



# BARGE "CBC 1387"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 01-0/8	01-0/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8	- 02-0/8	02-0/8
2 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-5/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 5/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

September 29, 2015

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

<http://www.pmacorp.net>



# BARGE "CBC 1387"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	8,026	0	18,726	0	29,413	0	40,102	0	50,804	0	61,505	0	72,206	0	82,907	0	93,606
1/4	58	1/4	8,249	1/4	19,949	1/4	29,635	1/4	40,325	1/4	51,026	1/4	61,728	1/4	72,429	1/4	83,130	1/4	93,829
1/2	76	1/2	8,472	1/2	19,172	1/2	29,857	1/2	40,548	1/2	51,249	1/2	61,950	1/2	72,652	1/2	83,353	1/2	94,052
3/4	95	3/4	8,694	3/4	19,395	3/4	30,080	3/4	40,771	3/4	51,472	3/4	62,173	3/4	72,874	3/4	83,575	3/4	94,275
1	114	1	8,917	1	19,618	1	30,302	1	40,994	1	51,695	1	62,396	1	73,097	1	83,798	1	94,498
1/4	169	1/4	9,140	1/4	19,841	1/4	30,524	1/4	41,217	1/4	51,918	1/4	62,619	1/4	73,320	1/4	84,021	1/4	94,720
1/2	225	1/2	9,363	1/2	20,064	1/2	30,746	1/2	41,440	1/2	52,141	1/2	62,842	1/2	73,543	1/2	84,244	1/2	94,943
3/4	281	3/4	9,586	3/4	20,287	3/4	30,968	3/4	41,663	3/4	52,364	3/4	63,065	3/4	73,766	3/4	84,467	3/4	95,166
2	336	2	9,809	2	20,510	2	31,191	2	41,886	2	52,587	2	63,288	2	73,989	2	84,690	2	95,389
1/4	429	1/4	10,032	1/4	20,733	1/4	31,413	1/4	42,109	1/4	52,810	1/4	63,511	1/4	74,212	1/4	84,913	1/4	95,612
1/2	522	1/2	10,255	1/2	20,956	1/2	31,635	1/2	42,332	1/2	53,033	1/2	63,734	1/2	74,435	1/2	85,136	1/2	95,835
3/4	615	3/4	10,478	3/4	21,179	3/4	31,857	3/4	42,555	3/4	53,256	3/4	63,957	3/4	74,658	3/4	85,359	3/4	96,058
3	708	3	10,701	3	21,401	3	32,080	3	42,778	3	53,479	3	64,180	3	74,881	3	85,582	3	96,281
1/4	838	1/4	10,924	1/4	21,624	1/4	32,302	1/4	43,001	1/4	53,702	1/4	64,403	1/4	75,104	1/4	85,804	1/4	96,504
1/2	968	1/2	11,147	1/2	21,847	1/2	32,524	1/2	43,224	1/2	53,925	1/2	64,626	1/2	75,327	1/2	86,027	1/2	96,727
3/4	1,098	3/4	11,370	3/4	22,070	3/4	32,746	3/4	43,447	3/4	54,148	3/4	64,849	3/4	75,550	3/4	86,250	3/4	96,950
4	1,228	4	11,593	4	22,293	4	32,968	4	43,669	4	54,371	4	65,072	4	75,773	4	86,473	4	97,172
1/4	1,395	1/4	11,816	1/4	22,516	1/4	33,191	1/4	43,892	1/4	54,593	1/4	65,295	1/4	75,996	1/4	86,696	1/4	97,395
1/2	1,562	1/2	12,038	1/2	22,739	1/2	33,414	1/2	44,115	1/2	54,816	1/2	65,517	1/2	76,219	1/2	86,919	1/2	97,618
3/4	1,730	3/4	12,261	3/4	22,962	3/4	33,637	3/4	44,338	3/4	55,039	3/4	65,740	3/4	76,441	3/4	87,142	3/4	97,841
5	1,897	5	12,484	5	23,185	5	33,860	5	44,561	5	55,262	5	65,963	5	76,664	5	87,365	5	98,064
1/4	2,101	1/4	12,707	1/4	23,408	1/4	34,083	1/4	44,784	1/4	55,485	1/4	66,186	1/4	76,887	1/4	87,588	1/4	98,287
1/2	2,304	1/2	12,930	1/2	23,631	1/2	34,306	1/2	45,007	1/2	55,708	1/2	66,409	1/2	77,110	1/2	87,811	1/2	98,510
3/4	2,508	3/4	13,153	3/4	23,854	3/4	34,529	3/4	45,230	3/4	55,931	3/4	66,632	3/4	77,333	3/4	88,033	3/4	98,733
6	2,712	6	13,376	6	24,077	6	34,752	6	45,453	6	56,154	6	66,855	6	77,556	6	88,256	6	98,956
1/4	2,930	1/4	13,599	1/4	24,299	1/4	34,975	1/4	45,676	1/4	56,377	1/4	67,078	1/4	77,779	1/4	88,479	1/4	99,179
1/2	3,149	1/2	13,822	1/2	24,522	1/2	35,198	1/2	45,899	1/2	56,600	1/2	67,301	1/2	78,002	1/2	88,702	1/2	99,401
3/4	3,367	3/4	14,045	3/4	24,744	3/4	35,421	3/4	46,122	3/4	56,823	3/4	67,524	3/4	78,225	3/4	88,925	3/4	99,624
7	3,586	7	14,268	7	24,967	7	35,644	7	46,345	7	57,046	7	67,747	7	78,448	7	89,148	7	99,847
1/4	3,806	1/4	14,491	1/4	25,190	1/4	35,867	1/4	46,568	1/4	57,269	1/4	67,970	1/4	78,671	1/4	89,371	1/4	100,070
1/2	4,027	1/2	14,714	1/2	25,412	1/2	36,090	1/2	46,791	1/2	57,492	1/2	68,193	1/2	78,894	1/2	89,594	1/2	100,293
3/4	4,247	3/4	14,937	3/4	25,635	3/4	36,312	3/4	47,014	3/4	57,715	3/4	68,416	3/4	79,117	3/4	89,817	3/4	100,516
8	4,468	8	15,159	8	25,857	8	36,535	8	47,236	8	57,938	8	68,639	8	79,340	8	90,040	8	100,739
1/4	4,689	1/4	15,382	1/4	26,079	1/4	36,758	1/4	47,459	1/4	58,160	1/4	68,862	1/4	79,563	1/4	90,262	1/4	100,962
1/2	4,911	1/2	15,605	1/2	26,302	1/2	36,981	1/2	47,682	1/2	58,383	1/2	69,085	1/2	79,786	1/2	90,485	1/2	101,185
3/4	5,132	3/4	15,828	3/4	26,524	3/4	37,204	3/4	47,905	3/4	58,606	3/4	69,307	3/4	80,009	3/4	90,708	3/4	101,408
9	5,354	9	16,051	9	26,746	9	37,427	9	48,128	9	58,829	9	69,530	9	80,231	9	90,931	9	101,630
1/4	5,576	1/4	16,274	1/4	26,968	1/4	37,650	1/4	48,351	1/4	59,052	1/4	69,753	1/4	80,454	1/4	91,154	1/4	101,853
1/2	5,799	1/2	16,497	1/2	27,191	1/2	37,873	1/2	48,574	1/2	59,275	1/2	69,976	1/2	80,677	1/2	91,377	1/2	102,076
3/4	6,021	3/4	16,720	3/4	27,413	3/4	38,096	3/4	48,797	3/4	59,498	3/4	70,199	3/4	80,900	3/4	91,600	3/4	102,299
10	6,243	10	16,943	10	27,635	10	38,319	10	49,020	10	59,721	10	70,422	10	81,123	10	91,823	10	102,522
1/4	6,466	1/4	17,166	1/4	27,857	1/4	38,542	1/4	49,243	1/4	59,944	1/4	70,645	1/4	81,346	1/4	92,046	1/4	102,745
1/2	6,689	1/2	17,389	1/2	28,079	1/2	38,765	1/2	49,466	1/2	60,167	1/2	70,868	1/2	81,569	1/2	92,269	1/2	102,968
3/4	6,911	3/4	17,612	3/4	28,302	3/4	38,988	3/4	49,689	3/4	60,390	3/4	71,091	3/4	81,792	3/4	92,491	3/4	103,191
11	7,134	11	17,835	11	28,524	11	39,211	11	49,912	11	60,613	11	71,314	11	82,015	11	92,714	11	103,414
1/4	7,357	1/4	18,058	1/4	28,746	1/4	39,434	1/4	50,135	1/4	60,836	1/4	71,537	1/4	82,238	1/4	92,937	1/4	103,637
1/2	7,580	1/2	18,280	1/2	28,968	1/2	39,657	1/2	50,358	1/2	61,059	1/2	71,760	1/2	82,461	1/2	93,160	1/2	103,859
3/4	7,803	3/4	18,503	3/4	29,191	3/4	39,880	3/4	50,581	3/4	61,282	3/4	71,983	3/4	82,684	3/4	93,383	3/4	104,082

