



# BARGE "CBC 387"

## 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 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8
3 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 4'-00"  
 AFT DRAFT = 6'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 253'-09"

July 3, 2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 387"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	964	0	15,230	0	30,456	0	45,671	0	60,888	0	76,114	0	91,340	0	106,567	0	121,789	0	137,010
1/4	1,149	1/4	15,547	1/4	30,773	1/4	45,988	1/4	61,205	1/4	76,431	1/4	91,658	1/4	106,884	1/4	122,106	1/4	137,327
1/2	1,334	1/2	15,864	1/2	31,090	1/2	46,305	1/2	61,522	1/2	76,748	1/2	91,975	1/2	107,201	1/2	122,423	1/2	137,644
3/4	1,519	3/4	16,181	3/4	31,407	3/4	46,621	3/4	61,839	3/4	77,066	3/4	92,292	3/4	107,518	3/4	122,740	3/4	137,961
1	1,704	1	16,499	1	31,724	1	46,938	1	62,156	1	77,383	1	92,609	1	107,836	1	123,057	1	138,278
1/4	1,942	1/4	16,816	1/4	32,042	1/4	47,255	1/4	62,474	1/4	77,700	1/4	92,926	1/4	108,153	1/4	123,375	1/4	138,595
1/2	2,180	1/2	17,133	1/2	32,359	1/2	47,572	1/2	62,791	1/2	78,017	1/2	93,244	1/2	108,470	1/2	123,692	1/2	138,912
3/4	2,418	3/4	17,450	3/4	32,676	3/4	47,888	3/4	63,108	3/4	78,334	3/4	93,561	3/4	108,787	3/4	124,009	3/4	139,230
2	2,656	2	17,767	2	32,993	2	48,205	2	63,425	2	78,652	2	93,878	2	109,105	2	124,326	2	139,547
1/4	2,946	1/4	18,085	1/4	33,310	1/4	48,522	1/4	63,742	1/4	78,969	1/4	94,195	1/4	109,422	1/4	124,643	1/4	139,864
1/2	3,237	1/2	18,402	1/2	33,628	1/2	48,838	1/2	64,060	1/2	79,286	1/2	94,513	1/2	109,739	1/2	124,960	1/2	140,181
3/4	3,528	3/4	18,719	3/4	33,945	3/4	49,155	3/4	64,377	3/4	79,603	3/4	94,830	3/4	110,056	3/4	125,277	3/4	140,498
3	3,818	3	19,036	3	34,262	3	49,472	3	64,694	3	79,921	3	95,147	3	110,373	3	125,594	3	140,815
1/4	4,134	1/4	19,353	1/4	34,579	1/4	49,789	1/4	65,011	1/4	80,238	1/4	95,464	1/4	110,691	1/4	125,911	1/4	141,132
1/2	4,450	1/2	19,671	1/2	34,896	1/2	50,105	1/2	65,329	1/2	80,555	1/2	95,781	1/2	111,008	1/2	126,228	1/2	141,449
3/4	4,765	3/4	19,988	3/4	35,214	3/4	50,422	3/4	65,646	3/4	80,872	3/4	96,099	3/4	111,325	3/4	126,546	3/4	141,766
4	5,081	4	20,305	4	35,531	4	50,739	4	65,963	4	81,189	4	96,416	4	111,642	4	126,863	4	142,083
1/4	5,398	1/4	20,622	1/4	35,848	1/4	51,055	1/4	66,280	1/4	81,507	1/4	96,733	1/4	111,959	1/4	127,180	1/4	142,401
1/2	5,715	1/2	20,939	1/2	36,165	1/2	51,372	1/2	66,597	1/2	81,824	1/2	97,050	1/2	112,276	1/2	127,497	1/2	142,718
3/4	6,031	3/4	21,257	3/4	36,483	3/4	51,689	3/4	66,915	3/4	82,141	3/4	97,368	3/4	112,593	3/4	127,814	3/4	143,035
5	6,348	5	21,574	5	36,800	5	52,005	5	67,232	5	82,458	5	97,685	5	112,910	5	128,131	5	143,352
1/4	6,665	1/4	21,891	1/4	37,117	1/4	52,323	1/4	67,549	1/4	82,776	1/4	98,002	1/4	113,227	1/4	128,448	1/4	143,669
1/2	6,983	1/2	22,208	1/2	37,434	1/2	52,640	1/2	67,866	1/2	83,093	1/2	98,319	1/2	113,544	1/2	128,765	1/2	143,986
3/4	7,300	3/4	22,525	3/4	37,751	3/4	52,957	3/4	68,184	3/4	83,410	3/4	98,636	3/4	113,862	3/4	129,082	3/4	144,303
6	7,617	6	22,843	6	38,069	6	53,274	6	68,501	6	83,727	6	98,954	6	114,179	6	129,399	6	144,620
1/4	7,934	1/4	23,160	1/4	38,386	1/4	53,591	1/4	68,818	1/4	84,044	1/4	99,271	1/4	114,496	1/4	129,717	1/4	144,937
1/2	8,251	1/2	23,477	1/2	38,703	1/2	53,909	1/2	69,135	1/2	84,362	1/2	99,588	1/2	114,813	1/2	130,034	1/2	145,254
3/4	8,568	3/4	23,794	3/4	39,020	3/4	54,226	3/4	69,452	3/4	84,679	3/4	99,905	3/4	115,130	3/4	130,351	3/4	145,572
7	8,886	7	24,112	7	39,337	7	54,543	7	69,770	7	84,996	7	100,222	7	115,447	7	130,668	7	145,889
1/4	9,203	1/4	24,429	1/4	39,654	1/4	54,860	1/4	70,087	1/4	85,313	1/4	100,540	1/4	115,764	1/4	130,985	1/4	146,206
1/2	9,520	1/2	24,746	1/2	39,971	1/2	55,178	1/2	70,404	1/2	85,630	1/2	100,857	1/2	116,081	1/2	131,302	1/2	146,523
3/4	9,837	3/4	25,063	3/4	40,287	3/4	55,495	3/4	70,721	3/4	85,948	3/4	101,174	3/4	116,398	3/4	131,619	3/4	146,840
8	10,155	8	25,380	8	40,604	8	55,812	8	71,038	8	86,265	8	101,491	8	116,715	8	131,936	8	147,157
1/4	10,472	1/4	25,698	1/4	40,921	1/4	56,129	1/4	71,356	1/4	86,582	1/4	101,809	1/4	117,033	1/4	132,253	1/4	147,474
1/2	10,789	1/2	26,015	1/2	41,238	1/2	56,446	1/2	71,673	1/2	86,899	1/2	102,126	1/2	117,350	1/2	132,570	1/2	147,791
3/4	11,106	3/4	26,332	3/4	41,554	3/4	56,764	3/4	71,990	3/4	87,217	3/4	102,443	3/4	117,667	3/4	132,888	3/4	148,108
9	11,423	9	26,649	9	41,871	9	57,081	9	72,307	9	87,534	9	102,760	9	117,984	9	133,205	9	148,425
1/4	11,741	1/4	26,966	1/4	42,188	1/4	57,398	1/4	72,625	1/4	87,851	1/4	103,077	1/4	118,301	1/4	133,522	1/4	148,743
1/2	12,058	1/2	27,284	1/2	42,504	1/2	57,715	1/2	72,942	1/2	88,168	1/2	103,395	1/2	118,618	1/2	133,839	1/2	149,060
3/4	12,375	3/4	27,601	3/4	42,821	3/4	58,033	3/4	73,259	3/4	88,485	3/4	103,712	3/4	118,935	3/4	134,156	3/4	149,377
10	12,692	10	27,918	10	43,138	10	58,350	10	73,576	10	88,803	10	104,029	10	119,252	10	134,473	10	149,694
1/4	13,009	1/4	28,235	1/4	43,454	1/4	58,667	1/4	73,893	1/4	89,120	1/4	104,346	1/4	119,569	1/4	134,790	1/4	150,011
1/2	13,327	1/2	28,552	1/2	43,771	1/2	58,984	1/2	74,211	1/2	89,437	1/2	104,664	1/2	119,886	1/2	135,107	1/2	150,328
3/4	13,644	3/4	28,870	3/4	44,088	3/4	59,301	3/4	74,528	3/4	89,754	3/4	104,981	3/4	120,204	3/4	135,424	3/4	150,645
11	13,961	11	29,187	11	44,405	11	59,619	11	74,845	11	90,072	11	105,298	11	120,521	11	135,741	11	150,962
1/4	14,278	1/4	29,504	1/4	44,721	1/4	59,936	1/4	75,162	1/4	90,389	1/4	105,615	1/4	120,838	1/4	136,059	1/4	151,279
1/2	14,595	1/2	29,821	1/2	45,038	1/2	60,253	1/2	75,480	1/2	90,706	1/2	105,932	1/2	121,155	1/2	136,376	1/2	151,596
3/4	14,913	3/4	30,138	3/4	45,355	3/4	60,570	3/4	75,797	3/4	91,023	3/4	106,250	3/4	121,472	3/4	136,693	3/4	151,914

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
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# BARGE "CBC 387"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,231	0	167,451	0	182,672	0	197,690	0	211,943	0		0		0		0		0	
1/4	152,548	1/4	167,769	1/4	182,989	1/4	197,995	1/4	212,229	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,865	1/2	168,086	1/2	183,306	1/2	198,300	1/2	212,515	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,182	3/4	168,403	3/4	183,624	3/4	198,606	3/4	212,801	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,499	1	168,720	1	183,941	1	198,911	1	213,087	1	1	1	1	1	1	1	1	1	1
1/4	153,816	1/4	169,037	1/4	184,258	1/4	199,214	1/4	213,372	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,133	1/2	169,354	1/2	184,575	1/2	199,516	1/2	213,657	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,450	3/4	169,671	3/4	184,892	3/4	199,819	3/4	213,942	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,767	2	169,988	2	185,209	2	200,122	2	214,226	2	2	2	2	2	2	2	2	2	2
1/4	155,085	1/4	170,305	1/4	185,526	1/4	200,423	1/4	214,510	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,402	1/2	170,622	1/2	185,843	1/2	200,725	1/2	214,793	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,719	3/4	170,940	3/4	186,160	3/4	201,026	3/4	215,077	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	156,036	3	171,257	3	186,477	3	201,328	3	215,360	3	3	3	3	3	3	3	3	3	3
1/4	156,353	1/4	171,574	1/4	186,794	1/4	201,628	1/4	215,642	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,670	1/2	171,891	1/2	187,111	1/2	201,928	1/2	215,924	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,987	3/4	172,208	3/4	187,427	3/4	202,228	3/4	216,206	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,304	4	172,525	4	187,744	4	202,528	4	216,487	4	4	4	4	4	4	4	4	4	4
1/4	157,621	1/4	172,842	1/4	188,059	1/4	202,827	1/4	216,767	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,938	1/2	173,159	1/2	188,374	1/2	203,126	1/2	217,046	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,256	3/4	173,476	3/4	188,689	3/4	203,425	3/4	217,326	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,573	5	173,793	5	189,004	5	203,724	5	217,605	5	5	5	5	5	5	5	5	5	5
1/4	158,890	1/4	174,111	1/4	189,318	1/4	204,022	1/4	217,858	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,207	1/2	174,428	1/2	189,632	1/2	204,319	1/2	218,112	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,524	3/4	174,745	3/4	189,946	3/4	204,617	3/4	218,365	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,841	6	175,062	6	190,260	6	204,915	6	218,618	6	6	6	6	6	6	6	6	6	6
1/4	160,158	1/4	175,379	1/4	190,573	1/4	205,211	1/4	218,852	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,475	1/2	175,696	1/2	190,886	1/2	205,508	1/2	219,085	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,792	3/4	176,013	3/4	191,198	3/4	205,804	3/4	219,319	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,109	7	176,330	7	191,511	7	206,101	7	219,553	7	7	7	7	7	7	7	7	7	7
1/4	161,427	1/4	176,647	1/4	191,823	1/4	206,396	1/4	219,735	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,744	1/2	176,964	1/2	192,134	1/2	206,691	1/2	219,917	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,061	3/4	177,282	3/4	192,446	3/4	206,986	3/4	220,099	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,378	8	177,599	8	192,757	8	207,281	8	220,281	8	8	8	8	8	8	8	8	8	8
1/4	162,695	1/4	177,916	1/4	193,067	1/4	207,575	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,012	1/2	178,233	1/2	193,377	1/2	207,869	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,329	3/4	178,550	3/4	193,688	3/4	208,163	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,646	9	178,867	9	193,998	9	208,457	9		9	9	9	9	9	9	9	9	9	9
1/4	163,963	1/4	179,184	1/4	194,307	1/4	208,750	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,280	1/2	179,501	1/2	194,616	1/2	209,043	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,598	3/4	179,818	3/4	194,925	3/4	209,335	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,915	10	180,135	10	195,234	10	209,628	10		10	10	10	10	10	10	10	10	10	10
1/4	165,232	1/4	180,453	1/4	195,541	1/4	209,920	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,549	1/2	180,770	1/2	195,849	1/2	210,211	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,866	3/4	181,087	3/4	196,157	3/4	210,503	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,183	11	181,404	11	196,464	11	210,794	11		11	11	11	11	11	11	11	11	11	11
1/4	166,500	1/4	181,721	1/4	196,771	1/4	211,082	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,817	1/2	182,038	1/2	197,077	1/2	211,369	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,134	3/4	182,355	3/4	197,384	3/4	211,656	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

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



# BARGE "CBC 387"

# 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	964	0	15,228	0	30,452	0	45,626	0	60,801	0	76,025	0	91,250	0	106,474	0	121,695	0	136,914
1/4	1,149	1/4	15,545	1/4	30,769	1/4	45,941	1/4	61,118	1/4	76,342	1/4	91,567	1/4	106,792	1/4	122,012	1/4	137,231
1/2	1,334	1/2	15,862	1/2	31,086	1/2	46,256	1/2	61,435	1/2	76,660	1/2	91,884	1/2	107,109	1/2	122,329	1/2	137,548
3/4	1,519	3/4	16,179	3/4	31,404	3/4	46,571	3/4	61,752	3/4	76,977	3/4	92,201	3/4	107,426	3/4	122,646	3/4	137,865
1	1,704	1	16,497	1	31,721	1	46,886	1	62,069	1	77,294	1	92,519	1	107,743	1	122,963	1	138,182
1/4	1,942	1/4	16,814	1/4	32,038	1/4	47,201	1/4	62,386	1/4	77,611	1/4	92,836	1/4	108,060	1/4	123,280	1/4	138,499
1/2	2,180	1/2	17,131	1/2	32,355	1/2	47,516	1/2	62,704	1/2	77,928	1/2	93,153	1/2	108,378	1/2	123,597	1/2	138,816
3/4	2,417	3/4	17,448	3/4	32,672	3/4	47,831	3/4	63,021	3/4	78,245	3/4	93,470	3/4	108,695	3/4	123,914	3/4	139,133
2	2,655	2	17,765	2	32,989	2	48,146	2	63,338	2	78,563	2	93,787	2	109,012	2	124,231	2	139,450
1/4	2,946	1/4	18,082	1/4	33,307	1/4	48,461	1/4	63,655	1/4	78,880	1/4	94,104	1/4	109,329	1/4	124,548	1/4	139,767
1/2	3,237	1/2	18,400	1/2	33,624	1/2	48,776	1/2	63,972	1/2	79,197	1/2	94,422	1/2	109,646	1/2	124,865	1/2	140,084
3/4	3,527	3/4	18,717	3/4	33,941	3/4	49,091	3/4	64,290	3/4	79,514	3/4	94,739	3/4	109,963	3/4	125,183	3/4	140,402
3	3,818	3	19,034	3	34,258	3	49,406	3	64,607	3	79,831	3	95,056	3	110,281	3	125,500	3	140,719
1/4	4,134	1/4	19,351	1/4	34,575	1/4	49,721	1/4	64,924	1/4	80,149	1/4	95,373	1/4	110,598	1/4	125,817	1/4	141,036
1/2	4,449	1/2	19,668	1/2	34,892	1/2	50,036	1/2	65,241	1/2	80,466	1/2	95,690	1/2	110,915	1/2	126,134	1/2	141,353
3/4	4,765	3/4	19,985	3/4	35,210	3/4	50,351	3/4	65,558	3/4	80,783	3/4	96,008	3/4	111,232	3/4	126,451	3/4	141,670
4	5,081	4	20,303	4	35,527	4	50,666	4	65,875	4	81,100	4	96,325	4	111,549	4	126,768	4	141,987
1/4	5,397	1/4	20,620	1/4	35,844	1/4	50,981	1/4	66,193	1/4	81,417	1/4	96,642	1/4	111,866	1/4	127,085	1/4	142,304
1/2	5,714	1/2	20,937	1/2	36,161	1/2	51,296	1/2	66,510	1/2	81,734	1/2	96,959	1/2	112,183	1/2	127,402	1/2	142,621
3/4	6,031	3/4	21,254	3/4	36,478	3/4	51,611	3/4	66,827	3/4	82,052	3/4	97,276	3/4	112,500	3/4	127,719	3/4	142,938
5	6,347	5	21,571	5	36,795	5	51,926	5	67,144	5	82,369	5	97,593	5	112,817	5	128,036	5	143,255
1/4	6,665	1/4	21,888	1/4	37,113	1/4	52,242	1/4	67,461	1/4	82,686	1/4	97,911	1/4	113,134	1/4	128,353	1/4	143,572
1/2	6,982	1/2	22,206	1/2	37,430	1/2	52,557	1/2	67,779	1/2	83,003	1/2	98,228	1/2	113,451	1/2	128,670	1/2	143,889
3/4	7,299	3/4	22,523	3/4	37,747	3/4	52,873	3/4	68,096	3/4	83,320	3/4	98,545	3/4	113,768	3/4	128,987	3/4	144,206
6	7,616	6	22,840	6	38,064	6	53,188	6	68,413	6	83,638	6	98,862	6	114,085	6	129,304	6	144,523
1/4	7,933	1/4	23,157	1/4	38,380	1/4	53,505	1/4	68,730	1/4	83,955	1/4	99,179	1/4	114,402	1/4	129,621	1/4	144,840
1/2	8,250	1/2	23,474	1/2	38,695	1/2	53,823	1/2	69,047	1/2	84,272	1/2	99,496	1/2	114,719	1/2	129,938	1/2	145,157
3/4	8,567	3/4	23,791	3/4	39,011	3/4	54,140	3/4	69,364	3/4	84,589	3/4	99,814	3/4	115,037	3/4	130,256	3/4	145,475
7	8,885	7	24,109	7	39,326	7	54,457	7	69,682	7	84,906	7	100,131	7	115,354	7	130,573	7	145,792
1/4	9,202	1/4	24,426	1/4	39,641	1/4	54,774	1/4	69,999	1/4	85,223	1/4	100,448	1/4	115,671	1/4	130,890	1/4	146,109
1/2	9,519	1/2	24,743	1/2	39,956	1/2	55,091	1/2	70,316	1/2	85,541	1/2	100,765	1/2	115,988	1/2	131,207	1/2	146,426
3/4	9,836	3/4	25,060	3/4	40,271	3/4	55,409	3/4	70,633	3/4	85,858	3/4	101,082	3/4	116,305	3/4	131,524	3/4	146,743
8	10,153	8	25,377	8	40,586	8	55,726	8	70,950	8	86,175	8	101,400	8	116,622	8	131,841	8	147,060
1/4	10,470	1/4	25,694	1/4	40,901	1/4	56,043	1/4	71,267	1/4	86,492	1/4	101,717	1/4	116,939	1/4	132,158	1/4	147,377
1/2	10,788	1/2	26,012	1/2	41,216	1/2	56,360	1/2	71,585	1/2	86,809	1/2	102,034	1/2	117,256	1/2	132,475	1/2	147,694
3/4	11,105	3/4	26,329	3/4	41,531	3/4	56,677	3/4	71,902	3/4	87,126	3/4	102,351	3/4	117,573	3/4	132,792	3/4	148,011
9	11,422	9	26,646	9	41,846	9	56,994	9	72,219	9	87,444	9	102,668	9	117,890	9	133,109	9	148,328
1/4	11,739	1/4	26,963	1/4	42,161	1/4	57,312	1/4	72,536	1/4	87,761	1/4	102,985	1/4	118,207	1/4	133,426	1/4	148,645
1/2	12,056	1/2	27,280	1/2	42,476	1/2	57,629	1/2	72,853	1/2	88,078	1/2	103,303	1/2	118,524	1/2	133,743	1/2	148,962
3/4	12,373	3/4	27,597	3/4	42,791	3/4	57,946	3/4	73,171	3/4	88,395	3/4	103,620	3/4	118,841	3/4	134,060	3/4	149,279
10	12,691	10	27,915	10	43,106	10	58,263	10	73,488	10	88,712	10	103,937	10	119,158	10	134,377	10	149,596
1/4	13,008	1/4	28,232	1/4	43,421	1/4	58,580	1/4	73,805	1/4	89,030	1/4	104,254	1/4	119,475	1/4	134,694	1/4	149,913
1/2	13,325	1/2	28,549	1/2	43,736	1/2	58,897	1/2	74,122	1/2	89,347	1/2	104,571	1/2	119,792	1/2	135,011	1/2	150,230
3/4	13,642	3/4	28,866	3/4	44,051	3/4	59,215	3/4	74,439	3/4	89,664	3/4	104,889	3/4	120,110	3/4	135,329	3/4	150,548
11	13,959	11	29,183	11	44,366	11	59,532	11	74,756	11	89,981	11	105,206	11	120,427	11	135,646	11	150,865
1/4	14,276	1/4	29,500	1/4	44,681	1/4	59,849	1/4	75,074	1/4	90,298	1/4	105,523	1/4	120,744	1/4	135,963	1/4	151,182
1/2	14,594	1/2	29,818	1/2	44,996	1/2	60,166	1/2	75,391	1/2	90,615	1/2	105,840	1/2	121,061	1/2	136,280	1/2	151,499
3/4	14,911	3/4	30,135	3/4	45,311	3/4	60,483	3/4	75,708	3/4	90,933	3/4	106,157	3/4	121,378	3/4	136,597	3/4	151,816

