/4		1/4		1/4	
1/2	108,679	1/2	118,290	1/2	127,734	1/2	137,146	1/2	146,294	1/2		1/2		1/2		1/2		1/2	
3/4	108,903	3/4	118,487	3/4	127,931	3/4	137,343	3/4	146,422	3/4		3/4		3/4		3/4		3/4	
5	109,127	5	118,684	5	128,127	5	137,539	5	146,551	5		5		5		5		5	
1/4	109,351	1/4	118,880	1/4	128,323	1/4	137,735	1/4	146,642	1/4		1/4		1/4		1/4		1/4	
1/2	109,575	1/2	119,077	1/2	128,520	1/2	137,932	1/2	146,733	1/2		1/2		1/2		1/2		1/2	
3/4	109,799	3/4	119,274	3/4	128,716	3/4	138,128	3/4	146,824	3/4		3/4		3/4		3/4		3/4	
6	110,023	6	119,471	6	128,913	6	138,325	6	146,914	6		6		6		6		6	
1/4	110,219	1/4	119,668	1/4	129,108	1/4	138,521	1/4	146,968	1/4		1/4		1/4		1/4		1/4	
1/2	110,416	1/2	119,865	1/2	129,304	1/2	138,718	1/2	147,021	1/2		1/2		1/2		1/2		1/2	
3/4	110,613	3/4	120,062	3/4	129,500	3/4	138,914	3/4	147,075	3/4		3/4		3/4		3/4		3/4	
7	110,810	7	120,259	7	129,696	7	139,110	7	147,128	7		7		7		7		7	
1/4	111,006	1/4	120,456	1/4	129,891	1/4	139,307	1/4	147,145	1/4		1/4		1/4		1/4		1/4	
1/2	111,203	1/2	120,653	1/2	130,087	1/2	139,503	1/2	147,161	1/2		1/2		1/2		1/2		1/2	
3/4	111,400	3/4	120,850	3/4	130,283	3/4	139,700	3/4	147,177	3/4		3/4		3/4		3/4		3/4	
8	111,596	8	121,047	8	130,479	8	139,896	8	147,193	8		8		8		8		8	
1/4	111,793	1/4	121,244	1/4	130,674	1/4	140,091	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,990	1/2	121,441	1/2	130,870	1/2	140,285	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,187	3/4	121,638	3/4	131,066	3/4	140,479	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,383	9	121,835	9	131,261	9	140,674	9		9		9		9		9		9	
1/4	112,580	1/4	122,032	1/4	131,457	1/4	140,868	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,777	1/2	122,229	1/2	131,653	1/2	141,062	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,974	3/4	122,426	3/4	131,849	3/4	141,257	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,170	10	122,623	10	132,044	10	141,451	10		10		10		10		10		10	
1/4	113,367	1/4	122,820	1/4	132,240	1/4	141,645	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,564	1/2	123,017	1/2	132,436	1/2	141,840	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,761	3/4	123,214	3/4	132,632	3/4	142,034	3/4		3/4		3/4		3/4		3/4		3/4	
11	113,957	11	123,410	11	132,827	11	142,229	11		11		11		11		11		11	
1/4	114,154	1/4	123,607	1/4	133,023	1/4	142,423	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,351	1/2	123,804	1/2	133,219	1/2	142,617	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,548	3/4	124,001	3/4	133,415	3/4	142,812	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2013 CL SW  
CALCULATED: 06/13/2013 CL  
PRINTED: 06/14/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2013

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



# BARGE "CBC 1363"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 1363"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2013 CL SW  
CALCULATED: 06/13/2013 CL  
PRINTED: 06/14/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2013