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 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
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# BARGE "CBC 1387"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	104,305	0	115,005	0	125,704	0	136,344	0	146,952	0		0		0		0		0	
1/4	104,528	1/4	115,227	1/4	125,925	1/4	136,566	1/4	147,172	1/4		1/4		1/4		1/4		1/4	
1/2	104,751	1/2	115,450	1/2	126,147	1/2	136,788	1/2	147,391	1/2		1/2		1/2		1/2		1/2	
3/4	104,974	3/4	115,673	3/4	126,369	3/4	137,009	3/4	147,611	3/4		3/4		3/4		3/4		3/4	
1	105,197	1	115,896	1	126,590	1	137,231	1	147,831	1		1		1		1		1	
1/4	105,420	1/4	116,119	1/4	126,812	1/4	137,453	1/4	148,050	1/4		1/4		1/4		1/4		1/4	
1/2	105,643	1/2	116,342	1/2	127,034	1/2	137,674	1/2	148,270	1/2		1/2		1/2		1/2		1/2	
3/4	105,866	3/4	116,565	3/4	127,256	3/4	137,896	3/4	148,490	3/4		3/4		3/4		3/4		3/4	
2	106,088	2	116,788	2	127,477	2	138,118	2	148,709	2		2		2		2		2	
1/4	106,311	1/4	117,011	1/4	127,699	1/4	138,339	1/4	148,910	1/4		1/4		1/4		1/4		1/4	
1/2	106,534	1/2	117,234	1/2	127,921	1/2	138,561	1/2	149,111	1/2		1/2		1/2		1/2		1/2	
3/4	106,757	3/4	117,456	3/4	128,142	3/4	138,783	3/4	149,312	3/4		3/4		3/4		3/4		3/4	
3	106,980	3	117,679	3	128,364	3	139,005	3	149,513	3		3		3		3		3	
1/4	107,203	1/4	117,902	1/4	128,586	1/4	139,226	1/4	149,677	1/4		1/4		1/4		1/4		1/4	
1/2	107,426	1/2	118,125	1/2	128,807	1/2	139,448	1/2	149,841	1/2		1/2		1/2		1/2		1/2	
3/4	107,649	3/4	118,348	3/4	129,029	3/4	139,670	3/4	150,005	3/4		3/4		3/4		3/4		3/4	
4	107,872	4	118,571	4	129,251	4	139,891	4	150,169	4		4		4		4		4	
1/4	108,095	1/4	118,794	1/4	129,472	1/4	140,113	1/4	150,296	1/4		1/4		1/4		1/4		1/4	
1/2	108,317	1/2	119,017	1/2	129,694	1/2	140,335	1/2	150,423	1/2		1/2		1/2		1/2		1/2	
3/4	108,540	3/4	119,240	3/4	129,916	3/4	140,556	3/4	150,549	3/4		3/4		3/4		3/4		3/4	
5	108,763	5	119,463	5	130,137	5	140,778	5	150,676	5		5		5		5		5	
1/4	108,986	1/4	119,685	1/4	130,359	1/4	141,000	1/4	150,766	1/4		1/4		1/4		1/4		1/4	
1/2	109,209	1/2	119,908	1/2	130,581	1/2	141,221	1/2	150,855	1/2		1/2		1/2		1/2		1/2	
3/4	109,432	3/4	120,131	3/4	130,802	3/4	141,443	3/4	150,945	3/4		3/4		3/4		3/4		3/4	
6	109,655	6	120,354	6	131,024	6	141,665	6	151,034	6		6		6		6		6	
1/4	109,878	1/4	120,577	1/4	131,246	1/4	141,886	1/4	151,087	1/4		1/4		1/4		1/4		1/4	
1/2	110,101	1/2	120,800	1/2	131,467	1/2	142,108	1/2	151,139	1/2		1/2		1/2		1/2		1/2	
3/4	110,324	3/4	121,023	3/4	131,689	3/4	142,330	3/4	151,192	3/4		3/4		3/4		3/4		3/4	
7	110,546	7	121,246	7	131,911	7	142,551	7	151,244	7		7		7		7		7	
1/4	110,769	1/4	121,469	1/4	132,132	1/4	142,773	1/4	151,259	1/4		1/4		1/4		1/4		1/4	
1/2	110,992	1/2	121,692	1/2	132,354	1/2	142,995	1/2	151,275	1/2		1/2		1/2		1/2		1/2	
3/4	111,215	3/4	121,914	3/4	132,576	3/4	143,216	3/4	151,290	3/4		3/4		3/4		3/4		3/4	
8	111,438	8	122,137	8	132,798	8	143,438	8	151,305	8		8		8		8		8	
1/4	111,661	1/4	122,360	1/4	133,019	1/4	143,658	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,884	1/2	122,583	1/2	133,241	1/2	143,877	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,107	3/4	122,806	3/4	133,463	3/4	144,097	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,330	9	123,029	9	133,684	9	144,317	9		9		9		9		9		9	
1/4	112,553	1/4	123,252	1/4	133,906	1/4	144,536	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,776	1/2	123,475	1/2	134,128	1/2	144,756	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,998	3/4	123,698	3/4	134,349	3/4	144,976	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,221	10	123,921	10	134,571	10	145,195	10		10		10		10		10		10	
1/4	113,444	1/4	124,143	1/4	134,793	1/4	145,415	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,667	1/2	124,366	1/2	135,014	1/2	145,634	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,890	3/4	124,589	3/4	135,236	3/4	145,854	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,113	11	124,812	11	135,458	11	146,074	11		11		11		11		11		11	
1/4	114,336	1/4	125,035	1/4	135,679	1/4	146,293	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,559	1/2	125,258	1/2	135,901	1/2	146,513	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,782	3/4	125,481	3/4	136,123	3/4	146,733	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2015 SW  
CALCULATED: 09/29/2015 CL  
PRINTED: 09/29/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2015

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



# BARGE "CBC 1387"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	9,046	0	21,114	0	33,036	0	44,957	0	57,025	0	69,094	0	81,162	0	93,231	0	105,297
1/4	60	1/4	9,298	1/4	21,366	1/4	33,280	1/4	45,209	1/4	57,277	1/4	69,345	1/4	81,414	1/4	93,482	1/4	105,548
1/2	81	1/2	9,549	1/2	21,617	1/2	33,524	1/2	45,460	1/2	57,528	1/2	69,597	1/2	81,665	1/2	93,733	1/2	105,800
3/4	102	3/4	9,800	3/4	21,868	3/4	33,768	3/4	45,711	3/4	57,780	3/4	69,848	3/4	81,917	3/4	93,985	3/4	106,051
1	123	1	10,052	1	22,120	1	34,012	1	45,963	1	58,031	1	70,100	1	82,168	1	94,236	1	106,303
1/4	186	1/4	10,303	1/4	22,371	1/4	34,256	1/4	46,214	1/4	58,283	1/4	70,351	1/4	82,419	1/4	94,488	1/4	106,554
1/2	249	1/2	10,555	1/2	22,623	1/2	34,500	1/2	46,466	1/2	58,534	1/2	70,602	1/2	82,671	1/2	94,739	1/2	106,805
3/4	312	3/4	10,806	3/4	22,874	3/4	34,744	3/4	46,717	3/4	58,785	3/4	70,854	3/4	82,922	3/4	94,990	3/4	107,057
2	374	2	11,058	2	23,126	2	34,988	2	46,968	2	59,037	2	71,105	2	83,174	2	95,242	2	107,308
1/4	479	1/4	11,309	1/4	23,377	1/4	35,232	1/4	47,220	1/4	59,288	1/4	71,357	1/4	83,425	1/4	95,493	1/4	107,559
1/2	584	1/2	11,560	1/2	23,628	1/2	35,476	1/2	47,471	1/2	59,540	1/2	71,608	1/2	83,677	1/2	95,744	1/2	107,811
3/4	689	3/4	11,812	3/4	23,880	3/4	35,720	3/4	47,723	3/4	59,791	3/4	71,860	3/4	83,928	3/4	95,996	3/4	108,062
3	793	3	12,063	3	24,131	3	35,964	3	47,974	3	60,043	3	72,111	3	84,179	3	96,247	3	108,314
1/4	940	1/4	12,315	1/4	24,383	1/4	36,208	1/4	48,226	1/4	60,294	1/4	72,362	1/4	84,431	1/4	96,499	1/4	108,565
1/2	1,087	1/2	12,566	1/2	24,634	1/2	36,452	1/2	48,477	1/2	60,545	1/2	72,614	1/2	84,682	1/2	96,750	1/2	108,816
3/4	1,233	3/4	12,817	3/4	24,885	3/4	36,696	3/4	48,728	3/4	60,797	3/4	72,865	3/4	84,934	3/4	97,001	3/4	109,068
4	1,380	4	13,069	4	25,137	4	36,940	4	48,980	4	61,048	4	73,117	4	85,185	4	97,253	4	109,319
1/4	1,569	1/4	13,320	1/4	25,388	1/4	37,184	1/4	49,231	1/4	61,300	1/4	73,368	1/4	85,436	1/4	97,504	1/4	109,570
1/2	1,757	1/2	13,572	1/2	25,640	1/2	37,428	1/2	49,483	1/2	61,551	1/2	73,620	1/2	85,688	1/2	97,756	1/2	109,822
3/4	1,946	3/4	13,823	3/4	25,891	3/4	37,673	3/4	49,734	3/4	61,803	3/4	73,871	3/4	85,939	3/4	98,007	3/4	110,073
5	2,134	5	14,075	5	26,143	5	37,917	5	49,986	5	62,054	5	74,122	5	86,191	5	98,258	5	110,325
1/4	2,364	1/4	14,326	1/4	26,394	1/4	38,169	1/4	50,237	1/4	62,305	1/4	74,374	1/4	86,442	1/4	98,510	1/4	110,576
1/2	2,594	1/2	14,577	1/2	26,645	1/2	38,420	1/2	50,488	1/2	62,557	1/2	74,625	1/2	86,694	1/2	98,761	1/2	110,827
3/4	2,824	3/4	14,829	3/4	26,897	3/4	38,671	3/4	50,740	3/4	62,808	3/4	74,877	3/4	86,945	3/4	99,012	3/4	111,079
6	3,054	6	15,080	6	27,148	6	38,923	6	50,991	6	63,060	6	75,128	6	87,196	6	99,264	6	111,330
1/4	3,300	1/4	15,332	1/4	27,400	1/4	39,174	1/4	51,243	1/4	63,311	1/4	75,379	1/4	87,448	1/4	99,515	1/4	111,582
1/2	3,546	1/2	15,583	1/2	27,651	1/2	39,426	1/2	51,494	1/2	63,563	1/2	75,631	1/2	87,699	1/2	99,767	1/2	111,833
3/4	3,793	3/4	15,834	3/4	27,902	3/4	39,677	3/4	51,746	3/4	63,814	3/4	75,882	3/4	87,951	3/4	100,018	3/4	112,084
7	4,039	7	16,086	7	28,154	7	39,929	7	51,997	7	64,065	7	76,134	7	88,202	7	100,269	7	112,336
1/4	4,288	1/4	16,337	1/4	28,398	1/4	40,180	1/4	52,248	1/4	64,317	1/4	76,385	1/4	88,454	1/4	100,521	1/4	112,587
1/2	4,536	1/2	16,589	1/2	28,643	1/2	40,431	1/2	52,500	1/2	64,568	1/2	76,637	1/2	88,705	1/2	100,772	1/2	112,838
3/4	4,785	3/4	16,840	3/4	28,887	3/4	40,683	3/4	52,751	3/4	64,820	3/4	76,888	3/4	88,956	3/4	101,023	3/4	113,090
8	5,034	8	17,092	8	29,131	8	40,934	8	53,003	8	65,071	8	77,139	8	89,208	8	101,275	8	113,341
1/4	5,283	1/4	17,343	1/4	29,375	1/4	41,186	1/4	53,254	1/4	65,323	1/4	77,391	1/4	89,459	1/4	101,526	1/4	113,593
1/2	5,533	1/2	17,594	1/2	29,619	1/2	41,437	1/2	53,506	1/2	65,574	1/2	77,642	1/2	89,711	1/2	101,778	1/2	113,844
3/4	5,783	3/4	17,846	3/4	29,863	3/4	41,689	3/4	53,757	3/4	65,825	3/4	77,894	3/4	89,962	3/4	102,029	3/4	114,095
9	6,033	9	18,097	9	30,107	9	41,940	9	54,008	9	66,077	9	78,145	9	90,214	9	102,280	9	114,347
1/4	6,284	1/4	18,349	1/4	30,351	1/4	42,191	1/4	54,260	1/4	66,328	1/4	78,397	1/4	90,465	1/4	102,532	1/4	114,598
1/2	6,534	1/2	18,600	1/2	30,595	1/2	42,443	1/2	54,511	1/2	66,580	1/2	78,648	1/2	90,716	1/2	102,783	1/2	114,849
3/4	6,785	3/4	18,851	3/4	30,839	3/4	42,694	3/4	54,763	3/4	66,831	3/4	78,899	3/4	90,968	3/4	103,035	3/4	115,101
10	7,036	10	19,103	10	31,083	10	42,946	10	55,014	10	67,082	10	79,151	10	91,219	10	103,286	10	115,352
1/4	7,287	1/4	19,354	1/4	31,327	1/4	43,197	1/4	55,266	1/4	67,334	1/4	79,402	1/4	91,471	1/4	103,537	1/4	115,604
1/2	7,538	1/2	19,606	1/2	31,571	1/2	43,449	1/2	55,517	1/2	67,585	1/2	79,654	1/2	91,722	1/2	103,789	1/2	115,855
3/4	7,789	3/4	19,857	3/4	31,815	3/4	43,700	3/4	55,768	3/4	67,837	3/4	79,905	3/4	91,974	3/4	104,040	3/4	116,106
11	8,041	11	20,109	11	32,059	11	43,951	11	56,020	11	68,088	11	80,157	11	92,225	11	104,291	11	116,358
1/4	8,292	1/4	20,360	1/4	32,303	1/4	44,203	1/4	56,271	1/4	68,340	1/4	80,408	1/4	92,476	1/4	104,543	1/4	116,609
1/2	8,543	1/2	20,611	1/2	32,547	1/2	44,454	1/2	56,523	1/2	68,591	1/2	80,659	1/2	92,728	1/2	104,794	1/2	116,861
3/4	8,795	3/4	20,863	3/4	32,791	3/4	44,706	3/4	56,774	3/4	68,842	3/4	80,911	3/4	92,979	3/4	105,046	3/4	117,112