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 387"

**1 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	152,133	0	167,352	0	182,571	0	197,587	0	211,838	0		0		0		0		0	
1/4	152,450	1/4	167,669	1/4	182,888	1/4	197,892	1/4	212,124	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,767	1/2	167,986	1/2	183,205	1/2	198,197	1/2	212,410	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,084	3/4	168,303	3/4	183,522	3/4	198,502	3/4	212,696	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,401	1	168,620	1	183,839	1	198,807	1	212,982	1	1	1	1	1	1	1	1	1	1
1/4	153,718	1/4	168,937	1/4	184,156	1/4	199,110	1/4	213,267	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,035	1/2	169,254	1/2	184,473	1/2	199,413	1/2	213,552	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,352	3/4	169,571	3/4	184,790	3/4	199,715	3/4	213,836	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,669	2	169,888	2	185,107	2	200,018	2	214,121	2	2	2	2	2	2	2	2	2	2
1/4	154,986	1/4	170,205	1/4	185,424	1/4	200,320	1/4	214,404	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,303	1/2	170,522	1/2	185,741	1/2	200,621	1/2	214,688	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,621	3/4	170,840	3/4	186,059	3/4	200,922	3/4	214,971	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,938	3	171,157	3	186,376	3	201,224	3	215,255	3	3	3	3	3	3	3	3	3	3
1/4	156,255	1/4	171,474	1/4	186,692	1/4	201,524	1/4	215,536	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,572	1/2	171,791	1/2	187,009	1/2	201,824	1/2	215,818	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,889	3/4	172,108	3/4	187,325	3/4	202,124	3/4	216,100	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,206	4	172,425	4	187,641	4	202,424	4	216,382	4	4	4	4	4	4	4	4	4	4
1/4	157,523	1/4	172,742	1/4	187,957	1/4	202,723	1/4	216,661	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,840	1/2	173,059	1/2	188,272	1/2	203,022	1/2	216,941	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,157	3/4	173,376	3/4	188,587	3/4	203,321	3/4	217,220	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,474	5	173,693	5	188,902	5	203,620	5	217,499	5	5	5	5	5	5	5	5	5	5
1/4	158,791	1/4	174,010	1/4	189,216	1/4	203,918	1/4	217,753	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,108	1/2	174,327	1/2	189,530	1/2	204,215	1/2	218,006	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,425	3/4	174,644	3/4	189,844	3/4	204,513	3/4	218,259	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,742	6	174,961	6	190,158	6	204,811	6	218,512	6	6	6	6	6	6	6	6	6	6
1/4	160,059	1/4	175,278	1/4	190,471	1/4	205,107	1/4	218,746	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,376	1/2	175,595	1/2	190,783	1/2	205,403	1/2	218,979	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,694	3/4	175,913	3/4	191,096	3/4	205,700	3/4	219,213	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,011	7	176,230	7	191,409	7	205,996	7	219,447	7	7	7	7	7	7	7	7	7	7
1/4	161,328	1/4	176,547	1/4	191,720	1/4	206,291	1/4	219,629	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,645	1/2	176,864	1/2	192,031	1/2	206,587	1/2	219,811	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,962	3/4	177,181	3/4	192,343	3/4	206,882	3/4	219,992	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,279	8	177,498	8	192,654	8	207,177	8	220,174	8	8	8	8	8	8	8	8	8	8
1/4	162,596	1/4	177,815	1/4	192,964	1/4	207,471	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,913	1/2	178,132	1/2	193,275	1/2	207,765	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,230	3/4	178,449	3/4	193,585	3/4	208,059	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,547	9	178,766	9	193,895	9	208,352	9		9	9	9	9	9	9	9	9	9	9
1/4	163,864	1/4	179,083	1/4	194,204	1/4	208,645	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,181	1/2	179,400	1/2	194,513	1/2	208,938	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,498	3/4	179,717	3/4	194,822	3/4	209,231	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,815	10	180,034	10	195,131	10	209,523	10		10	10	10	10	10	10	10	10	10	10
1/4	165,132	1/4	180,351	1/4	195,438	1/4	209,815	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,449	1/2	180,668	1/2	195,746	1/2	210,106	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,767	3/4	180,986	3/4	196,054	3/4	210,398	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,084	11	181,303	11	196,361	11	210,689	11		11	11	11	11	11	11	11	11	11	11
1/4	166,401	1/4	181,620	1/4	196,668	1/4	210,977	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,718	1/2	181,937	1/2	196,974	1/2	211,264	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,035	3/4	182,254	3/4	197,280	3/4	211,551	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

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



# BARGE "CBC 387"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	961	0	15,181	0	30,357	0	45,524	0	60,690	0	75,867	0	91,044	0	106,221	0	121,394	0	136,566
1/4	1,145	1/4	15,497	1/4	30,673	1/4	45,839	1/4	61,007	1/4	76,184	1/4	91,361	1/4	106,538	1/4	121,711	1/4	136,882
1/2	1,330	1/2	15,813	1/2	30,990	1/2	46,155	1/2	61,323	1/2	76,500	1/2	91,677	1/2	106,854	1/2	122,027	1/2	137,198
3/4	1,514	3/4	16,129	3/4	31,306	3/4	46,471	3/4	61,639	3/4	76,816	3/4	91,993	3/4	107,170	3/4	122,343	3/4	137,514
1	1,699	1	16,445	1	31,622	1	46,786	1	61,955	1	77,132	1	92,309	1	107,486	1	122,659	1	137,830
1/4	1,936	1/4	16,761	1/4	31,938	1/4	47,102	1/4	62,271	1/4	77,448	1/4	92,625	1/4	107,802	1/4	122,975	1/4	138,146
1/2	2,173	1/2	17,078	1/2	32,254	1/2	47,418	1/2	62,588	1/2	77,765	1/2	92,942	1/2	108,119	1/2	123,291	1/2	138,463
3/4	2,410	3/4	17,394	3/4	32,570	3/4	47,733	3/4	62,904	3/4	78,081	3/4	93,258	3/4	108,435	3/4	123,607	3/4	138,779
2	2,647	2	17,710	2	32,887	2	48,049	2	63,220	2	78,397	2	93,574	2	108,751	2	123,923	2	139,095
1/4	2,937	1/4	18,026	1/4	33,203	1/4	48,365	1/4	63,536	1/4	78,713	1/4	93,890	1/4	109,067	1/4	124,239	1/4	139,411
1/2	3,227	1/2	18,342	1/2	33,519	1/2	48,680	1/2	63,852	1/2	79,029	1/2	94,206	1/2	109,383	1/2	124,555	1/2	139,727
3/4	3,516	3/4	18,659	3/4	33,835	3/4	48,996	3/4	64,168	3/4	79,345	3/4	94,523	3/4	109,700	3/4	124,871	3/4	140,043
3	3,806	3	18,975	3	34,151	3	49,312	3	64,485	3	79,662	3	94,839	3	110,016	3	125,187	3	140,359
1/4	4,121	1/4	19,291	1/4	34,468	1/4	49,627	1/4	64,801	1/4	79,978	1/4	95,155	1/4	110,332	1/4	125,503	1/4	140,675
1/2	4,435	1/2	19,607	1/2	34,784	1/2	49,943	1/2	65,117	1/2	80,294	1/2	95,471	1/2	110,648	1/2	125,820	1/2	140,991
3/4	4,750	3/4	19,923	3/4	35,100	3/4	50,259	3/4	65,433	3/4	80,610	3/4	95,787	3/4	110,964	3/4	126,136	3/4	141,307
4	5,065	4	20,239	4	35,416	4	50,574	4	65,749	4	80,926	4	96,103	4	111,280	4	126,452	4	141,623
1/4	5,381	1/4	20,556	1/4	35,732	1/4	50,890	1/4	66,066	1/4	81,243	1/4	96,420	1/4	111,596	1/4	126,768	1/4	141,939
1/2	5,696	1/2	20,872	1/2	36,048	1/2	51,206	1/2	66,382	1/2	81,559	1/2	96,736	1/2	111,912	1/2	127,084	1/2	142,255
3/4	6,012	3/4	21,188	3/4	36,365	3/4	51,521	3/4	66,698	3/4	81,875	3/4	97,052	3/4	112,228	3/4	127,400	3/4	142,571
5	6,328	5	21,504	5	36,681	5	51,837	5	67,014	5	82,191	5	97,368	5	112,544	5	127,716	5	142,888
1/4	6,644	1/4	21,820	1/4	36,997	1/4	52,153	1/4	67,330	1/4	82,507	1/4	97,684	1/4	112,860	1/4	128,032	1/4	143,204
1/2	6,960	1/2	22,137	1/2	37,313	1/2	52,469	1/2	67,647	1/2	82,824	1/2	98,001	1/2	113,177	1/2	128,348	1/2	143,520
3/4	7,276	3/4	22,453	3/4	37,629	3/4	52,786	3/4	67,963	3/4	83,140	3/4	98,317	3/4	113,493	3/4	128,664	3/4	143,836
6	7,592	6	22,769	6	37,946	6	53,102	6	68,279	6	83,456	6	98,633	6	113,809	6	128,980	6	144,152
1/4	7,908	1/4	23,085	1/4	38,262	1/4	53,418	1/4	68,595	1/4	83,772	1/4	98,949	1/4	114,125	1/4	129,296	1/4	144,468
1/2	8,225	1/2	23,401	1/2	38,578	1/2	53,734	1/2	68,911	1/2	84,088	1/2	99,265	1/2	114,441	1/2	129,612	1/2	144,784
3/4	8,541	3/4	23,717	3/4	38,894	3/4	54,050	3/4	69,227	3/4	84,405	3/4	99,582	3/4	114,757	3/4	129,928	3/4	145,100
7	8,857	7	24,034	7	39,210	7	54,367	7	69,544	7	84,721	7	99,898	7	115,073	7	130,245	7	145,416
1/4	9,173	1/4	24,350	1/4	39,526	1/4	54,683	1/4	69,860	1/4	85,037	1/4	100,214	1/4	115,389	1/4	130,561	1/4	145,732
1/2	9,489	1/2	24,666	1/2	39,842	1/2	54,999	1/2	70,176	1/2	85,353	1/2	100,530	1/2	115,705	1/2	130,877	1/2	146,048
3/4	9,805	3/4	24,982	3/4	40,157	3/4	55,315	3/4	70,492	3/4	85,669	3/4	100,846	3/4	116,021	3/4	131,193	3/4	146,364
8	10,122	8	25,298	8	40,473	8	55,631	8	70,808	8	85,985	8	101,162	8	116,337	8	131,509	8	146,680
1/4	10,438	1/4	25,614	1/4	40,789	1/4	55,948	1/4	71,125	1/4	86,302	1/4	101,479	1/4	116,653	1/4	131,825	1/4	146,997
1/2	10,754	1/2	25,931	1/2	41,104	1/2	56,264	1/2	71,441	1/2	86,618	1/2	101,795	1/2	116,969	1/2	132,141	1/2	147,313
3/4	11,070	3/4	26,247	3/4	41,420	3/4	56,580	3/4	71,757	3/4	86,934	3/4	102,111	3/4	117,285	3/4	132,457	3/4	147,629
9	11,386	9	26,563	9	41,736	9	56,896	9	72,073	9	87,250	9	102,427	9	117,602	9	132,773	9	147,945
1/4	11,703	1/4	26,879	1/4	42,051	1/4	57,212	1/4	72,389	1/4	87,566	1/4	102,743	1/4	117,918	1/4	133,089	1/4	148,261
1/2	12,019	1/2	27,195	1/2	42,367	1/2	57,528	1/2	72,706	1/2	87,883	1/2	103,060	1/2	118,234	1/2	133,405	1/2	148,577
3/4	12,335	3/4	27,512	3/4	42,683	3/4	57,845	3/4	73,022	3/4	88,199	3/4	103,376	3/4	118,550	3/4	133,721	3/4	148,893
10	12,651	10	27,828	10	42,998	10	58,161	10	73,338	10	88,515	10	103,692	10	118,866	10	134,037	10	149,209
1/4	12,967	1/4	28,144	1/4	43,314	1/4	58,477	1/4	73,654	1/4	88,831	1/4	104,008	1/4	119,182	1/4	134,354	1/4	149,525
1/2	13,283	1/2	28,460	1/2	43,630	1/2	58,793	1/2	73,970	1/2	89,147	1/2	104,324	1/2	119,498	1/2	134,670	1/2	149,841
3/4	13,600	3/4	28,776	3/4	43,945	3/4	59,109	3/4	74,286	3/4	89,464	3/4	104,641	3/4	119,814	3/4	134,986	3/4	150,157
11	13,916	11	29,092	11	44,261	11	59,426	11	74,603	11	89,780	11	104,957	11	120,130	11	135,302	11	150,473
1/4	14,232	1/4	29,409	1/4	44,577	1/4	59,742	1/4	74,919	1/4	90,096	1/4	105,273	1/4	120,446	1/4	135,618	1/4	150,789
1/2	14,548	1/2	29,725	1/2	44,892	1/2	60,058	1/2	75,235	1/2	90,412	1/2	105,589	1/2	120,762	1/2	135,934	1/2	151,106
3/4	14,864	3/4	30,041	3/4	45,208	3/4	60,374	3/4	75,551	3/4	90,728	3/4	105,905	3/4	121,078	3/4	136,250	3/4	151,422

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 387"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,738	0	166,909	0	182,081	0	197,050	0	211,258	0		0		0		0		0	
1/4	152,054	1/4	167,225	1/4	182,397	1/4	197,355	1/4	211,543	1/4		1/4		1/4		1/4		1/4	
1/2	152,370	1/2	167,541	1/2	182,713	1/2	197,659	1/2	211,828	1/2		1/2		1/2		1/2		1/2	
3/4	152,686	3/4	167,857	3/4	183,029	3/4	197,963	3/4	212,113	3/4		3/4		3/4		3/4		3/4	
1	153,002	1	168,174	1	183,345	1	198,267	1	212,398	1		1		1		1		1	
1/4	153,318	1/4	168,490	1/4	183,661	1/4	198,569	1/4	212,682	1/4		1/4		1/4		1/4		1/4	
1/2	153,634	1/2	168,806	1/2	183,977	1/2	198,871	1/2	212,966	1/2		1/2		1/2		1/2		1/2	
3/4	153,950	3/4	169,122	3/4	184,293	3/4	199,172	3/4	213,250	3/4		3/4		3/4		3/4		3/4	
2	154,266	2	169,438	2	184,609	2	199,474	2	213,534	2		2		2		2		2	
1/4	154,582	1/4	169,754	1/4	184,926	1/4	199,775	1/4	213,816	1/4		1/4		1/4		1/4		1/4	
1/2	154,898	1/2	170,070	1/2	185,242	1/2	200,075	1/2	214,099	1/2		1/2		1/2		1/2		1/2	
3/4	155,214	3/4	170,386	3/4	185,558	3/4	200,376	3/4	214,381	3/4		3/4		3/4		3/4		3/4	
3	155,531	3	170,702	3	185,874	3	200,676	3	214,664	3		3		3		3		3	
1/4	155,847	1/4	171,018	1/4	186,189	1/4	200,975	1/4	214,945	1/4		1/4		1/4		1/4		1/4	
1/2	156,163	1/2	171,334	1/2	186,505	1/2	201,275	1/2	215,226	1/2		1/2		1/2		1/2		1/2	
3/4	156,479	3/4	171,650	3/4	186,820	3/4	201,574	3/4	215,507	3/4		3/4		3/4		3/4		3/4	
4	156,795	4	171,966	4	187,136	4	201,873	4	215,788	4		4		4		4		4	
1/4	157,111	1/4	172,283	1/4	187,450	1/4	202,171	1/4	216,066	1/4		1/4		1/4		1/4		1/4	
1/2	157,427	1/2	172,599	1/2	187,764	1/2	202,469	1/2	216,345	1/2		1/2		1/2		1/2		1/2	
3/4	157,743	3/4	172,915	3/4	188,078	3/4	202,767	3/4	216,623	3/4		3/4		3/4		3/4		3/4	
5	158,059	5	173,231	5	188,393	5	203,065	5	216,902	5		5		5		5		5	
1/4	158,375	1/4	173,547	1/4	188,706	1/4	203,362	1/4	217,154	1/4		1/4		1/4		1/4		1/4	
1/2	158,691	1/2	173,863	1/2	189,018	1/2	203,658	1/2	217,407	1/2		1/2		1/2		1/2		1/2	
3/4	159,007	3/4	174,179	3/4	189,331	3/4	203,955	3/4	217,659	3/4		3/4		3/4		3/4		3/4	
6	159,323	6	174,495	6	189,644	6	204,252	6	217,912	6		6		6		6		6	
1/4	159,640	1/4	174,811	1/4	189,956	1/4	204,547	1/4	218,144	1/4		1/4		1/4		1/4		1/4	
1/2	159,956	1/2	175,127	1/2	190,268	1/2	204,843	1/2	218,377	1/2		1/2		1/2		1/2		1/2	
3/4	160,272	3/4	175,443	3/4	190,579	3/4	205,138	3/4	218,610	3/4		3/4		3/4		3/4		3/4	
7	160,588	7	175,759	7	190,891	7	205,434	7	218,843	7		7		7		7		7	
1/4	160,904	1/4	176,075	1/4	191,202	1/4	205,728	1/4	219,024	1/4		1/4		1/4		1/4		1/4	
1/2	161,220	1/2	176,392	1/2	191,512	1/2	206,022	1/2	219,206	1/2		1/2		1/2		1/2		1/2	
3/4	161,536	3/4	176,708	3/4	191,823	3/4	206,317	3/4	219,387	3/4		3/4		3/4		3/4		3/4	
8	161,852	8	177,024	8	192,133	8	206,611	8	219,569	8		8		8		8		8	
1/4	162,168	1/4	177,340	1/4	192,442	1/4	206,904	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,484	1/2	177,656	1/2	192,751	1/2	207,197	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,800	3/4	177,972	3/4	193,061	3/4	207,490	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,116	9	178,288	9	193,370	9	207,783	9		9		9		9		9		9	
1/4	163,432	1/4	178,604	1/4	193,678	1/4	208,075	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,749	1/2	178,920	1/2	193,986	1/2	208,367	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,065	3/4	179,236	3/4	194,294	3/4	208,658	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,381	10	179,552	10	194,602	10	208,950	10		10		10		10		10		10	
1/4	164,697	1/4	179,868	1/4	194,908	1/4	209,241	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,013	1/2	180,184	1/2	195,215	1/2	209,531	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,329	3/4	180,500	3/4	195,522	3/4	209,822	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,645	11	180,817	11	195,828	11	210,113	11		11		11		11		11		11	
1/4	165,961	1/4	181,133	1/4	196,134	1/4	210,399	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,277	1/2	181,449	1/2	196,439	1/2	210,685	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,593	3/4	181,765	3/4	196,745	3/4	210,972	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