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



# BARGE "CBC 1363"

## 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	8,033	0	18,744	0	29,441	0	40,141	0	50,852	0	61,564	0	72,275	0	82,987	0	93,696
1/4	58	1/4	8,257	1/4	18,968	1/4	29,664	1/4	40,364	1/4	51,076	1/4	61,787	1/4	72,498	1/4	83,210	1/4	93,919
1/2	76	1/2	8,480	1/2	19,191	1/2	29,886	1/2	40,587	1/2	51,299	1/2	62,010	1/2	72,721	1/2	83,433	1/2	94,142
3/4	95	3/4	8,703	3/4	19,414	3/4	30,108	3/4	40,811	3/4	51,522	3/4	62,233	3/4	72,945	3/4	83,656	3/4	94,365
1	114	1	8,926	1	19,637	1	30,331	1	41,034	1	51,745	1	62,456	1	73,168	1	83,879	1	94,589
1/4	169	1/4	9,149	1/4	19,860	1/4	30,553	1/4	41,257	1/4	51,968	1/4	62,680	1/4	73,391	1/4	84,102	1/4	94,812
1/2	225	1/2	9,372	1/2	20,083	1/2	30,776	1/2	41,480	1/2	52,191	1/2	62,903	1/2	73,614	1/2	84,325	1/2	95,035
3/4	281	3/4	9,595	3/4	20,306	3/4	30,998	3/4	41,703	3/4	52,414	3/4	63,126	3/4	73,837	3/4	84,548	3/4	95,258
2	337	2	9,819	2	20,530	2	31,221	2	41,926	2	52,638	2	63,349	2	74,060	2	84,771	2	95,481
1/4	430	1/4	10,042	1/4	20,753	1/4	31,443	1/4	42,149	1/4	52,861	1/4	63,572	1/4	74,284	1/4	84,995	1/4	95,704
1/2	523	1/2	10,265	1/2	20,976	1/2	31,666	1/2	42,373	1/2	53,084	1/2	63,795	1/2	74,507	1/2	85,218	1/2	95,927
3/4	616	3/4	10,488	3/4	21,199	3/4	31,888	3/4	42,596	3/4	53,307	3/4	64,018	3/4	74,730	3/4	85,441	3/4	96,150
3	709	3	10,711	3	21,422	3	32,110	3	42,819	3	53,530	3	64,242	3	74,953	3	85,664	3	96,373
1/4	839	1/4	10,934	1/4	21,645	1/4	32,333	1/4	43,042	1/4	53,753	1/4	64,465	1/4	75,176	1/4	85,887	1/4	96,597
1/2	969	1/2	11,157	1/2	21,868	1/2	32,555	1/2	43,265	1/2	53,977	1/2	64,688	1/2	75,399	1/2	86,110	1/2	96,820
3/4	1,099	3/4	11,381	3/4	22,092	3/4	32,778	3/4	43,488	3/4	54,200	3/4	64,911	3/4	75,622	3/4	86,333	3/4	97,043
4	1,229	4	11,604	4	22,315	4	33,000	4	43,712	4	54,423	4	65,134	4	75,846	4	86,556	4	97,266
1/4	1,397	1/4	11,827	1/4	22,538	1/4	33,223	1/4	43,935	1/4	54,646	1/4	65,357	1/4	76,069	1/4	86,780	1/4	97,489
1/2	1,564	1/2	12,050	1/2	22,761	1/2	33,446	1/2	44,158	1/2	54,869	1/2	65,581	1/2	76,292	1/2	87,003	1/2	97,712
3/4	1,731	3/4	12,273	3/4	22,984	3/4	33,670	3/4	44,381	3/4	55,092	3/4	65,804	3/4	76,515	3/4	87,226	3/4	97,935
5	1,899	5	12,496	5	23,207	5	33,893	5	44,604	5	55,315	5	66,027	5	76,738	5	87,449	5	98,158
1/4	2,103	1/4	12,719	1/4	23,430	1/4	34,116	1/4	44,827	1/4	55,539	1/4	66,250	1/4	76,961	1/4	87,672	1/4	98,382
1/2	2,307	1/2	12,943	1/2	23,654	1/2	34,339	1/2	45,050	1/2	55,762	1/2	66,473	1/2	77,185	1/2	87,895	1/2	98,605
3/4	2,511	3/4	13,166	3/4	23,877	3/4	34,562	3/4	45,274	3/4	55,985	3/4	66,696	3/4	77,408	3/4	88,118	3/4	98,828
6	2,715	6	13,389	6	24,100	6	34,785	6	45,497	6	56,208	6	66,919	6	77,631	6	88,341	6	99,051
1/4	2,933	1/4	13,612	1/4	24,323	1/4	35,009	1/4	45,720	1/4	56,431	1/4	67,143	1/4	77,854	1/4	88,564	1/4	99,274
1/2	3,152	1/2	13,835	1/2	24,545	1/2	35,232	1/2	45,943	1/2	56,654	1/2	67,366	1/2	78,077	1/2	88,788	1/2	99,497
3/4	3,371	3/4	14,058	3/4	24,768	3/4	35,455	3/4	46,166	3/4	56,878	3/4	67,589	3/4	78,300	3/4	89,011	3/4	99,720
7	3,589	7	14,281	7	24,991	7	35,678	7	46,389	7	57,101	7	67,812	7	78,523	7	89,234	7	99,943
1/4	3,810	1/4	14,505	1/4	25,214	1/4	35,901	1/4	46,613	1/4	57,324	1/4	68,035	1/4	78,747	1/4	89,457	1/4	100,166
1/2	4,031	1/2	14,728	1/2	25,437	1/2	36,124	1/2	46,836	1/2	57,547	1/2	68,258	1/2	78,970	1/2	89,680	1/2	100,390
3/4	4,251	3/4	14,951	3/4	25,659	3/4	36,347	3/4	47,059	3/4	57,770	3/4	68,482	3/4	79,193	3/4	89,903	3/4	100,613
8	4,472	8	15,174	8	25,882	8	36,571	8	47,282	8	57,993	8	68,705	8	79,416	8	90,126	8	100,836
1/4	4,694	1/4	15,397	1/4	26,105	1/4	36,794	1/4	47,505	1/4	58,216	1/4	68,928	1/4	79,639	1/4	90,349	1/4	101,059
1/2	4,916	1/2	15,620	1/2	26,327	1/2	37,017	1/2	47,728	1/2	58,440	1/2	69,151	1/2	79,862	1/2	90,572	1/2	101,282
3/4	5,137	3/4	15,843	3/4	26,549	3/4	37,240	3/4	47,951	3/4	58,663	3/4	69,374	3/4	80,086	3/4	90,796	3/4	101,505
9	5,359	9	16,067	9	26,772	9	37,463	9	48,175	9	58,886	9	69,597	9	80,309	9	91,019	9	101,728
1/4	5,582	1/4	16,290	1/4	26,994	1/4	37,686	1/4	48,398	1/4	59,109	1/4	69,820	1/4	80,532	1/4	91,242	1/4	101,951
1/2	5,804	1/2	16,513	1/2	27,217	1/2	37,910	1/2	48,621	1/2	59,332	1/2	70,044	1/2	80,755	1/2	91,465	1/2	102,175
3/4	6,027	3/4	16,736	3/4	27,439	3/4	38,133	3/4	48,844	3/4	59,555	3/4	70,267	3/4	80,978	3/4	91,688	3/4	102,398
10	6,249	10	16,959	10	27,662	10	38,356	10	49,067	10	59,779	10	70,490	10	81,201	10	91,911	10	102,621
1/4	6,472	1/4	17,182	1/4	27,884	1/4	38,579	1/4	49,290	1/4	60,002	1/4	70,713	1/4	81,424	1/4	92,134	1/4	102,844
1/2	6,695	1/2	17,405	1/2	28,107	1/2	38,802	1/2	49,514	1/2	60,225	1/2	70,936	1/2	81,648	1/2	92,357	1/2	103,067
3/4	6,918	3/4	17,629	3/4	28,329	3/4	39,025	3/4	49,737	3/4	60,448	3/4	71,159	3/4	81,871	3/4	92,581	3/4	103,290
11	7,141	11	17,852	11	28,551	11	39,248	11	49,960	11	60,671	11	71,383	11	82,094	11	92,804	11	103,513
1/4	7,364	1/4	18,075	1/4	28,774	1/4	39,472	1/4	50,183	1/4	60,894	1/4	71,606	1/4	82,317	1/4	93,027	1/4	103,736
1/2	7,587	1/2	18,298	1/2	28,996	1/2	39,695	1/2	50,406	1/2	61,117	1/2	71,829	1/2	82,540	1/2	93,250	1/2	103,959
3/4	7,810	3/4	18,521	3/4	29,219	3/4	39,918	3/4	50,629	3/4	61,341	3/4	72,052	3/4	82,763	3/4	93,473	3/4	104,183

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

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# BARGE "CBC 1363"

## 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	104,406	0	115,115	0	125,825	0	136,476	0	147,094	0		0		0		0		0	
1/4	104,629	1/4	115,338	1/4	126,047	1/4	136,698	1/4	147,314	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,852	1/2	115,561	1/2	126,269	1/2	136,919	1/2	147,533	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,075	3/4	115,785	3/4	126,490	3/4	137,141	3/4	147,753	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,298	1	116,008	1	126,712	1	137,363	1	147,973	1	1	1	1	1	1	1	1	1	1
1/4	105,521	1/4	116,231	1/4	126,934	1/4	137,585	1/4	148,193	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,744	1/2	116,454	1/2	127,156	1/2	137,807	1/2	148,413	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,967	3/4	116,677	3/4	127,378	3/4	138,029	3/4	148,633	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,191	2	116,900	2	127,600	2	138,251	2	148,852	2	2	2	2	2	2	2	2	2	2
1/4	106,414	1/4	117,123	1/4	127,822	1/4	138,473	1/4	149,054	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,637	1/2	117,346	1/2	128,044	1/2	138,695	1/2	149,255	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,860	3/4	117,570	3/4	128,266	3/4	138,916	3/4	149,456	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,083	3	117,793	3	128,488	3	139,138	3	149,657	3	3	3	3	3	3	3	3	3	3
1/4	107,306	1/4	118,016	1/4	128,709	1/4	139,360	1/4	149,821	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,529	1/2	118,239	1/2	128,931	1/2	139,582	1/2	149,985	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,752	3/4	118,462	3/4	129,153	3/4	139,804	3/4	150,150	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	107,976	4	118,685	4	129,375	4	140,026	4	150,314	4	4	4	4	4	4	4	4	4	4
1/4	108,199	1/4	118,908	1/4	129,597	1/4	140,248	1/4	150,440	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,422	1/2	119,131	1/2	129,819	1/2	140,470	1/2	150,567	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,645	3/4	119,354	3/4	130,041	3/4	140,692	3/4	150,694	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,868	5	119,578	5	130,263	5	140,913	5	150,821	5	5	5	5	5	5	5	5	5	5
1/4	109,091	1/4	119,801	1/4	130,485	1/4	141,135	1/4	150,911	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,314	1/2	120,024	1/2	130,706	1/2	141,357	1/2	151,000	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,537	3/4	120,247	3/4	130,928	3/4	141,579	3/4	151,090	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,760	6	120,470	6	131,150	6	141,801	6	151,180	6	6	6	6	6	6	6	6	6	6
1/4	109,984	1/4	120,693	1/4	131,372	1/4	142,023	1/4	151,232	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,207	1/2	120,916	1/2	131,594	1/2	142,245	1/2	151,285	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,430	3/4	121,139	3/4	131,816	3/4	142,467	3/4	151,337	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,653	7	121,362	7	132,038	7	142,689	7	151,390	7	7	7	7	7	7	7	7	7	7
1/4	110,876	1/4	121,586	1/4	132,260	1/4	142,911	1/4	151,405	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,099	1/2	121,809	1/2	132,482	1/2	143,132	1/2	151,420	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,322	3/4	122,032	3/4	132,703	3/4	143,354	3/4	151,435	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,545	8	122,255	8	132,925	8	143,576	8	151,451	8	8	8	8	8	8	8	8	8	8
1/4	111,768	1/4	122,478	1/4	133,147	1/4	143,796	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,992	1/2	122,701	1/2	133,369	1/2	144,016	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,215	3/4	122,924	3/4	133,591	3/4	144,236	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,438	9	123,147	9	133,813	9	144,456	9		9	9	9	9	9	9	9	9	9	9
1/4	112,661	1/4	123,371	1/4	134,035	1/4	144,675	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,884	1/2	123,594	1/2	134,257	1/2	144,895	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,107	3/4	123,817	3/4	134,479	3/4	145,115	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,330	10	124,040	10	134,700	10	145,335	10		10	10	10	10	10	10	10	10	10	10
1/4	113,553	1/4	124,263	1/4	134,922	1/4	145,555	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,777	1/2	124,486	1/2	135,144	1/2	145,775	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,000	3/4	124,709	3/4	135,366	3/4	145,994	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,223	11	124,932	11	135,588	11	146,214	11		11	11	11	11	11	11	11	11	11	11
1/4	114,446	1/4	125,155	1/4	135,810	1/4	146,434	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,669	1/2	125,379	1/2	136,032	1/2	146,654	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,892	3/4	125,602	3/4	136,254	3/4	146,874	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: 06/13/2013 CL SW  
CALCULATED: 06/13/2013 CL  
PRINTED: 06/14/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1363"