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 1387"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	117,363	0	129,430	0	141,496	0	153,495	0	165,457	0		0		0		0		0	
1/4	117,615	1/4	129,681	1/4	141,746	1/4	153,745	1/4	165,705	1/4		1/4		1/4		1/4		1/4	
1/2	117,866	1/2	129,932	1/2	141,996	1/2	153,995	1/2	165,953	1/2		1/2		1/2		1/2		1/2	
3/4	118,117	3/4	130,184	3/4	142,246	3/4	154,245	3/4	166,200	3/4		3/4		3/4		3/4		3/4	
1	118,369	1	130,435	1	142,496	1	154,495	1	166,448	1		1		1		1		1	
1/4	118,620	1/4	130,687	1/4	142,746	1/4	154,745	1/4	166,696	1/4		1/4		1/4		1/4		1/4	
1/2	118,872	1/2	130,938	1/2	142,996	1/2	154,995	1/2	166,943	1/2		1/2		1/2		1/2		1/2	
3/4	119,123	3/4	131,189	3/4	143,246	3/4	155,245	3/4	167,191	3/4		3/4		3/4		3/4		3/4	
2	119,374	2	131,441	2	143,496	2	155,495	2	167,439	2		2		2		2		2	
1/4	119,626	1/4	131,692	1/4	143,746	1/4	155,745	1/4	167,666	1/4		1/4		1/4		1/4		1/4	
1/2	119,877	1/2	131,943	1/2	143,996	1/2	155,995	1/2	167,892	1/2		1/2		1/2		1/2		1/2	
3/4	120,128	3/4	132,195	3/4	144,246	3/4	156,245	3/4	168,119	3/4		3/4		3/4		3/4		3/4	
3	120,380	3	132,446	3	144,496	3	156,495	3	168,346	3		3		3		3		3	
1/4	120,631	1/4	132,698	1/4	144,746	1/4	156,745	1/4	168,531	1/4		1/4		1/4		1/4		1/4	
1/2	120,883	1/2	132,949	1/2	144,996	1/2	156,995	1/2	168,715	1/2		1/2		1/2		1/2		1/2	
3/4	121,134	3/4	133,200	3/4	145,246	3/4	157,245	3/4	168,900	3/4		3/4		3/4		3/4		3/4	
4	121,385	4	133,452	4	145,496	4	157,495	4	169,085	4		4		4		4		4	
1/4	121,637	1/4	133,703	1/4	145,746	1/4	157,745	1/4	169,228	1/4		1/4		1/4		1/4		1/4	
1/2	121,888	1/2	133,954	1/2	145,996	1/2	157,995	1/2	169,371	1/2		1/2		1/2		1/2		1/2	
3/4	122,140	3/4	134,206	3/4	146,246	3/4	158,245	3/4	169,514	3/4		3/4		3/4		3/4		3/4	
5	122,391	5	134,457	5	146,496	5	158,495	5	169,657	5		5		5		5		5	
1/4	122,642	1/4	134,709	1/4	146,746	1/4	158,745	1/4	169,758	1/4		1/4		1/4		1/4		1/4	
1/2	122,894	1/2	134,960	1/2	146,996	1/2	158,995	1/2	169,859	1/2		1/2		1/2		1/2		1/2	
3/4	123,145	3/4	135,211	3/4	147,246	3/4	159,245	3/4	169,960	3/4		3/4		3/4		3/4		3/4	
6	123,396	6	135,463	6	147,496	6	159,495	6	170,061	6		6		6		6		6	
1/4	123,648	1/4	135,714	1/4	147,746	1/4	159,745	1/4	170,120	1/4		1/4		1/4		1/4		1/4	
1/2	123,899	1/2	135,966	1/2	147,996	1/2	159,995	1/2	170,179	1/2		1/2		1/2		1/2		1/2	
3/4	124,151	3/4	136,217	3/4	148,246	3/4	160,245	3/4	170,238	3/4		3/4		3/4		3/4		3/4	
7	124,402	7	136,468	7	148,495	7	160,495	7	170,297	7		7		7		7		7	
1/4	124,653	1/4	136,720	1/4	148,745	1/4	160,745	1/4	170,314	1/4		1/4		1/4		1/4		1/4	
1/2	124,905	1/2	136,971	1/2	148,995	1/2	160,995	1/2	170,331	1/2		1/2		1/2		1/2		1/2	
3/4	125,156	3/4	137,222	3/4	149,245	3/4	161,245	3/4	170,349	3/4		3/4		3/4		3/4		3/4	
8	125,408	8	137,474	8	149,495	8	161,495	8	170,366	8		8		8		8		8	
1/4	125,659	1/4	137,725	1/4	149,745	1/4	161,742	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,910	1/2	137,977	1/2	149,995	1/2	161,990	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,162	3/4	138,228	3/4	150,245	3/4	162,238	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,413	9	138,479	9	150,495	9	162,485	9		9		9		9		9		9	
1/4	126,664	1/4	138,731	1/4	150,745	1/4	162,733	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,916	1/2	138,982	1/2	150,995	1/2	162,981	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,167	3/4	139,234	3/4	151,245	3/4	163,228	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,419	10	139,485	10	151,495	10	163,476	10		10		10		10		10		10	
1/4	127,670	1/4	139,736	1/4	151,745	1/4	163,724	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,921	1/2	139,988	1/2	151,995	1/2	163,971	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,173	3/4	140,239	3/4	152,245	3/4	164,219	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,424	11	140,490	11	152,495	11	164,467	11		11		11		11		11		11	
1/4	128,675	1/4	140,742	1/4	152,745	1/4	164,714	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,927	1/2	140,993	1/2	152,995	1/2	164,962	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,178	3/4	141,245	3/4	153,245	3/4	165,210	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2015 SW  
CALCULATED: 09/29/2015 CL  
PRINTED: 09/29/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1387"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	8,091	0	18,880	0	29,518	0	40,185	0	50,946	0	61,707	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	40,410	1/4	51,170	1/4	61,931	1/4	72,667	1/4	83,408	1/4	94,172
1/2	77	1/2	8,541	1/2	19,329	1/2	29,955	1/2	40,634	1/2	51,394	1/2	62,155	1/2	72,890	1/2	83,632	1/2	94,396
3/4	96	3/4	8,765	3/4	19,554	3/4	30,173	3/4	40,858	3/4	51,619	3/4	62,379	3/4	73,113	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	30,610	1/4	41,306	1/4	52,067	1/4	62,828	1/4	73,558	1/4	84,305	1/4	95,069
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	63,052	1/2	73,781	1/2	84,529	1/2	95,293
3/4	283	3/4	9,664	3/4	20,453	3/4	31,046	3/4	41,755	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	74,227	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	52,964	1/4	63,724	1/4	74,450	1/4	85,202	1/4	95,966
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	85,426	1/2	96,190
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	64,173	3/4	74,895	3/4	85,650	3/4	96,414
3	714	3	10,788	3	21,577	3	32,138	3	42,876	3	53,636	3	64,397	3	75,118	3	85,874	3	96,638
1/4	845	1/4	11,013	1/4	21,802	1/4	32,357	1/4	43,100	1/4	53,860	1/4	64,621	1/4	75,341	1/4	86,099	1/4	96,863
1/2	976	1/2	11,238	1/2	22,026	1/2	32,575	1/2	43,324	1/2	54,085	1/2	64,845	1/2	75,564	1/2	86,323	1/2	97,087
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	75,787	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	65,294	4	76,009	4	86,771	4	97,535
1/4	1,406	1/4	11,912	1/4	22,701	1/4	33,236	1/4	43,996	1/4	54,757	1/4	65,518	1/4	76,233	1/4	86,996	1/4	97,760
1/2	1,575	1/2	12,137	1/2	22,925	1/2	33,460	1/2	44,221	1/2	54,981	1/2	65,742	1/2	76,456	1/2	87,220	1/2	97,984
3/4	1,743	3/4	12,362	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	55,430	5	66,190	5	76,903	5	87,668	5	98,432
1/4	2,117	1/4	12,811	1/4	23,600	1/4	34,133	1/4	44,893	1/4	55,654	1/4	66,414	1/4	77,128	1/4	87,893	1/4	98,657
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	66,639	1/2	77,352	1/2	88,117	1/2	98,881