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



# BARGE "CBC 387"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	962	0	15,188	0	30,372	0	45,212	0	60,052	0	75,237	0	90,421	0	105,606	0	120,786	0	135,965
1/4	1,146	1/4	15,504	1/4	30,688	1/4	45,514	1/4	60,369	1/4	75,553	1/4	90,738	1/4	105,922	1/4	121,102	1/4	136,281
1/2	1,330	1/2	15,821	1/2	31,004	1/2	45,816	1/2	60,685	1/2	75,869	1/2	91,054	1/2	106,239	1/2	121,419	1/2	136,598
3/4	1,515	3/4	16,137	3/4	31,321	3/4	46,117	3/4	61,001	3/4	76,186	3/4	91,370	3/4	106,555	3/4	121,735	3/4	136,914
1	1,699	1	16,453	1	31,637	1	46,419	1	61,318	1	76,502	1	91,687	1	106,871	1	122,051	1	137,230
1/4	1,937	1/4	16,770	1/4	31,953	1/4	46,721	1/4	61,634	1/4	76,818	1/4	92,003	1/4	107,188	1/4	122,367	1/4	137,546
1/2	2,174	1/2	17,086	1/2	32,270	1/2	47,023	1/2	61,950	1/2	77,135	1/2	92,319	1/2	107,504	1/2	122,684	1/2	137,862
3/4	2,411	3/4	17,402	3/4	32,586	3/4	47,325	3/4	62,267	3/4	77,451	3/4	92,636	3/4	107,820	3/4	123,000	3/4	138,179
2	2,648	2	17,719	2	32,902	2	47,627	2	62,583	2	77,768	2	92,952	2	108,137	2	123,316	2	138,495
1/4	2,938	1/4	18,035	1/4	33,219	1/4	47,929	1/4	62,899	1/4	78,084	1/4	93,268	1/4	108,453	1/4	123,632	1/4	138,811
1/2	3,228	1/2	18,351	1/2	33,535	1/2	48,231	1/2	63,216	1/2	78,400	1/2	93,585	1/2	108,769	1/2	123,948	1/2	139,127
3/4	3,518	3/4	18,668	3/4	33,851	3/4	48,533	3/4	63,532	3/4	78,717	3/4	93,901	3/4	109,086	3/4	124,265	3/4	139,444
3	3,808	3	18,984	3	34,168	3	48,835	3	63,848	3	79,033	3	94,217	3	109,402	3	124,581	3	139,760
1/4	4,123	1/4	19,300	1/4	34,484	1/4	49,137	1/4	64,165	1/4	79,349	1/4	94,534	1/4	109,718	1/4	124,897	1/4	140,076
1/2	4,438	1/2	19,617	1/2	34,800	1/2	49,439	1/2	64,481	1/2	79,666	1/2	94,850	1/2	110,034	1/2	125,213	1/2	140,392
3/4	4,752	3/4	19,933	3/4	35,117	3/4	49,741	3/4	64,797	3/4	79,982	3/4	95,166	3/4	110,351	3/4	125,530	3/4	140,708
4	5,067	4	20,249	4	35,433	4	50,042	4	65,114	4	80,298	4	95,483	4	110,667	4	125,846	4	141,025
1/4	5,383	1/4	20,565	1/4	35,749	1/4	50,344	1/4	65,430	1/4	80,615	1/4	95,799	1/4	110,983	1/4	126,162	1/4	141,341
1/2	5,699	1/2	20,882	1/2	36,066	1/2	50,646	1/2	65,746	1/2	80,931	1/2	96,115	1/2	111,299	1/2	126,478	1/2	141,657
3/4	6,015	3/4	21,198	3/4	36,382	3/4	50,948	3/4	66,063	3/4	81,247	3/4	96,432	3/4	111,616	3/4	126,794	3/4	141,973
5	6,331	5	21,514	5	36,698	5	51,250	5	66,379	5	81,564	5	96,748	5	111,932	5	127,111	5	142,290
1/4	6,647	1/4	21,831	1/4	37,015	1/4	51,553	1/4	66,695	1/4	81,880	1/4	97,065	1/4	112,248	1/4	127,427	1/4	142,606
1/2	6,963	1/2	22,147	1/2	37,331	1/2	51,855	1/2	67,012	1/2	82,196	1/2	97,381	1/2	112,564	1/2	127,743	1/2	142,922
3/4	7,280	3/4	22,463	3/4	37,647	3/4	52,157	3/4	67,328	3/4	82,513	3/4	97,697	3/4	112,880	3/4	128,059	3/4	143,238
6	7,596	6	22,780	6	37,964	6	52,460	6	67,644	6	82,829	6	98,014	6	113,197	6	128,376	6	143,555
1/4	7,912	1/4	23,096	1/4	38,266	1/4	52,776	1/4	67,961	1/4	83,145	1/4	98,330	1/4	113,513	1/4	128,692	1/4	143,871
1/2	8,229	1/2	23,412	1/2	38,569	1/2	53,093	1/2	68,277	1/2	83,462	1/2	98,646	1/2	113,829	1/2	129,008	1/2	144,187
3/4	8,545	3/4	23,729	3/4	38,871	3/4	53,409	3/4	68,594	3/4	83,778	3/4	98,963	3/4	114,145	3/4	129,324	3/4	144,503
7	8,861	7	24,045	7	39,173	7	53,725	7	68,910	7	84,094	7	99,279	7	114,462	7	129,641	7	144,819
1/4	9,178	1/4	24,361	1/4	39,475	1/4	54,042	1/4	69,226	1/4	84,411	1/4	99,595	1/4	114,778	1/4	129,957	1/4	145,136
1/2	9,494	1/2	24,678	1/2	39,777	1/2	54,358	1/2	69,543	1/2	84,727	1/2	99,912	1/2	115,094	1/2	130,273	1/2	145,452
3/4	9,810	3/4	24,994	3/4	40,079	3/4	54,674	3/4	69,859	3/4	85,043	3/4	100,228	3/4	115,410	3/4	130,589	3/4	145,768
8	10,127	8	25,310	8	40,381	8	54,991	8	70,175	8	85,360	8	100,544	8	115,727	8	130,905	8	146,084
1/4	10,443	1/4	25,627	1/4	40,683	1/4	55,307	1/4	70,492	1/4	85,676	1/4	100,861	1/4	116,043	1/4	131,222	1/4	146,401
1/2	10,759	1/2	25,943	1/2	40,985	1/2	55,623	1/2	70,808	1/2	85,992	1/2	101,177	1/2	116,359	1/2	131,538	1/2	146,717
3/4	11,076	3/4	26,259	3/4	41,287	3/4	55,940	3/4	71,124	3/4	86,309	3/4	101,493	3/4	116,675	3/4	131,854	3/4	147,033
9	11,392	9	26,576	9	41,589	9	56,256	9	71,441	9	86,625	9	101,810	9	116,991	9	132,170	9	147,349
1/4	11,708	1/4	26,892	1/4	41,891	1/4	56,572	1/4	71,757	1/4	86,942	1/4	102,126	1/4	117,308	1/4	132,487	1/4	147,665
1/2	12,025	1/2	27,208	1/2	42,192	1/2	56,889	1/2	72,073	1/2	87,258	1/2	102,442	1/2	117,624	1/2	132,803	1/2	147,982
3/4	12,341	3/4	27,525	3/4	42,494	3/4	57,205	3/4	72,390	3/4	87,574	3/4	102,759	3/4	117,940	3/4	133,119	3/4	148,298
10	12,657	10	27,841	10	42,796	10	57,521	10	72,706	10	87,891	10	103,075	10	118,256	10	133,435	10	148,614
1/4	12,974	1/4	28,157	1/4	43,098	1/4	57,838	1/4	73,022	1/4	88,207	1/4	103,391	1/4	118,573	1/4	133,751	1/4	148,930
1/2	13,290	1/2	28,474	1/2	43,400	1/2	58,154	1/2	73,339	1/2	88,523	1/2	103,708	1/2	118,889	1/2	134,068	1/2	149,247
3/4	13,606	3/4	28,790	3/4	43,702	3/4	58,470	3/4	73,655	3/4	88,840	3/4	104,024	3/4	119,205	3/4	134,384	3/4	149,563
11	13,923	11	29,106	11	44,004	11	58,787	11	73,971	11	89,156	11	104,340	11	119,521	11	134,700	11	149,879
1/4	14,239	1/4	29,423	1/4	44,306	1/4	59,103	1/4	74,288	1/4	89,472	1/4	104,657	1/4	119,837	1/4	135,016	1/4	150,195
1/2	14,555	1/2	29,739	1/2	44,608	1/2	59,420	1/2	74,604	1/2	89,789	1/2	104,973	1/2	120,154	1/2	135,333	1/2	150,511
3/4	14,872	3/4	30,055	3/4	44,910	3/4	59,736	3/4	74,920	3/4	90,105	3/4	105,289	3/4	120,470	3/4	135,649	3/4	150,828

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 387"

**2 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 15'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,144	0	166,323	0	181,502	0	196,478	0	210,692	0		0		0		0		0	
1/4	151,460	1/4	166,639	1/4	181,818	1/4	196,782	1/4	210,978	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,776	1/2	166,955	1/2	182,134	1/2	197,086	1/2	211,263	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,093	3/4	167,272	3/4	182,450	3/4	197,391	3/4	211,548	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,409	1	167,588	1	182,767	1	197,695	1	211,833	1	1	1	1	1	1	1	1	1	1
1/4	152,725	1/4	167,904	1/4	183,083	1/4	197,997	1/4	212,117	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,041	1/2	168,220	1/2	183,399	1/2	198,299	1/2	212,401	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,358	3/4	168,536	3/4	183,715	3/4	198,601	3/4	212,685	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,674	2	168,853	2	184,032	2	198,903	2	212,969	2	2	2	2	2	2	2	2	2	2
1/4	153,990	1/4	169,169	1/4	184,348	1/4	199,203	1/4	213,252	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,306	1/2	169,485	1/2	184,664	1/2	199,504	1/2	213,535	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,622	3/4	169,801	3/4	184,980	3/4	199,805	3/4	213,817	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,939	3	170,118	3	185,296	3	200,105	3	214,100	3	3	3	3	3	3	3	3	3	3
1/4	155,255	1/4	170,434	1/4	185,612	1/4	200,405	1/4	214,381	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,571	1/2	170,750	1/2	185,927	1/2	200,704	1/2	214,662	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,887	3/4	171,066	3/4	186,243	3/4	201,003	3/4	214,943	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,204	4	171,382	4	186,558	4	201,303	4	215,224	4	4	4	4	4	4	4	4	4	4
1/4	156,520	1/4	171,699	1/4	186,873	1/4	201,601	1/4	215,503	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,836	1/2	172,015	1/2	187,187	1/2	201,899	1/2	215,782	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,152	3/4	172,331	3/4	187,501	3/4	202,197	3/4	216,060	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,468	5	172,647	5	187,816	5	202,495	5	216,339	5	5	5	5	5	5	5	5	5	5
1/4	157,785	1/4	172,964	1/4	188,129	1/4	202,792	1/4	216,592	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,101	1/2	173,280	1/2	188,442	1/2	203,089	1/2	216,844	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,417	3/4	173,596	3/4	188,755	3/4	203,386	3/4	217,097	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,733	6	173,912	6	189,068	6	203,683	6	217,349	6	6	6	6	6	6	6	6	6	6
1/4	159,050	1/4	174,229	1/4	189,380	1/4	203,978	1/4	217,582	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,366	1/2	174,545	1/2	189,692	1/2	204,274	1/2	217,815	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,682	3/4	174,861	3/4	190,004	3/4	204,570	3/4	218,048	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	159,998	7	175,177	7	190,316	7	204,865	7	218,281	7	7	7	7	7	7	7	7	7	7
1/4	160,315	1/4	175,493	1/4	190,626	1/4	205,160	1/4	218,463	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,631	1/2	175,810	1/2	190,937	1/2	205,454	1/2	218,644	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,947	3/4	176,126	3/4	191,247	3/4	205,749	3/4	218,826	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,263	8	176,442	8	191,558	8	206,043	8	219,007	8	8	8	8	8	8	8	8	8	8
1/4	161,579	1/4	176,758	1/4	191,867	1/4	206,336	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,896	1/2	177,075	1/2	192,177	1/2	206,629	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,212	3/4	177,391	3/4	192,486	3/4	206,922	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,528	9	177,707	9	192,795	9	207,216	9		9	9	9	9	9	9	9	9	9	9
1/4	162,844	1/4	178,023	1/4	193,104	1/4	207,507	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,161	1/2	178,339	1/2	193,412	1/2	207,799	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,477	3/4	178,656	3/4	193,720	3/4	208,091	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,793	10	178,972	10	194,028	10	208,383	10	10	10	10	10	10	10	10	10	10	10	10
1/4	164,109	1/4	179,288	1/4	194,335	1/4	208,674	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,425	1/2	179,604	1/2	194,642	1/2	208,965	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,742	3/4	179,921	3/4	194,948	3/4	209,256	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,058	11	180,237	11	195,255	11	209,546	11		11	11	11	11	11	11	11	11	11	11
1/4	165,374	1/4	180,553	1/4	195,561	1/4	209,833	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,690	1/2	180,869	1/2	195,867	1/2	210,119	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,007	3/4	181,186	3/4	196,172	3/4	210,406	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

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



# BARGE "CBC 387"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	958	0	15,128	0	30,252	0	45,367	0	60,485	0	75,609	0	90,733	0	105,854	0	120,967	0	136,042
1/4	1,142	1/4	15,443	1/4	30,567	1/4	45,682	1/4	60,800	1/4	75,925	1/4	91,048	1/4	106,169	1/4	121,281	1/4	136,355
1/2	1,325	1/2	15,758	1/2	30,882	1/2	45,997	1/2	61,115	1/2	76,240	1/2	91,363	1/2	106,484	1/2	121,595	1/2	136,668
3/4	1,509	3/4	16,073	3/4	31,197	3/4	46,311	3/4	61,430	3/4	76,555	3/4	91,678	3/4	106,799	3/4	121,910	3/4	136,981
1	1,693	1	16,388	1	31,512	1	46,626	1	61,745	1	76,870	1	91,993	1	107,114	1	122,224	1	137,294
1/4	1,929	1/4	16,703	1/4	31,827	1/4	46,941	1/4	62,060	1/4	77,185	1/4	92,308	1/4	107,429	1/4	122,539	1/4	137,607
1/2	2,165	1/2	17,019	1/2	32,142	1/2	47,255	1/2	62,375	1/2	77,500	1/2	92,623	1/2	107,744	1/2	122,853	1/2	137,920
3/4	2,402	3/4	17,334	3/4	32,457	3/4	47,570	3/4	62,691	3/4	77,815	3/4	92,938	3/4	108,059	3/4	123,168	3/4	138,233
2	2,638	2	17,649	2	32,773	2	47,885	2	63,006	2	78,130	2	93,253	2	108,374	2	123,482	2	138,546
1/4	2,927	1/4	17,964	1/4	33,088	1/4	48,200	1/4	63,321	1/4	78,445	1/4	93,568	1/4	108,689	1/4	123,796	1/4	138,859
1/2	3,216	1/2	18,279	1/2	33,403	1/2	48,514	1/2	63,636	1/2	78,760	1/2	93,883	1/2	109,004	1/2	124,111	1/2	139,172
3/4	3,504	3/4	18,594	3/4	33,718	3/4	48,829	3/4	63,951	3/4	79,075	3/4	94,198	3/4	109,319	3/4	124,425	3/4	139,485
3	3,793	3	18,909	3	34,033	3	49,144	3	64,266	3	79,391	3	94,513	3	109,634	3	124,740	3	139,798
1/4	4,107	1/4	19,224	1/4	34,348	1/4	49,458	1/4	64,581	1/4	79,706	1/4	94,828	1/4	109,949	1/4	125,054	1/4	140,111
1/2	4,420	1/2	19,539	1/2	34,663	1/2	49,773	1/2	64,896	1/2	80,021	1/2	95,143	1/2	110,264	1/2	125,369	1/2	140,425
3/4	4,734	3/4	19,854	3/4	34,978	3/4	50,088	3/4	65,211	3/4	80,336	3/4	95,458	3/4	110,579	3/4	125,683	3/4	140,738
4	5,047	4	20,169	4	35,293	4	50,402	4	65,526	4	80,651	4	95,773	4	110,894	4	125,997	4	141,052
1/4	5,362	1/4	20,484	1/4	35,608	1/4	50,717	1/4	65,842	1/4	80,966	1/4	96,088	1/4	111,209	1/4	126,312	1/4	141,366
1/2	5,677	1/2	20,799	1/2	35,923	1/2	51,032	1/2	66,157	1/2	81,281	1/2	96,403	1/2	111,524	1/2	126,626	1/2	141,679
3/4	5,991	3/4	21,115	3/4	36,238	3/4	51,347	3/4	66,472	3/4	81,596	3/4	96,718	3/4	111,839	3/4	126,941	3/4	141,993
5	6,306	5	21,430	5	36,554	5	51,662	5	66,787	5	81,911	5	97,033	5	112,154	5	127,255	5	142,307
1/4	6,621	1/4	21,745	1/4	36,869	1/4	51,977	1/4	67,102	1/4	82,226	1/4	97,348	1/4	112,469	1/4	127,570	1/4	142,620
1/2	6,936	1/2	22,060	1/2	37,184	1/2	52,292	1/2	67,417	1/2	82,541	1/2	97,663	1/2	112,784	1/2	127,884	1/2	142,934
3/4	7,251	3/4	22,375	3/4	37,499	3/4	52,608	3/4	67,732	3/4	82,857	3/4	97,978	3/4	113,099	3/4	128,198	3/4	143,248
6	7,566	6	22,690	6	37,814	6	52,923	6	68,047	6	83,172	6	98,293	6	113,414	6	128,513	6	143,561
1/4	7,881	1/4	23,005	1/4	38,129	1/4	53,238	1/4	68,362	1/4	83,487	1/4	98,608	1/4	113,729	1/4	128,827	1/4	143,875
1/2	8,196	1/2	23,320	1/2	38,444	1/2	53,553	1/2	68,677	1/2	83,802	1/2	98,923	1/2	114,044	1/2	129,142	1/2	144,189
3/4	8,511	3/4	23,635	3/4	38,758	3/4	53,868	3/4	68,992	3/4	84,117	3/4	99,238	3/4	114,359	3/4	129,456	3/4	144,502
7	8,826	7	23,950	7	39,073	7	54,183	7	69,308	7	84,432	7	99,553	7	114,674	7	129,770	7	144,816
1/4	9,141	1/4	24,265	1/4	39,388	1/4	54,498	1/4	69,623	1/4	84,747	1/4	99,868	1/4	114,988	1/4	130,085	1/4	145,129
1/2	9,457	1/2	24,580	1/2	39,703	1/2	54,813	1/2	69,938	1/2	85,062	1/2	100,183	1/2	115,303	1/2	130,399	1/2	145,443
3/4	9,772	3/4	24,896	3/4	40,017	3/4	55,128	3/4	70,253	3/4	85,377	3/4	100,498	3/4	115,618	3/4	130,714	3/4	145,757
8	10,087	8	25,211	8	40,332	8	55,443	8	70,568	8	85,692	8	100,813	8	115,933	8	131,028	8	146,070
1/4	10,402	1/4	25,526	1/4	40,647	1/4	55,759	1/4	70,883	1/4	86,007	1/4	101,129	1/4	116,248	1/4	131,343	1/4	146,384
1/2	10,717	1/2	25,841	1/2	40,961	1/2	56,074	1/2	71,198	1/2	86,322	1/2	101,444	1/2	116,563	1/2	131,657	1/2	146,698
3/4	11,032	3/4	26,156	3/4	41,276	3/4	56,389	3/4	71,513	3/4	86,637	3/4	101,759	3/4	116,878	3/4	131,971	3/4	147,011
9	11,347	9	26,471	9	41,591	9	56,704	9	71,828	9	86,953	9	102,074	9	117,193	9	132,286	9	147,325
1/4	11,662	1/4	26,786	1/4	41,906	1/4	57,019	1/4	72,143	1/4	87,268	1/4	102,389	1/4	117,508	1/4	132,599	1/4	147,639
1/2	11,977	1/2	27,101	1/2	42,220	1/2	57,334	1/2	72,458	1/2	87,583	1/2	102,704	1/2	117,822	1/2	132,912	1/2	147,953
3/4	12,292	3/4	27,416	3/4	42,535	3/4	57,649	3/4	72,774	3/4	87,898	3/4	103,019	3/4	118,137	3/4	133,225	3/4	148,267
10	12,607	10	27,731	10	42,850	10	57,964	10	73,089	10	88,213	10	103,334	10	118,451	10	133,538	10	148,580
1/4	12,922	1/4	28,046	1/4	43,164	1/4	58,279	1/4	73,404	1/4	88,528	1/4	103,649	1/4	118,766	1/4	133,851	1/4	148,894
1/2	13,238	1/2	28,361	1/2	43,479	1/2	58,594	1/2	73,719	1/2	88,843	1/2	103,964	1/2	119,080	1/2	134,164	1/2	149,208
3/4	13,553	3/4	28,677	3/4	43,794	3/4	58,909	3/4	74,034	3/4	89,158	3/4	104,279	3/4	119,394	3/4	134,477	3/4	149,522
11	13,868	11	28,992	11	44,108	11	59,225	11	74,349	11	89,473	11	104,594	11	119,709	11	134,790	11	149,836
1/4	14,183	1/4	29,307	1/4	44,423	1/4	59,540	1/4	74,664	1/4	89,788	1/4	104,909	1/4	120,023	1/4	135,103	1/4	150,150
1/2	14,498	1/2	29,622	1/2	44,738	1/2	59,855	1/2	74,979	1/2	90,103	1/2	105,224	1/2	120,338	1/2	135,416	1/2	150,464
3/4	14,813	3/4	29,937	3/4	45,053	3/4	60,170	3/4	75,294	3/4	90,418	3/4	105,539	3/4	120,652	3/4	135,729	3/4	150,778