## ULLAGE TRIM TABLE

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

June 13, 2013

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

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# BARGE "CBC 1363"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	140,480	0	131,066	0	121,638	0	112,187	0	101,736	0	90,979	0	80,221
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,285	1/4	130,870	1/4	121,441	1/4	111,990	1/4	101,512	1/4	90,755	1/4	79,997
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,091	1/2	130,675	1/2	121,244	1/2	111,794	1/2	101,288	1/2	90,531	1/2	79,773
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,193	3/4	139,896	3/4	130,479	3/4	121,047	3/4	111,597	3/4	101,064	3/4	90,307
1		1		1		1	147,177	1	139,700	1	130,283	1	120,850	1	111,400	1	100,840	1	90,082
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,161	1/4	139,504	1/4	130,087	1/4	120,653	1/4	111,203	1/4	100,616	1/4	89,858
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,145	1/2	139,307	1/2	129,892	1/2	120,456	1/2	111,007	1/2	100,392	1/2	89,634
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,129	3/4	139,111	3/4	129,696	3/4	120,259	3/4	110,810	3/4	100,168	3/4	89,410
2		2		2		2	147,075	2	138,914	2	129,500	2	120,063	2	110,613	2	99,944	2	89,186
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,022	1/4	138,718	1/4	129,304	1/4	119,866	1/4	110,416	1/4	99,719	1/4	88,962
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,968	1/2	138,521	1/2	129,109	1/2	119,669	1/2	110,220	1/2	99,495	1/2	88,738
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,915	3/4	138,325	3/4	128,913	3/4	119,472	3/4	110,023	3/4	99,271	3/4	88,514
3		3		3		3	146,824	3	138,129	3	128,717	3	119,275	3	109,799	3	99,047	3	88,289
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,733	1/4	137,932	1/4	128,520	1/4	119,078	1/4	109,575	1/4	98,823	1/4	88,065
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,642	1/2	137,736	1/2	128,324	1/2	118,881	1/2	109,351	1/2	98,599	1/2	87,841
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,551	3/4	137,539	3/4	128,127	3/4	118,684	3/4	109,127	3/4	98,375	3/4	87,617
4		4		4		4	146,423	4	137,343	4	127,931	4	118,487	4	108,904	4	98,151	4	87,393
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,294	1/4	137,146	1/4	127,734	1/4	118,290	1/4	108,680	1/4	97,926	1/4	87,169
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,166	1/2	136,950	1/2	127,538	1/2	118,093	1/2	108,456	1/2	97,702	1/2	86,945
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,037	3/4	136,754	3/4	127,342	3/4	117,896	3/4	108,232	3/4	97,478	3/4	86,721
5		5		5		5	145,872	5	136,557	5	127,145	5	117,699	5	108,008	5	97,254	5	86,497
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,706	1/4	136,361	1/4	126,949	1/4	117,502	1/4	107,784	1/4	97,030	1/4	86,272
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,540	1/2	136,164	1/2	126,752	1/2	117,305	1/2	107,560	1/2	96,806	1/2	86,048
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,374	3/4	135,968	3/4	126,556	3/4	117,108	3/4	107,336	3/4	96,582	3/4	85,824
6		6		6		6	145,171	6	135,771	6	126,359	6	116,911	6	107,113	6	96,358	6	85,600
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,968	1/4	135,575	1/4	126,163	1/4	116,714	1/4	106,889	1/4	96,134	1/4	85,376
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,764	1/2	135,378	1/2	125,967	1/2	116,517	1/2	106,665	1/2	95,909	1/2	85,152
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,561	3/4	135,182	3/4	125,770	3/4	116,320	3/4	106,441	3/4	95,685	3/4	84,928
7		7		7		7	144,367	7	134,986	7	125,574	7	116,123	7	106,217	7	95,461	7	84,704
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,172	1/4	134,789	1/4	125,377	1/4	115,926	1/4	105,993	1/4	95,237	1/4	84,479
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,978	1/2	134,593	1/2	125,181	1/2	115,729	1/2	105,769	1/2	95,013	1/2	84,255
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,784	3/4	134,396	3/4	124,984	3/4	115,532	3/4	105,545	3/4	94,789	3/4	84,031
8		8		8		8	143,589	8	134,200	8	124,788	8	115,336	8	105,322	8	94,565	8	83,807
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,395	1/4	134,003	1/4	124,591	1/4	115,139	1/4	105,098	1/4	94,341	1/4	83,583
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,201	1/2	133,807	1/2	124,395	1/2	114,942	1/2	104,874	1/2	94,117	1/2	83,359
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,006	3/4	133,611	3/4	124,199	3/4	114,745	3/4	104,650	3/4	93,892	3/4	83,135
9		9		9		9	142,812	9	133,415	9	124,002	9	114,548	9	104,426	9	93,668	9	82,911
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,618	1/4	133,219	1/4	123,805	1/4	114,351	1/4	104,202	1/4	93,444	1/4	82,686
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,423	1/2	133,023	1/2	123,608	1/2	114,154	1/2	103,978	1/2	93,220	1/2	82,462
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,229	3/4	132,828	3/4	123,411	3/4	113,958	3/4	103,754	3/4	92,996	3/4	82,238
10		10		10		10	142,034	10	132,632	10	123,214	10	113,761	10	103,529	10	92,772	10	82,014
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,840	1/4	132,436	1/4	123,017	1/4	113,564	1/4	103,305	1/4	92,548	1/4	81,790
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,646	1/2	132,240	1/2	122,820	1/2	113,367	1/2	103,081	1/2	92,324	1/2	81,566
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,451	3/4	132,045	3/4	122,623	3/4	113,171	3/4	102,857	3/4	92,099	3/4	81,342
11		11		11		11	141,257	11	131,849	11	122,426	11	112,974	11	102,633	11	91,875	11	81,117
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,063	1/4	131,653	1/4	122,229	1/4	112,777	1/4	102,409	1/4	91,651	1/4	80,893
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,868	1/2	131,458	1/2	122,032	1/2	112,580	1/2	102,185	1/2	91,427	1/2	80,669
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,674	3/4	131,262	3/4	121,835	3/4	112,384	3/4	101,961	3/4	91,203	3/4	80,445