3/4	2,528	3/4	13,261	3/4	24,049	3/4	34,581	3/4	45,342	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	77,801	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	56,551	1/4	67,311	1/4	78,025	1/4	88,790	1/4	99,554
1/2	3,174	1/2	13,935	1/2	24,711	1/2	35,253	1/2	46,014	1/2	56,775	1/2	67,534	1/2	78,249	1/2	89,014	1/2	99,778
3/4	3,395	3/4	14,160	3/4	24,930	3/4	35,478	3/4	46,238	3/4	56,999	3/4	67,758	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	78,698	7	89,462	7	100,226
1/4	3,837	1/4	14,609	1/4	25,368	1/4	35,926	1/4	46,687	1/4	57,447	1/4	68,205	1/4	78,922	1/4	89,687	1/4	100,451
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	68,429	1/2	79,146	1/2	89,911	1/2	100,675
3/4	4,282	3/4	15,059	3/4	25,805	3/4	36,374	3/4	47,135	3/4	57,896	3/4	68,652	3/4	79,371	3/4	90,135	3/4	100,899
8	4,504	8	15,283	8	26,024	8	36,599	8	47,359	8	58,120	8	68,876	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	90,584	1/4	101,348
1/2	4,951	1/2	15,733	1/2	26,461	1/2	37,047	1/2	47,808	1/2	58,568	1/2	69,323	1/2	80,043	1/2	90,808	1/2	101,572
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	80,268	3/4	91,032	3/4	101,796
9	5,397	9	16,182	9	26,897	9	37,495	9	48,256	9	59,017	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	59,241	1/4	69,993	1/4	80,716	1/4	91,481	1/4	102,245
1/2	5,846	1/2	16,632	1/2	27,334	1/2	37,944	1/2	48,704	1/2	59,465	1/2	70,216	1/2	80,941	1/2	91,705	1/2	102,469
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	70,439	3/4	81,165	3/4	91,929	3/4	102,693
10	6,294	10	17,082	10	27,771	10	38,392	10	49,153	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	92,378	1/4	103,142
1/2	6,743	1/2	17,531	1/2	28,208	1/2	38,840	1/2	49,601	1/2	60,362	1/2	71,107	1/2	81,838	1/2	92,602	1/2	103,366
3/4	6,968	3/4	17,756	3/4	28,426	3/4	39,065	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	17,981	11	28,644	11	39,289	11	50,049	11	60,810	11	71,553	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	71,776	1/4	82,511	1/4	93,275	1/4	104,039
1/2	7,642	1/2	18,430	1/2	29,081	1/2	39,737	1/2	50,498	1/2	61,258	1/2	71,998	1/2	82,735	1/2	93,499	1/2	104,263
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 31'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 1387"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	104,711	0	114,812	0	124,271	0	133,689	0	143,090	0		0		0		0		0	
1/4	104,935	1/4	115,009	1/4	124,468	1/4	133,885	1/4	143,285	1/4		1/4		1/4		1/4		1/4	
1/2	105,159	1/2	115,206	1/2	124,664	1/2	134,082	1/2	143,479	1/2		1/2		1/2		1/2		1/2	
3/4	105,383	3/4	115,403	3/4	124,861	3/4	134,279	3/4	143,673	3/4		3/4		3/4		3/4		3/4	
1	105,607	1	115,600	1	125,058	1	134,475	1	143,868	1		1		1		1		1	
1/4	105,831	1/4	115,797	1/4	125,254	1/4	134,672	1/4	144,062	1/4		1/4		1/4		1/4		1/4	
1/2	106,055	1/2	115,994	1/2	125,451	1/2	134,868	1/2	144,257	1/2		1/2		1/2		1/2		1/2	
3/4	106,279	3/4	116,191	3/4	125,647	3/4	135,065	3/4	144,451	3/4		3/4		3/4		3/4		3/4	
2	106,503	2	116,388	2	125,844	2	135,261	2	144,646	2		2		2		2		2	
1/4	106,727	1/4	116,585	1/4	126,040	1/4	135,458	1/4	144,849	1/4		1/4		1/4		1/4		1/4	
1/2	106,951	1/2	116,783	1/2	126,237	1/2	135,654	1/2	145,053	1/2		1/2		1/2		1/2		1/2	
3/4	107,175	3/4	116,980	3/4	126,433	3/4	135,851	3/4	145,256	3/4		3/4		3/4		3/4		3/4	
3	107,399	3	117,177	3	126,630	3	136,047	3	145,459	3		3		3		3		3	
1/4	107,623	1/4	117,374	1/4	126,826	1/4	136,244	1/4	145,625	1/4		1/4		1/4		1/4		1/4	
1/2	107,847	1/2	117,571	1/2	127,023	1/2	136,441	1/2	145,791	1/2		1/2		1/2		1/2		1/2	
3/4	108,071	3/4	117,768	3/4	127,220	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	136,834	4	146,123	4		4		4		4		4	
1/4	108,519	1/4	118,162	1/4	127,613	1/4	137,030	1/4	146,252	1/4		1/4		1/4		1/4		1/4	
1/2	108,743	1/2	118,359	1/2	127,809	1/2	137,227	1/2	146,380	1/2		1/2		1/2		1/2		1/2	
3/4	108,967	3/4	118,556	3/4	128,006	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	137,620	5	146,637	5		5		5		5		5	
1/4	109,415	1/4	118,950	1/4	128,399	1/4	137,816	1/4	146,728	1/4		1/4		1/4		1/4		1/4	
1/2	109,639	1/2	119,147	1/2	128,595	1/2	138,013	1/2	146,819	1/2		1/2		1/2		1/2		1/2	
3/4	109,863	3/4	119,345	3/4	128,792	3/4	138,209	3/4	146,910	3/4		3/4		3/4		3/4		3/4	
6	110,087	6	119,542	6	128,989	6	138,406	6	147,001	6		6		6		6		6	
1/4	110,284	1/4	119,739	1/4	129,184	1/4	138,603	1/4	147,054	1/4		1/4		1/4		1/4		1/4	
1/2	110,481	1/2	119,936	1/2	129,380	1/2	138,799	1/2	147,108	1/2		1/2		1/2		1/2		1/2	
3/4	110,678	3/4	120,133	3/4	129,576	3/4	138,996	3/4	147,161	3/4		3/4		3/4		3/4		3/4	
7	110,875	7	120,330	7	129,772	7	139,192	7	147,215	7		7		7		7		7	
1/4	111,072	1/4	120,527	1/4	129,968	1/4	139,389	1/4	147,231	1/4		1/4		1/4		1/4		1/4	
1/2	111,268	1/2	120,724	1/2	130,164	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	139,782	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	140,173	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,056	1/2	121,512	1/2	130,947	1/2	140,367	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,253	3/4	121,709	3/4	131,143	3/4	140,562	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,450	9	121,906	9	131,339	9	140,756	9		9		9		9		9		9	
1/4	112,646	1/4	122,104	1/4	131,535	1/4	140,951	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,843	1/2	122,301	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	122,498	3/4	131,926	3/4	141,340	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,237	10	122,695	10	132,122	10	141,534	10		10		10		10		10		10	
1/4	113,434	1/4	122,892	1/4	132,318	1/4	141,729	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,631	1/2	123,089	1/2	132,514	1/2	141,923	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,828	3/4	123,286	3/4	132,710	3/4	142,118	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	142,507	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	133,493	3/4	142,896	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2015 SW  
CALCULATED: 09/29/2015 CL  
PRINTED: 09/29/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1387"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8	02-0/8	- 02-0/8
2 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
3 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-5/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

