



# BARGE "CBC 384"

## 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"

April 23, 2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 384"

# 1 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	965	0	15,239	0	30,474	0	45,699	0	60,924	0	76,160	0	91,395	0	106,631	0	121,862	0	137,092
1/4	1,150	1/4	15,556	1/4	30,791	1/4	46,016	1/4	61,241	1/4	76,477	1/4	91,713	1/4	106,948	1/4	122,179	1/4	137,409
1/2	1,335	1/2	15,874	1/2	31,109	1/2	46,333	1/2	61,559	1/2	76,794	1/2	92,030	1/2	107,266	1/2	122,497	1/2	137,727
3/4	1,520	3/4	16,191	3/4	31,426	3/4	46,649	3/4	61,876	3/4	77,112	3/4	92,347	3/4	107,583	3/4	122,814	3/4	138,044
1	1,705	1	16,508	1	31,743	1	46,966	1	62,194	1	77,429	1	92,665	1	107,900	1	123,131	1	138,361
1/4	1,943	1/4	16,826	1/4	32,061	1/4	47,283	1/4	62,511	1/4	77,747	1/4	92,982	1/4	108,218	1/4	123,449	1/4	138,678
1/2	2,181	1/2	17,143	1/2	32,378	1/2	47,600	1/2	62,828	1/2	78,064	1/2	93,300	1/2	108,535	1/2	123,766	1/2	138,996
3/4	2,419	3/4	17,461	3/4	32,696	3/4	47,917	3/4	63,146	3/4	78,381	3/4	93,617	3/4	108,853	3/4	124,083	3/4	139,313
2	2,657	2	17,778	2	33,013	2	48,234	2	63,463	2	78,699	2	93,934	2	109,170	2	124,400	2	139,630
1/4	2,948	1/4	18,095	1/4	33,330	1/4	48,551	1/4	63,781	1/4	79,016	1/4	94,252	1/4	109,487	1/4	124,718	1/4	139,948
1/2	3,239	1/2	18,413	1/2	33,648	1/2	48,868	1/2	64,098	1/2	79,334	1/2	94,569	1/2	109,805	1/2	125,035	1/2	140,265
3/4	3,530	3/4	18,730	3/4	33,965	3/4	49,185	3/4	64,415	3/4	79,651	3/4	94,887	3/4	110,122	3/4	125,352	3/4	140,582
3	3,821	3	19,048	3	34,283	3	49,501	3	64,733	3	79,968	3	95,204	3	110,440	3	125,670	3	140,900
1/4	4,137	1/4	19,365	1/4	34,600	1/4	49,818	1/4	65,050	1/4	80,286	1/4	95,521	1/4	110,757	1/4	125,987	1/4	141,217
1/2	4,452	1/2	19,682	1/2	34,917	1/2	50,135	1/2	65,368	1/2	80,603	1/2	95,839	1/2	111,074	1/2	126,304	1/2	141,534
3/4	4,768	3/4	20,000	3/4	35,235	3/4	50,452	3/4	65,685	3/4	80,921	3/4	96,156	3/4	111,391	3/4	126,621	3/4	141,851
4	5,084	4	20,317	4	35,552	4	50,769	4	66,003	4	81,238	4	96,474	4	111,709	4	126,939	4	142,169
1/4	5,401	1/4	20,635	1/4	35,870	1/4	51,086	1/4	66,320	1/4	81,555	1/4	96,791	1/4	112,026	1/4	127,256	1/4	142,486
1/2	5,718	1/2	20,952	1/2	36,187	1/2	51,403	1/2	66,637	1/2	81,873	1/2	97,108	1/2	112,343	1/2	127,573	1/2	142,803
3/4	6,035	3/4	21,269	3/4	36,504	3/4	51,720	3/4	66,955	3/4	82,190	3/4	97,426	3/4	112,661	3/4	127,891	3/4	143,121
5	6,352	5	21,587	5	36,822	5	52,037	5	67,272	5	82,508	5	97,743	5	112,978	5	128,208	5	143,438
1/4	6,669	1/4	21,904	1/4	37,139	1/4	52,354	1/4	67,590	1/4	82,825	1/4	98,061	1/4	113,295	1/4	128,525	1/4	143,755
1/2	6,987	1/2	22,222	1/2	37,457	1/2	52,671	1/2	67,907	1/2	83,143	1/2	98,378	1/2	113,612	1/2	128,842	1/2	144,072
3/4	7,304	3/4	22,539	3/4	37,774	3/4	52,989	3/4	68,224	3/4	83,460	3/4	98,696	3/4	113,930	3/4	129,160	3/4	144,390
6	7,621	6	22,856	6	38,091	6	53,306	6	68,542	6	83,777	6	99,013	6	114,247	6	129,477	6	144,707
1/4	7,939	1/4	23,174	1/4	38,409	1/4	53,624	1/4	68,859	1/4	84,095	1/4	99,330	1/4	114,564	1/4	129,794	1/4	145,024
1/2	8,256	1/2	23,491	1/2	38,726	1/2	53,941	1/2	69,177	1/2	84,412	1/2	99,648	1/2	114,882	1/2	130,112	1/2	145,342
3/4	8,574	3/4	23,809	3/4	39,044	3/4	54,258	3/4	69,494	3/4	84,730	3/4	99,965	3/4	115,199	3/4	130,429	3/4	145,659
7	8,891	7	24,126	7	39,361	7	54,576	7	69,811	7	85,047	7	100,283	7	115,516	7	130,746	7	145,976
1/4	9,208	1/4	24,443	1/4	39,678	1/4	54,893	1/4	70,129	1/4	85,364	1/4	100,600	1/4	115,834	1/4	131,064	1/4	146,293
1/2	9,526	1/2	24,761	1/2	39,995	1/2	55,211	1/2	70,446	1/2	85,682	1/2	100,917	1/2	116,151	1/2	131,381	1/2	146,611
3/4	9,843	3/4	25,078	3/4	40,312	3/4	55,528	3/4	70,764	3/4	85,999	3/4	101,235	3/4	116,468	3/4	131,698	3/4	146,928
8	10,161	8	25,396	8	40,628	8	55,845	8	71,081	8	86,317	8	101,552	8	116,785	8	132,015	8	147,245
1/4	10,478	1/4	25,713	1/4	40,945	1/4	56,163	1/4	71,398	1/4	86,634	1/4	101,870	1/4	117,103	1/4	132,333	1/4	147,563
1/2	10,795	1/2	26,030	1/2	41,262	1/2	56,480	1/2	71,716	1/2	86,951	1/2	102,187	1/2	117,420	1/2	132,650	1/2	147,880
3/4	11,113	3/4	26,348	3/4	41,579	3/4	56,798	3/4	72,033	3/4	87,269	3/4	102,504	3/4	117,737	3/4	132,967	3/4	148,197
9	11,430	9	26,665	9	41,896	9	57,115	9	72,351	9	87,586	9	102,822	9	118,055	9	133,285	9	148,515
1/4	11,748	1/4	26,983	1/4	42,213	1/4	57,433	1/4	72,668	1/4	87,904	1/4	103,139	1/4	118,372	1/4	133,602	1/4	148,832
1/2	12,065	1/2	27,300	1/2	42,530	1/2	57,750	1/2	72,985	1/2	88,221	1/2	103,457	1/2	118,689	1/2	133,919	1/2	149,149
3/4	12,382	3/4	27,617	3/4	42,847	3/4	58,067	3/4	73,303	3/4	88,538	3/4	103,774	3/4	119,006	3/4	134,236	3/4	149,466
10	12,700	10	27,935	10	43,164	10	58,385	10	73,620	10	88,856	10	104,091	10	119,324	10	134,554	10	149,784
1/4	13,017	1/4	28,252	1/4	43,481	1/4	58,702	1/4	73,938	1/4	89,173	1/4	104,409	1/4	119,641	1/4	134,871	1/4	150,101
1/2	13,335	1/2	28,569	1/2	43,797	1/2	59,020	1/2	74,255	1/2	89,491	1/2	104,726	1/2	119,958	1/2	135,188	1/2	150,418
3/4	13,652	3/4	28,887	3/4	44,114	3/4	59,337	3/4	74,573	3/4	89,808	3/4	105,044	3/4	120,276	3/4	135,506	3/4	150,736
11	13,969	11	29,204	11	44,431	11	59,654	11	74,890	11	90,126	11	105,361	11	120,593	11	135,823	11	151,053
1/4	14,287	1/4	29,522	1/4	44,748	1/4	59,972	1/4	75,207	1/4	90,443	1/4	105,678	1/4	120,910	1/4	136,140	1/4	151,370
1/2	14,604	1/2	29,839	1/2	45,065	1/2	60,289	1/2	75,525	1/2	90,760	1/2	105,996	1/2	121,227	1/2	136,457	1/2	151,687
3/4	14,922	3/4	30,156	3/4	45,382	3/4	60,607	3/4	75,842	3/4	91,078	3/4	106,313	3/4	121,545	3/4	136,775	3/4	152,005

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 384"