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 1363"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	69,506	0	58,758	0	48,004	0	37,249	0	26,664	0	15,949	0	5,171	0		0		0	
1/4	69,282	1/4	58,534	1/4	47,780	1/4	37,025	1/4	26,445	1/4	15,724	1/4	4,948	1/4	1/4		1/4		1/4
1/2	69,059	1/2	58,310	1/2	47,556	1/2	36,801	1/2	26,227	1/2	15,499	1/2	4,725	1/2	1/2		1/2		1/2
3/4	68,836	3/4	58,086	3/4	47,332	3/4	36,577	3/4	26,009	3/4	15,275	3/4	4,501	3/4	3/4		3/4		3/4
1	68,612	1	57,862	1	47,108	1	36,353	1	25,790	1	15,050	1	4,279	1	1		1		1
1/4	68,389	1/4	57,638	1/4	46,884	1/4	36,129	1/4	25,572	1/4	14,825	1/4	4,057	1/4	1/4		1/4		1/4
1/2	68,165	1/2	57,414	1/2	46,659	1/2	35,905	1/2	25,353	1/2	14,601	1/2	3,835	1/2	1/2		1/2		1/2
3/4	67,942	3/4	57,190	3/4	46,435	3/4	35,681	3/4	25,134	3/4	14,376	3/4	3,613	3/4	3/4		3/4		3/4
2	67,718	2	56,966	2	46,211	2	35,457	2	24,916	2	14,152	2	3,393	2	2		2		2
1/4	67,495	1/4	56,742	1/4	45,987	1/4	35,233	1/4	24,697	1/4	13,927	1/4	3,173	1/4	1/4		1/4		1/4
1/2	67,271	1/2	56,518	1/2	45,763	1/2	35,009	1/2	24,479	1/2	13,702	1/2	2,953	1/2	1/2		1/2		1/2
3/4	67,048	3/4	56,294	3/4	45,539	3/4	34,785	3/4	24,260	3/4	13,478	3/4	2,732	3/4	3/4		3/4		3/4
3	66,824	3	56,070	3	45,315	3	34,561	3	24,035	3	13,253	3	2,527	3	3		3		3
1/4	66,600	1/4	55,845	1/4	45,091	1/4	34,337	1/4	23,811	1/4	13,028	1/4	2,322	1/4	1/4		1/4		1/4
1/2	66,376	1/2	55,621	1/2	44,867	1/2	34,113	1/2	23,586	1/2	12,804	1/2	2,116	1/2	1/2		1/2		1/2
3/4	66,152	3/4	55,397	3/4	44,643	3/4	33,889	3/4	23,361	3/4	12,579	3/4	1,911	3/4	3/4		3/4		3/4
4	65,928	4	55,173	4	44,419	4	33,665	4	23,137	4	12,355	4	1,743	4	4		4		4
1/4	65,704	1/4	54,949	1/4	44,195	1/4	33,441	1/4	22,912	1/4	12,130	1/4	1,574	1/4	1/4		1/4		1/4
1/2	65,480	1/2	54,725	1/2	43,971	1/2	33,217	1/2	22,688	1/2	11,905	1/2	1,406	1/2	1/2		1/2		1/2
3/4	65,255	3/4	54,501	3/4	43,747	3/4	32,993	3/4	22,463	3/4	11,681	3/4	1,237	3/4	3/4		3/4		3/4
5	65,031	5	54,277	5	43,523	5	32,774	5	22,238	5	11,456	5	1,106	5	5		5		5
1/4	64,807	1/4	54,053	1/4	43,299	1/4	32,556	1/4	22,014	1/4	11,231	1/4	975	1/4	1/4		1/4		1/4
1/2	64,583	1/2	53,829	1/2	43,075	1/2	32,338	1/2	21,789	1/2	11,007	1/2	844	1/2	1/2		1/2		1/2
3/4	64,359	3/4	53,605	3/4	42,851	3/4	32,120	3/4	21,564	3/4	10,782	3/4	713	3/4	3/4		3/4		3/4
6	64,135	6	53,381	6	42,627	6	31,901	6	21,340	6	10,558	6	620	6	6		6		6
1/4	63,911	1/4	53,157	1/4	42,403	1/4	31,683	1/4	21,115	1/4	10,333	1/4	526	1/4	1/4		1/4		1/4
1/2	63,687	1/2	52,933	1/2	42,179	1/2	31,465	1/2	20,890	1/2	10,108	1/2	433	1/2	1/2		1/2		1/2
3/4	63,463	3/4	52,709	3/4	41,954	3/4	31,247	3/4	20,666	3/4	9,884	3/4	339	3/4	3/4		3/4		3/4
7	63,239	7	52,485	7	41,730	7	31,028	7	20,441	7	9,659	7	283	7	7		7		7
1/4	63,015	1/4	52,261	1/4	41,506	1/4	30,810	1/4	20,217	1/4	9,434	1/4	227	1/4	1/4		1/4		1/4
1/2	62,791	1/2	52,037	1/2	41,282	1/2	30,592	1/2	19,992	1/2	9,210	1/2	171	1/2	1/2		1/2		1/2
3/4	62,567	3/4	51,813	3/4	41,058	3/4	30,374	3/4	19,767	3/4	8,985	3/4	114	3/4	3/4		3/4		3/4
8	62,343	8	51,589	8	40,834	8	30,155	8	19,543	8	8,760	8	96	8	8		8		8
1/4	62,119	1/4	51,364	1/4	40,610	1/4	29,937	1/4	19,318	1/4	8,536	1/4	77	1/4	1/4		1/4		1/4
1/2	61,895	1/2	51,140	1/2	40,386	1/2	29,719	1/2	19,093	1/2	8,311	1/2	58	1/2	1/2		1/2		1/2
3/4	61,671	3/4	50,916	3/4	40,162	3/4	29,501	3/4	18,869	3/4	8,087	3/4	39	3/4	3/4		3/4		3/4
9	61,447	9	50,692	9	39,938	9	29,282	9	18,644	9	7,862	9		9	9		9		9
1/4	61,223	1/4	50,468	1/4	39,714	1/4	29,064	1/4	18,420	1/4	7,637	1/4		1/4	1/4		1/4		1/4
1/2	60,999	1/2	50,244	1/2	39,490	1/2	28,846	1/2	18,195	1/2	7,413	1/2		1/2	1/2		1/2		1/2
3/4	60,775	3/4	50,020	3/4	39,266	3/4	28,628	3/4	17,970	3/4	7,188	3/4		3/4	3/4		3/4		3/4
10	60,550	10	49,796	10	39,042	10	28,410	10	17,746	10	6,964	10		10	10		10		10
1/4	60,326	1/4	49,572	1/4	38,818	1/4	28,191	1/4	17,521	1/4	6,739	1/4		1/4	1/4		1/4		1/4
1/2	60,102	1/2	49,348	1/2	38,594	1/2	27,973	1/2	17,296	1/2	6,515	1/2		1/2	1/2		1/2		1/2
3/4	59,878	3/4	49,124	3/4	38,370	3/4	27,755	3/4	17,072	3/4	6,290	3/4		3/4	3/4		3/4		3/4
11	59,654	11	48,900	11	38,146	11	27,537	11	16,847	11	6,066	11		11	11		11		11
1/4	59,430	1/4	48,676	1/4	37,922	1/4	27,318	1/4	16,623	1/4	5,842	1/4		1/4	1/4		1/4		1/4
1/2	59,206	1/2	48,452	1/2	37,698	1/2	27,100	1/2	16,398	1/2	5,618	1/2		1/2	1/2		1/2		1/2
3/4	58,982	3/4	48,228	3/4	37,474	3/4	26,882	3/4	16,173	3/4	5,394	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2013 CL SW  
CALCULATED: 06/13/2013 CL  
PRINTED: 06/14/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1363"