September 29, 2015

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

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# BARGE "CBC 1387"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	0	0	151,275	0	142,995	0	132,354	0	121,692	0	110,992	0	100,293	0	89,594	0	78,894		
1/4	1/4	1/4	151,259	1/4	142,773	1/4	132,132	1/4	121,469	1/4	110,769	1/4	100,070	1/4	89,371	1/4	78,671		
1/2	1/2	1/2	151,244	1/2	142,551	1/2	131,911	1/2	121,246	1/2	110,546	1/2	99,847	1/2	89,148	1/2	78,448		
3/4	3/4	3/4	151,192	3/4	142,330	3/4	131,689	3/4	121,023	3/4	110,324	3/4	99,624	3/4	88,925	3/4	78,225		
1	1	1	151,139	1	142,108	1	131,467	1	120,800	1	110,101	1	99,401	1	88,702	1	78,002		
1/4	1/4	1/4	151,087	1/4	141,886	1/4	131,246	1/4	120,577	1/4	109,878	1/4	99,179	1/4	88,479	1/4	77,779		
1/2	1/2	1/2	151,034	1/2	141,665	1/2	131,024	1/2	120,354	1/2	109,655	1/2	98,956	1/2	88,256	1/2	77,556		
3/4	3/4	3/4	150,945	3/4	141,443	3/4	130,802	3/4	120,131	3/4	109,432	3/4	98,733	3/4	88,033	3/4	77,333		
2	2	2	150,855	2	141,221	2	130,581	2	119,908	2	109,209	2	98,510	2	87,811	2	77,110		
1/4	1/4	1/4	150,766	1/4	141,000	1/4	130,359	1/4	119,685	1/4	108,986	1/4	98,287	1/4	87,588	1/4	76,887		
1/2	1/2	1/2	150,676	1/2	140,778	1/2	130,137	1/2	119,463	1/2	108,763	1/2	98,064	1/2	87,365	1/2	76,664		
3/4	3/4	3/4	150,549	3/4	140,556	3/4	129,916	3/4	119,240	3/4	108,540	3/4	97,841	3/4	87,142	3/4	76,441		
3	3	3	150,423	3	140,335	3	129,694	3	119,017	3	108,317	3	97,618	3	86,919	3	76,219		
1/4	1/4	1/4	150,296	1/4	140,113	1/4	129,472	1/4	118,794	1/4	108,095	1/4	97,395	1/4	86,696	1/4	75,996		
1/2	1/2	1/2	150,169	1/2	139,891	1/2	129,251	1/2	118,571	1/2	107,872	1/2	97,172	1/2	86,473	1/2	75,773		
3/4	3/4	3/4	150,005	3/4	139,670	3/4	129,029	3/4	118,348	3/4	107,649	3/4	96,950	3/4	86,250	3/4	75,550		
4	4	4	149,841	4	139,448	4	128,807	4	118,125	4	107,426	4	96,727	4	86,027	4	75,327		
1/4	1/4	1/4	149,677	1/4	139,226	1/4	128,586	1/4	117,902	1/4	107,203	1/4	96,504	1/4	85,804	1/4	75,104		
1/2	1/2	1/2	149,513	1/2	139,005	1/2	128,364	1/2	117,679	1/2	106,980	1/2	96,281	1/2	85,582	1/2	74,881		
3/4	3/4	3/4	149,312	3/4	138,783	3/4	128,142	3/4	117,456	3/4	106,757	3/4	96,058	3/4	85,359	3/4	74,658		
5	5	5	149,111	5	138,561	5	127,921	5	117,234	5	106,534	5	95,835	5	85,136	5	74,435		
1/4	1/4	1/4	148,910	1/4	138,339	1/4	127,699	1/4	117,011	1/4	106,311	1/4	95,612	1/4	84,913	1/4	74,212		
1/2	1/2	1/2	148,709	1/2	138,118	1/2	127,477	1/2	116,788	1/2	106,088	1/2	95,389	1/2	84,690	1/2	73,989		
3/4	3/4	3/4	148,490	3/4	137,896	3/4	127,256	3/4	116,565	3/4	105,866	3/4	95,166	3/4	84,467	3/4	73,766		
6	6	6	148,270	6	137,674	6	127,034	6	116,342	6	105,643	6	94,943	6	84,244	6	73,543		
1/4	1/4	1/4	148,050	1/4	137,453	1/4	126,812	1/4	116,119	1/4	105,420	1/4	94,720	1/4	84,021	1/4	73,320		
1/2	1/2	1/2	147,831	1/2	137,231	1/2	126,590	1/2	115,896	1/2	105,197	1/2	94,498	1/2	83,798	1/2	73,097		
3/4	3/4	3/4	147,611	3/4	137,009	3/4	126,369	3/4	115,673	3/4	104,974	3/4	94,275	3/4	83,575	3/4	72,874		
7	7	7	147,391	7	136,788	7	126,147	7	115,450	7	104,751	7	94,052	7	83,353	7	72,652		
1/4	1/4	1/4	147,172	1/4	136,566	1/4	125,925	1/4	115,227	1/4	104,528	1/4	93,829	1/4	83,130	1/4	72,429		
1/2	1/2	1/2	146,952	1/2	136,344	1/2	125,704	1/2	115,005	1/2	104,305	1/2	93,606	1/2	82,907	1/2	72,206		
3/4	3/4	3/4	146,733	3/4	136,123	3/4	125,481	3/4	114,782	3/4	104,082	3/4	93,383	3/4	82,684	3/4	71,983		
8	8	8	146,513	8	135,901	8	125,258	8	114,559	8	103,859	8	93,160	8	82,461	8	71,760		
1/4	1/4	1/4	146,293	1/4	135,679	1/4	125,035	1/4	114,336	1/4	103,637	1/4	92,937	1/4	82,238	1/4	71,537		
1/2	1/2	1/2	146,074	1/2	135,458	1/2	124,812	1/2	114,113	1/2	103,414	1/2	92,714	1/2	82,015	1/2	71,314		
3/4	3/4	3/4	145,854	3/4	135,236	3/4	124,589	3/4	113,890	3/4	103,191	3/4	92,491	3/4	81,792	3/4	71,091		
9	9	9	145,634	9	135,014	9	124,366	9	113,667	9	102,968	9	92,269	9	81,569	9	70,868		
1/4	1/4	1/4	145,415	1/4	134,793	1/4	124,143	1/4	113,444	1/4	102,745	1/4	92,046	1/4	81,346	1/4	70,645		
1/2	1/2	1/2	145,195	1/2	134,571	1/2	123,921	1/2	113,221	1/2	102,522	1/2	91,823	1/2	81,123	1/2	70,422		
3/4	3/4	3/4	144,976	3/4	134,349	3/4	123,698	3/4	112,998	3/4	102,299	3/4	91,600	3/4	80,900	3/4	70,199		
10	10	10	144,756	10	134,128	10	123,475	10	112,776	10	102,076	10	91,377	10	80,677	10	69,976		
1/4	1/4	1/4	144,536	1/4	133,906	1/4	123,252	1/4	112,553	1/4	101,853	1/4	91,154	1/4	80,454	1/4	69,753		
1/2	1/2	1/2	144,317	1/2	133,684	1/2	123,029	1/2	112,330	1/2	101,630	1/2	90,931	1/2	80,231	1/2	69,530		
3/4	3/4	3/4	144,097	3/4	133,463	3/4	122,806	3/4	112,107	3/4	101,408	3/4	90,708	3/4	80,009	3/4	69,307		
11	11	11	143,877	11	133,241	11	122,583	11	111,884	11	101,185	11	90,485	11	79,786	11	69,085		
1/4	1/4	1/4	143,658	1/4	133,019	1/4	122,360	1/4	111,661	1/4	100,962	1/4	90,262	1/4	79,563	1/4	68,862		
1/2	1/2	1/2	151,305	1/2	143,438	1/2	132,798	1/2	122,137	1/2	111,438	1/2	90,739	1/2	79,340	1/2	68,639		
3/4	3/4	3/4	151,290	3/4	143,216	3/4	132,576	3/4	121,914	3/4	111,215	3/4	90,516	3/4	79,117	3/4	68,416		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "CBC 1387"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	68,193	0	57,492	0	46,791	0	36,090	0	25,412	0	14,714	0	4,027	0		0			
1/4	67,970	1/4	57,269	1/4	46,568	1/4	35,867	1/4	25,190	1/4	14,491	1/4	3,806	1/4		1/4			1/4
1/2	67,747	1/2	57,046	1/2	46,345	1/2	35,644	1/2	24,967	1/2	14,268	1/2	3,586	1/2		1/2			1/2
3/4	67,524	3/4	56,823	3/4	46,122	3/4	35,421	3/4	24,744	3/4	14,045	3/4	3,367	3/4		3/4			3/4
1	67,301	1	56,600	1	45,899	1	35,198	1	24,522	1	13,822	1	3,149	1		1			1
1/4	67,078	1/4	56,377	1/4	45,676	1/4	34,975	1/4	24,299	1/4	13,599	1/4	2,930	1/4		1/4			1/4
1/2	66,855	1/2	56,154	1/2	45,453	1/2	34,752	1/2	24,077	1/2	13,376	1/2	2,712	1/2		1/2			1/2
3/4	66,632	3/4	55,931	3/4	45,230	3/4	34,529	3/4	23,854	3/4	13,153	3/4	2,508	3/4		3/4			3/4
2	66,409	2	55,708	2	45,007	2	34,306	2	23,631	2	12,930	2	2,304	2		2			2
1/4	66,186	1/4	55,485	1/4	44,784	1/4	34,083	1/4	23,408	1/4	12,707	1/4	2,101	1/4		1/4			1/4
1/2	65,963	1/2	55,262	1/2	44,561	1/2	33,860	1/2	23,185	1/2	12,484	1/2	1,897	1/2		1/2			1/2
3/4	65,740	3/4	55,039	3/4	44,338	3/4	33,637	3/4	22,962	3/4	12,261	3/4	1,730	3/4		3/4			3/4
3	65,517	3	54,816	3	44,115	3	33,414	3	22,739	3	12,038	3	1,562	3		3			3
1/4	65,295	1/4	54,593	1/4	43,892	1/4	33,191	1/4	22,516	1/4	11,816	1/4	1,395	1/4		1/4			1/4
1/2	65,072	1/2	54,371	1/2	43,669	1/2	32,968	1/2	22,293	1/2	11,593	1/2	1,228	1/2		1/2			1/2
3/4	64,849	3/4	54,148	3/4	43,447	3/4	32,746	3/4	22,070	3/4	11,370	3/4	1,098	3/4		3/4			3/4
4	64,626	4	53,925	4	43,224	4	32,524	4	21,847	4	11,147	4	968	4		4			4
1/4	64,403	1/4	53,702	1/4	43,001	1/4	32,302	1/4	21,624	1/4	10,924	1/4	838	1/4		1/4			1/4
1/2	64,180	1/2	53,479	1/2	42,778	1/2	32,080	1/2	21,401	1/2	10,701	1/2	708	1/2		1/2			1/2
3/4	63,957	3/4	53,256	3/4	42,555	3/4	31,857	3/4	21,179	3/4	10,478	3/4	615	3/4		3/4			3/4
5	63,734	5	53,033	5	42,332	5	31,635	5	20,956	5	10,255	5	522	5		5			5
1/4	63,511	1/4	52,810	1/4	42,109	1/4	31,413	1/4	20,733	1/4	10,032	1/4	429	1/4		1/4			1/4
1/2	63,288	1/2	52,587	1/2	41,886	1/2	31,191	1/2	20,510	1/2	9,809	1/2	336	1/2		1/2			1/2
3/4	63,065	3/4	52,364	3/4	41,663	3/4	30,968	3/4	20,287	3/4	9,586	3/4	281	3/4		3/4			3/4
6	62,842	6	52,141	6	41,440	6	30,746	6	20,064	6	9,363	6	225	6		6			6
1/4	62,619	1/4	51,918	1/4	41,217	1/4	30,524	1/4	19,841	1/4	9,140	1/4	169	1/4		1/4			1/4
1/2	62,396	1/2	51,695	1/2	40,994	1/2	30,302	1/2	19,618	1/2	8,917	1/2	114	1/2		1/2			1/2
3/4	62,173	3/4	51,472	3/4	40,771	3/4	30,080	3/4	19,395	3/4	8,694	3/4	95	3/4		3/4			3/4
7	61,950	7	51,249	7	40,548	7	29,857	7	19,172	7	8,472	7	76	7		7			7
1/4	61,728	1/4	51,026	1/4	40,325	1/4	29,635	1/4	18,949	1/4	8,249	1/4	58	1/4		1/4			1/4
1/2	61,505	1/2	50,804	1/2	40,102	1/2	29,413	1/2	18,726	1/2	8,026	1/2	39	1/2		1/2			1/2
3/4	61,282	3/4	50,581	3/4	39,880	3/4	29,191	3/4	18,503	3/4	7,803	3/4		3/4		3/4			3/4
8	61,059	8	50,358	8	39,657	8	28,968	8	18,280	8	7,580	8		8		8			8
1/4	60,836	1/4	50,135	1/4	39,434	1/4	28,746	1/4	18,058	1/4	7,357	1/4		1/4		1/4			1/4
1/2	60,613	1/2	49,912	1/2	39,211	1/2	28,524	1/2	17,835	1/2	7,134	1/2		1/2		1/2			1/2
3/4	60,390	3/4	49,689	3/4	38,988	3/4	28,302	3/4	17,612	3/4	6,911	3/4		3/4		3/4			3/4
9	60,167	9	49,466	9	38,765	9	28,079	9	17,389	9	6,689	9		9		9			9
1/4	59,944	1/4	49,243	1/4	38,542	1/4	27,857	1/4	17,166	1/4	6,466	1/4		1/4		1/4			1/4
1/2	59,721	1/2	49,020	1/2	38,319	1/2	27,635	1/2	16,943	1/2	6,243	1/2		1/2		1/2			1/2
3/4	59,498	3/4	48,797	3/4	38,096	3/4	27,413	3/4	16,720	3/4	6,021	3/4		3/4		3/4			3/4
10	59,275	10	48,574	10	37,873	10	27,191	10	16,497	10	5,799	10		10		10			10
1/4	59,052	1/4	48,351	1/4	37,650	1/4	26,968	1/4	16,274	1/4	5,576	1/4		1/4		1/4			1/4
1/2	58,829	1/2	48,128	1/2	37,427	1/2	26,746	1/2	16,051	1/2	5,354	1/2		1/2		1/2			1/2
3/4	58,606	3/4	47,905	3/4	37,204	3/4	26,524	3/4	15,828	3/4	5,132	3/4		3/4		3/4			3/4
11	58,383	11	47,682	11	36,981	11	26,302	11	15,605	11	4,911	11		11		11			11
1/4	58,161	1/4	47,459	1/4	36,758	1/4	26,079	1/4	15,382	1/4	4,689	1/4		1/4		1/4			1/4
1/2	57,938	1/2	47,236	1/2	36,535	1/2	25,857	1/2	15,159	1/2	4,468	1/2		1/2		1/2			1/2
3/4	57,715	3/4	47,014	3/4	36,312	3/4	25,635	3/4	14,937	3/4	4,247	3/4		3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2015 SW  
CALCULATED: 09/29/2015 CL  
PRINTED: 09/29/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2015