# 1 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	152,322	0	167,552	0	182,782	0	198,012	0	213,177	0		0		0		0		0	
1/4	152,639	1/4	167,869	1/4	183,099	1/4	198,329	1/4	213,490	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,957	1/2	168,187	1/2	183,417	1/2	198,646	1/2	213,804	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,274	3/4	168,504	3/4	183,734	3/4	198,964	3/4	214,117	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,591	1	168,821	1	184,051	1	199,281	1	214,430	1	1	1	1	1	1	1	1	1	1
1/4	153,908	1/4	169,138	1/4	184,368	1/4	199,597	1/4	214,743	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,226	1/2	169,456	1/2	184,686	1/2	199,913	1/2	215,056	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,543	3/4	169,773	3/4	185,003	3/4	200,229	3/4	215,369	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,860	2	170,090	2	185,320	2	200,545	2	215,682	2	2	2	2	2	2	2	2	2	2
1/4	155,178	1/4	170,408	1/4	185,638	1/4	200,861	1/4	215,996	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,495	1/2	170,725	1/2	185,955	1/2	201,177	1/2	216,309	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,812	3/4	171,042	3/4	186,272	3/4	201,494	3/4	216,622	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	156,129	3	171,359	3	186,589	3	201,810	3	216,935	3	3	3	3	3	3	3	3	3	3
1/4	156,447	1/4	171,677	1/4	186,907	1/4	202,126	1/4	217,248	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,764	1/2	171,994	1/2	187,224	1/2	202,442	1/2	217,560	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,081	3/4	172,311	3/4	187,541	3/4	202,758	3/4	217,873	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,399	4	172,629	4	187,859	4	203,074	4	218,186	4	4	4	4	4	4	4	4	4	4
1/4	157,716	1/4	172,946	1/4	188,176	1/4	203,390	1/4	218,497	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,033	1/2	173,263	1/2	188,493	1/2	203,706	1/2	218,809	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,351	3/4	173,580	3/4	188,810	3/4	204,022	3/4	219,121	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,668	5	173,898	5	189,128	5	204,338	5	219,432	5	5	5	5	5	5	5	5	5	5
1/4	158,985	1/4	174,215	1/4	189,445	1/4	204,654	1/4	219,719	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,302	1/2	174,532	1/2	189,762	1/2	204,970	1/2	220,006	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,620	3/4	174,850	3/4	190,080	3/4	205,286	3/4	220,292	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,937	6	175,167	6	190,397	6	205,602	6	220,579	6	6	6	6	6	6	6	6	6	6
1/4	160,254	1/4	175,484	1/4	190,714	1/4	205,919	1/4	220,813	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,572	1/2	175,802	1/2	191,032	1/2	206,235	1/2	221,046	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,889	3/4	176,119	3/4	191,349	3/4	206,551	3/4	221,280	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,206	7	176,436	7	191,666	7	206,867	7	221,514	7	7	7	7	7	7	7	7	7	7
1/4	161,523	1/4	176,753	1/4	191,983	1/4	207,183	1/4	221,696	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,841	1/2	177,071	1/2	192,301	1/2	207,499	1/2	221,878	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,158	3/4	177,388	3/4	192,618	3/4	207,815	3/4	222,060	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,475	8	177,705	8	192,935	8	208,131	8	222,242	8	8	8	8	8	8	8	8	8	8
1/4	162,793	1/4	178,023	1/4	193,253	1/4	208,447	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,110	1/2	178,340	1/2	193,570	1/2	208,763	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,427	3/4	178,657	3/4	193,887	3/4	209,079	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,744	9	178,974	9	194,204	9	209,395	9		9	9	9	9	9	9	9	9	9	9
1/4	164,062	1/4	179,292	1/4	194,522	1/4	209,711	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,379	1/2	179,609	1/2	194,839	1/2	210,028	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,696	3/4	179,926	3/4	195,156	3/4	210,344	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	165,014	10	180,244	10	195,474	10	210,660	10		10	10	10	10	10	10	10	10	10	10
1/4	165,331	1/4	180,561	1/4	195,791	1/4	210,976	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,648	1/2	180,878	1/2	196,108	1/2	211,292	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,966	3/4	181,195	3/4	196,425	3/4	211,608	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,283	11	181,513	11	196,743	11	211,925	11		11	11	11	11	11	11	11	11	11	11
1/4	166,600	1/4	181,830	1/4	197,060	1/4	212,238	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,917	1/2	182,147	1/2	197,377	1/2	212,551	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,235	3/4	182,465	3/4	197,695	3/4	212,864	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: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013

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



# BARGE "CBC 384"

# 1 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	965	0	15,239	0	30,474	0	45,659	0	60,844	0	76,080	0	91,315	0	106,551	0	121,782	0	137,012
1/4	1,150	1/4	15,556	1/4	30,791	1/4	45,974	1/4	61,162	1/4	76,397	1/4	91,633	1/4	106,868	1/4	122,100	1/4	137,330
1/2	1,335	1/2	15,874	1/2	31,109	1/2	46,289	1/2	61,479	1/2	76,715	1/2	91,950	1/2	107,186	1/2	122,417	1/2	137,647
3/4	1,520	3/4	16,191	3/4	31,426	3/4	46,605	3/4	61,796	3/4	77,032	3/4	92,268	3/4	107,503	3/4	122,734	3/4	137,964
1	1,705	1	16,508	1	31,743	1	46,920	1	62,114	1	77,349	1	92,585	1	107,821	1	123,051	1	138,281
1/4	1,943	1/4	16,826	1/4	32,061	1/4	47,235	1/4	62,431	1/4	77,667	1/4	92,902	1/4	108,138	1/4	123,369	1/4	138,599
1/2	2,181	1/2	17,143	1/2	32,378	1/2	47,550	1/2	62,749	1/2	77,984	1/2	93,220	1/2	108,455	1/2	123,686	1/2	138,916
3/4	2,419	3/4	17,461	3/4	32,696	3/4	47,865	3/4	63,066	3/4	78,302	3/4	93,537	3/4	108,773	3/4	124,003	3/4	139,233
2	2,657	2	17,778	2	33,013	2	48,181	2	63,384	2	78,619	2	93,855	2	109,090	2	124,321	2	139,551
1/4	2,948	1/4	18,095	1/4	33,330	1/4	48,496	1/4	63,701	1/4	78,936	1/4	94,172	1/4	109,408	1/4	124,638	1/4	139,868
1/2	3,239	1/2	18,413	1/2	33,648	1/2	48,811	1/2	64,018	1/2	79,254	1/2	94,489	1/2	109,725	1/2	124,955	1/2	140,185
3/4	3,530	3/4	18,730	3/4	33,965	3/4	49,126	3/4	64,336	3/4	79,571	3/4	94,807	3/4	110,042	3/4	125,273	3/4	140,502
3	3,821	3	19,048	3	34,283	3	49,442	3	64,653	3	79,889	3	95,124	3	110,360	3	125,590	3	140,820
1/4	4,137	1/4	19,365	1/4	34,600	1/4	49,757	1/4	64,971	1/4	80,206	1/4	95,442	1/4	110,677	1/4	125,907	1/4	141,137
1/2	4,452	1/2	19,682	1/2	34,917	1/2	50,072	1/2	65,288	1/2	80,524	1/2	95,759	1/2	110,994	1/2	126,224	1/2	141,454
3/4	4,768	3/4	20,000	3/4	35,235	3/4	50,387	3/4	65,605	3/4	80,841	3/4	96,077	3/4	111,312	3/4	126,542	3/4	141,772
4	5,084	4	20,317	4	35,552	4	50,703	4	65,923	4	81,158	4	96,394	4	111,629	4	126,859	4	142,089
1/4	5,401	1/4	20,635	1/4	35,870	1/4	51,018	1/4	66,240	1/4	81,476	1/4	96,711	1/4	111,946	1/4	127,176	1/4	142,406
1/2	5,718	1/2	20,952	1/2	36,187	1/2	51,333	1/2	66,558	1/2	81,793	1/2	97,029	1/2	112,264	1/2	127,494	1/2	142,724
3/4	6,035	3/4	21,269	3/4	36,504	3/4	51,648	3/4	66,875	3/4	82,111	3/4	97,346	3/4	112,581	3/4	127,811	3/4	143,041
5	6,352	5	21,587	5	36,822	5	51,963	5	67,192	5	82,428	5	97,664	5	112,898	5	128,128	5	143,358
1/4	6,669	1/4	21,904	1/4	37,139	1/4	52,279	1/4	67,510	1/4	82,745	1/4	97,981	1/4	113,215	1/4	128,445	1/4	143,675
1/2	6,987	1/2	22,222	1/2	37,457	1/2	52,595	1/2	67,827	1/2	83,063	1/2	98,298	1/2	113,533	1/2	128,763	1/2	143,993
3/4	7,304	3/4	22,539	3/4	37,774	3/4	52,911	3/4	68,145	3/4	83,380	3/4	98,616	3/4	113,850	3/4	129,080	3/4	144,310
6	7,621	6	22,856	6	38,091	6	53,226	6	68,462	6	83,698	6	98,933	6	114,167	6	129,397	6	144,627
1/4	7,939	1/4	23,174	1/4	38,407	1/4	53,544	1/4	68,779	1/4	84,015	1/4	99,251	1/4	114,485	1/4	129,715	1/4	144,945
1/2	8,256	1/2	23,491	1/2	38,723	1/2	53,861	1/2	69,097	1/2	84,332	1/2	99,568	1/2	114,802	1/2	130,032	1/2	145,262
3/4	8,574	3/4	23,809	3/4	39,039	3/4	54,179	3/4	69,414	3/4	84,650	3/4	99,885	3/4	115,119	3/4	130,349	3/4	145,579
7	8,891	7	24,126	7	39,354	7	54,496	7	69,732	7	84,967	7	100,203	7	115,436	7	130,666	7	145,896
1/4	9,208	1/4	24,443	1/4	39,670	1/4	54,814	1/4	70,049	1/4	85,285	1/4	100,520	1/4	115,754	1/4	130,984	1/4	146,214
1/2	9,526	1/2	24,761	1/2	39,985	1/2	55,131	1/2	70,366	1/2	85,602	1/2	100,838	1/2	116,071	1/2	131,301	1/2	146,531
3/4	9,843	3/4	25,078	3/4	40,300	3/4	55,448	3/4	70,684	3/4	85,919	3/4	101,155	3/4	116,388	3/4	131,618	3/4	146,848
8	10,161	8	25,396	8	40,615	8	55,766	8	71,001	8	86,237	8	101,472	8	116,706	8	131,936	8	147,166
1/4	10,478	1/4	25,713	1/4	40,930	1/4	56,083	1/4	71,319	1/4	86,554	1/4	101,790	1/4	117,023	1/4	132,253	1/4	147,483
1/2	10,795	1/2	26,030	1/2	41,246	1/2	56,401	1/2	71,636	1/2	86,872	1/2	102,107	1/2	117,340	1/2	132,570	1/2	147,800
3/4	11,113	3/4	26,348	3/4	41,561	3/4	56,718	3/4	71,954	3/4	87,189	3/4	102,425	3/4	117,658	3/4	132,887	3/4	148,117
9	11,430	9	26,665	9	41,876	9	57,035	9	72,271	9	87,506	9	102,742	9	117,975	9	133,205	9	148,435
1/4	11,748	1/4	26,983	1/4	42,191	1/4	57,353	1/4	72,588	1/4	87,824	1/4	103,059	1/4	118,292	1/4	133,522	1/4	148,752
1/2	12,065	1/2	27,300	1/2	42,507	1/2	57,670	1/2	72,906	1/2	88,141	1/2	103,377	1/2	118,609	1/2	133,839	1/2	149,069
3/4	12,382	3/4	27,617	3/4	42,822	3/4	57,988	3/4	73,223	3/4	88,459	3/4	103,694	3/4	118,927	3/4	134,157	3/4	149,387
10	12,700	10	27,935	10	43,137	10	58,305	10	73,541	10	88,776	10	104,012	10	119,244	10	134,474	10	149,704
1/4	13,017	1/4	28,252	1/4	43,452	1/4	58,622	1/4	73,858	1/4	89,094	1/4	104,329	1/4	119,561	1/4	134,791	1/4	150,021
1/2	13,335	1/2	28,569	1/2	43,768	1/2	58,940	1/2	74,175	1/2	89,411	1/2	104,647	1/2	119,879	1/2	135,109	1/2	150,338
3/4	13,652	3/4	28,887	3/4	44,083	3/4	59,257	3/4	74,493	3/4	89,728	3/4	104,964	3/4	120,196	3/4	135,426	3/4	150,656
11	13,969	11	29,204	11	44,398	11	59,575	11	74,810	11	90,046	11	105,281	11	120,513	11	135,743	11	150,973
1/4	14,287	1/4	29,522	1/4	44,713	1/4	59,892	1/4	75,128	1/4	90,363	1/4	105,599	1/4	120,830	1/4	136,060	1/4	151,290
1/2	14,604	1/2	29,839	1/2	45,028	1/2	60,209	1/2	75,445	1/2	90,681	1/2	105,916	1/2	121,148	1/2	136,378	1/2	151,608
3/4	14,922	3/4	30,156	3/4	45,344	3/4	60,527	3/4	75,762	3/4	90,998	3/4	106,234	3/4	121,465	3/4	136,695	3/4	151,925