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 387"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	149,358	0	157,492	0	165,625	0	173,650	0	181,269	0		0		0		0		0	
1/4	149,528	1/4	157,661	1/4	165,794	1/4	173,813	1/4	181,422	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,697	1/2	157,830	1/2	165,964	1/2	173,976	1/2	181,575	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,867	3/4	158,000	3/4	166,133	3/4	174,139	3/4	181,727	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	150,036	1	158,169	1	166,303	1	174,302	1	181,880	1	1	1	1	1	1	1	1	1	1
1/4	150,206	1/4	158,339	1/4	166,472	1/4	174,464	1/4	182,033	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,375	1/2	158,508	1/2	166,641	1/2	174,626	1/2	182,185	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,544	3/4	158,678	3/4	166,811	3/4	174,788	3/4	182,337	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	150,714	2	158,847	2	166,980	2	174,949	2	182,489	2	2	2	2	2	2	2	2	2	2
1/4	150,883	1/4	159,017	1/4	167,150	1/4	175,111	1/4	182,641	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,053	1/2	159,186	1/2	167,319	1/2	175,272	1/2	182,792	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,222	3/4	159,355	3/4	167,489	3/4	175,433	3/4	182,944	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	151,392	3	159,525	3	167,658	3	175,594	3	183,095	3	3	3	3	3	3	3	3	3	3
1/4	151,561	1/4	159,694	1/4	167,827	1/4	175,755	1/4	183,245	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,730	1/2	159,864	1/2	167,996	1/2	175,915	1/2	183,396	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,900	3/4	160,033	3/4	168,165	3/4	176,076	3/4	183,546	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	152,069	4	160,203	4	168,334	4	176,236	4	183,697	4	4	4	4	4	4	4	4	4	4
1/4	152,239	1/4	160,372	1/4	168,503	1/4	176,396	1/4	183,845	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,408	1/2	160,542	1/2	168,671	1/2	176,556	1/2	183,994	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,578	3/4	160,711	3/4	168,840	3/4	176,715	3/4	184,143	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	152,747	5	160,880	5	169,008	5	176,875	5	184,291	5	5	5	5	5	5	5	5	5	5
1/4	152,917	1/4	161,050	1/4	169,176	1/4	177,034	1/4	184,415	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,086	1/2	161,219	1/2	169,344	1/2	177,194	1/2	184,538	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,255	3/4	161,389	3/4	169,512	3/4	177,353	3/4	184,661	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	153,425	6	161,558	6	169,679	6	177,512	6	184,784	6	6	6	6	6	6	6	6	6	6
1/4	153,594	1/4	161,728	1/4	169,846	1/4	177,670	1/4	184,873	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,764	1/2	161,897	1/2	170,014	1/2	177,829	1/2	184,961	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,933	3/4	162,067	3/4	170,181	3/4	177,987	3/4	185,050	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	154,103	7	162,236	7	170,348	7	178,146	7	185,138	7	7	7	7	7	7	7	7	7	7
1/4	154,272	1/4	162,405	1/4	170,514	1/4	178,304	1/4	185,175	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,442	1/2	162,575	1/2	170,681	1/2	178,461	1/2	185,211	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,611	3/4	162,744	3/4	170,847	3/4	178,619	3/4	185,248	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	154,780	8	162,914	8	171,014	8	178,777	8	185,284	8	8	8	8	8	8	8	8	8	8
1/4	154,950	1/4	163,083	1/4	171,179	1/4	178,934	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,119	1/2	163,253	1/2	171,345	1/2	179,091	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,289	3/4	163,422	3/4	171,511	3/4	179,249	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	155,458	9	163,591	9	171,677	9	179,406	9		9	9	9	9	9	9	9	9	9	9
1/4	155,628	1/4	163,761	1/4	171,842	1/4	179,562	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,797	1/2	163,930	1/2	172,007	1/2	179,719	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,967	3/4	164,100	3/4	172,172	3/4	179,875	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	156,136	10	164,269	10	172,337	10	180,032	10		10	10	10	10	10	10	10	10	10	10
1/4	156,305	1/4	164,439	1/4	172,501	1/4	180,187	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,475	1/2	164,608	1/2	172,666	1/2	180,343	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,644	3/4	164,778	3/4	172,830	3/4	180,499	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	156,814	11	164,947	11	172,995	11	180,655	11		11	11	11	11	11	11	11	11	11	11
1/4	156,983	1/4	165,116	1/4	173,159	1/4	180,808	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,153	1/2	165,286	1/2	173,322	1/2	180,962	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,322	3/4	165,455	3/4	173,486	3/4	181,115	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 387"

## 3 STBD

### INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	958	0	15,101	0	30,196	0	44,798	0	59,622	0	74,692	0	89,782	0	104,869	0	119,948	0	134,982
1/4	1,141	1/4	15,415	1/4	30,510	1/4	45,098	1/4	59,934	1/4	75,007	1/4	90,096	1/4	105,183	1/4	120,262	1/4	135,294
1/2	1,325	1/2	15,729	1/2	30,825	1/2	45,399	1/2	60,246	1/2	75,321	1/2	90,410	1/2	105,498	1/2	120,575	1/2	135,606
3/4	1,509	3/4	16,044	3/4	31,139	3/4	45,699	3/4	60,557	3/4	75,635	3/4	90,725	3/4	105,812	3/4	120,889	3/4	135,919
1	1,692	1	16,358	1	31,453	1	45,999	1	60,869	1	75,950	1	91,039	1	106,126	1	121,203	1	136,231
1/4	1,928	1/4	16,673	1/4	31,768	1/4	46,300	1/4	61,181	1/4	76,264	1/4	91,353	1/4	106,441	1/4	121,516	1/4	136,543
1/2	2,164	1/2	16,987	1/2	32,082	1/2	46,600	1/2	61,493	1/2	76,578	1/2	91,668	1/2	106,755	1/2	121,830	1/2	136,856
3/4	2,400	3/4	17,302	3/4	32,397	3/4	46,900	3/4	61,805	3/4	76,893	3/4	91,982	3/4	107,069	3/4	122,143	3/4	137,168
2	2,635	2	17,616	2	32,711	2	47,200	2	62,116	2	77,207	2	92,296	2	107,384	2	122,456	2	137,480
1/4	2,923	1/4	17,931	1/4	33,026	1/4	47,501	1/4	62,431	1/4	77,522	1/4	92,611	1/4	107,698	1/4	122,770	1/4	137,792
1/2	3,211	1/2	18,245	1/2	33,340	1/2	47,801	1/2	62,745	1/2	77,836	1/2	92,925	1/2	108,012	1/2	123,083	1/2	138,105
3/4	3,498	3/4	18,560	3/4	33,655	3/4	48,101	3/4	63,060	3/4	78,150	3/4	93,239	3/4	108,327	3/4	123,397	3/4	138,417
3	3,786	3	18,874	3	33,969	3	48,402	3	63,374	3	78,465	3	93,554	3	108,641	3	123,710	3	138,729
1/4	4,099	1/4	19,189	1/4	34,272	1/4	48,714	1/4	63,688	1/4	78,779	1/4	93,868	1/4	108,955	1/4	124,024	1/4	139,042
1/2	4,412	1/2	19,503	1/2	34,574	1/2	49,026	1/2	64,003	1/2	79,094	1/2	94,182	1/2	109,269	1/2	124,337	1/2	139,355
3/4	4,725	3/4	19,818	3/4	34,877	3/4	49,338	3/4	64,317	3/4	79,408	3/4	94,497	3/4	109,584	3/4	124,650	3/4	139,668
4	5,038	4	20,132	4	35,179	4	49,651	4	64,632	4	79,722	4	94,811	4	109,898	4	124,964	4	139,981
1/4	5,352	1/4	20,447	1/4	35,481	1/4	49,962	1/4	64,946	1/4	80,037	1/4	95,125	1/4	110,212	1/4	125,277	1/4	140,294
1/2	5,667	1/2	20,761	1/2	35,782	1/2	50,273	1/2	65,260	1/2	80,351	1/2	95,440	1/2	110,526	1/2	125,591	1/2	140,607
3/4	5,981	3/4	21,076	3/4	36,084	3/4	50,583	3/4	65,575	3/4	80,666	3/4	95,754	3/4	110,841	3/4	125,904	3/4	140,920
5	6,295	5	21,390	5	36,385	5	50,894	5	65,889	5	80,980	5	96,068	5	111,155	5	126,217	5	141,233
1/4	6,610	1/4	21,705	1/4	36,686	1/4	51,206	1/4	66,204	1/4	81,294	1/4	96,382	1/4	111,469	1/4	126,531	1/4	141,546
1/2	6,924	1/2	22,019	1/2	36,988	1/2	51,517	1/2	66,518	1/2	81,609	1/2	96,697	1/2	111,783	1/2	126,844	1/2	141,859
3/4	7,239	3/4	22,334	3/4	37,289	3/4	51,828	3/4	66,832	3/4	81,923	3/4	97,011	3/4	112,098	3/4	127,158	3/4	142,172
6	7,553	6	22,648	6	37,590	6	52,139	6	67,147	6	82,238	6	97,325	6	112,412	6	127,471	6	142,485
1/4	7,868	1/4	22,963	1/4	37,891	1/4	52,451	1/4	67,461	1/4	82,552	1/4	97,640	1/4	112,726	1/4	127,784	1/4	142,797
1/2	8,182	1/2	23,277	1/2	38,191	1/2	52,763	1/2	67,776	1/2	82,866	1/2	97,954	1/2	113,040	1/2	128,098	1/2	143,110
3/4	8,496	3/4	23,591	3/4	38,492	3/4	53,074	3/4	68,090	3/4	83,181	3/4	98,268	3/4	113,355	3/4	128,411	3/4	143,423
7	8,811	7	23,906	7	38,792	7	53,386	7	68,404	7	83,495	7	98,583	7	113,669	7	128,725	7	143,736
1/4	9,125	1/4	24,220	1/4	39,092	1/4	53,698	1/4	68,719	1/4	83,809	1/4	98,897	1/4	113,983	1/4	129,038	1/4	144,049
1/2	9,440	1/2	24,535	1/2	39,393	1/2	54,010	1/2	69,033	1/2	84,124	1/2	99,211	1/2	114,297	1/2	129,352	1/2	144,362
3/4	9,754	3/4	24,849	3/4	39,693	3/4	54,322	3/4	69,347	3/4	84,438	3/4	99,526	3/4	114,612	3/4	129,666	3/4	144,675
8	10,069	8	25,164	8	39,993	8	54,633	8	69,662	8	84,753	8	99,840	8	114,926	8	129,979	8	144,988
1/4	10,383	1/4	25,478	1/4	40,294	1/4	54,945	1/4	69,976	1/4	85,067	1/4	100,154	1/4	115,240	1/4	130,293	1/4	145,301
1/2	10,698	1/2	25,793	1/2	40,594	1/2	55,257	1/2	70,291	1/2	85,381	1/2	100,469	1/2	115,555	1/2	130,607	1/2	145,614
3/4	11,012	3/4	26,107	3/4	40,894	3/4	55,569	3/4	70,605	3/4	85,696	3/4	100,783	3/4	115,869	3/4	130,921	3/4	145,927
9	11,327	9	26,422	9	41,195	9	55,881	9	70,919	9	86,010	9	101,097	9	116,183	9	131,234	9	146,240
1/4	11,641	1/4	26,736	1/4	41,495	1/4	56,192	1/4	71,234	1/4	86,324	1/4	101,412	1/4	116,497	1/4	131,547	1/4	146,409
1/2	11,956	1/2	27,051	1/2	41,795	1/2	56,504	1/2	71,548	1/2	86,639	1/2	101,726	1/2	116,811	1/2	131,859	1/2	146,577
3/4	12,270	3/4	27,365	3/4	42,095	3/4	56,816	3/4	71,863	3/4	86,953	3/4	102,040	3/4	117,124	3/4	132,171	3/4	146,746
10	12,585	10	27,680	10	42,396	10	57,128	10	72,177	10	87,267	10	102,355	10	117,438	10	132,484	10	146,915
1/4	12,899	1/4	27,994	1/4	42,696	1/4	57,439	1/4	72,491	1/4	87,582	1/4	102,669	1/4	117,752	1/4	132,796	1/4	147,084
1/2	13,214	1/2	28,309	1/2	42,996	1/2	57,751	1/2	72,806	1/2	87,896	1/2	102,983	1/2	118,066	1/2	133,108	1/2	147,253
3/4	13,528	3/4	28,623	3/4	43,297	3/4	58,063	3/4	73,120	3/4	88,210	3/4	103,298	3/4	118,379	3/4	133,420	3/4	147,421
11	13,843	11	28,938	11	43,597	11	58,375	11	73,435	11	88,524	11	103,612	11	118,693	11	133,733	11	147,590
1/4	14,157	1/4	29,252	1/4	43,897	1/4	58,687	1/4	73,749	1/4	88,839	1/4	103,926	1/4	119,007	1/4	134,045	1/4	147,759
1/2	14,472	1/2	29,567	1/2	44,197	1/2	58,998	1/2	74,063	1/2	89,153	1/2	104,240	1/2	119,321	1/2	134,357	1/2	147,928
3/4	14,786	3/4	29,881	3/4	44,498	3/4	59,310	3/4	74,378	3/4	89,467	3/4	104,555	3/4	119,634	3/4	134,670	3/4	148,096

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 387"

**3 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,265	0	156,367	0	164,469	0	172,463	0	180,051	0		0		0		0		0	
1/4	148,434	1/4	156,536	1/4	164,638	1/4	172,626	1/4	180,204	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148,603	1/2	156,705	1/2	164,807	1/2	172,788	1/2	180,356	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	148,772	3/4	156,874	3/4	164,976	3/4	172,951	3/4	180,508	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	148,940	1	157,043	1	165,145	1	173,113	1	180,660	1	1	1	1	1	1	1	1	1	1
1/4	149,109	1/4	157,211	1/4	165,313	1/4	173,274	1/4	180,812	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,278	1/2	157,380	1/2	165,482	1/2	173,435	1/2	180,963	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,447	3/4	157,549	3/4	165,651	3/4	173,597	3/4	181,115	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	149,616	2	157,718	2	165,820	2	173,758	2	181,266	2	2	2	2	2	2	2	2	2	2
1/4	149,784	1/4	157,887	1/4	165,989	1/4	173,918	1/4	181,417	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,953	1/2	158,055	1/2	166,157	1/2	174,079	1/2	181,568	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,122	3/4	158,224	3/4	166,326	3/4	174,239	3/4	181,719	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	150,291	3	158,393	3	166,495	3	174,400	3	181,870	3	3	3	3	3	3	3	3	3	3
1/4	150,460	1/4	158,562	1/4	166,663	1/4	174,560	1/4	182,020	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,628	1/2	158,730	1/2	166,832	1/2	174,719	1/2	182,169	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,797	3/4	158,899	3/4	167,000	3/4	174,879	3/4	182,319	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	150,966	4	159,068	4	167,169	4	175,039	4	182,469	4	4	4	4	4	4	4	4	4	4
1/4	151,135	1/4	159,237	1/4	167,336	1/4	175,198	1/4	182,617	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,304	1/2	159,406	1/2	167,504	1/2	175,357	1/2	182,765	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,472	3/4	159,574	3/4	167,672	3/4	175,517	3/4	182,913	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	151,641	5	159,743	5	167,840	5	175,676	5	183,061	5	5	5	5	5	5	5	5	5	5
1/4	151,810	1/4	159,912	1/4	168,007	1/4	175,834	1/4	183,184	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,979	1/2	160,081	1/2	168,174	1/2	175,993	1/2	183,306	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,148	3/4	160,250	3/4	168,341	3/4	176,151	3/4	183,429	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	152,316	6	160,418	6	168,508	6	176,310	6	183,551	6	6	6	6	6	6	6	6	6	6
1/4	152,485	1/4	160,587	1/4	168,675	1/4	176,468	1/4	183,639	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,654	1/2	160,756	1/2	168,841	1/2	176,626	1/2	183,727	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,823	3/4	160,925	3/4	169,008	3/4	176,783	3/4	183,815	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	152,992	7	161,094	7	169,174	7	176,941	7	183,903	7	7	7	7	7	7	7	7	7	7
1/4	153,160	1/4	161,262	1/4	169,340	1/4	177,098	1/4	183,939	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,329	1/2	161,431	1/2	169,506	1/2	177,256	1/2	183,975	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,498	3/4	161,600	3/4	169,672	3/4	177,413	3/4	184,011	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	153,667	8	161,769	8	169,837	8	177,570	8	184,047	8	8	8	8	8	8	8	8	8	8
1/4	153,835	1/4	161,938	1/4	170,002	1/4	177,726	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,004	1/2	162,106	1/2	170,168	1/2	177,883	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,173	3/4	162,275	3/4	170,333	3/4	178,039	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	154,342	9	162,444	9	170,498	9	178,196	9		9	9	9	9	9	9	9	9	9	9
1/4	154,511	1/4	162,613	1/4	170,662	1/4	178,352	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,679	1/2	162,782	1/2	170,827	1/2	178,508	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,848	3/4	162,950	3/4	170,991	3/4	178,663	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	155,017	10	163,119	10	171,156	10	178,819	10		10	10	10	10	10	10	10	10	10	10
1/4	155,186	1/4	163,288	1/4	171,319	1/4	178,974	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,355	1/2	163,457	1/2	171,483	1/2	179,130	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,523	3/4	163,625	3/4	171,647	3/4	179,285	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	155,692	11	163,794	11	171,811	11	179,440	11		11	11	11	11	11	11	11	11	11	11
1/4	155,861	1/4	163,963	1/4	171,974	1/4	179,593	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,030	1/2	164,132	1/2	172,137	1/2	179,746	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,199	3/4	164,301	3/4	172,300	3/4	179,898	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 387"

## 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 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 PORT	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8
3 STBD	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 4'-00"  
 AFT DRAFT = 6'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

July 3, 2013

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

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 Pearland, Texas 77588

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# BARGE "CBC 387"