## 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	162,762	0	150,772	0	138,755	0	126,687	0	114,619	0	102,550	0	90,481
1/4	1/4	1/4	1/4	1/4	1/4	1/4	162,514	1/4	150,522	1/4	138,504	1/4	126,436	1/4	114,367	1/4	102,299	1/4	90,230
1/2	1/2	1/2	1/2	1/2	1/2	1/2	162,266	1/2	150,272	1/2	138,252	1/2	126,184	1/2	114,116	1/2	102,047	1/2	89,978
3/4	3/4	3/4	3/4	3/4	3/4	3/4	162,019	3/4	150,022	3/4	138,001	3/4	125,933	3/4	113,864	3/4	101,796	3/4	89,727
1		1		1		1	161,771	1	149,772	1	137,750	1	125,681	1	113,613	1	101,544	1	89,475
1/4	1/4	1/4	1/4	1/4	1/4	1/4	170,396	1/4	161,523	1/4	149,522	1/4	137,498	1/4	125,430	1/4	113,361	1/4	101,293
1/2	1/2	1/2	1/2	1/2	1/2	1/2	170,379	1/2	161,273	1/2	149,272	1/2	137,247	1/2	125,178	1/2	113,110	1/2	101,042
3/4	3/4	3/4	3/4	3/4	3/4	3/4	170,362	3/4	161,023	3/4	149,022	3/4	136,995	3/4	124,927	3/4	112,859	3/4	100,790
2		2		2		2	170,344	2	160,773	2	148,772	2	136,744	2	124,676	2	112,607	2	100,539
1/4	1/4	1/4	1/4	1/4	1/4	1/4	170,327	1/4	160,523	1/4	148,522	1/4	136,493	1/4	124,424	1/4	112,356	1/4	100,287
1/2	1/2	1/2	1/2	1/2	1/2	1/2	170,268	1/2	160,273	1/2	148,272	1/2	136,241	1/2	124,173	1/2	112,104	1/2	100,036
3/4	3/4	3/4	3/4	3/4	3/4	3/4	170,209	3/4	160,023	3/4	148,022	3/4	135,990	3/4	123,921	3/4	111,853	3/4	99,784
3		3		3		3	170,150	3	159,773	3	147,772	3	135,738	3	123,670	3	111,601	3	99,533
1/4	1/4	1/4	1/4	1/4	1/4	1/4	170,091	1/4	159,523	1/4	147,522	1/4	135,487	1/4	123,418	1/4	111,350	1/4	99,282
1/2	1/2	1/2	1/2	1/2	1/2	1/2	169,990	1/2	159,273	1/2	147,272	1/2	135,235	1/2	123,167	1/2	111,099	1/2	99,030
3/4	3/4	3/4	3/4	3/4	3/4	3/4	169,889	3/4	159,023	3/4	147,022	3/4	134,984	3/4	122,916	3/4	110,847	3/4	98,779
4		4		4		4	169,788	4	158,773	4	146,772	4	134,733	4	122,664	4	110,596	4	98,527
1/4	1/4	1/4	1/4	1/4	1/4	1/4	169,687	1/4	158,523	1/4	146,522	1/4	134,481	1/4	122,413	1/4	110,344	1/4	98,276
1/2	1/2	1/2	1/2	1/2	1/2	1/2	169,544	1/2	158,273	1/2	146,272	1/2	134,230	1/2	122,161	1/2	110,093	1/2	98,024
3/4	3/4	3/4	3/4	3/4	3/4	3/4	169,401	3/4	158,023	3/4	146,022	3/4	133,978	3/4	121,910	3/4	109,841	3/4	97,773
5		5		5		5	169,258	5	157,773	5	145,771	5	133,727	5	121,658	5	109,590	5	97,522
1/4	1/4	1/4	1/4	1/4	1/4	1/4	169,115	1/4	157,523	1/4	145,521	1/4	133,475	1/4	121,407	1/4	109,339	1/4	97,270
1/2	1/2	1/2	1/2	1/2	1/2	1/2	168,930	1/2	157,273	1/2	145,271	1/2	133,224	1/2	121,156	1/2	109,087	1/2	97,019
3/4	3/4	3/4	3/4	3/4	3/4	3/4	168,745	3/4	157,023	3/4	145,021	3/4	132,973	3/4	120,904	3/4	108,836	3/4	96,767
6		6		6		6	168,560	6	156,773	6	144,771	6	132,721	6	120,653	6	108,584	6	96,516
1/4	1/4	1/4	1/4	1/4	1/4	1/4	168,375	1/4	156,523	1/4	144,521	1/4	132,470	1/4	120,401	1/4	108,333	1/4	96,264
1/2	1/2	1/2	1/2	1/2	1/2	1/2	168,149	1/2	156,273	1/2	144,271	1/2	132,218	1/2	120,150	1/2	108,081	1/2	96,013
3/4	3/4	3/4	3/4	3/4	3/4	3/4	167,922	3/4	156,023	3/4	144,021	3/4	131,967	3/4	119,898	3/4	107,830	3/4	95,762
7		7		7		7	167,695	7	155,773	7	143,771	7	131,715	7	119,647	7	107,579	7	95,510
1/4	1/4	1/4	1/4	1/4	1/4	1/4	167,468	1/4	155,523	1/4	143,521	1/4	131,464	1/4	119,396	1/4	107,327	1/4	95,259
1/2	1/2	1/2	1/2	1/2	1/2	1/2	167,221	1/2	155,273	1/2	143,271	1/2	131,213	1/2	119,144	1/2	107,076	1/2	95,007
3/4	3/4	3/4	3/4	3/4	3/4	3/4	166,973	3/4	155,023	3/4	143,021	3/4	130,961	3/4	118,893	3/4	106,824	3/4	94,756
8		8		8		8	166,725	8	154,772	8	142,771	8	130,710	8	118,641	8	106,573	8	94,504
1/4	1/4	1/4	1/4	1/4	1/4	1/4	166,478	1/4	154,522	1/4	142,521	1/4	130,458	1/4	118,390	1/4	106,321	1/4	94,253
1/2	1/2	1/2	1/2	1/2	1/2	1/2	166,230	1/2	154,272	1/2	142,271	1/2	130,207	1/2	118,138	1/2	106,070	1/2	94,002
3/4	3/4	3/4	3/4	3/4	3/4	3/4	165,982	3/4	154,022	3/4	142,021	3/4	129,955	3/4	117,887	3/4	105,819	3/4	93,750
9		9		9		9	165,734	9	153,772	9	141,771	9	129,704	9	117,636	9	105,567	9	93,499
1/4	1/4	1/4	1/4	1/4	1/4	1/4	165,487	1/4	153,522	1/4	141,521	1/4	129,453	1/4	117,384	1/4	105,316	1/4	93,247
1/2	1/2	1/2	1/2	1/2	1/2	1/2	165,239	1/2	153,272	1/2	141,270	1/2	129,201	1/2	117,133	1/2	105,064	1/2	92,996
3/4	3/4	3/4	3/4	3/4	3/4	3/4	164,991	3/4	153,022	3/4	141,018	3/4	128,950	3/4	116,881	3/4	104,813	3/4	92,744
10		10		10		10	164,744	10	152,772	10	140,767	10	128,698	10	116,630	10	104,562	10	92,493
1/4	1/4	1/4	1/4	1/4	1/4	1/4	164,496	1/4	152,522	1/4	140,515	1/4	128,447	1/4	116,378	1/4	104,310	1/4	92,241
1/2	1/2	1/2	1/2	1/2	1/2	1/2	164,248	1/2	152,272	1/2	140,264	1/2	128,195	1/2	116,127	1/2	104,059	1/2	91,990
3/4	3/4	3/4	3/4	3/4	3/4	3/4	164,000	3/4	152,022	3/4	140,012	3/4	127,944	3/4	115,876	3/4	103,807	3/4	91,739
11		11		11		11	163,753	11	151,772	11	139,761	11	127,693	11	115,624	11	103,556	11	91,487
1/4	1/4	1/4	1/4	1/4	1/4	1/4	163,505	1/4	151,522	1/4	139,510	1/4	127,441	1/4	115,373	1/4	103,304	1/4	91,236
1/2	1/2	1/2	1/2	1/2	1/2	1/2	163,257	1/2	151,272	1/2	139,258	1/2	127,190	1/2	115,121	1/2	103,053	1/2	90,984
3/4	3/4	3/4	3/4	3/4	3/4	3/4	163,010	3/4	151,022	3/4	139,007	3/4	126,938	3/4	114,870	3/4	102,802	3/4	90,733