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 384"

## 1 STBD INNAGE 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	152,242	0	167,472	0	182,702	0	197,932	0	213,097	0		0		0		0		0	
1/4	152,560	1/4	167,789	1/4	183,019	1/4	198,249	1/4	213,411	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,877	1/2	168,107	1/2	183,337	1/2	198,567	1/2	213,724	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,194	3/4	168,424	3/4	183,654	3/4	198,884	3/4	214,037	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,511	1	168,741	1	183,971	1	199,201	1	214,350	1	1	1	1	1	1	1	1	1	1
1/4	153,829	1/4	169,059	1/4	184,289	1/4	199,517	1/4	214,663	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,146	1/2	169,376	1/2	184,606	1/2	199,833	1/2	214,976	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,463	3/4	169,693	3/4	184,923	3/4	200,149	3/4	215,289	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,781	2	170,011	2	185,240	2	200,466	2	215,603	2	2	2	2	2	2	2	2	2	2
1/4	155,098	1/4	170,328	1/4	185,558	1/4	200,782	1/4	215,916	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,415	1/2	170,645	1/2	185,875	1/2	201,098	1/2	216,229	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,732	3/4	170,962	3/4	186,192	3/4	201,414	3/4	216,542	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	156,050	3	171,280	3	186,510	3	201,730	3	216,855	3	3	3	3	3	3	3	3	3	3
1/4	156,367	1/4	171,597	1/4	186,827	1/4	202,046	1/4	217,168	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,684	1/2	171,914	1/2	187,144	1/2	202,362	1/2	217,480	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,002	3/4	172,232	3/4	187,462	3/4	202,678	3/4	217,793	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,319	4	172,549	4	187,779	4	202,994	4	218,106	4	4	4	4	4	4	4	4	4	4
1/4	157,636	1/4	172,866	1/4	188,096	1/4	203,310	1/4	218,418	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,953	1/2	173,183	1/2	188,413	1/2	203,626	1/2	218,729	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,271	3/4	173,501	3/4	188,731	3/4	203,942	3/4	219,041	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,588	5	173,818	5	189,048	5	204,258	5	219,352	5	5	5	5	5	5	5	5	5	5
1/4	158,905	1/4	174,135	1/4	189,365	1/4	204,574	1/4	219,639	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,223	1/2	174,453	1/2	189,683	1/2	204,890	1/2	219,926	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,540	3/4	174,770	3/4	190,000	3/4	205,207	3/4	220,212	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,857	6	175,087	6	190,317	6	205,523	6	220,499	6	6	6	6	6	6	6	6	6	6
1/4	160,175	1/4	175,404	1/4	190,634	1/4	205,839	1/4	220,733	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,492	1/2	175,722	1/2	190,952	1/2	206,155	1/2	220,967	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,809	3/4	176,039	3/4	191,269	3/4	206,471	3/4	221,200	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,126	7	176,356	7	191,586	7	206,787	7	221,434	7	7	7	7	7	7	7	7	7	7
1/4	161,444	1/4	176,674	1/4	191,904	1/4	207,103	1/4	221,616	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,761	1/2	176,991	1/2	192,221	1/2	207,419	1/2	221,798	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,078	3/4	177,308	3/4	192,538	3/4	207,735	3/4	221,980	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,396	8	177,626	8	192,855	8	208,051	8	222,162	8	8	8	8	8	8	8	8	8	8
1/4	162,713	1/4	177,943	1/4	193,173	1/4	208,367	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,030	1/2	178,260	1/2	193,490	1/2	208,683	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,347	3/4	178,577	3/4	193,807	3/4	208,999	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,665	9	178,895	9	194,125	9	209,315	9		9	9	9	9	9	9	9	9	9	9
1/4	163,982	1/4	179,212	1/4	194,442	1/4	209,632	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,299	1/2	179,529	1/2	194,759	1/2	209,948	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,617	3/4	179,847	3/4	195,077	3/4	210,264	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,934	10	180,164	10	195,394	10	210,580	10		10	10	10	10	10	10	10	10	10	10
1/4	165,251	1/4	180,481	1/4	195,711	1/4	210,896	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,568	1/2	180,798	1/2	196,028	1/2	211,212	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,886	3/4	181,116	3/4	196,346	3/4	211,529	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,203	11	181,433	11	196,663	11	211,845	11		11	11	11	11	11	11	11	11	11	11
1/4	166,520	1/4	181,750	1/4	196,980	1/4	212,158	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,838	1/2	182,068	1/2	197,298	1/2	212,471	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,155	3/4	182,385	3/4	197,615	3/4	212,784	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: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013

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



# BARGE "CBC 384"

## 2 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	961	0	15,184	0	30,364	0	45,534	0	60,705	0	75,886	0	91,066	0	106,247	0	121,424	0	136,599
1/4	1,146	1/4	15,500	1/4	30,681	1/4	45,850	1/4	61,021	1/4	76,202	1/4	91,383	1/4	106,564	1/4	121,740	1/4	136,915
1/2	1,330	1/2	15,817	1/2	30,997	1/2	46,166	1/2	61,337	1/2	76,518	1/2	91,699	1/2	106,880	1/2	122,056	1/2	137,231
3/4	1,515	3/4	16,133	3/4	31,313	3/4	46,482	3/4	61,654	3/4	76,834	3/4	92,015	3/4	107,196	3/4	122,372	3/4	137,547
1	1,699	1	16,449	1	31,629	1	46,797	1	61,970	1	77,151	1	92,332	1	107,512	1	122,688	1	137,864
1/4	1,936	1/4	16,765	1/4	31,946	1/4	47,113	1/4	62,286	1/4	77,467	1/4	92,648	1/4	107,829	1/4	123,005	1/4	138,180
1/2	2,173	1/2	17,082	1/2	32,262	1/2	47,429	1/2	62,603	1/2	77,783	1/2	92,964	1/2	108,145	1/2	123,321	1/2	138,496
3/4	2,411	3/4	17,398	3/4	32,578	3/4	47,745	3/4	62,919	3/4	78,100	3/4	93,280	3/4	108,461	3/4	123,637	3/4	138,812
2	2,648	2	17,714	2	32,894	2	48,060	2	63,235	2	78,416	2	93,597	2	108,777	2	123,953	2	139,128
1/4	2,938	1/4	18,030	1/4	33,211	1/4	48,376	1/4	63,551	1/4	78,732	1/4	93,913	1/4	109,094	1/4	124,269	1/4	139,444
1/2	3,227	1/2	18,347	1/2	33,527	1/2	48,692	1/2	63,868	1/2	79,048	1/2	94,229	1/2	109,410	1/2	124,585	1/2	139,761
3/4	3,517	3/4	18,663	3/4	33,843	3/4	49,008	3/4	64,184	3/4	79,365	3/4	94,545	3/4	109,726	3/4	124,901	3/4	140,077
3	3,807	3	18,979	3	34,159	3	49,323	3	64,500	3	79,681	3	94,862	3	110,042	3	125,218	3	140,393
1/4	4,122	1/4	19,295	1/4	34,476	1/4	49,639	1/4	64,816	1/4	79,997	1/4	95,178	1/4	110,359	1/4	125,534	1/4	140,709
1/2	4,436	1/2	19,612	1/2	34,792	1/2	49,955	1/2	65,133	1/2	80,313	1/2	95,494	1/2	110,675	1/2	125,850	1/2	141,025
3/4	4,751	3/4	19,928	3/4	35,108	3/4	50,271	3/4	65,449	3/4	80,630	3/4	95,810	3/4	110,991	3/4	126,166	3/4	141,341
4	5,066	4	20,244	4	35,424	4	50,586	4	65,765	4	80,946	4	96,127	4	111,307	4	126,482	4	141,657
1/4	5,382	1/4	20,560	1/4	35,741	1/4	50,902	1/4	66,081	1/4	81,262	1/4	96,443	1/4	111,623	1/4	126,798	1/4	141,974
1/2	5,698	1/2	20,877	1/2	36,057	1/2	51,218	1/2	66,398	1/2	81,578	1/2	96,759	1/2	111,939	1/2	127,115	1/2	142,290
3/4	6,013	3/4	21,193	3/4	36,373	3/4	51,534	3/4	66,714	3/4	81,895	3/4	97,076	3/4	112,255	3/4	127,431	3/4	142,606
5	6,329	5	21,509	5	36,689	5	51,849	5	67,030	5	82,211	5	97,392	5	112,572	5	127,747	5	142,922
1/4	6,645	1/4	21,825	1/4	37,006	1/4	52,166	1/4	67,346	1/4	82,527	1/4	97,708	1/4	112,888	1/4	128,063	1/4	143,238
1/2	6,962	1/2	22,142	1/2	37,322	1/2	52,482	1/2	67,663	1/2	82,844	1/2	98,024	1/2	113,204	1/2	128,379	1/2	143,554
3/4	7,278	3/4	22,458	3/4	37,638	3/4	52,798	3/4	67,979	3/4	83,160	3/4	98,341	3/4	113,520	3/4	128,695	3/4	143,870
6	7,594	6	22,774	6	37,954	6	53,115	6	68,295	6	83,476	6	98,657	6	113,836	6	129,011	6	144,187
1/4	7,910	1/4	23,090	1/4	38,271	1/4	53,431	1/4	68,612	1/4	83,792	1/4	98,973	1/4	114,152	1/4	129,328	1/4	144,503
1/2	8,227	1/2	23,407	1/2	38,587	1/2	53,747	1/2	68,928	1/2	84,109	1/2	99,289	1/2	114,469	1/2	129,644	1/2	144,819
3/4	8,543	3/4	23,723	3/4	38,903	3/4	54,063	3/4	69,244	3/4	84,425	3/4	99,606	3/4	114,785	3/4	129,960	3/4	145,135
7	8,859	7	24,039	7	39,219	7	54,380	7	69,560	7	84,741	7	99,922	7	115,101	7	130,276	7	145,451
1/4	9,175	1/4	24,355	1/4	39,535	1/4	54,696	1/4	69,877	1/4	85,057	1/4	100,238	1/4	115,417	1/4	130,592	1/4	145,767
1/2	9,492	1/2	24,672	1/2	39,851	1/2	55,012	1/2	70,193	1/2	85,374	1/2	100,554	1/2	115,733	1/2	130,908	1/2	146,084
3/4	9,808	3/4	24,988	3/4	40,167	3/4	55,328	3/4	70,509	3/4	85,690	3/4	100,871	3/4	116,049	3/4	131,224	3/4	146,400
8	10,124	8	25,304	8	40,482	8	55,645	8	70,825	8	86,006	8	101,187	8	116,365	8	131,541	8	146,716
1/4	10,440	1/4	25,621	1/4	40,798	1/4	55,961	1/4	71,142	1/4	86,322	1/4	101,503	1/4	116,682	1/4	131,857	1/4	147,032
1/2	10,757	1/2	25,937	1/2	41,114	1/2	56,277	1/2	71,458	1/2	86,639	1/2	101,820	1/2	116,998	1/2	132,173	1/2	147,348
3/4	11,073	3/4	26,253	3/4	41,430	3/4	56,593	3/4	71,774	3/4	86,955	3/4	102,136	3/4	117,314	3/4	132,489	3/4	147,664
9	11,389	9	26,569	9	41,745	9	56,910	9	72,090	9	87,271	9	102,452	9	117,630	9	132,805	9	147,980
1/4	11,705	1/4	26,886	1/4	42,061	1/4	57,226	1/4	72,407	1/4	87,588	1/4	102,768	1/4	117,946	1/4	133,121	1/4	148,297
1/2	12,022	1/2	27,202	1/2	42,377	1/2	57,542	1/2	72,723	1/2	87,904	1/2	103,085	1/2	118,262	1/2	133,438	1/2	148,613
3/4	12,338	3/4	27,518	3/4	42,693	3/4	57,859	3/4	73,039	3/4	88,220	3/4	103,401	3/4	118,578	3/4	133,754	3/4	148,929
10	12,654	10	27,834	10	43,008	10	58,175	10	73,356	10	88,536	10	103,717	10	118,895	10	134,070	10	149,245
1/4	12,970	1/4	28,151	1/4	43,324	1/4	58,491	1/4	73,672	1/4	88,853	1/4	104,033	1/4	119,211	1/4	134,386	1/4	149,561
1/2	13,287	1/2	28,467	1/2	43,640	1/2	58,807	1/2	73,988	1/2	89,169	1/2	104,350	1/2	119,527	1/2	134,702	1/2	149,877
3/4	13,603	3/4	28,783	3/4	43,956	3/4	59,124	3/4	74,304	3/4	89,485	3/4	104,666	3/4	119,843	3/4	135,018	3/4	150,193
11	13,919	11	29,099	11	44,271	11	59,440	11	74,621	11	89,801	11	104,982	11	120,159	11	135,334	11	150,510
1/4	14,235	1/4	29,416	1/4	44,587	1/4	59,756	1/4	74,937	1/4	90,118	1/4	105,298	1/4	120,475	1/4	135,651	1/4	150,826
1/2	14,552	1/2	29,732	1/2	44,903	1/2	60,072	1/2	75,253	1/2	90,434	1/2	105,615	1/2	120,792	1/2	135,967	1/2	151,142
3/4	14,868	3/4	30,048	3/4	45,219	3/4	60,389	3/4	75,569	3/4	90,750	3/4	105,931	3/4	121,108	3/4	136,283	3/4	151,458