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



# BARGE "CBC 1387"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	0	0	170,349	0	161,245	0	149,245	0	137,222	0	125,156	0	113,090	0	101,023	0	88,956		
1/4	1/4	1/4	170,331	1/4	160,995	1/4	148,995	1/4	136,971	1/4	124,905	1/4	112,838	1/4	100,772	1/4	88,705		
1/2	1/2	1/2	170,314	1/2	160,745	1/2	148,745	1/2	136,720	1/2	124,653	1/2	112,587	1/2	100,521	1/2	88,454		
3/4	3/4	3/4	170,297	3/4	160,495	3/4	148,495	3/4	136,468	3/4	124,402	3/4	112,336	3/4	100,269	3/4	88,202		
1	1	1	170,238	1	160,245	1	148,246	1	136,217	1	124,151	1	112,084	1	100,018	1	87,951		
1/4	1/4	1/4	170,179	1/4	159,995	1/4	147,996	1/4	135,966	1/4	123,899	1/4	111,833	1/4	99,767	1/4	87,699		
1/2	1/2	1/2	170,120	1/2	159,745	1/2	147,746	1/2	135,714	1/2	123,648	1/2	111,582	1/2	99,515	1/2	87,448		
3/4	3/4	3/4	170,061	3/4	159,495	3/4	147,496	3/4	135,463	3/4	123,396	3/4	111,330	3/4	99,264	3/4	87,196		
2	2	2	169,960	2	159,245	2	147,246	2	135,211	2	123,145	2	111,079	2	99,012	2	86,945		
1/4	1/4	1/4	169,859	1/4	158,995	1/4	146,996	1/4	134,960	1/4	122,894	1/4	110,827	1/4	98,761	1/4	86,694		
1/2	1/2	1/2	169,758	1/2	158,745	1/2	146,746	1/2	134,709	1/2	122,642	1/2	110,576	1/2	98,510	1/2	86,442		
3/4	3/4	3/4	169,657	3/4	158,495	3/4	146,496	3/4	134,457	3/4	122,391	3/4	110,325	3/4	98,258	3/4	86,191		
3	3	3	169,514	3	158,245	3	146,246	3	134,206	3	122,140	3	110,073	3	98,007	3	85,939		
1/4	1/4	1/4	169,371	1/4	157,995	1/4	145,996	1/4	133,954	1/4	121,888	1/4	109,822	1/4	97,756	1/4	85,688		
1/2	1/2	1/2	169,228	1/2	157,745	1/2	145,746	1/2	133,703	1/2	121,637	1/2	109,570	1/2	97,504	1/2	85,436		
3/4	3/4	3/4	169,085	3/4	157,495	3/4	145,496	3/4	133,452	3/4	121,385	3/4	109,319	3/4	97,253	3/4	85,185		
4	4	4	168,900	4	157,245	4	145,246	4	133,200	4	121,134	4	109,068	4	97,001	4	84,934		
1/4	1/4	1/4	168,715	1/4	156,995	1/4	144,996	1/4	132,949	1/4	120,883	1/4	108,816	1/4	96,750	1/4	84,682		
1/2	1/2	1/2	168,531	1/2	156,745	1/2	144,746	1/2	132,698	1/2	120,631	1/2	108,565	1/2	96,499	1/2	84,431		
3/4	3/4	3/4	168,346	3/4	156,495	3/4	144,496	3/4	132,446	3/4	120,380	3/4	108,314	3/4	96,247	3/4	84,179		
5	5	5	168,119	5	156,245	5	144,246	5	132,195	5	120,128	5	108,062	5	95,996	5	83,928		
1/4	1/4	1/4	167,892	1/4	155,995	1/4	143,996	1/4	131,943	1/4	119,877	1/4	107,811	1/4	95,744	1/4	83,677		
1/2	1/2	1/2	167,666	1/2	155,745	1/2	143,746	1/2	131,692	1/2	119,626	1/2	107,559	1/2	95,493	1/2	83,425		
3/4	3/4	3/4	167,439	3/4	155,495	3/4	143,496	3/4	131,441	3/4	119,374	3/4	107,308	3/4	95,242	3/4	83,174		
6	6	6	167,191	6	155,245	6	143,246	6	131,189	6	119,123	6	107,057	6	94,990	6	82,922		
1/4	1/4	1/4	166,943	1/4	154,995	1/4	142,996	1/4	130,938	1/4	118,872	1/4	106,805	1/4	94,739	1/4	82,671		
1/2	1/2	1/2	166,696	1/2	154,745	1/2	142,746	1/2	130,687	1/2	118,620	1/2	106,554	1/2	94,488	1/2	82,419		
3/4	3/4	3/4	166,448	3/4	154,495	3/4	142,496	3/4	130,435	3/4	118,369	3/4	106,303	3/4	94,236	3/4	82,168		
7	7	7	166,200	7	154,245	7	142,246	7	130,184	7	118,117	7	106,051	7	93,985	7	81,917		
1/4	1/4	1/4	165,953	1/4	153,995	1/4	141,996	1/4	129,932	1/4	117,866	1/4	105,800	1/4	93,733	1/4	81,665		
1/2	1/2	1/2	165,705	1/2	153,745	1/2	141,746	1/2	129,681	1/2	117,615	1/2	105,548	1/2	93,482	1/2	81,414		
3/4	3/4	3/4	165,457	3/4	153,495	3/4	141,496	3/4	129,430	3/4	117,363	3/4	105,297	3/4	93,231	3/4	81,162		
8	8	8	165,210	8	153,245	8	141,245	8	129,178	8	117,112	8	105,046	8	92,979	8	80,911		
1/4	1/4	1/4	164,962	1/4	152,995	1/4	140,993	1/4	128,927	1/4	116,861	1/4	104,794	1/4	92,728	1/4	80,659		
1/2	1/2	1/2	164,714	1/2	152,745	1/2	140,742	1/2	128,675	1/2	116,609	1/2	104,543	1/2	92,476	1/2	80,408		
3/4	3/4	3/4	164,467	3/4	152,495	3/4	140,490	3/4	128,424	3/4	116,358	3/4	104,291	3/4	92,225	3/4	80,157		
9	9	9	164,219	9	152,245	9	140,239	9	128,173	9	116,106	9	104,040	9	91,974	9	79,905		
1/4	1/4	1/4	163,971	1/4	151,995	1/4	139,988	1/4	127,921	1/4	115,855	1/4	103,789	1/4	91,722	1/4	79,654		
1/2	1/2	1/2	163,724	1/2	151,745	1/2	139,736	1/2	127,670	1/2	115,604	1/2	103,537	1/2	91,471	1/2	79,402		
3/4	3/4	3/4	163,476	3/4	151,495	3/4	139,485	3/4	127,419	3/4	115,352	3/4	103,286	3/4	91,219	3/4	79,151		
10	10	10	163,228	10	151,245	10	139,234	10	127,167	10	115,101	10	103,035	10	90,968	10	78,899		
1/4	1/4	1/4	162,981	1/4	150,995	1/4	138,982	1/4	126,916	1/4	114,849	1/4	102,783	1/4	90,716	1/4	78,648		
1/2	1/2	1/2	162,733	1/2	150,745	1/2	138,731	1/2	126,664	1/2	114,598	1/2	102,532	1/2	90,465	1/2	78,397		
3/4	3/4	3/4	162,485	3/4	150,495	3/4	138,479	3/4	126,413	3/4	114,347	3/4	102,280	3/4	90,214	3/4	78,145		
11	11	11	162,238	11	150,245	11	138,228	11	126,162	11	114,095	11	102,029	11	89,962	11	77,894		
1/4	1/4	1/4	161,990	1/4	149,995	1/4	137,977	1/4	125,910	1/4	113,844	1/4	101,778	1/4	89,711	1/4	77,642		
1/2	1/2	1/2	161,742	1/2	149,745	1/2	137,725	1/2	125,659	1/2	113,593	1/2	101,526	1/2	89,459	1/2	77,391		
3/4	3/4	3/4	170,366	3/4	161,495	3/4	149,495	3/4	137,474	3/4	125,408	3/4	113,341	3/4	101,275	3/4	89,208	3/4	77,139