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	207,870	0	193,378	0	178,233	0	163,012	0	147,792	0	132,571	0	117,350	0	102,126
1/4	1/4			1/4	207,576	1/4	193,068	1/4	177,916	1/4	162,695	1/4	147,475	1/4	132,254	1/4	117,033	1/4	101,809
1/2	1/2		220,281	1/2	207,282	1/2	192,757	1/2	177,599	1/2	162,378	1/2	147,157	1/2	131,937	1/2	116,716	1/2	101,492
3/4	3/4		220,099	3/4	206,987	3/4	192,446	3/4	177,282	3/4	162,061	3/4	146,840	3/4	131,620	3/4	116,399	3/4	101,175
1		1	219,917	1	206,691	1	192,134	1	176,965	1	161,744	1	146,523	1	131,302	1	116,082	1	100,857
1/4	1/4		219,735	1/4	206,396	1/4	191,823	1/4	176,648	1/4	161,427	1/4	146,206	1/4	130,985	1/4	115,765	1/4	100,540
1/2	1/2		219,553	1/2	206,101	1/2	191,512	1/2	176,331	1/2	161,110	1/2	145,889	1/2	130,668	1/2	115,447	1/2	100,223
3/4	3/4		219,319	3/4	205,805	3/4	191,199	3/4	176,014	3/4	160,793	3/4	145,572	3/4	130,351	3/4	115,130	3/4	99,906
2		2	219,086	2	205,508	2	190,886	2	175,696	2	160,476	2	145,255	2	130,034	2	114,813	2	99,588
1/4	1/4		218,852	1/4	205,212	1/4	190,573	1/4	175,379	1/4	160,159	1/4	144,938	1/4	129,717	1/4	114,496	1/4	99,271
1/2	1/2		218,619	1/2	204,915	1/2	190,261	1/2	175,062	1/2	159,841	1/2	144,621	1/2	129,400	1/2	114,179	1/2	98,954
3/4	3/4		218,365	3/4	204,618	3/4	189,947	3/4	174,745	3/4	159,524	3/4	144,304	3/4	129,083	3/4	113,862	3/4	98,637
3		3	218,112	3	204,320	3	189,633	3	174,428	3	159,207	3	143,986	3	128,766	3	113,545	3	98,320
1/4	1/4		217,859	1/4	204,022	1/4	189,319	1/4	174,111	1/4	158,890	1/4	143,669	1/4	128,449	1/4	113,228	1/4	98,002
1/2	1/2		217,606	1/2	203,725	1/2	189,005	1/2	173,794	1/2	158,573	1/2	143,352	1/2	128,131	1/2	112,911	1/2	97,685
3/4	3/4		217,326	3/4	203,426	3/4	188,690	3/4	173,477	3/4	158,256	3/4	143,035	3/4	127,814	3/4	112,594	3/4	97,368
4		4	217,047	4	203,127	4	188,374	4	173,160	4	157,939	4	142,718	4	127,497	4	112,276	4	97,051
1/4	1/4		216,767	1/4	202,828	1/4	188,059	1/4	172,843	1/4	157,622	1/4	142,401	1/4	127,180	1/4	111,959	1/4	96,733
1/2	1/2		216,488	1/2	202,529	1/2	187,744	1/2	172,525	1/2	157,305	1/2	142,084	1/2	126,863	1/2	111,642	1/2	96,416
3/4	3/4		216,206	3/4	202,229	3/4	187,427	3/4	172,208	3/4	156,988	3/4	141,767	3/4	126,546	3/4	111,325	3/4	96,099
5		5	215,924	5	201,928	5	187,111	5	171,891	5	156,670	5	141,450	5	126,229	5	111,008	5	95,782
1/4	1/4		215,642	1/4	201,628	1/4	186,794	1/4	171,574	1/4	156,353	1/4	141,133	1/4	125,912	1/4	110,691	1/4	95,465
1/2	1/2		215,361	1/2	201,328	1/2	186,478	1/2	171,257	1/2	156,036	1/2	140,815	1/2	125,595	1/2	110,374	1/2	95,147
3/4	3/4		215,077	3/4	201,026	3/4	186,161	3/4	170,940	3/4	155,719	3/4	140,498	3/4	125,278	3/4	110,057	3/4	94,830
6		6	214,794	6	200,725	6	185,844	6	170,623	6	155,402	6	140,181	6	124,960	6	109,739	6	94,513
1/4	1/4		214,510	1/4	200,424	1/4	185,527	1/4	170,306	1/4	155,085	1/4	139,864	1/4	124,643	1/4	109,422	1/4	94,196
1/2	1/2		214,227	1/2	200,122	1/2	185,209	1/2	169,989	1/2	154,768	1/2	139,547	1/2	124,326	1/2	109,105	1/2	93,879
3/4	3/4		213,942	3/4	199,819	3/4	184,892	3/4	169,672	3/4	154,451	3/4	139,230	3/4	124,009	3/4	108,788	3/4	93,561
7		7	213,657	7	199,517	7	184,575	7	169,354	7	154,134	7	138,913	7	123,692	7	108,471	7	93,244
1/4	1/4		213,372	1/4	199,214	1/4	184,258	1/4	169,037	1/4	153,817	1/4	138,596	1/4	123,375	1/4	108,153	1/4	92,927
1/2	1/2		213,088	1/2	198,911	1/2	183,941	1/2	168,720	1/2	153,499	1/2	138,279	1/2	123,058	1/2	107,836	1/2	92,610
3/4	3/4		212,802	3/4	198,606	3/4	183,624	3/4	168,403	3/4	153,182	3/4	137,962	3/4	122,741	3/4	107,519	3/4	92,292
8		8	212,516	8	198,301	8	183,307	8	168,086	8	152,865	8	137,644	8	122,424	8	107,202	8	91,975
1/4	1/4		212,230	1/4	197,996	1/4	182,990	1/4	167,769	1/4	152,548	1/4	137,327	1/4	122,107	1/4	106,884	1/4	91,658
1/2	1/2		211,944	1/2	197,691	1/2	182,673	1/2	167,452	1/2	152,231	1/2	137,010	1/2	121,789	1/2	106,567	1/2	91,341
3/4	3/4		211,656	3/4	197,384	3/4	182,356	3/4	167,135	3/4	151,914	3/4	136,693	3/4	121,472	3/4	106,250	3/4	91,024
9		9	211,369	9	197,078	9	182,038	9	166,818	9	151,597	9	136,376	9	121,155	9	105,933	9	90,706
1/4	1/4		211,082	1/4	196,771	1/4	181,721	1/4	166,501	1/4	151,280	1/4	136,059	1/4	120,838	1/4	105,616	1/4	90,389
1/2	1/2		210,795	1/2	196,465	1/2	181,404	1/2	166,183	1/2	150,963	1/2	135,742	1/2	120,521	1/2	105,298	1/2	90,072
3/4	3/4		210,503	3/4	196,157	3/4	181,087	3/4	165,866	3/4	150,646	3/4	135,425	3/4	120,204	3/4	104,981	3/4	89,755
10		10	210,212	10	195,849	10	180,770	10	165,549	10	150,328	10	135,108	10	119,887	10	104,664	10	89,437
1/4	1/4		209,920	1/4	195,542	1/4	180,453	1/4	165,232	1/4	150,011	1/4	134,791	1/4	119,570	1/4	104,347	1/4	89,120
1/2	1/2		209,629	1/2	195,234	1/2	180,136	1/2	164,915	1/2	149,694	1/2	134,473	1/2	119,253	1/2	104,029	1/2	88,803
3/4	3/4		209,336	3/4	194,925	3/4	179,819	3/4	164,598	3/4	149,377	3/4	134,156	3/4	118,936	3/4	103,712	3/4	88,486
11		11	209,043	11	194,616	11	179,502	11	164,281	11	149,060	11	133,839	11	118,618	11	103,395	11	88,169
1/4	1/4		208,750	1/4	194,307	1/4	179,185	1/4	163,964	1/4	148,743	1/4	133,522	1/4	118,301	1/4	103,078	1/4	87,851
1/2	1/2		208,457	1/2	193,998	1/2	178,867	1/2	163,647	1/2	148,426	1/2	133,205	1/2	117,984	1/2	102,761	1/2	87,534
3/4	3/4		208,164	3/4	193,688	3/4	178,550	3/4	163,330	3/4	148,109	3/4	132,888	3/4	117,667	3/4	102,443	3/4	87,217

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 387"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,900	0	71,673	0	56,447	0	41,238	0	26,015	0	10,789	0		0		0		0	
1/4	86,583	1/4	71,356	1/4	56,130	1/4	40,921	1/4	25,698	1/4	10,472	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,265	1/2	71,039	1/2	55,812	1/2	40,605	1/2	25,381	1/2	10,155	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,948	3/4	70,722	3/4	55,495	3/4	40,288	3/4	25,064	3/4	9,838	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,631	1	70,404	1	55,178	1	39,971	1	24,746	1	9,520	1	1	1	1	1	1	1	1
1/4	85,314	1/4	70,087	1/4	54,861	1/4	39,654	1/4	24,429	1/4	9,203	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,996	1/2	69,770	1/2	54,544	1/2	39,338	1/2	24,112	1/2	8,886	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,679	3/4	69,453	3/4	54,226	3/4	39,021	3/4	23,795	3/4	8,569	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,362	2	69,136	2	53,909	2	38,703	2	23,478	2	8,252	2	2	2	2	2	2	2	2
1/4	84,045	1/4	68,818	1/4	53,592	1/4	38,386	1/4	23,160	1/4	7,934	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,728	1/2	68,501	1/2	53,275	1/2	38,069	1/2	22,843	1/2	7,617	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,410	3/4	68,184	3/4	52,957	3/4	37,752	3/4	22,526	3/4	7,300	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	83,093	3	67,867	3	52,640	3	37,435	3	22,209	3	6,983	3	3	3	3	3	3	3	3
1/4	82,776	1/4	67,549	1/4	52,323	1/4	37,117	1/4	21,891	1/4	6,666	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,459	1/2	67,232	1/2	52,006	1/2	36,800	1/2	21,574	1/2	6,349	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,141	3/4	66,915	3/4	51,689	3/4	36,483	3/4	21,257	3/4	6,032	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,824	4	66,598	4	51,372	4	36,166	4	20,940	4	5,715	4	4	4	4	4	4	4	4
1/4	81,507	1/4	66,281	1/4	51,056	1/4	35,849	1/4	20,623	1/4	5,398	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,190	1/2	65,963	1/2	50,739	1/2	35,531	1/2	20,305	1/2	5,082	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,873	3/4	65,646	3/4	50,422	3/4	35,214	3/4	19,988	3/4	4,766	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,555	5	65,329	5	50,106	5	34,897	5	19,671	5	4,450	5	5	5	5	5	5	5	5
1/4	80,238	1/4	65,012	1/4	49,789	1/4	34,580	1/4	19,354	1/4	4,134	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,921	1/2	64,695	1/2	49,472	1/2	34,262	1/2	19,037	1/2	3,819	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,604	3/4	64,377	3/4	49,155	3/4	33,945	3/4	18,719	3/4	3,528	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,287	6	64,060	6	48,839	6	33,628	6	18,402	6	3,237	6	6	6	6	6	6	6	6
1/4	78,969	1/4	63,743	1/4	48,522	1/4	33,311	1/4	18,085	1/4	2,947	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,652	1/2	63,426	1/2	48,205	1/2	32,994	1/2	17,768	1/2	2,656	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,335	3/4	63,108	3/4	47,889	3/4	32,676	3/4	17,451	3/4	2,418	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	78,018	7	62,791	7	47,572	7	32,359	7	17,133	7	2,180	7	7	7	7	7	7	7	7
1/4	77,700	1/4	62,474	1/4	47,255	1/4	32,042	1/4	16,816	1/4	1,942	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,383	1/2	62,157	1/2	46,939	1/2	31,725	1/2	16,499	1/2	1,705	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,066	3/4	61,840	3/4	46,622	3/4	31,408	3/4	16,182	3/4	1,520	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,749	8	61,522	8	46,305	8	31,090	8	15,865	8	1,335	8	8	8	8	8	8	8	8
1/4	76,432	1/4	61,205	1/4	45,988	1/4	30,773	1/4	15,547	1/4	1,150	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,114	1/2	60,888	1/2	45,672	1/2	30,456	1/2	15,230	1/2	964	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,797	3/4	60,571	3/4	45,355	3/4	30,139	3/4	14,913	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,480	9	60,253	9	45,038	9	29,822	9	14,596	9		9	9	9	9	9	9	9	9
1/4	75,163	1/4	59,936	1/4	44,722	1/4	29,504	1/4	14,279	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,845	1/2	59,619	1/2	44,405	1/2	29,187	1/2	13,961	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,528	3/4	59,302	3/4	44,088	3/4	28,870	3/4	13,644	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	74,211	10	58,985	10	43,772	10	28,553	10	13,327	10		10	10	10	10	10	10	10	10
1/4	73,894	1/4	58,667	1/4	43,455	1/4	28,236	1/4	13,010	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,577	1/2	58,350	1/2	43,138	1/2	27,918	1/2	12,693	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,259	3/4	58,033	3/4	42,821	3/4	27,601	3/4	12,375	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,942	11	57,716	11	42,505	11	27,284	11	12,058	11		11	11	11	11	11	11	11	11
1/4	72,625	1/4	57,399	1/4	42,188	1/4	26,967	1/4	11,741	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,308	1/2	57,081	1/2	41,871	1/2	26,650	1/2	11,424	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,991	3/4	56,764	3/4	41,555	3/4	26,332	3/4	11,107	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

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



# BARGE "CBC 387"

# 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	208,058	0	193,584	0	178,449	0	163,230	0	148,011	0	132,792	0	117,573	0	102,351		
1/4	1/4	1/4	1/4	1/4	207,764	1/4	193,274	1/4	178,131	1/4	162,913	1/4	147,694	1/4	132,475	1/4	117,256	1/4	102,033		
1/2	1/2	1/2	1/2	1/2	207,470	1/2	192,964	1/2	177,814	1/2	162,595	1/2	147,376	1/2	132,157	1/2	116,938	1/2	101,716		
3/4	3/4	3/4	3/4	3/4	220,174	3/4	207,176	3/4	192,654	3/4	177,497	3/4	162,278	3/4	147,059	3/4	131,840	3/4	116,621	3/4	101,399
1		1		1	219,992	1	206,881	1	192,342	1	177,180	1	161,961	1	146,742	1	131,523	1	116,304	1	101,082
1/4	1/4	1/4	1/4	1/4	219,810	1/4	206,586	1/4	192,031	1/4	176,863	1/4	161,644	1/4	146,425	1/4	131,206	1/4	115,987	1/4	100,765
1/2	1/2	1/2	1/2	1/2	219,628	1/2	206,291	1/2	191,720	1/2	176,546	1/2	161,327	1/2	146,108	1/2	130,889	1/2	115,670	1/2	100,448
3/4	3/4	3/4	3/4	3/4	219,446	3/4	205,996	3/4	191,408	3/4	176,229	3/4	161,010	3/4	145,791	3/4	130,572	3/4	115,353	3/4	100,130
2		2		2	219,213	2	205,699	2	191,095	2	175,912	2	160,693	2	145,474	2	130,255	2	115,036	2	99,813
1/4	1/4	1/4	1/4	1/4	218,979	1/4	205,403	1/4	190,783	1/4	175,595	1/4	160,376	1/4	145,157	1/4	129,938	1/4	114,719	1/4	99,496
1/2	1/2	1/2	1/2	1/2	218,745	1/2	205,107	1/2	190,470	1/2	175,278	1/2	160,059	1/2	144,840	1/2	129,621	1/2	114,402	1/2	99,179
3/4	3/4	3/4	3/4	3/4	218,512	3/4	204,810	3/4	190,157	3/4	174,961	3/4	159,742	3/4	144,523	3/4	129,304	3/4	114,085	3/4	98,862
3		3		3	218,259	3	204,513	3	189,844	3	174,644	3	159,425	3	144,206	3	128,987	3	113,768	3	98,545
1/4	1/4	1/4	1/4	1/4	218,005	1/4	204,215	1/4	189,530	1/4	174,327	1/4	159,108	1/4	143,889	1/4	128,670	1/4	113,451	1/4	98,227
1/2	1/2	1/2	1/2	1/2	217,752	1/2	203,917	1/2	189,216	1/2	174,010	1/2	158,791	1/2	143,572	1/2	128,353	1/2	113,134	1/2	97,910
3/4	3/4	3/4	3/4	3/4	217,499	3/4	203,620	3/4	188,902	3/4	173,693	3/4	158,474	3/4	143,255	3/4	128,036	3/4	112,817	3/4	97,593
4		4		4	217,220	4	203,321	4	188,587	4	173,376	4	158,157	4	142,938	4	127,719	4	112,500	4	97,276
1/4	1/4	1/4	1/4	1/4	216,940	1/4	203,022	1/4	188,271	1/4	173,058	1/4	157,840	1/4	142,621	1/4	127,402	1/4	112,183	1/4	96,959
1/2	1/2	1/2	1/2	1/2	216,661	1/2	202,723	1/2	187,956	1/2	172,741	1/2	157,522	1/2	142,303	1/2	127,084	1/2	111,865	1/2	96,641
3/4	3/4	3/4	3/4	3/4	216,381	3/4	202,424	3/4	187,641	3/4	172,424	3/4	157,205	3/4	141,986	3/4	126,767	3/4	111,548	3/4	96,324
5		5		5	216,099	5	202,124	5	187,325	5	172,107	5	156,888	5	141,669	5	126,450	5	111,231	5	96,007
1/4	1/4	1/4	1/4	1/4	215,818	1/4	201,824	1/4	187,008	1/4	171,790	1/4	156,571	1/4	141,352	1/4	126,133	1/4	110,914	1/4	95,690
1/2	1/2	1/2	1/2	1/2	215,536	1/2	201,523	1/2	186,692	1/2	171,473	1/2	156,254	1/2	141,035	1/2	125,816	1/2	110,597	1/2	95,373
3/4	3/4	3/4	3/4	3/4	215,254	3/4	201,223	3/4	186,375	3/4	171,156	3/4	155,937	3/4	140,718	3/4	125,499	3/4	110,280	3/4	95,056
6		6		6	214,971	6	200,922	6	186,058	6	170,839	6	155,620	6	140,401	6	125,182	6	109,963	6	94,738
1/4	1/4	1/4	1/4	1/4	214,687	1/4	200,620	1/4	185,741	1/4	170,522	1/4	155,303	1/4	140,084	1/4	124,865	1/4	109,646	1/4	94,421
1/2	1/2	1/2	1/2	1/2	214,404	1/2	200,319	1/2	185,424	1/2	170,205	1/2	154,986	1/2	139,767	1/2	124,548	1/2	109,329	1/2	94,104
3/4	3/4	3/4	3/4	3/4	214,121	3/4	200,018	3/4	185,107	3/4	169,888	3/4	154,669	3/4	139,450	3/4	124,231	3/4	109,011	3/4	93,787
7		7		7	213,836	7	199,715	7	184,790	7	169,571	7	154,352	7	139,133	7	123,914	7	108,694	7	93,470
1/4	1/4	1/4	1/4	1/4	213,551	1/4	199,412	1/4	184,473	1/4	169,254	1/4	154,035	1/4	138,816	1/4	123,597	1/4	108,377	1/4	93,152
1/2	1/2	1/2	1/2	1/2	213,266	1/2	199,110	1/2	184,156	1/2	168,937	1/2	153,718	1/2	138,499	1/2	123,280	1/2	108,060	1/2	92,835
3/4	3/4	3/4	3/4	3/4	212,982	3/4	198,807	3/4	183,839	3/4	168,620	3/4	153,401	3/4	138,182	3/4	122,963	3/4	107,743	3/4	92,518
8		8		8	212,696	8	198,502	8	183,522	8	168,303	8	153,084	8	137,865	8	122,646	8	107,426	8	92,201
1/4	1/4	1/4	1/4	1/4	212,410	1/4	198,197	1/4	183,204	1/4	167,985	1/4	152,767	1/4	137,548	1/4	122,329	1/4	107,108	1/4	91,884
1/2	1/2	1/2	1/2	1/2	212,124	1/2	197,892	1/2	182,887	1/2	167,668	1/2	152,449	1/2	137,230	1/2	122,011	1/2	106,791	1/2	91,567
3/4	3/4	3/4	3/4	3/4	211,838	3/4	197,586	3/4	182,570	3/4	167,351	3/4	152,132	3/4	136,913	3/4	121,694	3/4	106,474	3/4	91,249
9		9		9	211,551	9	197,280	9	182,253	9	167,034	9	151,815	9	136,596	9	121,377	9	106,157	9	90,932
1/4	1/4	1/4	1/4	1/4	211,263	1/4	196,974	1/4	181,936	1/4	166,717	1/4	151,498	1/4	136,279	1/4	121,060	1/4	105,840	1/4	90,615
1/2	1/2	1/2	1/2	1/2	210,976	1/2	196,667	1/2	181,619	1/2	166,400	1/2	151,181	1/2	135,962	1/2	120,743	1/2	105,522	1/2	90,298
3/4	3/4	3/4	3/4	3/4	210,689	3/4	196,361	3/4	181,302	3/4	166,083	3/4	150,864	3/4	135,645	3/4	120,426	3/4	105,205	3/4	89,981
10		10		10	210,397	10	196,053	10	180,985	10	165,766	10	150,547	10	135,328	10	120,109	10	104,888	10	89,663
1/4	1/4	1/4	1/4	1/4	210,106	1/4	195,745	1/4	180,668	1/4	165,449	1/4	150,230	1/4	135,011	1/4	119,792	1/4	104,571	1/4	89,346
1/2	1/2	1/2	1/2	1/2	209,814	1/2	195,438	1/2	180,351	1/2	165,132	1/2	149,913	1/2	134,694	1/2	119,475	1/2	104,254	1/2	89,029
3/4	3/4	3/4	3/4	3/4	209,523	3/4	195,130	3/4	180,034	3/4	164,815	3/4	149,596	3/4	134,377	3/4	119,158	3/4	103,937	3/4	88,712
11		11		11	209,230	11	194,821	11	179,717	11	164,498	11	149,279	11	134,060	11	118,841	11	103,619	11	88,395
1/4	1/4	1/4	1/4	1/4	208,937	1/4	194,512	1/4	179,400	1/4	164,181	1/4	148,962	1/4	133,743	1/4	118,524	1/4	103,302	1/4	88,078
1/2	1/2	1/2	1/2	1/2	208,645	1/2	194,203	1/2	179,083	1/2	163,864	1/2	148,645	1/2	133,426	1/2	118,207	1/2	102,985	1/2	87,760
3/4	3/4	3/4	3/4	3/4	208,352	3/4	193,894	3/4	178,766	3/4	163,547	3/4	148,328	3/4	133,109	3/4	117,890	3/4	102,668	3/4	87,443