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 384"

## 2 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	151,774	0	166,949	0	182,125	0	197,300	0	212,410	0		0		0		0		0	
1/4	152,090	1/4	167,266	1/4	182,441	1/4	197,616	1/4	212,722	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,407	1/2	167,582	1/2	182,757	1/2	197,932	1/2	213,034	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,723	3/4	167,898	3/4	183,073	3/4	198,248	3/4	213,346	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,039	1	168,214	1	183,389	1	198,564	1	213,658	1	1	1	1	1	1	1	1	1	1
1/4	153,355	1/4	168,530	1/4	183,705	1/4	198,879	1/4	213,970	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,671	1/2	168,846	1/2	184,022	1/2	199,194	1/2	214,283	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,987	3/4	169,162	3/4	184,338	3/4	199,509	3/4	214,595	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,303	2	169,479	2	184,654	2	199,824	2	214,907	2	2	2	2	2	2	2	2	2	2
1/4	154,620	1/4	169,795	1/4	184,970	1/4	200,139	1/4	215,219	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,936	1/2	170,111	1/2	185,286	1/2	200,454	1/2	215,530	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,252	3/4	170,427	3/4	185,602	3/4	200,769	3/4	215,842	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,568	3	170,743	3	185,918	3	201,084	3	216,154	3	3	3	3	3	3	3	3	3	3
1/4	155,884	1/4	171,059	1/4	186,235	1/4	201,399	1/4	216,466	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,200	1/2	171,376	1/2	186,551	1/2	201,714	1/2	216,778	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,516	3/4	171,692	3/4	186,867	3/4	202,029	3/4	217,089	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,833	4	172,008	4	187,183	4	202,344	4	217,401	4	4	4	4	4	4	4	4	4	4
1/4	157,149	1/4	172,324	1/4	187,499	1/4	202,658	1/4	217,711	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,465	1/2	172,640	1/2	187,815	1/2	202,973	1/2	218,022	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,781	3/4	172,956	3/4	188,131	3/4	203,288	3/4	218,332	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,097	5	173,272	5	188,448	5	203,603	5	218,643	5	5	5	5	5	5	5	5	5	5
1/4	158,413	1/4	173,589	1/4	188,764	1/4	203,918	1/4	218,928	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,730	1/2	173,905	1/2	189,080	1/2	204,233	1/2	219,214	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,046	3/4	174,221	3/4	189,396	3/4	204,548	3/4	219,500	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,362	6	174,537	6	189,712	6	204,863	6	219,785	6	6	6	6	6	6	6	6	6	6
1/4	159,678	1/4	174,853	1/4	190,028	1/4	205,178	1/4	220,018	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,994	1/2	175,169	1/2	190,344	1/2	205,493	1/2	220,251	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,310	3/4	175,485	3/4	190,661	3/4	205,808	3/4	220,484	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,626	7	175,802	7	190,977	7	206,123	7	220,717	7	7	7	7	7	7	7	7	7	7
1/4	160,943	1/4	176,118	1/4	191,293	1/4	206,438	1/4	220,898	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,259	1/2	176,434	1/2	191,609	1/2	206,753	1/2	221,080	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,575	3/4	176,750	3/4	191,925	3/4	207,067	3/4	221,261	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,891	8	177,066	8	192,241	8	207,382	8	221,443	8	8	8	8	8	8	8	8	8	8
1/4	162,207	1/4	177,382	1/4	192,558	1/4	207,697	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,523	1/2	177,699	1/2	192,874	1/2	208,012	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,839	3/4	178,015	3/4	193,190	3/4	208,327	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,156	9	178,331	9	193,506	9	208,642	9		9	9	9	9	9	9	9	9	9	9
1/4	163,472	1/4	178,647	1/4	193,822	1/4	208,957	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,788	1/2	178,963	1/2	194,138	1/2	209,272	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,104	3/4	179,279	3/4	194,454	3/4	209,587	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,420	10	179,595	10	194,771	10	209,902	10		10	10	10	10	10	10	10	10	10	10
1/4	164,736	1/4	179,912	1/4	195,087	1/4	210,217	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,053	1/2	180,228	1/2	195,403	1/2	210,532	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,369	3/4	180,544	3/4	195,719	3/4	210,847	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,685	11	180,860	11	196,035	11	211,162	11		11	11	11	11	11	11	11	11	11	11
1/4	166,001	1/4	181,176	1/4	196,351	1/4	211,474	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,317	1/2	181,492	1/2	196,667	1/2	211,786	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,633	3/4	181,808	3/4	196,984	3/4	212,098	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: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013