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 1363"

## 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	78,411	0	66,340	0	54,270	0	42,199	0	30,357	0	18,352	0	6,285	0		0		0	
1/4	78,159	1/4	66,089	1/4	54,018	1/4	41,948	1/4	30,113	1/4	18,101	1/4	6,035	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,908	1/2	65,837	1/2	53,767	1/2	41,696	1/2	29,869	1/2	17,849	1/2	5,785	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,656	3/4	65,586	3/4	53,515	3/4	41,445	3/4	29,625	3/4	17,598	3/4	5,535	3/4	3/4	3/4	3/4	3/4	3/4
1	77,405	1	65,334	1	53,264	1	41,193	1	29,381	1	17,346	1	5,285	1	1	1	1	1	1
1/4	77,153	1/4	65,083	1/4	53,012	1/4	40,942	1/4	29,137	1/4	17,095	1/4	5,035	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,902	1/2	64,831	1/2	52,761	1/2	40,690	1/2	28,892	1/2	16,844	1/2	4,786	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,650	3/4	64,580	3/4	52,509	3/4	40,439	3/4	28,648	3/4	16,592	3/4	4,538	3/4	3/4	3/4	3/4	3/4	3/4
2	76,399	2	64,328	2	52,258	2	40,187	2	28,404	2	16,341	2	4,289	2	2	2	2	2	2
1/4	76,147	1/4	64,077	1/4	52,007	1/4	39,936	1/4	28,159	1/4	16,089	1/4	4,040	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,896	1/2	63,826	1/2	51,755	1/2	39,685	1/2	27,908	1/2	15,838	1/2	3,794	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,645	3/4	63,574	3/4	51,504	3/4	39,433	3/4	27,656	3/4	15,586	3/4	3,547	3/4	3/4	3/4	3/4	3/4	3/4
3	75,393	3	63,323	3	51,252	3	39,182	3	27,405	3	15,335	3	3,301	3	3	3	3	3	3
1/4	75,142	1/4	63,071	1/4	51,001	1/4	38,930	1/4	27,153	1/4	15,083	1/4	3,055	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,890	1/2	62,820	1/2	50,749	1/2	38,679	1/2	26,902	1/2	14,832	1/2	2,825	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,639	3/4	62,568	3/4	50,498	3/4	38,427	3/4	26,650	3/4	14,580	3/4	2,595	3/4	3/4	3/4	3/4	3/4	3/4
4	74,387	4	62,317	4	50,246	4	38,176	4	26,399	4	14,329	4	2,365	4	4	4	4	4	4
1/4	74,136	1/4	62,065	1/4	49,995	1/4	37,924	1/4	26,148	1/4	14,078	1/4	2,135	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,884	1/2	61,814	1/2	49,743	1/2	37,680	1/2	25,896	1/2	13,826	1/2	1,947	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,633	3/4	61,562	3/4	49,492	3/4	37,435	3/4	25,645	3/4	13,575	3/4	1,758	3/4	3/4	3/4	3/4	3/4	3/4
5	73,381	5	61,311	5	49,240	5	37,191	5	25,393	5	13,323	5	1,569	5	5	5	5	5	5
1/4	73,130	1/4	61,059	1/4	48,989	1/4	36,947	1/4	25,142	1/4	13,072	1/4	1,381	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,878	1/2	60,808	1/2	48,737	1/2	36,703	1/2	24,890	1/2	12,820	1/2	1,234	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,627	3/4	60,556	3/4	48,486	3/4	36,458	3/4	24,639	3/4	12,569	3/4	1,087	3/4	3/4	3/4	3/4	3/4	3/4
6	72,375	6	60,305	6	48,234	6	36,214	6	24,387	6	12,317	6	941	6	6	6	6	6	6
1/4	72,124	1/4	60,054	1/4	47,983	1/4	35,970	1/4	24,136	1/4	12,066	1/4	794	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,873	1/2	59,802	1/2	47,732	1/2	35,726	1/2	23,884	1/2	11,814	1/2	689	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,621	3/4	59,551	3/4	47,480	3/4	35,482	3/4	23,633	3/4	11,563	3/4	585	3/4	3/4	3/4	3/4	3/4	3/4
7	71,370	7	59,299	7	47,229	7	35,238	7	23,382	7	11,311	7	480	7	7	7	7	7	7
1/4	71,118	1/4	59,048	1/4	46,977	1/4	34,994	1/4	23,130	1/4	11,060	1/4	375	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,867	1/2	58,796	1/2	46,726	1/2	34,750	1/2	22,879	1/2	10,809	1/2	312	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,615	3/4	58,545	3/4	46,474	3/4	34,506	3/4	22,627	3/4	10,557	3/4	249	3/4	3/4	3/4	3/4	3/4	3/4
8	70,364	8	58,293	8	46,223	8	34,262	8	22,376	8	10,306	8	186	8	8	8	8	8	8
1/4	70,112	1/4	58,042	1/4	45,971	1/4	34,018	1/4	22,124	1/4	10,054	1/4	124	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,861	1/2	57,790	1/2	45,720	1/2	33,774	1/2	21,873	1/2	9,803	1/2	103	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,609	3/4	57,539	3/4	45,468	3/4	33,530	3/4	21,621	3/4	9,551	3/4	82	3/4	3/4	3/4	3/4	3/4	3/4
9	69,358	9	57,287	9	45,217	9	33,286	9	21,370	9	9,300	9	61	9	9	9	9	9	9
1/4	69,106	1/4	57,036	1/4	44,965	1/4	33,042	1/4	21,118	1/4	9,048	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,855	1/2	56,784	1/2	44,714	1/2	32,798	1/2	20,867	1/2	8,797	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,603	3/4	56,533	3/4	44,462	3/4	32,554	3/4	20,615	3/4	8,545	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	68,352	10	56,281	10	44,211	10	32,310	10	20,364	10	8,294	10	10	10	10	10	10	10	10
1/4	68,101	1/4	56,030	1/4	43,960	1/4	32,066	1/4	20,113	1/4	8,043	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,849	1/2	55,779	1/2	43,708	1/2	31,821	1/2	19,861	1/2	7,791	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,598	3/4	55,527	3/4	43,457	3/4	31,577	3/4	19,610	3/4	7,540	3/4	1/4	3/4	3/4	3/4	3/4	3/4	3/4
11	67,346	11	55,276	11	43,205	11	31,333	11	19,358	11	7,289	11	11	11	11	11	11	11	11
1/4	67,095	1/4	55,024	1/4	42,954	1/4	31,089	1/4	19,107	1/4	7,038	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,843	1/2	54,773	1/2	42,702	1/2	30,845	1/2	18,855	1/2	6,787	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,592	3/4	54,521	3/4	42,451	3/4	30,601	3/4	18,604	3/4	6,536	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: 06/13/2013 CL SW  
CALCULATED: 06/13/2013 CL  
PRINTED: 06/14/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2013