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 TOP LIP OF 2" "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 387"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	87,126	0	71,901	0	56,677	0	41,531	0	26,328	0	11,104	0		0		0		0	
1/4	86,809	1/4	71,584	1/4	56,360	1/4	41,216	1/4	26,011	1/4	10,787	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,492	1/2	71,267	1/2	56,042	1/2	40,901	1/2	25,694	1/2	10,470	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,174	3/4	70,950	3/4	55,725	3/4	40,586	3/4	25,377	3/4	10,153	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,857	1	70,633	1	55,408	1	40,271	1	25,060	1	9,836	1	1	1	1	1	1	1	1
1/4	85,540	1/4	70,316	1/4	55,091	1/4	39,956	1/4	24,743	1/4	9,519	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,223	1/2	69,998	1/2	54,774	1/2	39,641	1/2	24,425	1/2	9,201	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,906	3/4	69,681	3/4	54,457	3/4	39,326	3/4	24,108	3/4	8,884	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,589	2	69,364	2	54,139	2	39,010	2	23,791	2	8,567	2	2	2	2	2	2	2	2
1/4	84,271	1/4	69,047	1/4	53,822	1/4	38,695	1/4	23,474	1/4	8,250	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,954	1/2	68,730	1/2	53,505	1/2	38,379	1/2	23,157	1/2	7,933	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,637	3/4	68,412	3/4	53,188	3/4	38,064	3/4	22,840	3/4	7,616	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	83,320	3	68,095	3	52,872	3	37,746	3	22,522	3	7,298	3	3	3	3	3	3	3	3
1/4	83,003	1/4	67,778	1/4	52,557	1/4	37,429	1/4	22,205	1/4	6,981	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,686	1/2	67,461	1/2	52,241	1/2	37,112	1/2	21,888	1/2	6,664	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,368	3/4	67,144	3/4	51,926	3/4	36,795	3/4	21,571	3/4	6,347	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	82,051	4	66,827	4	51,611	4	36,478	4	21,254	4	6,030	4	4	4	4	4	4	4	4
1/4	81,734	1/4	66,509	1/4	51,296	1/4	36,161	1/4	20,937	1/4	5,714	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,417	1/2	66,192	1/2	50,981	1/2	35,843	1/2	20,619	1/2	5,397	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,100	3/4	65,875	3/4	50,666	3/4	35,526	3/4	20,302	3/4	5,080	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,782	5	65,558	5	50,351	5	35,209	5	19,985	5	4,764	5	5	5	5	5	5	5	5
1/4	80,465	1/4	65,241	1/4	50,036	1/4	34,892	1/4	19,668	1/4	4,449	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,148	1/2	64,923	1/2	49,721	1/2	34,575	1/2	19,351	1/2	4,133	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,831	3/4	64,606	3/4	49,406	3/4	34,258	3/4	19,034	3/4	3,817	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,514	6	64,289	6	49,091	6	33,940	6	18,716	6	3,527	6	6	6	6	6	6	6	6
1/4	79,197	1/4	63,972	1/4	48,776	1/4	33,623	1/4	18,399	1/4	3,236	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,879	1/2	63,655	1/2	48,461	1/2	33,306	1/2	18,082	1/2	2,946	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,562	3/4	63,338	3/4	48,146	3/4	32,989	3/4	17,765	3/4	2,655	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	78,245	7	63,020	7	47,831	7	32,672	7	17,448	7	2,417	7	7	7	7	7	7	7	7
1/4	77,928	1/4	62,703	1/4	47,516	1/4	32,355	1/4	17,131	1/4	2,179	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,611	1/2	62,386	1/2	47,201	1/2	32,037	1/2	16,813	1/2	1,941	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,293	3/4	62,069	3/4	46,886	3/4	31,720	3/4	16,496	3/4	1,703	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,976	8	61,752	8	46,571	8	31,403	8	16,179	8	1,519	8	8	8	8	8	8	8	8
1/4	76,659	1/4	61,434	1/4	46,256	1/4	31,086	1/4	15,862	1/4	1,334	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,342	1/2	61,117	1/2	45,941	1/2	30,769	1/2	15,545	1/2	1,149	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,025	3/4	60,800	3/4	45,626	3/4	30,452	3/4	15,228	3/4	964	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,708	9	60,483	9	45,311	9	30,134	9	14,910	9		9	9	9	9	9	9	9	9
1/4	75,390	1/4	60,166	1/4	44,996	1/4	29,817	1/4	14,593	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,073	1/2	59,849	1/2	44,681	1/2	29,500	1/2	14,276	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,756	3/4	59,531	3/4	44,366	3/4	29,183	3/4	13,959	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	74,439	10	59,214	10	44,051	10	28,866	10	13,642	10		10	10	10	10	10	10	10	10
1/4	74,122	1/4	58,897	1/4	43,736	1/4	28,549	1/4	13,325	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,804	1/2	58,580	1/2	43,421	1/2	28,231	1/2	13,007	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,487	3/4	58,263	3/4	43,106	3/4	27,914	3/4	12,690	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	73,170	11	57,945	11	42,791	11	27,597	11	12,373	11		11	11	11	11	11	11	11	11
1/4	72,853	1/4	57,628	1/4	42,476	1/4	27,280	1/4	12,056	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,536	1/2	57,311	1/2	42,161	1/2	26,963	1/2	11,739	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,219	3/4	56,994	3/4	41,846	3/4	26,646	3/4	11,422	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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<http://www.pmacorp.net>



# BARGE "CBC 387"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	219,569	0	206,611	0	192,133	0	177,024	0	161,852	0	146,681	0	131,509	0	116,338	0	101,163		
1/4	1/4	219,388	1/4	206,317	1/4	191,823	1/4	176,708	1/4	161,536	1/4	146,365	1/4	131,193	1/4	116,022	1/4	100,847	1/4		
1/2	1/2	219,206	1/2	206,023	1/2	191,512	1/2	176,392	1/2	161,220	1/2	146,049	1/2	130,877	1/2	115,705	1/2	100,530	1/2		
3/4	3/4	219,025	3/4	205,729	3/4	191,202	3/4	176,076	3/4	160,904	3/4	145,733	3/4	130,561	3/4	115,389	3/4	100,214	3/4		
1		1	218,843	1	205,434	1	190,892	1	175,760	1	160,588	1	145,417	1	130,245	1	115,073	1	99,898		
1/4	1/4	218,611	1/4	205,139	1/4	190,580	1/4	175,444	1/4	160,272	1/4	145,100	1/4	129,929	1/4	114,757	1/4	99,582	1/4		
1/2	1/2	218,378	1/2	204,843	1/2	190,268	1/2	175,128	1/2	159,956	1/2	144,784	1/2	129,613	1/2	114,441	1/2	99,266	1/2		
3/4	3/4	218,145	3/4	204,548	3/4	189,956	3/4	174,811	3/4	159,640	3/4	144,468	3/4	129,297	3/4	114,125	3/4	98,950	3/4		
2		2	217,912	2	204,252	2	189,645	2	174,495	2	159,324	2	144,152	2	128,981	2	113,809	2	98,633		
1/4	1/4	217,660	1/4	203,956	1/4	189,332	1/4	174,179	1/4	159,008	1/4	143,836	1/4	128,665	1/4	113,493	1/4	98,317	1/4		
1/2	1/2	217,407	1/2	203,659	1/2	189,019	1/2	173,863	1/2	158,692	1/2	143,520	1/2	128,348	1/2	113,177	1/2	98,001	1/2		
3/4	3/4	217,155	3/4	203,362	3/4	188,706	3/4	173,547	3/4	158,376	3/4	143,204	3/4	128,032	3/4	112,861	3/4	97,685	3/4		
3		3	216,902	3	203,065	3	188,393	3	173,231	3	158,060	3	142,888	3	127,716	3	112,545	3	97,369		
1/4	1/4	216,624	1/4	202,767	1/4	188,079	1/4	172,915	1/4	157,743	1/4	142,572	1/4	127,400	1/4	112,229	1/4	97,052	1/4		
1/2	1/2	216,345	1/2	202,469	1/2	187,765	1/2	172,599	1/2	157,427	1/2	142,256	1/2	127,084	1/2	111,913	1/2	96,736	1/2		
3/4	3/4	216,067	3/4	202,171	3/4	187,450	3/4	172,283	3/4	157,111	3/4	141,940	3/4	126,768	3/4	111,596	3/4	96,420	3/4		
4		4	215,788	4	201,873	4	187,136	4	171,967	4	156,795	4	141,624	4	126,452	4	111,280	4	96,104		
1/4	1/4	215,507	1/4	201,574	1/4	186,821	1/4	171,651	1/4	156,479	1/4	141,308	1/4	126,136	1/4	110,964	1/4	95,788	1/4		
1/2	1/2	215,226	1/2	201,275	1/2	186,505	1/2	171,335	1/2	156,163	1/2	140,991	1/2	125,820	1/2	110,648	1/2	95,471	1/2		
3/4	3/4	214,945	3/4	200,976	3/4	186,190	3/4	171,019	3/4	155,847	3/4	140,675	3/4	125,504	3/4	110,332	3/4	95,155	3/4		
5		5	214,664	5	200,676	5	185,874	5	170,703	5	155,531	5	140,359	5	125,188	5	110,016	5	94,839		
1/4	1/4	214,382	1/4	200,376	1/4	185,558	1/4	170,386	1/4	155,215	1/4	140,043	1/4	124,872	1/4	109,700	1/4	94,523	1/4		
1/2	1/2	214,099	1/2	200,075	1/2	185,242	1/2	170,070	1/2	154,899	1/2	139,727	1/2	124,556	1/2	109,384	1/2	94,207	1/2		
3/4	3/4	213,817	3/4	199,775	3/4	184,926	3/4	169,754	3/4	154,583	3/4	139,411	3/4	124,239	3/4	109,068	3/4	93,891	3/4		
6		6	213,534	6	199,474	6	184,610	6	169,438	6	154,267	6	139,095	6	123,923	6	108,751	6	93,574		
1/4	1/4	213,250	1/4	199,173	1/4	184,294	1/4	169,122	1/4	153,951	1/4	138,779	1/4	123,607	1/4	108,435	1/4	93,258	1/4		
1/2	1/2	212,966	1/2	198,871	1/2	183,978	1/2	168,806	1/2	153,634	1/2	138,463	1/2	123,291	1/2	108,119	1/2	92,942	1/2		
3/4	3/4	212,683	3/4	198,569	3/4	183,662	3/4	168,490	3/4	153,318	3/4	138,147	3/4	122,975	3/4	107,803	3/4	92,626	3/4		
7		7	212,399	7	198,267	7	183,346	7	168,174	7	153,002	7	137,831	7	122,659	7	107,487	7	92,310		
1/4	1/4	212,114	1/4	197,963	1/4	183,029	1/4	167,858	1/4	152,686	1/4	137,515	1/4	122,343	1/4	107,170	1/4	91,993	1/4		
1/2	1/2	211,829	1/2	197,659	1/2	182,713	1/2	167,542	1/2	152,370	1/2	137,199	1/2	122,027	1/2	106,854	1/2	91,677	1/2		
3/4	3/4	211,543	3/4	197,355	3/4	182,397	3/4	167,226	3/4	152,054	3/4	136,882	3/4	121,711	3/4	106,538	3/4	91,361	3/4		
8		8	211,258	8	197,051	8	182,081	8	166,910	8	151,738	8	136,566	8	121,395	8	106,222	8	91,045		
1/4	1/4	210,972	1/4	196,745	1/4	181,765	1/4	166,594	1/4	151,422	1/4	136,250	1/4	121,079	1/4	105,906	1/4	90,729	1/4		
1/2	1/2	210,686	1/2	196,440	1/2	181,449	1/2	166,277	1/2	151,106	1/2	135,934	1/2	120,763	1/2	105,589	1/2	90,412	1/2		
3/4	3/4	210,399	3/4	196,134	3/4	181,133	3/4	165,961	3/4	150,790	3/4	135,618	3/4	120,447	3/4	105,273	3/4	90,096	3/4		
9		9	210,113	9	195,829	9	180,817	9	165,645	9	150,474	9	135,302	9	120,131	9	104,957	9	89,780		
1/4	1/4	209,822	1/4	195,522	1/4	180,501	1/4	165,329	1/4	150,158	1/4	134,986	1/4	119,814	1/4	104,641	1/4	89,464	1/4		
1/2	1/2	209,532	1/2	195,215	1/2	180,185	1/2	165,013	1/2	149,842	1/2	134,670	1/2	119,498	1/2	104,325	1/2	89,148	1/2		
3/4	3/4	209,241	3/4	194,909	3/4	179,869	3/4	164,697	3/4	149,525	3/4	134,354	3/4	119,182	3/4	104,009	3/4	88,832	3/4		
10		10	208,951	10	194,602	10	179,553	10	164,381	10	149,209	10	134,038	10	118,866	10	103,692	10	88,515		
1/4	1/4	208,659	1/4	194,294	1/4	179,237	1/4	164,065	1/4	148,893	1/4	133,722	1/4	118,550	1/4	103,376	1/4	88,199	1/4		
1/2	1/2	208,367	1/2	193,986	1/2	178,920	1/2	163,749	1/2	148,577	1/2	133,406	1/2	118,234	1/2	103,060	1/2	87,883	1/2		
3/4	3/4	208,075	3/4	193,678	3/4	178,604	3/4	163,433	3/4	148,261	3/4	133,090	3/4	117,918	3/4	102,744	3/4	87,567	3/4		
11		11	207,783	11	193,370	11	178,288	11	163,117	11	147,945	11	132,774	11	117,602	11	102,428	11	87,251		
1/4	1/4	207,490	1/4	193,061	1/4	177,972	1/4	162,801	1/4	147,629	1/4	132,457	1/4	117,286	1/4	102,111	1/4	86,934	1/4		
1/2	1/2	207,197	1/2	192,752	1/2	177,656	1/2	162,485	1/2	147,313	1/2	132,141	1/2	116,970	1/2	101,795	1/2	86,618	1/2		
3/4	3/4	206,904	3/4	192,443	3/4	177,340	3/4	162,168	3/4	146,997	3/4	131,825	3/4	116,654	3/4	101,479	3/4	86,302	3/4		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 387"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,986	0	70,809	0	55,632	0	40,473	0	25,299	0	10,122	0		0		0		0	
1/4	85,670	1/4	70,493	1/4	55,316	1/4	40,158	1/4	24,982	1/4	9,806	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,353	1/2	70,176	1/2	54,999	1/2	39,842	1/2	24,666	1/2	9,490	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,037	3/4	69,860	3/4	54,683	3/4	39,526	3/4	24,350	3/4	9,174	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,721	1	69,544	1	54,367	1	39,211	1	24,034	1	8,857	1	1	1	1	1	1	1	1
1/4	84,405	1/4	69,228	1/4	54,051	1/4	38,894	1/4	23,718	1/4	8,541	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,089	1/2	68,912	1/2	53,735	1/2	38,578	1/2	23,402	1/2	8,225	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,772	3/4	68,595	3/4	53,418	3/4	38,262	3/4	23,085	3/4	7,909	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,456	2	68,279	2	53,102	2	37,946	2	22,769	2	7,593	2	2	2	2	2	2	2	2
1/4	83,140	1/4	67,963	1/4	52,786	1/4	37,630	1/4	22,453	1/4	7,276	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,824	1/2	67,647	1/2	52,470	1/2	37,314	1/2	22,137	1/2	6,960	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,508	3/4	67,331	3/4	52,154	3/4	36,997	3/4	21,821	3/4	6,644	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,192	3	67,015	3	51,837	3	36,681	3	21,505	3	6,328	3	3	3	3	3	3	3	3
1/4	81,875	1/4	66,698	1/4	51,522	1/4	36,365	1/4	21,188	1/4	6,012	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,559	1/2	66,382	1/2	51,206	1/2	36,049	1/2	20,872	1/2	5,697	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,243	3/4	66,066	3/4	50,890	3/4	35,733	3/4	20,556	3/4	5,381	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,927	4	65,750	4	50,575	4	35,416	4	20,240	4	5,065	4	4	4	4	4	4	4	4
1/4	80,611	1/4	65,434	1/4	50,259	1/4	35,100	1/4	19,924	1/4	4,750	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,294	1/2	65,117	1/2	49,943	1/2	34,784	1/2	19,607	1/2	4,436	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,978	3/4	64,801	3/4	49,628	3/4	34,468	3/4	19,291	3/4	4,121	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,662	5	64,485	5	49,312	5	34,152	5	18,975	5	3,806	5	5	5	5	5	5	5	5
1/4	79,346	1/4	64,169	1/4	48,996	1/4	33,836	1/4	18,659	1/4	3,517	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,030	1/2	63,853	1/2	48,681	1/2	33,519	1/2	18,343	1/2	3,227	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,713	3/4	63,536	3/4	48,365	3/4	33,203	3/4	18,027	3/4	2,937	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,397	6	63,220	6	48,049	6	32,887	6	17,710	6	2,647	6	6	6	6	6	6	6	6
1/4	78,081	1/4	62,904	1/4	47,734	1/4	32,571	1/4	17,394	1/4	2,410	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,765	1/2	62,588	1/2	47,418	1/2	32,255	1/2	17,078	1/2	2,173	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,449	3/4	62,272	3/4	47,102	3/4	31,938	3/4	16,762	3/4	1,936	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,133	7	61,955	7	46,787	7	31,622	7	16,446	7	1,699	7	7	7	7	7	7	7	7
1/4	76,816	1/4	61,639	1/4	46,471	1/4	31,306	1/4	16,129	1/4	1,515	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,500	1/2	61,323	1/2	46,155	1/2	30,990	1/2	15,813	1/2	1,330	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,184	3/4	61,007	3/4	45,840	3/4	30,674	3/4	15,497	3/4	1,146	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,868	8	60,691	8	45,524	8	30,358	8	15,181	8	961	8	8	8	8	8	8	8	8
1/4	75,552	1/4	60,375	1/4	45,208	1/4	30,041	1/4	14,865	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,235	1/2	60,058	1/2	44,893	1/2	29,725	1/2	14,549	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,919	3/4	59,742	3/4	44,577	3/4	29,409	3/4	14,232	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,603	9	59,426	9	44,261	9	29,093	9	13,916	9		9	9	9	9	9	9	9	9
1/4	74,287	1/4	59,110	1/4	43,946	1/4	28,777	1/4	13,600	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,971	1/2	58,794	1/2	43,630	1/2	28,460	1/2	13,284	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,654	3/4	58,477	3/4	43,314	3/4	28,144	3/4	12,968	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,338	10	58,161	10	42,999	10	27,828	10	12,651	10		10	10	10	10	10	10	10	10
1/4	73,022	1/4	57,845	1/4	42,683	1/4	27,512	1/4	12,335	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,706	1/2	57,529	1/2	42,367	1/2	27,196	1/2	12,019	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,390	3/4	57,213	3/4	42,052	3/4	26,880	3/4	11,703	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,074	11	56,896	11	41,736	11	26,563	11	11,387	11		11	11	11	11	11	11	11	11
1/4	71,757	1/4	56,580	1/4	41,420	1/4	26,247	1/4	11,071	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,441	1/2	56,264	1/2	41,105	1/2	25,931	1/2	10,754	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,125	3/4	55,948	3/4	40,789	3/4	25,615	3/4	10,438	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 387"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	207,215	0	192,795	0	177,707	0	162,528	0	147,349	0	132,170	0	116,991	0	101,810
1/4	1/4	1/4	1/4	1/4	206,922	1/4	192,486	1/4	177,391	1/4	162,212	1/4	147,033	1/4	131,854	1/4	116,675	1/4	101,493
1/2	1/2	1/2	1/2	1/2	206,629	1/2	192,177	1/2	177,074	1/2	161,896	1/2	146,717	1/2	131,538	1/2	116,359	1/2	101,177
3/4	3/4	3/4	3/4	3/4	206,336	3/4	191,867	3/4	176,758	3/4	161,579	3/4	146,400	3/4	131,222	3/4	116,043	3/4	100,861
1		1	219,007	1	206,043	1	191,558	1	176,442	1	161,263	1	146,084	1	130,905	1	115,726	1	100,544
1/4	1/4	1/4	218,826	1/4	205,748	1/4	191,247	1/4	176,126	1/4	160,947	1/4	145,768	1/4	130,589	1/4	115,410	1/4	100,228
1/2	1/2	1/2	218,644	1/2	205,454	1/2	190,937	1/2	175,810	1/2	160,631	1/2	145,452	1/2	130,273	1/2	115,094	1/2	99,912
3/4	3/4	3/4	218,463	3/4	205,160	3/4	190,626	3/4	175,493	3/4	160,314	3/4	145,136	3/4	129,957	3/4	114,778	3/4	99,595
2		2	218,281	2	204,865	2	190,316	2	175,177	2	159,998	2	144,819	2	129,640	2	114,462	2	99,279
1/4	1/4	1/4	218,048	1/4	204,570	1/4	190,004	1/4	174,861	1/4	159,682	1/4	144,503	1/4	129,324	1/4	114,145	1/4	98,963
1/2	1/2	1/2	217,815	1/2	204,274	1/2	189,692	1/2	174,545	1/2	159,366	1/2	144,187	1/2	129,008	1/2	113,829	1/2	98,646
3/4	3/4	3/4	217,582	3/4	203,978	3/4	189,380	3/4	174,228	3/4	159,050	3/4	143,871	3/4	128,692	3/4	113,513	3/4	98,330
3		3	217,349	3	203,683	3	189,068	3	173,912	3	158,733	3	143,554	3	128,376	3	113,197	3	98,013
1/4	1/4	1/4	217,097	1/4	203,386	1/4	188,755	1/4	173,596	1/4	158,417	1/4	143,238	1/4	128,059	1/4	112,880	1/4	97,697
1/2	1/2	1/2	216,844	1/2	203,089	1/2	188,442	1/2	173,280	1/2	158,101	1/2	142,922	1/2	127,743	1/2	112,564	1/2	97,381
3/4	3/4	3/4	216,592	3/4	202,792	3/4	188,129	3/4	172,964	3/4	157,785	3/4	142,606	3/4	127,427	3/4	112,248	3/4	97,064
4		4	216,339	4	202,495	4	187,816	4	172,647	4	157,468	4	142,290	4	127,111	4	111,932	4	96,748
1/4	1/4	1/4	216,060	1/4	202,197	1/4	187,501	1/4	172,331	1/4	157,152	1/4	141,973	1/4	126,794	1/4	111,615	1/4	96,432
1/2	1/2	1/2	215,782	1/2	201,899	1/2	187,187	1/2	172,015	1/2	156,836	1/2	141,657	1/2	126,478	1/2	111,299	1/2	96,115
3/4	3/4	3/4	215,503	3/4	201,601	3/4	186,873	3/4	171,699	3/4	156,520	3/4	141,341	3/4	126,162	3/4	110,983	3/4	95,799
5		5	215,224	5	201,303	5	186,558	5	171,382	5	156,204	5	141,025	5	125,846	5	110,667	5	95,483
1/4	1/4	1/4	214,943	1/4	201,003	1/4	186,243	1/4	171,066	1/4	155,887	1/4	140,708	1/4	125,529	1/4	110,351	1/4	95,166
1/2	1/2	1/2	214,662	1/2	200,704	1/2	185,927	1/2	170,750	1/2	155,571	1/2	140,392	1/2	125,213	1/2	110,034	1/2	94,850
3/4	3/4	3/4	214,381	3/4	200,405	3/4	185,612	3/4	170,434	3/4	155,255	3/4	140,076	3/4	124,897	3/4	109,718	3/4	94,534
6		6	214,100	6	200,105	6	185,296	6	170,117	6	154,939	6	139,760	6	124,581	6	109,402	6	94,217
1/4	1/4	1/4	213,817	1/4	199,805	1/4	184,980	1/4	169,801	1/4	154,622	1/4	139,443	1/4	124,265	1/4	109,086	1/4	93,901
1/2	1/2	1/2	213,535	1/2	199,504	1/2	184,664	1/2	169,485	1/2	154,306	1/2	139,127	1/2	123,948	1/2	108,769	1/2	93,585
3/4	3/4	3/4	213,252	3/4	199,203	3/4	184,348	3/4	169,169	3/4	153,990	3/4	138,811	3/4	123,632	3/4	108,453	3/4	93,268
7		7	212,969	7	198,903	7	184,031	7	168,853	7	153,674	7	138,495	7	123,316	7	108,137	7	92,952
1/4	1/4	1/4	212,685	1/4	198,601	1/4	183,715	1/4	168,536	1/4	153,357	1/4	138,179	1/4	123,000	1/4	107,820	1/4	92,636
1/2	1/2	1/2	212,401	1/2	198,299	1/2	183,399	1/2	168,220	1/2	153,041	1/2	137,862	1/2	122,683	1/2	107,504	1/2	92,319
3/4	3/4	3/4	212,117	3/4	197,997	3/4	183,083	3/4	167,904	3/4	152,725	3/4	137,546	3/4	122,367	3/4	107,187	3/4	92,003
8		8	211,833	8	197,695	8	182,767	8	167,588	8	152,409	8	137,230	8	122,051	8	106,871	8	91,687
1/4	1/4	1/4	211,548	1/4	197,391	1/4	182,450	1/4	167,271	1/4	152,093	1/4	136,914	1/4	121,735	1/4	106,555	1/4	91,370
1/2	1/2	1/2	211,263	1/2	197,086	1/2	182,134	1/2	166,955	1/2	151,776	1/2	136,597	1/2	121,419	1/2	106,238	1/2	91,054
3/4	3/4	3/4	210,978	3/4	196,782	3/4	181,818	3/4	166,639	3/4	151,460	3/4	136,281	3/4	121,102	3/4	105,922	3/4	90,738
9		9	210,692	9	196,478	9	181,502	9	166,323	9	151,144	9	135,965	9	120,786	9	105,606	9	90,421
1/4	1/4	1/4	210,406	1/4	196,172	1/4	181,185	1/4	166,007	1/4	150,828	1/4	135,649	1/4	120,470	1/4	105,289	1/4	90,105
1/2	1/2	1/2	210,119	1/2	195,866	1/2	180,869	1/2	165,690	1/2	150,511	1/2	135,333	1/2	120,154	1/2	104,973	1/2	89,789
3/4	3/4	3/4	209,833	3/4	195,561	3/4	180,553	3/4	165,374	3/4	150,195	3/4	135,016	3/4	119,837	3/4	104,657	3/4	89,472
10		10	209,546	10	195,255	10	180,237	10	165,058	10	149,879	10	134,700	10	119,521	10	104,340	10	89,156
1/4	1/4	1/4	209,256	1/4	194,948	1/4	179,921	1/4	164,742	1/4	149,563	1/4	134,384	1/4	119,205	1/4	104,024	1/4	88,839
1/2	1/2	1/2	208,965	1/2	194,642	1/2	179,604	1/2	164,425	1/2	149,247	1/2	134,068	1/2	118,889	1/2	103,708	1/2	88,523
3/4	3/4	3/4	208,674	3/4	194,335	3/4	179,288	3/4	164,109	3/4	148,930	3/4	133,751	3/4	118,572	3/4	103,391	3/4	88,207
11		11	208,383	11	194,028	11	178,972	11	163,793	11	148,614	11	133,435	11	118,256	11	103,075	11	87,890
1/4	1/4	1/4	208,091	1/4	193,720	1/4	178,656	1/4	163,477	1/4	148,298	1/4	133,119	1/4	117,940	1/4	102,759	1/4	87,574
1/2	1/2	1/2	207,799	1/2	193,412	1/2	178,339	1/2	163,160	1/2	147,982	1/2	132,803	1/2	117,624	1/2	102,442	1/2	87,258
3/4	3/4	3/4	207,507	3/4	193,103	3/4	178,023	3/4	162,844	3/4	147,665	3/4	132,486	3/4	117,308	3/4	102,126	3/4	86,941