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



# BARGE "CBC 384"

## 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	961	0	15,182	0	30,361	0	45,195	0	60,030	0	75,209	0	90,388	0	105,567	0	120,742	0	135,915
1/4	1,146	1/4	15,499	1/4	30,677	1/4	45,497	1/4	60,347	1/4	75,526	1/4	90,705	1/4	105,884	1/4	121,058	1/4	136,232
1/2	1,330	1/2	15,815	1/2	30,993	1/2	45,799	1/2	60,663	1/2	75,842	1/2	91,021	1/2	106,200	1/2	121,374	1/2	136,548
3/4	1,514	3/4	16,131	3/4	31,309	3/4	46,101	3/4	60,979	3/4	76,158	3/4	91,337	3/4	106,516	3/4	121,690	3/4	136,864
1	1,699	1	16,447	1	31,626	1	46,403	1	61,295	1	76,474	1	91,653	1	106,832	1	122,007	1	137,180
1/4	1,936	1/4	16,763	1/4	31,942	1/4	46,704	1/4	61,612	1/4	76,791	1/4	91,969	1/4	107,148	1/4	122,323	1/4	137,496
1/2	2,173	1/2	17,080	1/2	32,258	1/2	47,006	1/2	61,928	1/2	77,107	1/2	92,286	1/2	107,465	1/2	122,639	1/2	137,812
3/4	2,410	3/4	17,396	3/4	32,574	3/4	47,308	3/4	62,244	3/4	77,423	3/4	92,602	3/4	107,781	3/4	122,955	3/4	138,128
2	2,647	2	17,712	2	32,890	2	47,610	2	62,560	2	77,739	2	92,918	2	108,097	2	123,271	2	138,444
1/4	2,937	1/4	18,028	1/4	33,207	1/4	47,912	1/4	62,876	1/4	78,055	1/4	93,234	1/4	108,413	1/4	123,587	1/4	138,760
1/2	3,227	1/2	18,344	1/2	33,523	1/2	48,213	1/2	63,193	1/2	78,372	1/2	93,551	1/2	108,730	1/2	123,903	1/2	139,077
3/4	3,517	3/4	18,661	3/4	33,839	3/4	48,515	3/4	63,509	3/4	78,688	3/4	93,867	3/4	109,046	3/4	124,219	3/4	139,393
3	3,806	3	18,977	3	34,155	3	48,817	3	63,825	3	79,004	3	94,183	3	109,362	3	124,535	3	139,709
1/4	4,121	1/4	19,293	1/4	34,471	1/4	49,119	1/4	64,141	1/4	79,320	1/4	94,499	1/4	109,678	1/4	124,852	1/4	140,025
1/2	4,436	1/2	19,609	1/2	34,788	1/2	49,421	1/2	64,458	1/2	79,637	1/2	94,816	1/2	109,994	1/2	125,168	1/2	140,341
3/4	4,751	3/4	19,926	3/4	35,104	3/4	49,723	3/4	64,774	3/4	79,953	3/4	95,132	3/4	110,310	3/4	125,484	3/4	140,657
4	5,065	4	20,242	4	35,420	4	50,024	4	65,090	4	80,269	4	95,448	4	110,626	4	125,800	4	140,973
1/4	5,381	1/4	20,558	1/4	35,736	1/4	50,326	1/4	65,406	1/4	80,585	1/4	95,764	1/4	110,943	1/4	126,116	1/4	141,289
1/2	5,697	1/2	20,874	1/2	36,053	1/2	50,628	1/2	65,723	1/2	80,901	1/2	96,080	1/2	111,259	1/2	126,432	1/2	141,605
3/4	6,013	3/4	21,190	3/4	36,369	3/4	50,930	3/4	66,039	3/4	81,218	3/4	96,397	3/4	111,575	3/4	126,748	3/4	141,922
5	6,328	5	21,507	5	36,685	5	51,232	5	66,355	5	81,534	5	96,713	5	111,891	5	127,064	5	142,238
1/4	6,645	1/4	21,823	1/4	37,001	1/4	51,534	1/4	66,671	1/4	81,850	1/4	97,029	1/4	112,207	1/4	127,380	1/4	142,554
1/2	6,961	1/2	22,139	1/2	37,317	1/2	51,836	1/2	66,987	1/2	82,166	1/2	97,345	1/2	112,523	1/2	127,697	1/2	142,870
3/4	7,277	3/4	22,455	3/4	37,634	3/4	52,139	3/4	67,304	3/4	82,483	3/4	97,662	3/4	112,839	3/4	128,013	3/4	143,186
6	7,593	6	22,771	6	37,950	6	52,441	6	67,620	6	82,799	6	97,978	6	113,155	6	128,329	6	143,502
1/4	7,909	1/4	23,088	1/4	38,252	1/4	52,757	1/4	67,936	1/4	83,115	1/4	98,294	1/4	113,471	1/4	128,645	1/4	143,818
1/2	8,226	1/2	23,404	1/2	38,554	1/2	53,073	1/2	68,252	1/2	83,431	1/2	98,610	1/2	113,788	1/2	128,961	1/2	144,134
3/4	8,542	3/4	23,720	3/4	38,857	3/4	53,390	3/4	68,569	3/4	83,748	3/4	98,927	3/4	114,104	3/4	129,277	3/4	144,450
7	8,858	7	24,036	7	39,159	7	53,706	7	68,885	7	84,064	7	99,243	7	114,420	7	129,593	7	144,767
1/4	9,174	1/4	24,353	1/4	39,461	1/4	54,022	1/4	69,201	1/4	84,380	1/4	99,559	1/4	114,736	1/4	129,909	1/4	145,083
1/2	9,490	1/2	24,669	1/2	39,763	1/2	54,338	1/2	69,517	1/2	84,696	1/2	99,875	1/2	115,052	1/2	130,225	1/2	145,399
3/4	9,807	3/4	24,985	3/4	40,065	3/4	54,655	3/4	69,833	3/4	85,012	3/4	100,191	3/4	115,368	3/4	130,542	3/4	145,715
8	10,123	8	25,301	8	40,366	8	54,971	8	70,150	8	85,329	8	100,508	8	115,684	8	130,858	8	146,031
1/4	10,439	1/4	25,617	1/4	40,668	1/4	55,287	1/4	70,466	1/4	85,645	1/4	100,824	1/4	116,000	1/4	131,174	1/4	146,347
1/2	10,755	1/2	25,934	1/2	40,970	1/2	55,603	1/2	70,782	1/2	85,961	1/2	101,140	1/2	116,316	1/2	131,490	1/2	146,663
3/4	11,071	3/4	26,250	3/4	41,272	3/4	55,919	3/4	71,098	3/4	86,277	3/4	101,456	3/4	116,633	3/4	131,806	3/4	146,979
9	11,388	9	26,566	9	41,574	9	56,236	9	71,415	9	86,594	9	101,773	9	116,949	9	132,122	9	147,295
1/4	11,704	1/4	26,882	1/4	41,875	1/4	56,552	1/4	71,731	1/4	86,910	1/4	102,089	1/4	117,265	1/4	132,438	1/4	147,612
1/2	12,020	1/2	27,199	1/2	42,177	1/2	56,868	1/2	72,047	1/2	87,226	1/2	102,405	1/2	117,581	1/2	132,754	1/2	147,928
3/4	12,336	3/4	27,515	3/4	42,479	3/4	57,184	3/4	72,363	3/4	87,542	3/4	102,721	3/4	117,897	3/4	133,070	3/4	148,244
10	12,653	10	27,831	10	42,781	10	57,501	10	72,680	10	87,859	10	103,037	10	118,213	10	133,387	10	148,560
1/4	12,969	1/4	28,147	1/4	43,083	1/4	57,817	1/4	72,996	1/4	88,175	1/4	103,354	1/4	118,529	1/4	133,703	1/4	148,876
1/2	13,285	1/2	28,463	1/2	43,384	1/2	58,133	1/2	73,312	1/2	88,491	1/2	103,670	1/2	118,845	1/2	134,019	1/2	149,192
3/4	13,601	3/4	28,780	3/4	43,686	3/4	58,449	3/4	73,628	3/4	88,807	3/4	103,986	3/4	119,162	3/4	134,335	3/4	149,508
11	13,917	11	29,096	11	43,988	11	58,765	11	73,944	11	89,123	11	104,302	11	119,478	11	134,651	11	149,824
1/4	14,234	1/4	29,412	1/4	44,290	1/4	59,082	1/4	74,261	1/4	89,440	1/4	104,619	1/4	119,794	1/4	134,967	1/4	150,140
1/2	14,550	1/2	29,728	1/2	44,592	1/2	59,398	1/2	74,577	1/2	89,756	1/2	104,935	1/2	120,110	1/2	135,283	1/2	150,457
3/4	14,866	3/4	30,044	3/4	44,894	3/4	59,714	3/4	74,893	3/4	90,072	3/4	105,251	3/4	120,426	3/4	135,599	3/4	150,773

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 384"

**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	151,089	0	166,262	0	181,436	0	196,609	0	211,718	0		0		0		0		0	
1/4	151,405	1/4	166,578	1/4	181,752	1/4	196,925	1/4	212,030	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,721	1/2	166,894	1/2	182,068	1/2	197,241	1/2	212,342	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,037	3/4	167,210	3/4	182,384	3/4	197,557	3/4	212,654	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,353	1	167,527	1	182,700	1	197,873	1	212,966	1	1	1	1	1	1	1	1	1	1
1/4	152,669	1/4	167,843	1/4	183,016	1/4	198,188	1/4	213,278	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,985	1/2	168,159	1/2	183,332	1/2	198,503	1/2	213,590	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,302	3/4	168,475	3/4	183,648	3/4	198,818	3/4	213,902	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,618	2	168,791	2	183,964	2	199,133	2	214,214	2	2	2	2	2	2	2	2	2	2
1/4	153,934	1/4	169,107	1/4	184,281	1/4	199,448	1/4	214,526	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,250	1/2	169,423	1/2	184,597	1/2	199,763	1/2	214,837	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,566	3/4	169,739	3/4	184,913	3/4	200,078	3/4	215,149	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,882	3	170,056	3	185,229	3	200,392	3	215,461	3	3	3	3	3	3	3	3	3	3
1/4	155,198	1/4	170,372	1/4	185,545	1/4	200,707	1/4	215,773	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,514	1/2	170,688	1/2	185,861	1/2	201,022	1/2	216,084	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,830	3/4	171,004	3/4	186,177	3/4	201,337	3/4	216,396	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,147	4	171,320	4	186,493	4	201,652	4	216,708	4	4	4	4	4	4	4	4	4	4
1/4	156,463	1/4	171,636	1/4	186,809	1/4	201,967	1/4	217,018	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,779	1/2	171,952	1/2	187,126	1/2	202,282	1/2	217,329	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,095	3/4	172,268	3/4	187,442	3/4	202,597	3/4	217,639	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,411	5	172,584	5	187,758	5	202,912	5	217,950	5	5	5	5	5	5	5	5	5	5
1/4	157,727	1/4	172,901	1/4	188,074	1/4	203,226	1/4	218,235	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,043	1/2	173,217	1/2	188,390	1/2	203,541	1/2	218,521	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,359	3/4	173,533	3/4	188,706	3/4	203,856	3/4	218,806	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,675	6	173,849	6	189,022	6	204,171	6	219,092	6	6	6	6	6	6	6	6	6	6
1/4	158,992	1/4	174,165	1/4	189,338	1/4	204,486	1/4	219,325	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,308	1/2	174,481	1/2	189,654	1/2	204,801	1/2	219,558	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,624	3/4	174,797	3/4	189,971	3/4	205,116	3/4	219,790	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	159,940	7	175,113	7	190,287	7	205,431	7	220,023	7	7	7	7	7	7	7	7	7	7
1/4	160,256	1/4	175,429	1/4	190,603	1/4	205,746	1/4	220,205	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,572	1/2	175,746	1/2	190,919	1/2	206,061	1/2	220,386	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,888	3/4	176,062	3/4	191,235	3/4	206,375	3/4	220,568	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,204	8	176,378	8	191,551	8	206,690	8	220,749	8	8	8	8	8	8	8	8	8	8
1/4	161,520	1/4	176,694	1/4	191,867	1/4	207,005	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,837	1/2	177,010	1/2	192,183	1/2	207,320	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,153	3/4	177,326	3/4	192,499	3/4	207,635	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,469	9	177,642	9	192,816	9	207,950	9		9	9	9	9	9	9	9	9	9	9
1/4	162,785	1/4	177,958	1/4	193,132	1/4	208,265	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,101	1/2	178,274	1/2	193,448	1/2	208,580	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,417	3/4	178,591	3/4	193,764	3/4	208,895	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,733	10	178,907	10	194,080	10	209,210	10		10	10	10	10	10	10	10	10	10	10
1/4	164,049	1/4	179,223	1/4	194,396	1/4	209,525	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,365	1/2	179,539	1/2	194,712	1/2	209,840	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,682	3/4	179,855	3/4	195,028	3/4	210,155	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	164,998	11	180,171	11	195,344	11	210,470	11		11	11	11	11	11	11	11	11	11	11
1/4	165,314	1/4	180,487	1/4	195,661	1/4	210,782	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,630	1/2	180,803	1/2	195,977	1/2	211,094	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,946	3/4	181,119	3/4	196,293	3/4	211,406	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: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013