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



# BARGE "CBC 1363"

## 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	144,676	0	134,035	0	123,371	0	112,661	0	101,952	0	91,242	0	80,532
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,456	1/4	133,813	1/4	123,148	1/4	112,438	1/4	101,729	1/4	91,019	1/4	80,309
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,236	1/2	133,591	1/2	122,925	1/2	112,215	1/2	101,505	1/2	90,796	1/2	80,086
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,016	3/4	133,369	3/4	122,701	3/4	111,992	3/4	101,282	3/4	90,573	3/4	79,863
1		1		1		1	143,796	1	133,147	1	122,478	1	111,769	1	101,059	1	90,350	1	79,639
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,451	1/4	143,576	1/4	132,926	1/4	122,255	1/4	111,546	1/4	100,836	1/4	90,126
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,436	1/2	143,355	1/2	132,704	1/2	122,032	1/2	111,323	1/2	100,613	1/2	89,903
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,420	3/4	143,133	3/4	132,482	3/4	121,809	3/4	111,099	3/4	100,390	3/4	89,680
2		2		2		2	151,405	2	142,911	2	132,260	2	121,586	2	110,876	2	100,167	2	89,457
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,390	1/4	142,689	1/4	132,038	1/4	121,363	1/4	110,653	1/4	99,944	1/4	89,234
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,337	1/2	142,467	1/2	131,816	1/2	121,140	1/2	110,430	1/2	99,720	1/2	89,011
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,285	3/4	142,245	3/4	131,594	3/4	120,916	3/4	110,207	3/4	99,497	3/4	88,788
3		3		3		3	151,232	3	142,023	3	131,372	3	120,693	3	109,984	3	99,274	3	88,565
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,180	1/4	141,801	1/4	131,150	1/4	120,470	1/4	109,761	1/4	99,051	1/4	88,342
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,090	1/2	141,579	1/2	130,929	1/2	120,247	1/2	109,538	1/2	98,828	1/2	88,118
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,001	3/4	141,358	3/4	130,707	3/4	120,024	3/4	109,314	3/4	98,605	3/4	87,895
4		4		4		4	150,911	4	141,136	4	130,485	4	119,801	4	109,091	4	98,382	4	87,672
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,821	1/4	140,914	1/4	130,263	1/4	119,578	1/4	108,868	1/4	98,159	1/4	87,449
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,694	1/2	140,692	1/2	130,041	1/2	119,355	1/2	108,645	1/2	97,936	1/2	87,226
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,568	3/4	140,470	3/4	129,819	3/4	119,132	3/4	108,422	3/4	97,712	3/4	87,003
5		5		5		5	150,441	5	140,248	5	129,597	5	118,908	5	108,199	5	97,489	5	86,780
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,314	1/4	140,026	1/4	129,375	1/4	118,685	1/4	107,976	1/4	97,266	1/4	86,557
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,150	1/2	139,804	1/2	129,153	1/2	118,462	1/2	107,753	1/2	97,043	1/2	86,334
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,986	3/4	139,582	3/4	128,932	3/4	118,239	3/4	107,530	3/4	96,820	3/4	86,110
6		6		6		6	149,822	6	139,360	6	128,710	6	118,016	6	107,306	6	96,597	6	85,887
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,658	1/4	139,139	1/4	128,488	1/4	117,793	1/4	107,083	1/4	96,374	1/4	85,664
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,456	1/2	138,917	1/2	128,266	1/2	117,570	1/2	106,860	1/2	96,151	1/2	85,441
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,255	3/4	138,695	3/4	128,044	3/4	117,347	3/4	106,637	3/4	95,928	3/4	85,218
7		7		7		7	149,054	7	138,473	7	127,822	7	117,124	7	106,414	7	95,704	7	84,995
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,853	1/4	138,251	1/4	127,600	1/4	116,900	1/4	106,191	1/4	95,481	1/4	84,772
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,633	1/2	138,029	1/2	127,378	1/2	116,677	1/2	105,968	1/2	95,258	1/2	84,549
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,413	3/4	137,807	3/4	127,156	3/4	116,454	3/4	105,745	3/4	95,035	3/4	84,325
8		8		8		8	148,193	8	137,585	8	126,935	8	116,231	8	105,521	8	94,812	8	84,102
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,973	1/4	137,363	1/4	126,713	1/4	116,008	1/4	105,298	1/4	94,589	1/4	83,879
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,753	1/2	137,142	1/2	126,491	1/2	115,785	1/2	105,075	1/2	94,366	1/2	83,656
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,534	3/4	136,920	3/4	126,269	3/4	115,562	3/4	104,852	3/4	94,143	3/4	83,433
9		9		9		9	147,314	9	136,698	9	126,047	9	115,339	9	104,629	9	93,919	9	83,210
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,094	1/4	136,476	1/4	125,825	1/4	115,115	1/4	104,406	1/4	93,696	1/4	82,987
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,874	1/2	136,254	1/2	125,602	1/2	114,892	1/2	104,183	1/2	93,473	1/2	82,764
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,654	3/4	136,032	3/4	125,379	3/4	114,669	3/4	103,960	3/4	93,250	3/4	82,540
10		10		10		10	146,434	10	135,810	10	125,156	10	114,446	10	103,737	10	93,027	10	82,317
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,215	1/4	135,588	1/4	124,933	1/4	114,223	1/4	103,513	1/4	92,804	1/4	82,094
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,995	1/2	135,366	1/2	124,709	1/2	114,000	1/2	103,290	1/2	92,581	1/2	81,871
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,775	3/4	135,145	3/4	124,486	3/4	113,777	3/4	103,067	3/4	92,358	3/4	81,648
11		11		11		11	145,555	11	134,923	11	124,263	11	113,554	11	102,844	11	92,135	11	81,425
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,335	1/4	134,701	1/4	124,040	1/4	113,331	1/4	102,621	1/4	91,911	1/4	81,202
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,115	1/2	134,479	1/2	123,817	1/2	113,107	1/2	102,398	1/2	91,688	1/2	80,978
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,895	3/4	134,257	3/4	123,594	3/4	112,884	3/4	102,175	3/4	91,465	3/4	80,755

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

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# BARGE "CBC 1363"