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 1387"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	76,888	0	64,820	0	52,751	0	40,683	0	28,887	0	16,840	0	4,785	0					0
1/4	76,637	1/4	64,568	1/4	52,500	1/4	40,431	1/4	28,643	1/4	16,589	1/4	4,536	1/4					1/4
1/2	76,385	1/2	64,317	1/2	52,248	1/2	40,180	1/2	28,398	1/2	16,337	1/2	4,288	1/2					1/2
3/4	76,134	3/4	64,065	3/4	51,997	3/4	39,929	3/4	28,154	3/4	16,086	3/4	4,039	3/4					3/4
1	75,882	1	63,814	1	51,746	1	39,677	1	27,902	1	15,834	1	3,793	1					1
1/4	75,631	1/4	63,563	1/4	51,494	1/4	39,426	1/4	27,651	1/4	15,583	1/4	3,546	1/4					1/4
1/2	75,379	1/2	63,311	1/2	51,243	1/2	39,174	1/2	27,400	1/2	15,332	1/2	3,300	1/2					1/2
3/4	75,128	3/4	63,060	3/4	50,991	3/4	38,923	3/4	27,148	3/4	15,080	3/4	3,054	3/4					3/4
2	74,877	2	62,808	2	50,740	2	38,671	2	26,897	2	14,829	2	2,824	2					2
1/4	74,625	1/4	62,557	1/4	50,488	1/4	38,420	1/4	26,645	1/4	14,577	1/4	2,594	1/4					1/4
1/2	74,374	1/2	62,305	1/2	50,237	1/2	38,169	1/2	26,394	1/2	14,326	1/2	2,364	1/2					1/2
3/4	74,122	3/4	62,054	3/4	49,986	3/4	37,917	3/4	26,143	3/4	14,075	3/4	2,134	3/4					3/4
3	73,871	3	61,803	3	49,734	3	37,673	3	25,891	3	13,823	3	1,946	3					3
1/4	73,620	1/4	61,551	1/4	49,483	1/4	37,428	1/4	25,640	1/4	13,572	1/4	1,757	1/4					1/4
1/2	73,368	1/2	61,300	1/2	49,231	1/2	37,184	1/2	25,388	1/2	13,320	1/2	1,569	1/2					1/2
3/4	73,117	3/4	61,048	3/4	48,980	3/4	36,940	3/4	25,137	3/4	13,069	3/4	1,380	3/4					3/4
4	72,865	4	60,797	4	48,728	4	36,696	4	24,885	4	12,817	4	1,233	4					4
1/4	72,614	1/4	60,545	1/4	48,477	1/4	36,452	1/4	24,634	1/4	12,566	1/4	1,087	1/4					1/4
1/2	72,362	1/2	60,294	1/2	48,226	1/2	36,208	1/2	24,383	1/2	12,315	1/2	940	1/2					1/2
3/4	72,111	3/4	60,043	3/4	47,974	3/4	35,964	3/4	24,131	3/4	12,063	3/4	793	3/4					3/4
5	71,860	5	59,791	5	47,723	5	35,720	5	23,880	5	11,812	5	689	5					5
1/4	71,608	1/4	59,540	1/4	47,471	1/4	35,476	1/4	23,628	1/4	11,560	1/4	584	1/4					1/4
1/2	71,357	1/2	59,288	1/2	47,220	1/2	35,232	1/2	23,377	1/2	11,309	1/2	479	1/2					1/2
3/4	71,105	3/4	59,037	3/4	46,968	3/4	34,988	3/4	23,126	3/4	11,058	3/4	374	3/4					3/4
6	70,854	6	58,785	6	46,717	6	34,744	6	22,874	6	10,806	6	312	6					6
1/4	70,602	1/4	58,534	1/4	46,466	1/4	34,500	1/4	22,623	1/4	10,555	1/4	249	1/4					1/4
1/2	70,351	1/2	58,283	1/2	46,214	1/2	34,256	1/2	22,371	1/2	10,303	1/2	186	1/2					1/2
3/4	70,100	3/4	58,031	3/4	45,963	3/4	34,012	3/4	22,120	3/4	10,052	3/4	123	3/4					3/4
7	69,848	7	57,780	7	45,711	7	33,768	7	21,868	7	9,800	7	102	7					7
1/4	69,597	1/4	57,528	1/4	45,460	1/4	33,524	1/4	21,617	1/4	9,549	1/4	81	1/4					1/4
1/2	69,345	1/2	57,277	1/2	45,209	1/2	33,280	1/2	21,366	1/2	9,298	1/2	60	1/2					1/2
3/4	69,094	3/4	57,025	3/4	44,957	3/4	33,036	3/4	21,114	3/4	9,046	3/4	39	3/4					3/4
8	68,842	8	56,774	8	44,706	8	32,791	8	20,863	8	8,795	8		8					8
1/4	68,591	1/4	56,523	1/4	44,454	1/4	32,547	1/4	20,611	1/4	8,543	1/4		1/4					1/4
1/2	68,340	1/2	56,271	1/2	44,203	1/2	32,303	1/2	20,360	1/2	8,292	1/2		1/2					1/2
3/4	68,088	3/4	56,020	3/4	43,951	3/4	32,059	3/4	20,109	3/4	8,041	3/4		3/4					3/4
9	67,837	9	55,768	9	43,700	9	31,815	9	19,857	9	7,789	9		9					9
1/4	67,585	1/4	55,517	1/4	43,449	1/4	31,571	1/4	19,606	1/4	7,538	1/4		1/4					1/4
1/2	67,334	1/2	55,266	1/2	43,197	1/2	31,327	1/2	19,354	1/2	7,287	1/2		1/2					1/2
3/4	67,082	3/4	55,014	3/4	42,946	3/4	31,083	3/4	19,103	3/4	7,036	3/4		3/4					3/4
10	66,831	10	54,763	10	42,694	10	30,839	10	18,851	10	6,785	10		10					10
1/4	66,580	1/4	54,511	1/4	42,443	1/4	30,595	1/4	18,600	1/4	6,534	1/4		1/4					1/4
1/2	66,328	1/2	54,260	1/2	42,191	1/2	30,351	1/2	18,349	1/2	6,284	1/2		1/2					1/2
3/4	66,077	3/4	54,008	3/4	41,940	3/4	30,107	3/4	18,097	3/4	6,033	3/4		3/4					3/4
11	65,825	11	53,757	11	41,689	11	29,863	11	17,846	11	5,783	11		11					11
1/4	65,574	1/4	53,506	1/4	41,437	1/4	29,619	1/4	17,594	1/4	5,533	1/4		1/4					1/4
1/2	65,323	1/2	53,254	1/2	41,186	1/2	29,375	1/2	17,343	1/2	5,283	1/2		1/2					1/2
3/4	65,071	3/4	53,003	3/4	40,934	3/4	29,131	3/4	17,092	3/4	5,034	3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2015 SW  
CALCULATED: 09/29/2015 CL  
PRINTED: 09/29/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "CBC 1387"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	0	0	147,231	0	139,389	0	129,968	0	120,527	0	111,072	0	100,451	0	89,687	0	78,922		
1/4	1/4	1/4	147,215	1/4	139,192	1/4	129,772	1/4	120,330	1/4	110,875	1/4	100,226	1/4	89,462	1/4	78,698		
1/2	1/2	1/2	147,161	1/2	138,996	1/2	129,576	1/2	120,133	1/2	110,678	1/2	100,002	1/2	89,238	1/2	78,473		
3/4	3/4	3/4	147,108	3/4	138,799	3/4	129,380	3/4	119,936	3/4	110,481	3/4	99,778	3/4	89,014	3/4	78,249		
1	1	1	147,054	1	138,603	1	129,184	1	119,739	1	110,284	1	99,554	1	88,790	1	78,025		
1/4	1/4	1/4	147,001	1/4	138,406	1/4	128,989	1/4	119,542	1/4	110,087	1/4	99,329	1/4	88,565	1/4	77,801		
1/2	1/2	1/2	146,910	1/2	138,209	1/2	128,792	1/2	119,345	1/2	109,863	1/2	99,105	1/2	88,341	1/2	77,576		
3/4	3/4	3/4	146,819	3/4	138,013	3/4	128,595	3/4	119,147	3/4	109,639	3/4	98,881	3/4	88,117	3/4	77,352		
2	2	2	146,728	2	137,816	2	128,399	2	118,950	2	109,415	2	98,657	2	87,893	2	77,128		
1/4	1/4	1/4	146,637	1/4	137,620	1/4	128,202	1/4	118,753	1/4	109,191	1/4	98,432	1/4	87,668	1/4	76,903		
1/2	1/2	1/2	146,508	1/2	137,423	1/2	128,006	1/2	118,556	1/2	108,967	1/2	98,208	1/2	87,444	1/2	76,680		
3/4	3/4	3/4	146,380	3/4	137,227	3/4	127,809	3/4	118,359	3/4	108,743	3/4	97,984	3/4	87,220	3/4	76,456		
3	3	3	146,252	3	137,030	3	127,613	3	118,162	3	108,519	3	97,760	3	86,996	3	76,233		
1/4	1/4	1/4	146,123	1/4	136,834	1/4	127,416	1/4	117,965	1/4	108,295	1/4	97,535	1/4	86,771	1/4	76,009		
1/2	1/2	1/2	145,957	1/2	136,637	1/2	127,220	1/2	117,768	1/2	108,071	1/2	97,311	1/2	86,547	1/2	75,787		
3/4	3/4	3/4	145,791	3/4	136,441	3/4	127,023	3/4	117,571	3/4	107,847	3/4	97,087	3/4	86,323	3/4	75,564		
4	4	4	145,625	4	136,244	4	126,826	4	117,374	4	107,623	4	96,863	4	86,099	4	75,341		
1/4	1/4	1/4	145,459	1/4	136,047	1/4	126,630	1/4	117,177	1/4	107,399	1/4	96,638	1/4	85,874	1/4	75,118		
1/2	1/2	1/2	145,256	1/2	135,851	1/2	126,433	1/2	116,980	1/2	107,175	1/2	96,414	1/2	85,650	1/2	74,895		
3/4	3/4	3/4	145,053	3/4	135,654	3/4	126,237	3/4	116,783	3/4	106,951	3/4	96,190	3/4	85,426	3/4	74,672		
5	5	5	144,849	5	135,458	5	126,040	5	116,585	5	106,727	5	95,966	5	85,202	5	74,450		
1/4	1/4	1/4	144,646	1/4	135,261	1/4	125,844	1/4	116,388	1/4	106,503	1/4	95,741	1/4	84,977	1/4	74,227		
1/2	1/2	1/2	144,451	1/2	135,065	1/2	125,647	1/2	116,191	1/2	106,279	1/2	95,517	1/2	84,753	1/2	74,004		
3/4	3/4	3/4	144,257	3/4	134,868	3/4	125,451	3/4	115,994	3/4	106,055	3/4	95,293	3/4	84,529	3/4	73,781		
6	6	6	144,062	6	134,672	6	125,254	6	115,797	6	105,831	6	95,069	6	84,305	6	73,558		
1/4	1/4	1/4	143,868	1/4	134,475	1/4	125,058	1/4	115,600	1/4	105,607	1/4	94,844	1/4	84,080	1/4	73,335		
1/2	1/2	1/2	143,673	1/2	134,279	1/2	124,861	1/2	115,403	1/2	105,383	1/2	94,620	1/2	83,856	1/2	73,113		
3/4	3/4	3/4	143,479	3/4	134,082	3/4	124,664	3/4	115,206	3/4	105,159	3/4	94,396	3/4	83,632	3/4	72,890		
7	7	7	143,285	7	133,885	7	124,468	7	115,009	7	104,935	7	94,172	7	83,408	7	72,667		
1/4	1/4	1/4	143,090	1/4	133,689	1/4	124,271	1/4	114,812	1/4	104,711	1/4	93,947	1/4	83,183	1/4	72,444		
1/2	1/2	1/2	142,896	1/2	133,493	1/2	124,074	1/2	114,615	1/2	104,487	1/2	93,723	1/2	82,959	1/2	72,221		
3/4	3/4	3/4	142,701	3/4	133,297	3/4	123,877	3/4	114,418	3/4	104,263	3/4	93,499	3/4	82,735	3/4	71,998		
8	8	8	142,507	8	133,101	8	123,680	8	114,221	8	104,039	8	93,275	8	82,511	8	71,776		
1/4	1/4	1/4	142,312	1/4	132,905	1/4	123,483	1/4	114,024	1/4	103,814	1/4	93,050	1/4	82,286	1/4	71,553		
1/2	1/2	1/2	142,118	1/2	132,710	1/2	123,286	1/2	113,828	1/2	103,590	1/2	92,826	1/2	82,062	1/2	71,330		
3/4	3/4	3/4	141,923	3/4	132,514	3/4	123,089	3/4	113,631	3/4	103,366	3/4	92,602	3/4	81,838	3/4	71,107		
9	9	9	141,729	9	132,318	9	122,892	9	113,434	9	103,142	9	92,378	9	81,613	9	70,884		
1/4	1/4	1/4	141,534	1/4	132,122	1/4	122,695	1/4	113,237	1/4	102,917	1/4	92,153	1/4	81,389	1/4	70,661		
1/2	1/2	1/2	141,340	1/2	131,926	1/2	122,498	1/2	113,040	1/2	102,693	1/2	91,929	1/2	81,165	1/2	70,439		
3/4	3/4	3/4	141,145	3/4	131,730	3/4	122,301	3/4	112,843	3/4	102,469	3/4	91,705	3/4	80,941	3/4	70,216		
10	10	10	140,951	10	131,535	10	122,104	10	112,646	10	102,245	10	91,481	10	80,716	10	69,993		
1/4	1/4	1/4	140,756	1/4	131,339	1/4	121,906	1/4	112,450	1/4	102,020	1/4	91,256	1/4	80,492	1/4	69,770		
1/2	1/2	1/2	140,562	1/2	131,143	1/2	121,709	1/2	112,253	1/2	101,796	1/2	91,032	1/2	80,268	1/2	69,546		
3/4	3/4	3/4	140,367	3/4	130,947	3/4	121,512	3/4	112,056	3/4	101,572	3/4	90,808	3/4	80,043	3/4	69,323		
11	11	11	140,173	11	130,751	11	121,315	11	111,859	11	101,348	11	90,584	11	79,819	11	69,099		
1/4	1/4	1/4	147,279	1/4	139,978	1/4	130,555	1/4	121,118	1/4	111,662	1/4	101,123	1/4	90,359	1/4	79,595	1/4	68,876
1/2	1/2	1/2	147,263	1/2	139,782	1/2	130,359	1/2	120,921	1/2	111,465	1/2	100,899	1/2	90,135	1/2	79,371	1/2	68,652
3/4	3/4	3/4	147,247	3/4	139,585	3/4	130,164	3/4	120,724	3/4	111,268	3/4	100,675	3/4	89,911	3/4	79,146	3/4	68,429