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



# BARGE "CBC 384"

# 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	957	0	15,121	0	30,237	0	45,345	0	60,456	0	75,573	0	90,689	0	105,803	0	120,908	0	135,976
1/4	1,141	1/4	15,436	1/4	30,552	1/4	45,660	1/4	60,771	1/4	75,888	1/4	91,004	1/4	106,118	1/4	121,222	1/4	136,289
1/2	1,325	1/2	15,751	1/2	30,867	1/2	45,974	1/2	61,086	1/2	76,203	1/2	91,319	1/2	106,432	1/2	121,537	1/2	136,602
3/4	1,508	3/4	16,066	3/4	31,182	3/4	46,289	3/4	61,401	3/4	76,518	3/4	91,634	3/4	106,747	3/4	121,851	3/4	136,914
1	1,692	1	16,380	1	31,497	1	46,603	1	61,715	1	76,833	1	91,949	1	107,062	1	122,165	1	137,227
1/4	1,928	1/4	16,695	1/4	31,812	1/4	46,918	1/4	62,030	1/4	77,148	1/4	92,263	1/4	107,377	1/4	122,479	1/4	137,540
1/2	2,164	1/2	17,010	1/2	32,127	1/2	47,233	1/2	62,345	1/2	77,463	1/2	92,578	1/2	107,692	1/2	122,794	1/2	137,853
3/4	2,401	3/4	17,325	3/4	32,442	3/4	47,547	3/4	62,660	3/4	77,778	3/4	92,893	3/4	108,007	3/4	123,108	3/4	138,166
2	2,637	2	17,640	2	32,757	2	47,862	2	62,975	2	78,093	2	93,208	2	108,322	2	123,422	2	138,479
1/4	2,925	1/4	17,955	1/4	33,072	1/4	48,176	1/4	63,290	1/4	78,407	1/4	93,523	1/4	108,636	1/4	123,737	1/4	138,791
1/2	3,214	1/2	18,270	1/2	33,387	1/2	48,491	1/2	63,605	1/2	78,722	1/2	93,838	1/2	108,951	1/2	124,051	1/2	139,104
3/4	3,503	3/4	18,585	3/4	33,702	3/4	48,805	3/4	63,920	3/4	79,037	3/4	94,153	3/4	109,266	3/4	124,365	3/4	139,417
3	3,791	3	18,900	3	34,017	3	49,120	3	64,235	3	79,352	3	94,467	3	109,581	3	124,679	3	139,730
1/4	4,105	1/4	19,215	1/4	34,332	1/4	49,434	1/4	64,550	1/4	79,667	1/4	94,782	1/4	109,896	1/4	124,994	1/4	140,043
1/2	4,418	1/2	19,530	1/2	34,646	1/2	49,749	1/2	64,865	1/2	79,982	1/2	95,097	1/2	110,211	1/2	125,308	1/2	140,357
3/4	4,731	3/4	19,845	3/4	34,961	3/4	50,063	3/4	65,180	3/4	80,297	3/4	95,412	3/4	110,526	3/4	125,622	3/4	140,670
4	5,045	4	20,160	4	35,276	4	50,378	4	65,495	4	80,612	4	95,727	4	110,840	4	125,936	4	140,984
1/4	5,359	1/4	20,475	1/4	35,591	1/4	50,693	1/4	65,810	1/4	80,927	1/4	96,042	1/4	111,155	1/4	126,251	1/4	141,297
1/2	5,674	1/2	20,790	1/2	35,906	1/2	51,008	1/2	66,125	1/2	81,242	1/2	96,357	1/2	111,470	1/2	126,565	1/2	141,611
3/4	5,988	3/4	21,104	3/4	36,221	3/4	51,322	3/4	66,440	3/4	81,557	3/4	96,672	3/4	111,785	3/4	126,879	3/4	141,924
5	6,303	5	21,419	5	36,536	5	51,637	5	66,755	5	81,872	5	96,986	5	112,100	5	127,194	5	142,238
1/4	6,618	1/4	21,734	1/4	36,851	1/4	51,952	1/4	67,070	1/4	82,187	1/4	97,301	1/4	112,414	1/4	127,508	1/4	142,551
1/2	6,933	1/2	22,049	1/2	37,166	1/2	52,267	1/2	67,384	1/2	82,502	1/2	97,616	1/2	112,729	1/2	127,822	1/2	142,865
3/4	7,248	3/4	22,364	3/4	37,481	3/4	52,582	3/4	67,699	3/4	82,817	3/4	97,931	3/4	113,044	3/4	128,136	3/4	143,178
6	7,562	6	22,679	6	37,796	6	52,897	6	68,014	6	83,132	6	98,246	6	113,359	6	128,451	6	143,492
1/4	7,877	1/4	22,994	1/4	38,110	1/4	53,212	1/4	68,329	1/4	83,447	1/4	98,561	1/4	113,674	1/4	128,765	1/4	143,805
1/2	8,192	1/2	23,309	1/2	38,425	1/2	53,527	1/2	68,644	1/2	83,762	1/2	98,876	1/2	113,988	1/2	129,079	1/2	144,119
3/4	8,507	3/4	23,624	3/4	38,740	3/4	53,842	3/4	68,959	3/4	84,076	3/4	99,190	3/4	114,303	3/4	129,393	3/4	144,432
7	8,822	7	23,939	7	39,054	7	54,157	7	69,274	7	84,391	7	99,505	7	114,618	7	129,708	7	144,746
1/4	9,137	1/4	24,254	1/4	39,369	1/4	54,472	1/4	69,589	1/4	84,706	1/4	99,820	1/4	114,933	1/4	130,022	1/4	145,059
1/2	9,452	1/2	24,569	1/2	39,683	1/2	54,787	1/2	69,904	1/2	85,021	1/2	100,135	1/2	115,248	1/2	130,336	1/2	145,373
3/4	9,767	3/4	24,884	3/4	39,998	3/4	55,102	3/4	70,219	3/4	85,336	3/4	100,450	3/4	115,562	3/4	130,651	3/4	145,686
8	10,082	8	25,199	8	40,313	8	55,417	8	70,534	8	85,651	8	100,765	8	115,877	8	130,965	8	146,000
1/4	10,397	1/4	25,513	1/4	40,627	1/4	55,732	1/4	70,849	1/4	85,966	1/4	101,080	1/4	116,192	1/4	131,279	1/4	146,313
1/2	10,712	1/2	25,828	1/2	40,942	1/2	56,047	1/2	71,164	1/2	86,281	1/2	101,395	1/2	116,507	1/2	131,593	1/2	146,627
3/4	11,027	3/4	26,143	3/4	41,256	3/4	56,361	3/4	71,479	3/4	86,596	3/4	101,709	3/4	116,822	3/4	131,908	3/4	146,940
9	11,342	9	26,458	9	41,571	9	56,676	9	71,794	9	86,911	9	102,024	9	117,137	9	132,222	9	147,254
1/4	11,657	1/4	26,773	1/4	41,885	1/4	56,991	1/4	72,109	1/4	87,226	1/4	102,339	1/4	117,451	1/4	132,535	1/4	147,423
1/2	11,971	1/2	27,088	1/2	42,200	1/2	57,306	1/2	72,424	1/2	87,540	1/2	102,654	1/2	117,765	1/2	132,848	1/2	147,592
3/4	12,286	3/4	27,403	3/4	42,514	3/4	57,621	3/4	72,739	3/4	87,855	3/4	102,969	3/4	118,080	3/4	133,160	3/4	147,762
10	12,601	10	27,718	10	42,829	10	57,936	10	73,053	10	88,170	10	103,284	10	118,394	10	133,473	10	147,931
1/4	12,916	1/4	28,033	1/4	43,143	1/4	58,251	1/4	73,368	1/4	88,485	1/4	103,599	1/4	118,708	1/4	133,786	1/4	148,100
1/2	13,231	1/2	28,348	1/2	43,458	1/2	58,566	1/2	73,683	1/2	88,800	1/2	103,913	1/2	119,022	1/2	134,099	1/2	148,270
3/4	13,546	3/4	28,663	3/4	43,773	3/4	58,881	3/4	73,998	3/4	89,115	3/4	104,228	3/4	119,337	3/4	134,412	3/4	148,439
11	13,861	11	28,978	11	44,087	11	59,196	11	74,313	11	89,430	11	104,543	11	119,651	11	134,725	11	148,609
1/4	14,176	1/4	29,293	1/4	44,402	1/4	59,511	1/4	74,628	1/4	89,744	1/4	104,858	1/4	119,965	1/4	135,037	1/4	148,778
1/2	14,491	1/2	29,608	1/2	44,716	1/2	59,826	1/2	74,943	1/2	90,059	1/2	105,173	1/2	120,280	1/2	135,350	1/2	148,947
3/4	14,806	3/4	29,922	3/4	45,031	3/4	60,141	3/4	75,258	3/4	90,374	3/4	105,488	3/4	120,594	3/4	135,663	3/4	149,117

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 384"

## 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	149,286	0	157,415	0	165,545	0	173,674	0	181,770	0		0		0		0		0	
1/4	149,455	1/4	157,585	1/4	165,714	1/4	173,843	1/4	181,937	1/4		1/4		1/4		1/4		1/4	
1/2	149,625	1/2	157,754	1/2	165,883	1/2	174,013	1/2	182,104	1/2		1/2		1/2		1/2		1/2	
3/4	149,794	3/4	157,923	3/4	166,053	3/4	174,182	3/4	182,271	3/4		3/4		3/4		3/4		3/4	
1	149,963	1	158,093	1	166,222	1	174,351	1	182,438	1		1		1		1		1	
1/4	150,133	1/4	158,262	1/4	166,391	1/4	174,520	1/4	182,606	1/4		1/4		1/4		1/4		1/4	
1/2	150,302	1/2	158,431	1/2	166,561	1/2	174,689	1/2	182,773	1/2		1/2		1/2		1/2		1/2	
3/4	150,472	3/4	158,601	3/4	166,730	3/4	174,858	3/4	182,940	3/4		3/4		3/4		3/4		3/4	
2	150,641	2	158,770	2	166,900	2	175,026	2	183,107	2		2		2		2		2	
1/4	150,810	1/4	158,940	1/4	167,069	1/4	175,195	1/4	183,274	1/4		1/4		1/4		1/4		1/4	
1/2	150,980	1/2	159,109	1/2	167,238	1/2	175,364	1/2	183,441	1/2		1/2		1/2		1/2		1/2	
3/4	151,149	3/4	159,278	3/4	167,408	3/4	175,533	3/4	183,608	3/4		3/4		3/4		3/4		3/4	
3	151,318	3	159,448	3	167,577	3	175,701	3	183,775	3		3		3		3		3	
1/4	151,488	1/4	159,617	1/4	167,746	1/4	175,870	1/4	183,942	1/4		1/4		1/4		1/4		1/4	
1/2	151,657	1/2	159,786	1/2	167,916	1/2	176,039	1/2	184,109	1/2		1/2		1/2		1/2		1/2	
3/4	151,826	3/4	159,956	3/4	168,085	3/4	176,208	3/4	184,275	3/4		3/4		3/4		3/4		3/4	
4	151,996	4	160,125	4	168,254	4	176,376	4	184,442	4		4		4		4		4	
1/4	152,165	1/4	160,294	1/4	168,424	1/4	176,545	1/4	184,608	1/4		1/4		1/4		1/4		1/4	
1/2	152,334	1/2	160,464	1/2	168,593	1/2	176,714	1/2	184,773	1/2		1/2		1/2		1/2		1/2	
3/4	152,504	3/4	160,633	3/4	168,762	3/4	176,883	3/4	184,939	3/4		3/4		3/4		3/4		3/4	
5	152,673	5	160,803	5	168,932	5	177,051	5	185,105	5		5		5		5		5	
1/4	152,843	1/4	160,972	1/4	169,101	1/4	177,220	1/4	185,245	1/4		1/4		1/4		1/4		1/4	
1/2	153,012	1/2	161,141	1/2	169,271	1/2	177,389	1/2	185,386	1/2		1/2		1/2		1/2		1/2	
3/4	153,181	3/4	161,311	3/4	169,440	3/4	177,558	3/4	185,527	3/4		3/4		3/4		3/4		3/4	
6	153,351	6	161,480	6	169,609	6	177,726	6	185,668	6		6		6		6		6	
1/4	153,520	1/4	161,649	1/4	169,779	1/4	177,895	1/4	185,756	1/4		1/4		1/4		1/4		1/4	
1/2	153,689	1/2	161,819	1/2	169,948	1/2	178,064	1/2	185,845	1/2		1/2		1/2		1/2		1/2	
3/4	153,859	3/4	161,988	3/4	170,117	3/4	178,233	3/4	185,933	3/4		3/4		3/4		3/4		3/4	
7	154,028	7	162,157	7	170,287	7	178,401	7	186,022	7		7		7		7		7	
1/4	154,197	1/4	162,327	1/4	170,456	1/4	178,570	1/4	186,058	1/4		1/4		1/4		1/4		1/4	
1/2	154,367	1/2	162,496	1/2	170,625	1/2	178,739	1/2	186,095	1/2		1/2		1/2		1/2		1/2	
3/4	154,536	3/4	162,665	3/4	170,795	3/4	178,908	3/4	186,131	3/4		3/4		3/4		3/4		3/4	
8	154,706	8	162,835	8	170,964	8	179,076	8	186,168	8		8		8		8		8	
1/4	154,875	1/4	163,004	1/4	171,134	1/4	179,245	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,044	1/2	163,174	1/2	171,303	1/2	179,414	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,214	3/4	163,343	3/4	171,472	3/4	179,583	3/4		3/4		3/4		3/4		3/4		3/4	
9	155,383	9	163,512	9	171,642	9	179,751	9		9		9		9		9		9	
1/4	155,552	1/4	163,682	1/4	171,811	1/4	179,920	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,722	1/2	163,851	1/2	171,980	1/2	180,089	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,891	3/4	164,020	3/4	172,150	3/4	180,258	3/4		3/4		3/4		3/4		3/4		3/4	
10	156,060	10	164,190	10	172,319	10	180,426	10		10		10		10		10		10	
1/4	156,230	1/4	164,359	1/4	172,488	1/4	180,595	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,399	1/2	164,528	1/2	172,658	1/2	180,764	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,569	3/4	164,698	3/4	172,827	3/4	180,933	3/4		3/4		3/4		3/4		3/4		3/4	
11	156,738	11	164,867	11	172,996	11	181,101	11		11		11		11		11		11	
1/4	156,907	1/4	165,037	1/4	173,166	1/4	181,268	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,077	1/2	165,206	1/2	173,335	1/2	181,436	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,246	3/4	165,375	3/4	173,505	3/4	181,603	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013