## 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	69,821	0	59,109	0	48,398	0	37,687	0	26,995	0	16,290	0	5,582	0		0		0	
1/4	69,598	1/4	58,886	1/4	48,175	1/4	37,463	1/4	26,772	1/4	16,067	1/4	5,359	1/4	1/4		1/4		1/4
1/2	69,374	1/2	58,663	1/2	47,952	1/2	37,240	1/2	26,550	1/2	15,844	1/2	5,138	1/2	1/2		1/2		1/2
3/4	69,151	3/4	58,440	3/4	47,729	3/4	37,017	3/4	26,327	3/4	15,621	3/4	4,916	3/4	3/4		3/4		3/4
1	68,928	1	58,217	1	47,505	1	36,794	1	26,105	1	15,397	1	4,694	1	1		1		1
1/4	68,705	1/4	57,994	1/4	47,282	1/4	36,571	1/4	25,882	1/4	15,174	1/4	4,472	1/4	1/4		1/4		1/4
1/2	68,482	1/2	57,770	1/2	47,059	1/2	36,348	1/2	25,660	1/2	14,951	1/2	4,252	1/2	1/2		1/2		1/2
3/4	68,259	3/4	57,547	3/4	46,836	3/4	36,125	3/4	25,437	3/4	14,728	3/4	4,031	3/4	3/4		3/4		3/4
2	68,035	2	57,324	2	46,613	2	35,901	2	25,214	2	14,505	2	3,810	2	2		2		2
1/4	67,812	1/4	57,101	1/4	46,390	1/4	35,678	1/4	24,991	1/4	14,282	1/4	3,590	1/4	1/4		1/4		1/4
1/2	67,589	1/2	56,878	1/2	46,166	1/2	35,455	1/2	24,768	1/2	14,059	1/2	3,371	1/2	1/2		1/2		1/2
3/4	67,366	3/4	56,655	3/4	45,943	3/4	35,232	3/4	24,546	3/4	13,835	3/4	3,152	3/4	3/4		3/4		3/4
3	67,143	3	56,432	3	45,720	3	35,009	3	24,323	3	13,612	3	2,934	3	3		3		3
1/4	66,920	1/4	56,208	1/4	45,497	1/4	34,786	1/4	24,100	1/4	13,389	1/4	2,715	1/4	1/4		1/4		1/4
1/2	66,697	1/2	55,985	1/2	45,274	1/2	34,562	1/2	23,877	1/2	13,166	1/2	2,511	1/2	1/2		1/2		1/2
3/4	66,473	3/4	55,762	3/4	45,051	3/4	34,339	3/4	23,654	3/4	12,943	3/4	2,307	3/4	3/4		3/4		3/4
4	66,250	4	55,539	4	44,828	4	34,116	4	23,431	4	12,720	4	2,103	4	4		4		4
1/4	66,027	1/4	55,316	1/4	44,604	1/4	33,893	1/4	23,207	1/4	12,497	1/4	1,899	1/4	1/4		1/4		1/4
1/2	65,804	1/2	55,093	1/2	44,381	1/2	33,670	1/2	22,984	1/2	12,273	1/2	1,732	1/2	1/2		1/2		1/2
3/4	65,581	3/4	54,869	3/4	44,158	3/4	33,447	3/4	22,761	3/4	12,050	3/4	1,564	3/4	3/4		3/4		3/4
5	65,358	5	54,646	5	43,935	5	33,224	5	22,538	5	11,827	5	1,397	5	5		5		5
1/4	65,134	1/4	54,423	1/4	43,712	1/4	33,000	1/4	22,315	1/4	11,604	1/4	1,230	1/4	1/4		1/4		1/4
1/2	64,911	1/2	54,200	1/2	43,489	1/2	32,778	1/2	22,092	1/2	11,381	1/2	1,099	1/2	1/2		1/2		1/2
3/4	64,688	3/4	53,977	3/4	43,265	3/4	32,556	3/4	21,869	3/4	11,158	3/4	969	3/4	3/4		3/4		3/4
6	64,465	6	53,754	6	43,042	6	32,333	6	21,645	6	10,935	6	839	6	6		6		6
1/4	64,242	1/4	53,531	1/4	42,819	1/4	32,111	1/4	21,422	1/4	10,711	1/4	709	1/4	1/4		1/4		1/4
1/2	64,019	1/2	53,307	1/2	42,596	1/2	31,888	1/2	21,199	1/2	10,488	1/2	616	1/2	1/2		1/2		1/2
3/4	63,796	3/4	53,084	3/4	42,373	3/4	31,666	3/4	20,976	3/4	10,265	3/4	523	3/4	3/4		3/4		3/4
7	63,572	7	52,861	7	42,150	7	31,443	7	20,753	7	10,042	7	430	7	7		7		7
1/4	63,349	1/4	52,638	1/4	41,927	1/4	31,221	1/4	20,530	1/4	9,819	1/4	337	1/4	1/4		1/4		1/4
1/2	63,126	1/2	52,415	1/2	41,703	1/2	30,998	1/2	20,307	1/2	9,596	1/2	281	1/2	1/2		1/2		1/2
3/4	62,903	3/4	52,192	3/4	41,480	3/4	30,776	3/4	20,083	3/4	9,373	3/4	225	3/4	3/4		3/4		3/4
8	62,680	8	51,968	8	41,257	8	30,554	8	19,860	8	9,149	8	170	8	8		8		8
1/4	62,457	1/4	51,745	1/4	41,034	1/4	30,331	1/4	19,637	1/4	8,926	1/4	114	1/4	1/4		1/4		1/4
1/2	62,234	1/2	51,522	1/2	40,811	1/2	30,109	1/2	19,414	1/2	8,703	1/2	95	1/2	1/2		1/2		1/2
3/4	62,010	3/4	51,299	3/4	40,588	3/4	29,886	3/4	19,191	3/4	8,480	3/4	77	3/4	3/4		3/4		3/4
9	61,787	9	51,076	9	40,364	9	29,664	9	18,968	9	8,257	9	58	9	9		9		9
1/4	61,564	1/4	50,853	1/4	40,141	1/4	29,441	1/4	18,745	1/4	8,034	1/4	39	1/4	1/4		1/4		1/4
1/2	61,341	1/2	50,630	1/2	39,918	1/2	29,219	1/2	18,521	1/2	7,811	1/2		1/2	1/2		1/2		1/2
3/4	61,118	3/4	50,406	3/4	39,695	3/4	28,997	3/4	18,298	3/4	7,587	3/4		3/4	3/4		3/4		3/4
10	60,895	10	50,183	10	39,472	10	28,774	10	18,075	10	7,364	10	10	10			10		10
1/4	60,671	1/4	49,960	1/4	39,249	1/4	28,552	1/4	17,852	1/4	7,141	1/4	1/4	1/4			1/4		1/4
1/2	60,448	1/2	49,737	1/2	39,026	1/2	28,329	1/2	17,629	1/2	6,918	1/2	1/2	1/2			1/2		1/2
3/4	60,225	3/4	49,514	3/4	38,802	3/4	28,107	3/4	17,406	3/4	6,695	3/4	3/4	3/4			3/4		3/4
11	60,002	11	49,291	11	38,579	11	27,884	11	17,183	11	6,472	11	11	11			11		11
1/4	59,779	1/4	49,067	1/4	38,356	1/4	27,662	1/4	16,959	1/4	6,249	1/4	1/4	1/4			1/4		1/4
1/2	59,556	1/2	48,844	1/2	38,133	1/2	27,439	1/2	16,736	1/2	6,027	1/2	1/2	1/2			1/2		1/2
3/4	59,333	3/4	48,621	3/4	37,910	3/4	27,217	3/4	16,513	3/4	5,804	3/4	3/4	3/4			3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2013 CL SW  
CALCULATED: 06/13/2013 CL  
PRINTED: 06/14/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2013

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