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 387"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,625	0	71,441	0	56,256	0	41,589	0	26,576	0	11,392	0		0		0		0	
1/4	86,309	1/4	71,124	1/4	55,940	1/4	41,287	1/4	26,259	1/4	11,075	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,992	1/2	70,808	1/2	55,623	1/2	40,985	1/2	25,943	1/2	10,759	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,676	3/4	70,491	3/4	55,307	3/4	40,683	3/4	25,627	3/4	10,443	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,360	1	70,175	1	54,991	1	40,381	1	25,310	1	10,126	1	1	1	1	1	1	1	1
1/4	85,043	1/4	69,859	1/4	54,674	1/4	40,079	1/4	24,994	1/4	9,810	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,727	1/2	69,542	1/2	54,358	1/2	39,777	1/2	24,678	1/2	9,494	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,411	3/4	69,226	3/4	54,042	3/4	39,475	3/4	24,361	3/4	9,177	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,094	2	68,910	2	53,725	2	39,173	2	24,045	2	8,861	2	2	2	2	2	2	2	2
1/4	83,778	1/4	68,593	1/4	53,409	1/4	38,871	1/4	23,729	1/4	8,545	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,462	1/2	68,277	1/2	53,093	1/2	38,568	1/2	23,412	1/2	8,228	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,145	3/4	67,961	3/4	52,776	3/4	38,266	3/4	23,096	3/4	7,912	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,829	3	67,644	3	52,460	3	37,964	3	22,780	3	7,596	3	3	3	3	3	3	3	3
1/4	82,513	1/4	67,328	1/4	52,157	1/4	37,647	1/4	22,463	1/4	7,280	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,196	1/2	67,012	1/2	51,855	1/2	37,331	1/2	22,147	1/2	6,963	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,880	3/4	66,695	3/4	51,552	3/4	37,015	3/4	21,831	3/4	6,647	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,564	4	66,379	4	51,250	4	36,698	4	21,514	4	6,331	4	4	4	4	4	4	4	4
1/4	81,247	1/4	66,063	1/4	50,948	1/4	36,382	1/4	21,198	1/4	6,015	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,931	1/2	65,746	1/2	50,646	1/2	36,066	1/2	20,882	1/2	5,699	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,615	3/4	65,430	3/4	50,344	3/4	35,749	3/4	20,565	3/4	5,383	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,298	5	65,114	5	50,042	5	35,433	5	20,249	5	5,067	5	5	5	5	5	5	5	5
1/4	79,982	1/4	64,797	1/4	49,740	1/4	35,117	1/4	19,933	1/4	4,752	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,665	1/2	64,481	1/2	49,438	1/2	34,800	1/2	19,616	1/2	4,437	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,349	3/4	64,165	3/4	49,137	3/4	34,484	3/4	19,300	3/4	4,123	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,033	6	63,848	6	48,835	6	34,168	6	18,984	6	3,808	6	6	6	6	6	6	6	6
1/4	78,716	1/4	63,532	1/4	48,533	1/4	33,851	1/4	18,667	1/4	3,518	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,400	1/2	63,216	1/2	48,231	1/2	33,535	1/2	18,351	1/2	3,228	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,084	3/4	62,899	3/4	47,929	3/4	33,219	3/4	18,035	3/4	2,938	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,767	7	62,583	7	47,627	7	32,902	7	17,718	7	2,648	7	7	7	7	7	7	7	7
1/4	77,451	1/4	62,267	1/4	47,325	1/4	32,586	1/4	17,402	1/4	2,411	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,135	1/2	61,950	1/2	47,023	1/2	32,270	1/2	17,086	1/2	2,174	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,818	3/4	61,634	3/4	46,721	3/4	31,953	3/4	16,769	3/4	1,937	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,502	8	61,317	8	46,419	8	31,637	8	16,453	8	1,699	8	8	8	8	8	8	8	8
1/4	76,186	1/4	61,001	1/4	46,117	1/4	31,321	1/4	16,137	1/4	1,515	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,869	1/2	60,685	1/2	45,815	1/2	31,004	1/2	15,820	1/2	1,330	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,553	3/4	60,368	3/4	45,514	3/4	30,688	3/4	15,504	3/4	1,146	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,237	9	60,052	9	45,212	9	30,372	9	15,188	9	962	9	9	9	9	9	9	9	9
1/4	74,920	1/4	59,736	1/4	44,910	1/4	30,055	1/4	14,871	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,604	1/2	59,419	1/2	44,608	1/2	29,739	1/2	14,555	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,288	3/4	59,103	3/4	44,306	3/4	29,423	3/4	14,239	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,971	10	58,787	10	44,004	10	29,106	10	13,922	10		10	10	10	10	10	10	10	10
1/4	73,655	1/4	58,470	1/4	43,702	1/4	28,790	1/4	13,606	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,339	1/2	58,154	1/2	43,400	1/2	28,474	1/2	13,290	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,022	3/4	57,838	3/4	43,098	3/4	28,157	3/4	12,973	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,706	11	57,521	11	42,796	11	27,841	11	12,657	11		11	11	11	11	11	11	11	11
1/4	72,390	1/4	57,205	1/4	42,494	1/4	27,525	1/4	12,341	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,073	1/2	56,889	1/2	42,192	1/2	27,208	1/2	12,024	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,757	3/4	56,572	3/4	41,890	3/4	26,892	3/4	11,708	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

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



# BARGE "CBC 387"

# 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	178,934	0	171,179	0	163,083	0	154,949	0	146,384	0	131,342	0	116,248	0	101,128		
1/4	1/4	185,284	178,777	1/4	171,013	1/4	162,913	1/4	154,780	1/4	146,070	1/4	131,028	1/4	115,933	1/4	100,813		
1/2	1/2	185,247	178,619	1/2	170,847	1/2	162,744	1/2	154,611	1/2	145,756	1/2	130,713	1/2	115,618	1/2	100,498		
3/4	3/4	185,211	178,461	3/4	170,680	3/4	162,574	3/4	154,441	3/4	145,443	3/4	130,399	3/4	115,303	3/4	100,183		
1	1	185,174	178,303	1	170,514	1	162,405	1	154,272	1	145,129	1	130,085	1	114,988	1	99,868		
1/4	1/4	185,138	178,145	1/4	170,347	1/4	162,236	1/4	154,102	1/4	144,815	1/4	129,770	1/4	114,673	1/4	99,553		
1/2	1/2	185,049	177,987	1/2	170,180	1/2	162,066	1/2	153,933	1/2	144,502	1/2	129,456	1/2	114,358	1/2	99,238		
3/4	3/4	184,961	177,828	3/4	170,013	3/4	161,897	3/4	153,763	3/4	144,188	3/4	129,141	3/4	114,043	3/4	98,923		
2	2	184,872	177,670	2	169,846	2	161,727	2	153,594	2	143,874	2	128,827	2	113,728	2	98,608		
1/4	1/4	184,784	177,511	1/4	169,679	1/4	161,558	1/4	153,425	1/4	143,561	1/4	128,512	1/4	113,413	1/4	98,293		
1/2	1/2	184,661	177,352	1/2	169,511	1/2	161,388	1/2	153,255	1/2	143,247	1/2	128,198	1/2	113,098	1/2	97,978		
3/4	3/4	184,537	177,193	3/4	169,343	3/4	161,219	3/4	153,086	3/4	142,934	3/4	127,884	3/4	112,783	3/4	97,663		
3	3	184,414	177,034	3	169,176	3	161,049	3	152,916	3	142,620	3	127,569	3	112,468	3	97,348		
1/4	1/4	184,291	176,875	1/4	169,008	1/4	160,880	1/4	152,747	1/4	142,306	1/4	127,255	1/4	112,153	1/4	97,033		
1/2	1/2	184,142	176,715	1/2	168,839	1/2	160,711	1/2	152,577	1/2	141,993	1/2	126,940	1/2	111,838	1/2	96,718		
3/4	3/4	183,994	176,555	3/4	168,671	3/4	160,541	3/4	152,408	3/4	141,679	3/4	126,626	3/4	111,523	3/4	96,403		
4	4	183,845	176,395	4	168,503	4	160,372	4	152,238	4	141,365	4	126,311	4	111,209	4	96,088		
1/4	1/4	183,696	176,236	1/4	168,334	1/4	160,202	1/4	152,069	1/4	141,052	1/4	125,997	1/4	110,894	1/4	95,773		
1/2	1/2	183,546	176,075	1/2	168,165	1/2	160,033	1/2	151,900	1/2	140,738	1/2	125,683	1/2	110,579	1/2	95,458		
3/4	3/4	183,395	175,915	3/4	167,996	3/4	159,863	3/4	151,730	3/4	140,424	3/4	125,368	3/4	110,264	3/4	95,143		
5	5	183,245	175,754	5	167,827	5	159,694	5	151,561	5	140,111	5	125,054	5	109,949	5	94,828		
1/4	1/4	183,095	175,594	1/4	167,658	1/4	159,524	1/4	151,391	1/4	139,797	1/4	124,739	1/4	109,634	1/4	94,513		
1/2	1/2	182,943	175,433	1/2	167,488	1/2	159,355	1/2	151,222	1/2	139,484	1/2	124,425	1/2	109,319	1/2	94,198		
3/4	3/4	182,792	175,271	3/4	167,319	3/4	159,186	3/4	151,052	3/4	139,171	3/4	124,110	3/4	109,004	3/4	93,883		
6	6	182,640	175,110	6	167,149	6	159,016	6	150,883	6	138,858	6	123,796	6	108,689	6	93,568		
1/4	1/4	182,489	174,949	1/4	166,980	1/4	158,847	1/4	150,713	1/4	138,545	1/4	123,482	1/4	108,374	1/4	93,253		
1/2	1/2	182,337	174,787	1/2	166,810	1/2	158,677	1/2	150,544	1/2	138,232	1/2	123,167	1/2	108,059	1/2	92,938		
3/4	3/4	182,184	174,625	3/4	166,641	3/4	158,508	3/4	150,375	3/4	137,919	3/4	122,853	3/4	107,744	3/4	92,622		
7	7	182,032	174,464	7	166,472	7	158,338	7	150,205	7	137,606	7	122,538	7	107,429	7	92,307		
1/4	1/4	181,880	174,302	1/4	166,302	1/4	158,169	1/4	150,036	1/4	137,293	1/4	122,224	1/4	107,114	1/4	91,992		
1/2	1/2	181,727	174,139	1/2	166,133	1/2	157,999	1/2	149,866	1/2	136,980	1/2	121,909	1/2	106,798	1/2	91,677		
3/4	3/4	181,574	173,976	3/4	165,963	3/4	157,830	3/4	149,697	3/4	136,667	3/4	121,595	3/4	106,483	3/4	91,362		
8	8	181,421	173,812	8	165,794	8	157,661	8	149,527	8	136,354	8	121,281	8	106,168	8	91,047		
1/4	1/4	181,269	173,649	1/4	165,624	1/4	157,491	1/4	149,358	1/4	136,041	1/4	120,966	1/4	105,853	1/4	90,732		
1/2	1/2	181,115	173,486	1/2	165,455	1/2	157,322	1/2	149,188	1/2	135,728	1/2	120,652	1/2	105,538	1/2	90,417		
3/4	3/4	180,961	173,322	3/4	165,286	3/4	157,152	3/4	149,019	3/4	135,415	3/4	120,337	3/4	105,223	3/4	90,102		
9	9	180,808	173,158	9	165,116	9	156,983	9	148,850	9	135,102	9	120,023	9	104,908	9	89,787		
1/4	1/4	180,654	172,994	1/4	164,947	1/4	156,813	1/4	148,680	1/4	134,789	1/4	119,708	1/4	104,593	1/4	89,472		
1/2	1/2	180,499	172,830	1/2	164,777	1/2	156,644	1/2	148,511	1/2	134,476	1/2	119,394	1/2	104,278	1/2	89,157		
3/4	3/4	180,343	172,665	3/4	164,608	3/4	156,474	3/4	148,341	3/4	134,163	3/4	119,080	3/4	103,963	3/4	88,842		
10	10	180,187	172,501	10	164,438	10	156,305	10	148,172	10	133,850	10	118,765	10	103,648	10	88,527		
1/4	1/4	180,031	172,337	1/4	164,269	1/4	156,136	1/4	148,002	1/4	133,537	1/4	118,451	1/4	103,333	1/4	88,212		
1/2	1/2	179,875	172,171	1/2	164,099	1/2	155,966	1/2	147,833	1/2	133,224	1/2	118,136	1/2	103,018	1/2	87,897		
3/4	3/4	179,718	172,006	3/4	163,930	3/4	155,797	3/4	147,663	3/4	132,911	3/4	117,822	3/4	102,703	3/4	87,582		
11	11	179,562	171,841	11	163,761	11	155,627	11	147,494	11	132,598	11	117,507	11	102,388	11	87,267		
1/4	1/4	179,405	171,676	1/4	163,591	1/4	155,458	1/4	147,325	1/4	132,285	1/4	117,193	1/4	102,073	1/4	86,952		
1/2	1/2	179,248	171,510	1/2	163,422	1/2	155,288	1/2	147,155	1/2	131,971	1/2	116,878	1/2	101,758	1/2	86,637		
3/4	3/4	179,091	171,345	3/4	163,252	3/4	155,119	3/4	146,987	3/4	131,657	3/4	116,563	3/4	101,443	3/4	86,322		