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 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

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# BARGE "CBC 1387"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,205	0	57,447	0	46,687	0	35,926	0	25,368	0	14,609	0	3,837	0					0
1/4	67,981	1/4	57,223	1/4	46,462	1/4	35,702	1/4	25,149	1/4	14,384	1/4	3,615	1/4					1/4
1/2	67,758	1/2	56,999	1/2	46,238	1/2	35,478	1/2	24,930	1/2	14,160	1/2	3,395	1/2					1/2
3/4	67,534	3/4	56,775	3/4	46,014	3/4	35,253	3/4	24,711	3/4	13,935	3/4	3,174	3/4					3/4
1	67,311	1	56,551	1	45,790	1	35,029	1	24,493	1	13,710	1	2,954	1					1
1/4	67,087	1/4	56,326	1/4	45,566	1/4	34,805	1/4	24,274	1/4	13,485	1/4	2,734	1/4					1/4
1/2	66,863	1/2	56,102	1/2	45,342	1/2	34,581	1/2	24,049	1/2	13,261	1/2	2,528	1/2					1/2
3/4	66,639	3/4	55,878	3/4	45,117	3/4	34,357	3/4	23,824	3/4	13,036	3/4	2,323	3/4					3/4
2	66,414	2	55,654	2	44,893	2	34,133	2	23,600	2	12,811	2	2,117	2					2
1/4	66,190	1/4	55,430	1/4	44,669	1/4	33,908	1/4	23,375	1/4	12,586	1/4	1,912	1/4					1/4
1/2	65,966	1/2	55,205	1/2	44,445	1/2	33,684	1/2	23,150	1/2	12,362	1/2	1,743	1/2					1/2
3/4	65,742	3/4	54,981	3/4	44,221	3/4	33,460	3/4	22,925	3/4	12,137	3/4	1,575	3/4					3/4
3	65,518	3	54,757	3	43,996	3	33,236	3	22,701	3	11,912	3	1,406	3					3
1/4	65,294	1/4	54,533	1/4	43,772	1/4	33,012	1/4	22,476	1/4	11,687	1/4	1,238	1/4					1/4
1/2	65,069	1/2	54,309	1/2	43,548	1/2	32,793	1/2	22,251	1/2	11,462	1/2	1,107	1/2					1/2
3/4	64,845	3/4	54,085	3/4	43,324	3/4	32,575	3/4	22,026	3/4	11,238	3/4	976	3/4					3/4
4	64,621	4	53,860	4	43,100	4	32,357	4	21,802	4	11,013	4	845	4					4
1/4	64,397	1/4	53,636	1/4	42,876	1/4	32,138	1/4	21,577	1/4	10,788	1/4	714	1/4					1/4
1/2	64,173	1/2	53,412	1/2	42,651	1/2	31,920	1/2	21,352	1/2	10,563	1/2	620	1/2					1/2
3/4	63,948	3/4	53,188	3/4	42,427	3/4	31,701	3/4	21,127	3/4	10,339	3/4	526	3/4					3/4
5	63,724	5	52,964	5	42,203	5	31,483	5	20,902	5	10,114	5	433	5					5
1/4	63,500	1/4	52,739	1/4	41,979	1/4	31,265	1/4	20,678	1/4	9,889	1/4	339	1/4					1/4
1/2	63,276	1/2	52,515	1/2	41,755	1/2	31,046	1/2	20,453	1/2	9,664	1/2	283	1/2					1/2
3/4	63,052	3/4	52,291	3/4	41,530	3/4	30,828	3/4	20,228	3/4	9,440	3/4	227	3/4					3/4
6	62,828	6	52,067	6	41,306	6	30,610	6	20,003	6	9,215	6	170	6					6
1/4	62,603	1/4	51,843	1/4	41,082	1/4	30,391	1/4	19,779	1/4	8,990	1/4	114	1/4					1/4
1/2	62,379	1/2	51,619	1/2	40,858	1/2	30,173	1/2	19,554	1/2	8,765	1/2	96	1/2					1/2
3/4	62,155	3/4	51,394	3/4	40,634	3/4	29,955	3/4	19,329	3/4	8,541	3/4	77	3/4					3/4
7	61,931	7	51,170	7	40,410	7	29,736	7	19,104	7	8,316	7	58	7					7
1/4	61,707	1/4	50,946	1/4	40,185	1/4	29,518	1/4	18,880	1/4	8,091	1/4	39	1/4					1/4
1/2	61,482	1/2	50,722	1/2	39,961	1/2	29,299	1/2	18,655	1/2	7,866	1/2		1/2					1/2
3/4	61,258	3/4	50,498	3/4	39,737	3/4	29,081	3/4	18,430	3/4	7,642	3/4		3/4					3/4
8	61,034	8	50,273	8	39,513	8	28,863	8	18,205	8	7,417	8	8	8					8
1/4	60,810	1/4	50,049	1/4	39,289	1/4	28,644	1/4	17,981	1/4	7,192	1/4		1/4					1/4
1/2	60,586	1/2	49,825	1/2	39,065	1/2	28,426	1/2	17,756	1/2	6,968	1/2		1/2					1/2
3/4	60,362	3/4	49,601	3/4	38,840	3/4	28,208	3/4	17,531	3/4	6,743	3/4		3/4					3/4
9	60,137	9	49,377	9	38,616	9	27,989	9	17,306	9	6,518	9	9	9					9
1/4	59,913	1/4	49,153	1/4	38,392	1/4	27,771	1/4	17,082	1/4	6,294	1/4		1/4					1/4
1/2	59,689	1/2	48,928	1/2	38,168	1/2	27,552	1/2	16,857	1/2	6,070	1/2		1/2					1/2
3/4	59,465	3/4	48,704	3/4	37,944	3/4	27,334	3/4	16,632	3/4	5,846	3/4		3/4					3/4
10	59,241	10	48,480	10	37,719	10	27,116	10	16,407	10	5,621	10	10	10					10
1/4	59,016	1/4	48,256	1/4	37,495	1/4	26,897	1/4	16,182	1/4	5,397	1/4		1/4					1/4
1/2	58,792	1/2	48,032	1/2	37,271	1/2	26,679	1/2	15,958	1/2	5,174	1/2		1/2					1/2
3/4	58,568	3/4	47,808	3/4	37,047	3/4	26,461	3/4	15,733	3/4	4,951	3/4		3/4					3/4
11	58,344	11	47,583	11	36,823	11	26,242	11	15,508	11	4,727	11	11	11					11
1/4	58,120	1/4	47,359	1/4	36,599	1/4	26,024	1/4	15,283	1/4	4,504	1/4		1/4					1/4
1/2	57,896	1/2	47,135	1/2	36,374	1/2	25,805	1/2	15,059	1/2	4,282	1/2		1/2					1/2
3/4	57,671	3/4	46,911	3/4	36,150	3/4	25,586	3/4	14,834	3/4	4,059	3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/29/2015 SW  
CALCULATED: 09/29/2015 CL  
PRINTED: 09/29/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2015

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