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



# BARGE "CBC 384"

## 3 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	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	30,824	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	76,579	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	108,326	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	95,439	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	22,962	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	83,810	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	54,321	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	129,980	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	55,880	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	102,354	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	103,297	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	88,525	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

<http://www.pmacorp.net>



# BARGE "CBC 384"

## 3 STBD INNAGE 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	148,265	0	156,367	0	164,469	0	172,571	0	180,640	0		0		0		0		0	
1/4	148,434	1/4	156,536	1/4	164,638	1/4	172,740	1/4	180,807	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	172,909	1/2	180,973	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	173,078	3/4	181,140	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	148,940	1	157,042	1	165,145	1	173,247	1	181,306	1	1	1	1	1	1	1	1	1	1
1/4	149,109	1/4	157,211	1/4	165,313	1/4	173,415	1/4	181,473	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	173,583	1/2	181,639	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	173,751	3/4	181,806	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	173,919	2	181,973	2	2	2	2	2	2	2	2	2	2
1/4	149,784	1/4	157,886	1/4	165,989	1/4	174,087	1/4	182,139	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	174,256	1/2	182,306	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	174,424	3/4	182,472	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	174,592	3	182,639	3	3	3	3	3	3	3	3	3	3
1/4	150,460	1/4	158,562	1/4	166,664	1/4	174,760	1/4	182,805	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	174,928	1/2	182,971	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	167,001	3/4	175,097	3/4	183,137	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	167,170	4	175,265	4	183,303	4	4	4	4	4	4	4	4	4	4
1/4	151,135	1/4	159,237	1/4	167,339	1/4	175,433	1/4	183,468	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	167,508	1/2	175,601	1/2	183,633	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	167,676	3/4	175,769	3/4	183,798	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	167,845	5	175,937	5	183,963	5	5	5	5	5	5	5	5	5	5
1/4	151,810	1/4	159,912	1/4	168,014	1/4	176,106	1/4	184,104	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	168,183	1/2	176,274	1/2	184,244	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	168,352	3/4	176,442	3/4	184,384	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	168,520	6	176,610	6	184,525	6	6	6	6	6	6	6	6	6	6
1/4	152,485	1/4	160,587	1/4	168,689	1/4	176,778	1/4	184,612	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	168,858	1/2	176,947	1/2	184,700	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	169,027	3/4	177,115	3/4	184,788	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	152,991	7	161,094	7	169,196	7	177,283	7	184,876	7	7	7	7	7	7	7	7	7	7
1/4	153,160	1/4	161,262	1/4	169,364	1/4	177,451	1/4	184,912	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	169,533	1/2	177,619	1/2	184,948	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	169,702	3/4	177,787	3/4	184,984	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	169,871	8	177,956	8	185,020	8	8	8	8	8	8	8	8	8	8
1/4	153,835	1/4	161,937	1/4	170,040	1/4	178,124	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	170,208	1/2	178,292	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	170,377	3/4	178,460	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	170,546	9	178,628	9		9	9	9	9	9	9	9	9	9	9
1/4	154,511	1/4	162,613	1/4	170,715	1/4	178,797	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	162,781	1/2	170,883	1/2	178,965	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,848	3/4	162,950	3/4	171,052	3/4	179,133	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	171,221	10	179,301	10		10	10	10	10	10	10	10	10	10	10
1/4	155,186	1/4	163,288	1/4	171,390	1/4	179,469	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	171,559	1/2	179,637	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	171,727	3/4	179,806	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	171,896	11	179,974	11		11	11	11	11	11	11	11	11	11	11
1/4	155,861	1/4	163,963	1/4	172,065	1/4	180,140	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	172,234	1/2	180,307	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	172,403	3/4	180,474	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: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013

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



# BARGE "CBC 384"

## 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"

April 23, 2013

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 384"

# 1 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.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	208,447	0	193,253	0	178,023	0	162,793	0	147,563	0	132,333	0	117,103	0	101,870		
1/4	1/4	222,242	1/4	208,131	1/4	192,935	1/4	177,705	1/4	162,475	1/4	147,245	1/4	132,015	1/4	116,785	1/4	101,552	1/4		
1/2	1/2	222,060	1/2	207,815	1/2	192,618	1/2	177,388	1/2	162,158	1/2	146,928	1/2	131,698	1/2	116,468	1/2	101,235	1/2		
3/4	3/4	221,878	3/4	207,499	3/4	192,301	3/4	177,071	3/4	161,841	3/4	146,611	3/4	131,381	3/4	116,151	3/4	100,917	3/4		
1		221,696		207,183		191,983		176,753		161,523		146,293		131,064		115,834		100,600			
1/4	1/4	221,514	1/4	206,867	1/4	191,666	1/4	176,436	1/4	161,206	1/4	145,976	1/4	130,746	1/4	115,516	1/4	100,283	1/4		
1/2	1/2	221,280	1/2	206,551	1/2	191,349	1/2	176,119	1/2	160,889	1/2	145,659	1/2	130,429	1/2	115,199	1/2	99,965	1/2		
3/4	3/4	221,046	3/4	206,235	3/4	191,032	3/4	175,802	3/4	160,572	3/4	145,342	3/4	130,112	3/4	114,882	3/4	99,648	3/4		
2		220,813		205,919		190,714		175,484		160,254		145,024		129,794		114,564		99,330			
1/4	1/4	220,579	1/4	205,602	1/4	190,397	1/4	175,167	1/4	159,937	1/4	144,707	1/4	129,477	1/4	114,247	1/4	99,013	1/4		
1/2	1/2	220,292	1/2	205,286	1/2	190,080	1/2	174,850	1/2	159,620	1/2	144,390	1/2	129,160	1/2	113,930	1/2	98,696	1/2		
3/4	3/4	220,006	3/4	204,970	3/4	189,762	3/4	174,532	3/4	159,302	3/4	144,072	3/4	128,842	3/4	113,612	3/4	98,378	3/4		
3		219,719		204,654		189,445		174,215		158,985		143,755		128,525		113,295		98,061			
1/4	1/4	219,432	1/4	204,338	1/4	189,128	1/4	173,898	1/4	158,668	1/4	143,438	1/4	128,208	1/4	112,978	1/4	97,743	1/4		
1/2	1/2	219,121	1/2	204,022	1/2	188,810	1/2	173,580	1/2	158,351	1/2	143,121	1/2	127,891	1/2	112,661	1/2	97,426	1/2		
3/4	3/4	218,809	3/4	203,706	3/4	188,493	3/4	173,263	3/4	158,033	3/4	142,803	3/4	127,573	3/4	112,343	3/4	97,108	3/4		
4		218,497		203,390		188,176		172,946		157,716		142,486		127,256		112,026		96,791			
1/4	1/4	218,186	1/4	203,074	1/4	187,859	1/4	172,629	1/4	157,399	1/4	142,169	1/4	126,939	1/4	111,709	1/4	96,474	1/4		
1/2	1/2	217,873	1/2	202,758	1/2	187,541	1/2	172,311	1/2	157,081	1/2	141,851	1/2	126,621	1/2	111,391	1/2	96,156	1/2		
3/4	3/4	217,560	3/4	202,442	3/4	187,224	3/4	171,994	3/4	156,764	3/4	141,534	3/4	126,304	3/4	111,074	3/4	95,839	3/4		
5		217,248		202,126		186,907		171,677		156,447		141,217		125,987		110,757		95,521			
1/4	1/4	216,935	1/4	201,810	1/4	186,589	1/4	171,359	1/4	156,129	1/4	140,900	1/4	125,670	1/4	110,440	1/4	95,204	1/4		
1/2	1/2	216,622	1/2	201,494	1/2	186,272	1/2	171,042	1/2	155,812	1/2	140,582	1/2	125,352	1/2	110,122	1/2	94,887	1/2		
3/4	3/4	216,309	3/4	201,177	3/4	185,955	3/4	170,725	3/4	155,495	3/4	140,265	3/4	125,035	3/4	109,805	3/4	94,569	3/4		
6		215,996		200,861		185,638		170,408		155,178		139,948		124,718		109,487		94,252			
1/4	1/4	215,682	1/4	200,545	1/4	185,320	1/4	170,090	1/4	154,860	1/4	139,630	1/4	124,400	1/4	109,170	1/4	93,934	1/4		
1/2	1/2	215,369	1/2	200,229	1/2	185,003	1/2	169,773	1/2	154,543	1/2	139,313	1/2	124,083	1/2	108,853	1/2	93,617	1/2		
3/4	3/4	215,056	3/4	199,913	3/4	184,686	3/4	169,456	3/4	154,226	3/4	138,996	3/4	123,766	3/4	108,535	3/4	93,300	3/4		
7		214,743		199,597		184,368		169,138		153,908		138,678		123,449		108,218		92,982			
1/4	1/4	214,430	1/4	199,281	1/4	184,051	1/4	168,821	1/4	153,591	1/4	138,361	1/4	123,131	1/4	107,900	1/4	92,665	1/4		
1/2	1/2	214,117	1/2	198,964	1/2	183,734	1/2	168,504	1/2	153,274	1/2	138,044	1/2	122,814	1/2	107,583	1/2	92,347	1/2		
3/4	3/4	213,804	3/4	198,646	3/4	183,417	3/4	168,187	3/4	152,957	3/4	137,727	3/4	122,497	3/4	107,266	3/4	92,030	3/4		
8		213,490		198,329		183,099		167,869		152,639		137,409		122,179		106,948		91,713			
1/4	1/4	213,177	1/4	198,012	1/4	182,782	1/4	167,552	1/4	152,322	1/4	137,092	1/4	121,862	1/4	106,631	1/4	91,395	1/4		
1/2	1/2	212,864	1/2	197,695	1/2	182,465	1/2	167,235	1/2	152,005	1/2	136,775	1/2	121,545	1/2	106,313	1/2	91,078	1/2		
3/4	3/4	212,551	3/4	197,377	3/4	182,147	3/4	166,917	3/4	151,687	3/4	136,457	3/4	121,227	3/4	105,996	3/4	90,760	3/4		
9		212,238		197,060		181,830		166,600		151,370		136,140		120,910		105,678		90,443			
1/4	1/4	211,925	1/4	196,743	1/4	181,513	1/4	166,283	1/4	151,053	1/4	135,823	1/4	120,593	1/4	105,361	1/4	90,126	1/4		
1/2	1/2	211,608	1/2	196,425	1/2	181,195	1/2	165,966	1/2	150,736	1/2	135,506	1/2	120,276	1/2	105,044	1/2	89,808	1/2		
3/4	3/4	211,292	3/4	196,108	3/4	180,878	3/4	165,648	3/4	150,418	3/4	135,188	3/4	119,958	3/4	104,726	3/4	89,491	3/4		
10		210,976		195,791		180,561		165,331		150,101		134,871		119,641		104,409		89,173			
1/4	1/4	210,660	1/4	195,474	1/4	180,244	1/4	165,014	1/4	149,784	1/4	134,554	1/4	119,324	1/4	104,091	1/4	88,856	1/4		
1/2	1/2	210,344	1/2	195,156	1/2	179,926	1/2	164,696	1/2	149,466	1/2	134,236	1/2	119,006	1/2	103,774	1/2	88,538	1/2		
3/4	3/4	210,028	3/4	194,839	3/4	179,609	3/4	164,379	3/4	149,149	3/4	133,919	3/4	118,689	3/4	103,457	3/4	88,221	3/4		
11		209,711		194,522		179,292		164,062		148,832		133,602		118,372		103,139		87,904			
1/4	1/4	209,395	1/4	194,204	1/4	178,974	1/4	163,744	1/4	148,515	1/4	133,285	1/4	118,055	1/4	102,822	1/4	87,586	1/4		
1/2	1/2	209,079	1/2	193,887	1/2	178,657	1/2	163,427	1/2	148,197	1/2	132,967	1/2	117,737	1/2	102,504	1/2	87,269	1/2		
3/4	3/4	208,763	3/4	193,570	3/4	178,340	3/4	163,110	3/4	147,880	3/4	132,650	3/4	117,420	3/4	102,187	3/4	86,951	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 384"