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 387"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	86,007	0	70,883	0	55,758	0	40,646	0	25,525	0	10,401	0		0		0		0	
1/4	85,692	1/4	70,568	1/4	55,443	1/4	40,332	1/4	25,210	1/4	10,086	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,377	1/2	70,252	1/2	55,128	1/2	40,017	1/2	24,895	1/2	9,771	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,062	3/4	69,937	3/4	54,813	3/4	39,702	3/4	24,580	3/4	9,456	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,747	1	69,622	1	54,498	1	39,388	1	24,265	1	9,141	1	1	1	1	1	1	1	1
1/4	84,432	1/4	69,307	1/4	54,183	1/4	39,073	1/4	23,950	1/4	8,826	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,117	1/2	68,992	1/2	53,868	1/2	38,758	1/2	23,635	1/2	8,511	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,801	3/4	68,677	3/4	53,552	3/4	38,443	3/4	23,320	3/4	8,196	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,486	2	68,362	2	53,237	2	38,128	2	23,005	2	7,881	2	2	2	2	2	2	2	2
1/4	83,171	1/4	68,047	1/4	52,922	1/4	37,813	1/4	22,690	1/4	7,566	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,856	1/2	67,732	1/2	52,607	1/2	37,498	1/2	22,374	1/2	7,251	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,541	3/4	67,417	3/4	52,292	3/4	37,183	3/4	22,059	3/4	6,936	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,226	3	67,101	3	51,977	3	36,868	3	21,744	3	6,621	3	3	3	3	3	3	3	3
1/4	81,911	1/4	66,786	1/4	51,662	1/4	36,553	1/4	21,429	1/4	6,306	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,596	1/2	66,471	1/2	51,347	1/2	36,238	1/2	21,114	1/2	5,991	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,281	3/4	66,156	3/4	51,032	3/4	35,923	3/4	20,799	3/4	5,676	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,966	4	65,841	4	50,717	4	35,608	4	20,484	4	5,362	4	4	4	4	4	4	4	4
1/4	80,651	1/4	65,526	1/4	50,402	1/4	35,293	1/4	20,169	1/4	5,047	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,335	1/2	65,211	1/2	50,087	1/2	34,978	1/2	19,854	1/2	4,733	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,020	3/4	64,896	3/4	49,773	3/4	34,663	3/4	19,539	3/4	4,420	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,705	5	64,581	5	49,458	5	34,348	5	19,224	5	4,106	5	5	5	5	5	5	5	5
1/4	79,390	1/4	64,266	1/4	49,143	1/4	34,032	1/4	18,909	1/4	3,793	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,075	1/2	63,951	1/2	48,828	1/2	33,717	1/2	18,594	1/2	3,504	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,760	3/4	63,635	3/4	48,514	3/4	33,402	3/4	18,278	3/4	3,215	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,445	6	63,320	6	48,199	6	33,087	6	17,963	6	2,926	6	6	6	6	6	6	6	6
1/4	78,130	1/4	63,005	1/4	47,884	1/4	32,772	1/4	17,648	1/4	2,638	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,815	1/2	62,690	1/2	47,570	1/2	32,457	1/2	17,333	1/2	2,401	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,500	3/4	62,375	3/4	47,255	3/4	32,142	3/4	17,018	3/4	2,165	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,184	7	62,060	7	46,940	7	31,827	7	16,703	7	1,929	7	7	7	7	7	7	7	7
1/4	76,869	1/4	61,745	1/4	46,626	1/4	31,512	1/4	16,388	1/4	1,693	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,554	1/2	61,430	1/2	46,311	1/2	31,197	1/2	16,073	1/2	1,509	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,239	3/4	61,115	3/4	45,996	3/4	30,882	3/4	15,758	3/4	1,325	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,924	8	60,800	8	45,682	8	30,567	8	15,443	8	1,141	8	8	8	8	8	8	8	8
1/4	75,609	1/4	60,485	1/4	45,367	1/4	30,252	1/4	15,128	1/4	958	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,294	1/2	60,169	1/2	45,052	1/2	29,936	1/2	14,813	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,979	3/4	59,854	3/4	44,737	3/4	29,621	3/4	14,497	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,664	9	59,539	9	44,423	9	29,306	9	14,182	9		9	9	9	9	9	9	9	9
1/4	74,349	1/4	59,224	1/4	44,108	1/4	28,991	1/4	13,867	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,034	1/2	58,909	1/2	43,793	1/2	28,676	1/2	13,552	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,718	3/4	58,594	3/4	43,479	3/4	28,361	3/4	13,237	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,403	10	58,279	10	43,164	10	28,046	10	12,922	10		10	10	10	10	10	10	10	10
1/4	73,088	1/4	57,964	1/4	42,849	1/4	27,731	1/4	12,607	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,773	1/2	57,649	1/2	42,535	1/2	27,416	1/2	12,292	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,458	3/4	57,334	3/4	42,220	3/4	27,101	3/4	11,977	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,143	11	57,018	11	41,905	11	26,786	11	11,662	11		11	11	11	11	11	11	11	11
1/4	71,828	1/4	56,703	1/4	41,590	1/4	26,471	1/4	11,347	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,513	1/2	56,388	1/2	41,276	1/2	26,155	1/2	11,032	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,198	3/4	56,073	3/4	40,961	3/4	25,840	3/4	10,716	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 387"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	184,087	0	177,610	0	169,878	0	161,809	0	153,707	0	145,028	0	130,020	0	114,966	0	99,880
1/4	1/4	184,051	1/4	177,453	1/4	169,712	1/4	161,640	1/4	153,538	1/4	144,716	1/4	129,706	1/4	114,652	1/4	99,566	
1/2	1/2	184,015	1/2	177,296	1/2	169,546	1/2	161,472	1/2	153,370	1/2	144,403	1/2	129,392	1/2	114,338	1/2	99,252	
3/4	3/4	183,979	3/4	177,139	3/4	169,380	3/4	161,303	3/4	153,201	3/4	144,090	3/4	129,079	3/4	114,024	3/4	98,937	
1		1	183,943	1	176,982	1	169,215	1	161,134	1	153,032	1	143,777	1	128,765	1	113,709	1	98,623
1/4	1/4	183,855	1/4	176,824	1/4	169,048	1/4	160,965	1/4	152,863	1/4	143,464	1/4	128,452	1/4	113,395	1/4	98,309	
1/2	1/2	183,768	1/2	176,666	1/2	168,882	1/2	160,796	1/2	152,694	1/2	143,151	1/2	128,138	1/2	113,081	1/2	97,995	
3/4	3/4	183,680	3/4	176,508	3/4	168,715	3/4	160,628	3/4	152,526	3/4	142,838	3/4	127,825	3/4	112,767	3/4	97,680	
2		2	183,592	2	176,350	2	168,549	2	160,459	2	152,357	2	142,525	2	127,511	2	112,452	2	97,366
1/4	1/4	183,469	1/4	176,192	1/4	168,382	1/4	160,290	1/4	152,188	1/4	142,212	1/4	127,198	1/4	112,138	1/4	97,052	
1/2	1/2	183,347	1/2	176,033	1/2	168,215	1/2	160,121	1/2	152,019	1/2	141,899	1/2	126,885	1/2	111,824	1/2	96,737	
3/4	3/4	183,224	3/4	175,875	3/4	168,047	3/4	159,952	3/4	151,850	3/4	141,586	3/4	126,571	3/4	111,510	3/4	96,423	
3		3	183,101	3	175,716	3	167,880	3	159,784	3	151,682	3	141,273	3	126,258	3	111,195	3	96,109
1/4	1/4	182,953	1/4	175,557	1/4	167,713	1/4	159,615	1/4	151,513	1/4	140,960	1/4	125,944	1/4	110,881	1/4	95,794	
1/2	1/2	182,805	1/2	175,398	1/2	167,545	1/2	159,446	1/2	151,344	1/2	140,647	1/2	125,631	1/2	110,567	1/2	95,480	
3/4	3/4	182,657	3/4	175,239	3/4	167,377	3/4	159,277	3/4	151,175	3/4	140,334	3/4	125,318	3/4	110,253	3/4	95,166	
4		4	182,509	4	175,080	4	167,209	4	159,108	4	151,006	4	140,021	4	125,004	4	109,938	4	94,851
1/4	1/4	182,359	1/4	174,920	1/4	167,041	1/4	158,940	1/4	150,838	1/4	139,709	1/4	124,691	1/4	109,624	1/4	94,537	
1/2	1/2	182,210	1/2	174,760	1/2	166,872	1/2	158,771	1/2	150,669	1/2	139,396	1/2	124,377	1/2	109,310	1/2	94,223	
3/4	3/4	182,060	3/4	174,600	3/4	166,704	3/4	158,602	3/4	150,500	3/4	139,083	3/4	124,064	3/4	108,996	3/4	93,908	
5		5	181,910	5	174,440	5	166,535	5	158,433	5	150,331	5	138,770	5	123,751	5	108,681	5	93,594
1/4	1/4	181,759	1/4	174,280	1/4	166,367	1/4	158,265	1/4	150,162	1/4	138,457	1/4	123,437	1/4	108,367	1/4	93,280	
1/2	1/2	181,608	1/2	174,119	1/2	166,198	1/2	158,096	1/2	149,994	1/2	138,145	1/2	123,124	1/2	108,053	1/2	92,965	
3/4	3/4	181,458	3/4	173,959	3/4	166,029	3/4	157,927	3/4	149,825	3/4	137,833	3/4	122,810	3/4	107,738	3/4	92,651	
6		6	181,307	6	173,798	6	165,860	6	157,758	6	149,656	6	137,521	6	122,497	6	107,424	6	92,337
1/4	1/4	181,155	1/4	173,637	1/4	165,691	1/4	157,589	1/4	149,487	1/4	137,208	1/4	122,184	1/4	107,110	1/4	92,022	
1/2	1/2	181,004	1/2	173,476	1/2	165,523	1/2	157,421	1/2	149,318	1/2	136,896	1/2	121,870	1/2	106,795	1/2	91,708	
3/4	3/4	180,852	3/4	173,315	3/4	165,354	3/4	157,252	3/4	149,150	3/4	136,584	3/4	121,557	3/4	106,481	3/4	91,394	
7		7	180,701	7	173,154	7	165,185	7	157,083	7	148,981	7	136,271	7	121,243	7	106,167	7	91,079
1/4	1/4	180,548	1/4	172,991	1/4	165,016	1/4	156,914	1/4	148,812	1/4	135,959	1/4	120,930	1/4	105,853	1/4	90,765	
1/2	1/2	180,396	1/2	172,829	1/2	164,847	1/2	156,745	1/2	148,643	1/2	135,647	1/2	120,616	1/2	105,538	1/2	90,451	
3/4	3/4	180,244	3/4	172,666	3/4	164,679	3/4	156,577	3/4	148,475	3/4	135,335	3/4	120,302	3/4	105,224	3/4	90,137	
8		8	180,092	8	172,504	8	164,510	8	156,408	8	148,306	8	135,022	8	119,988	8	104,910	8	89,822
1/4	1/4	179,939	1/4	172,341	1/4	164,341	1/4	156,239	1/4	148,137	1/4	134,710	1/4	119,675	1/4	104,595	1/4	89,508	
1/2	1/2	179,786	1/2	172,177	1/2	164,172	1/2	156,070	1/2	147,968	1/2	134,398	1/2	119,361	1/2	104,281	1/2	89,194	
3/4	3/4	179,633	3/4	172,014	3/4	164,003	3/4	155,901	3/4	147,799	3/4	134,085	3/4	119,047	3/4	103,967	3/4	88,879	
9		9	179,480	9	171,851	9	163,835	9	155,733	9	147,631	9	133,773	9	118,734	9	103,652	9	88,565
1/4	1/4	179,325	1/4	171,687	1/4	163,666	1/4	155,564	1/4	147,462	1/4	133,461	1/4	118,420	1/4	103,338	1/4	88,251	
1/2	1/2	179,170	1/2	171,524	1/2	163,497	1/2	155,395	1/2	147,293	1/2	133,149	1/2	118,106	1/2	103,024	1/2	87,936	
3/4	3/4	179,015	3/4	171,360	3/4	163,328	3/4	155,226	3/4	147,124	3/4	132,836	3/4	117,792	3/4	102,709	3/4	87,622	
10		10	178,860	10	171,196	10	163,160	10	155,057	10	146,955	10	132,524	10	117,479	10	102,395	10	87,308
1/4	1/4	178,704	1/4	171,032	1/4	162,991	1/4	154,889	1/4	146,787	1/4	132,212	1/4	117,165	1/4	102,081	1/4	86,993	
1/2	1/2	178,548	1/2	170,867	1/2	162,822	1/2	154,720	1/2	146,618	1/2	131,899	1/2	116,851	1/2	101,766	1/2	86,679	
3/4	3/4	178,392	3/4	170,703	3/4	162,653	3/4	154,551	3/4	146,449	3/4	131,587	3/4	116,537	3/4	101,452	3/4	86,365	
11		11	178,236	11	170,538	11	162,484	11	154,382	11	146,280	11	131,275	11	116,224	11	101,138	11	86,050
1/4	1/4	178,080	1/4	170,373	1/4	162,316	1/4	154,213	1/4	146,111	1/4	130,961	1/4	115,909	1/4	100,823	1/4	85,736	
1/2	1/2	177,923	1/2	170,208	1/2	162,147	1/2	154,045	1/2	145,942	1/2	130,647	1/2	115,595	1/2	100,509	1/2	85,422	
3/4	3/4	177,767	3/4	170,043	3/4	161,978	3/4	153,876	3/4	145,773	3/4	130,334	3/4	115,281	3/4	100,195	3/4	85,107	

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 387"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	84,793	0	69,702	0	54,674	0	40,034	0	25,204	0	10,109	0		0		0		0	
1/4	84,479	1/4	69,388	1/4	54,362	1/4	39,733	1/4	24,890	1/4	9,795	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,164	1/2	69,074	1/2	54,050	1/2	39,433	1/2	24,575	1/2	9,480	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,850	3/4	68,759	3/4	53,738	3/4	39,133	3/4	24,261	3/4	9,166	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	83,536	1	68,445	1	53,427	1	38,833	1	23,946	1	8,851	1	1	1	1	1	1	1	1
1/4	83,221	1/4	68,130	1/4	53,115	1/4	38,532	1/4	23,632	1/4	8,537	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,907	1/2	67,816	1/2	52,803	1/2	38,232	1/2	23,317	1/2	8,222	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,592	3/4	67,502	3/4	52,491	3/4	37,931	3/4	23,003	3/4	7,908	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	82,278	2	67,187	2	52,179	2	37,631	2	22,688	2	7,593	2	2	2	2	2	2	2	2
1/4	81,964	1/4	66,873	1/4	51,868	1/4	37,330	1/4	22,374	1/4	7,279	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,649	1/2	66,558	1/2	51,557	1/2	37,028	1/2	22,060	1/2	6,965	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,335	3/4	66,244	3/4	51,246	3/4	36,727	3/4	21,745	3/4	6,650	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,020	3	65,930	3	50,935	3	36,425	3	21,431	3	6,336	3	3	3	3	3	3	3	3
1/4	80,706	1/4	65,615	1/4	50,624	1/4	36,124	1/4	21,116	1/4	6,021	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,392	1/2	65,301	1/2	50,313	1/2	35,823	1/2	20,802	1/2	5,707	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,077	3/4	64,986	3/4	50,002	3/4	35,521	3/4	20,487	3/4	5,393	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	79,763	4	64,672	4	49,691	4	35,220	4	20,173	4	5,079	4	4	4	4	4	4	4	4
1/4	79,448	1/4	64,358	1/4	49,379	1/4	34,917	1/4	19,858	1/4	4,766	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,134	1/2	64,043	1/2	49,067	1/2	34,615	1/2	19,544	1/2	4,453	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,820	3/4	63,729	3/4	48,754	3/4	34,312	3/4	19,229	3/4	4,140	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	78,505	5	63,414	5	48,442	5	34,010	5	18,915	5	3,827	5	5	5	5	5	5	5	5
1/4	78,191	1/4	63,100	1/4	48,142	1/4	33,695	1/4	18,600	1/4	3,539	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,876	1/2	62,786	1/2	47,841	1/2	33,381	1/2	18,286	1/2	3,251	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,562	3/4	62,471	3/4	47,541	3/4	33,066	3/4	17,971	3/4	2,963	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	77,248	6	62,157	6	47,241	6	32,752	6	17,657	6	2,676	6	6	6	6	6	6	6	6
1/4	76,933	1/4	61,845	1/4	46,941	1/4	32,437	1/4	17,342	1/4	2,440	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,619	1/2	61,533	1/2	46,640	1/2	32,123	1/2	17,028	1/2	2,204	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,305	3/4	61,222	3/4	46,340	3/4	31,808	3/4	16,713	3/4	1,968	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	75,990	7	60,910	7	46,040	7	31,494	7	16,399	7	1,733	7	7	7	7	7	7	7	7
1/4	75,676	1/4	60,598	1/4	45,739	1/4	31,179	1/4	16,084	1/4	1,549	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,361	1/2	60,286	1/2	45,439	1/2	30,865	1/2	15,770	1/2	1,365	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,047	3/4	59,974	3/4	45,139	3/4	30,550	3/4	15,455	3/4	1,182	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	74,733	8	59,663	8	44,839	8	30,236	8	15,141	8	958	8	8	8	8	8	8	8	8
1/4	74,418	1/4	59,351	1/4	44,538	1/4	29,921	1/4	14,826	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,104	1/2	59,039	1/2	44,238	1/2	29,607	1/2	14,512	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,789	3/4	58,727	3/4	43,938	3/4	29,293	3/4	14,198	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	73,475	9	58,415	9	43,637	9	28,978	9	13,883	9		9	9	9	9	9	9	9	9
1/4	73,161	1/4	58,104	1/4	43,337	1/4	28,664	1/4	13,569	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,846	1/2	57,792	1/2	43,037	1/2	28,349	1/2	13,254	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,532	3/4	57,480	3/4	42,736	3/4	28,035	3/4	12,940	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	72,217	10	57,168	10	42,436	10	27,720	10	12,625	10		10	10	10	10	10	10	10	10
1/4	71,903	1/4	56,856	1/4	42,136	1/4	27,406	1/4	12,311	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,589	1/2	56,545	1/2	41,836	1/2	27,091	1/2	11,996	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,274	3/4	56,233	3/4	41,535	3/4	26,777	3/4	11,682	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	70,960	11	55,921	11	41,235	11	26,462	11	11,367	11		11	11	11	11	11	11	11	11
1/4	70,645	1/4	55,609	1/4	40,935	1/4	26,148	1/4	11,053	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,331	1/2	55,297	1/2	40,634	1/2	25,833	1/2	10,738	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,017	3/4	54,986	3/4	40,334	3/4	25,519	3/4	10,424	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2013 CL - SW  
CALCULATED: 07/04/2013 CL  
PRINTED: 07/08/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

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