# 1 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	86,634	0	71,398	0	56,163	0	40,945	0	25,713	0	10,478	0		0		0		0	
1/4	86,317	1/4	71,081	1/4	55,845	1/4	40,628	1/4	25,396	1/4	10,161	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,999	1/2	70,764	1/2	55,528	1/2	40,312	1/2	25,078	1/2	9,843	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,682	3/4	70,446	3/4	55,211	3/4	39,995	3/4	24,761	3/4	9,526	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,364	1	70,129	1	54,893	1	39,678	1	24,443	1	9,208	1	1	1	1	1	1	1	1
1/4	85,047	1/4	69,811	1/4	54,576	1/4	39,361	1/4	24,126	1/4	8,891	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,730	1/2	69,494	1/2	54,258	1/2	39,044	1/2	23,809	1/2	8,574	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,412	3/4	69,177	3/4	53,941	3/4	38,726	3/4	23,491	3/4	8,256	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,095	2	68,859	2	53,624	2	38,409	2	23,174	2	7,939	2	2	2	2	2	2	2	2
1/4	83,777	1/4	68,542	1/4	53,306	1/4	38,091	1/4	22,856	1/4	7,621	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,460	1/2	68,224	1/2	52,989	1/2	37,774	1/2	22,539	1/2	7,304	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,143	3/4	67,907	3/4	52,671	3/4	37,457	3/4	22,222	3/4	6,987	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,825	3	67,590	3	52,354	3	37,139	3	21,904	3	6,669	3	3	3	3	3	3	3	3
1/4	82,508	1/4	67,272	1/4	52,037	1/4	36,822	1/4	21,587	1/4	6,352	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,190	1/2	66,955	1/2	51,720	1/2	36,504	1/2	21,269	1/2	6,035	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,873	3/4	66,637	3/4	51,403	3/4	36,187	3/4	20,952	3/4	5,718	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,555	4	66,320	4	51,086	4	35,870	4	20,635	4	5,401	4	4	4	4	4	4	4	4
1/4	81,238	1/4	66,003	1/4	50,769	1/4	35,552	1/4	20,317	1/4	5,084	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,921	1/2	65,685	1/2	50,452	1/2	35,235	1/2	20,000	1/2	4,768	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,603	3/4	65,368	3/4	50,135	3/4	34,917	3/4	19,682	3/4	4,452	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,286	5	65,050	5	49,818	5	34,600	5	19,365	5	4,137	5	5	5	5	5	5	5	5
1/4	79,968	1/4	64,733	1/4	49,501	1/4	34,283	1/4	19,048	1/4	3,821	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,651	1/2	64,415	1/2	49,185	1/2	33,965	1/2	18,730	1/2	3,503	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,334	3/4	64,098	3/4	48,868	3/4	33,648	3/4	18,413	3/4	3,239	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,016	6	63,781	6	48,551	6	33,330	6	18,095	6	2,948	6	6	6	6	6	6	6	6
1/4	78,699	1/4	63,463	1/4	48,234	1/4	33,013	1/4	17,778	1/4	2,657	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,381	1/2	63,146	1/2	47,917	1/2	32,696	1/2	17,461	1/2	2,419	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,064	3/4	62,828	3/4	47,600	3/4	32,378	3/4	17,143	3/4	2,181	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,747	7	62,511	7	47,283	7	32,061	7	16,826	7	1,943	7	7	7	7	7	7	7	7
1/4	77,429	1/4	62,194	1/4	46,966	1/4	31,743	1/4	16,508	1/4	1,705	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,112	1/2	61,876	1/2	46,649	1/2	31,426	1/2	16,191	1/2	1,520	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,794	3/4	61,559	3/4	46,333	3/4	31,109	3/4	15,874	3/4	1,335	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,477	8	61,241	8	46,016	8	30,791	8	15,556	8	1,150	8	8	8	8	8	8	8	8
1/4	76,160	1/4	60,924	1/4	45,699	1/4	30,474	1/4	15,239	1/4	965	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,842	1/2	60,607	1/2	45,382	1/2	30,156	1/2	14,922	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,525	3/4	60,289	3/4	45,065	3/4	29,839	3/4	14,604	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,207	9	59,972	9	44,748	9	29,522	9	14,287	9		9	9	9	9	9	9	9	9
1/4	74,890	1/4	59,654	1/4	44,431	1/4	29,204	1/4	13,969	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,573	1/2	59,337	1/2	44,114	1/2	28,887	1/2	13,652	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,255	3/4	59,020	3/4	43,797	3/4	28,569	3/4	13,335	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,938	10	58,702	10	43,481	10	28,252	10	13,017	10		10	10	10	10	10	10	10	10
1/4	73,620	1/4	58,385	1/4	43,164	1/4	27,935	1/4	12,700	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,303	1/2	58,067	1/2	42,847	1/2	27,617	1/2	12,382	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,985	3/4	57,750	3/4	42,530	3/4	27,300	3/4	12,065	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,668	11	57,433	11	42,213	11	26,983	11	11,748	11		11	11	11	11	11	11	11	11
1/4	72,351	1/4	57,115	1/4	41,896	1/4	26,665	1/4	11,430	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,033	1/2	56,798	1/2	41,579	1/2	26,348	1/2	11,113	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,716	3/4	56,480	3/4	41,262	3/4	26,030	3/4	10,795	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: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013

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



# BARGE "CBC 384"

# 1 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	209,315	0	194,125	0	178,895	0	163,665	0	148,435	0	133,205	0	117,975	0	102,742
1/4	1/4	1/4	1/4	1/4	208,999	1/4	193,807	1/4	178,577	1/4	163,347	1/4	148,117	1/4	132,887	1/4	117,658	1/4	102,425
1/2	1/2	1/2	1/2	1/2	208,683	1/2	193,490	1/2	178,260	1/2	163,030	1/2	147,800	1/2	132,570	1/2	117,340	1/2	102,107
3/4	3/4	3/4	3/4	3/4	208,367	3/4	193,173	3/4	177,943	3/4	162,713	3/4	147,483	3/4	132,253	3/4	117,023	3/4	101,790
1		1	222,162	1	208,051	1	192,855	1	177,626	1	162,396	1	147,166	1	131,936	1	116,706	1	101,472
1/4	1/4	1/4	221,980	1/4	207,735	1/4	192,538	1/4	177,308	1/4	162,078	1/4	146,848	1/4	131,618	1/4	116,388	1/4	101,155
1/2	1/2	1/2	221,798	1/2	207,419	1/2	192,221	1/2	176,991	1/2	161,761	1/2	146,531	1/2	131,301	1/2	116,071	1/2	100,838
3/4	3/4	3/4	221,616	3/4	207,103	3/4	191,904	3/4	176,674	3/4	161,444	3/4	146,214	3/4	130,984	3/4	115,754	3/4	100,520
2		2	221,434	2	206,787	2	191,586	2	176,356	2	161,126	2	145,896	2	130,666	2	115,436	2	100,203
1/4	1/4	1/4	221,200	1/4	206,471	1/4	191,269	1/4	176,039	1/4	160,809	1/4	145,579	1/4	130,349	1/4	115,119	1/4	99,885
1/2	1/2	1/2	220,967	1/2	206,155	1/2	190,952	1/2	175,722	1/2	160,492	1/2	145,262	1/2	130,032	1/2	114,802	1/2	99,568
3/4	3/4	3/4	220,733	3/4	205,839	3/4	190,634	3/4	175,404	3/4	160,175	3/4	144,945	3/4	129,715	3/4	114,485	3/4	99,251
3		3	220,499	3	205,523	3	190,317	3	175,087	3	159,857	3	144,627	3	129,397	3	114,167	3	98,933
1/4	1/4	1/4	220,212	1/4	205,207	1/4	190,000	1/4	174,770	1/4	159,540	1/4	144,310	1/4	129,080	1/4	113,850	1/4	98,616
1/2	1/2	1/2	219,926	1/2	204,890	1/2	189,683	1/2	174,453	1/2	159,223	1/2	143,993	1/2	128,763	1/2	113,533	1/2	98,298
3/4	3/4	3/4	219,639	3/4	204,574	3/4	189,365	3/4	174,135	3/4	158,905	3/4	143,675	3/4	128,445	3/4	113,215	3/4	97,981
4		4	219,352	4	204,258	4	189,048	4	173,818	4	158,588	4	143,358	4	128,128	4	112,898	4	97,664
1/4	1/4	1/4	219,041	1/4	203,942	1/4	188,731	1/4	173,501	1/4	158,271	1/4	143,041	1/4	127,811	1/4	112,581	1/4	97,346
1/2	1/2	1/2	218,729	1/2	203,626	1/2	188,413	1/2	173,183	1/2	157,953	1/2	142,724	1/2	127,494	1/2	112,264	1/2	97,029
3/4	3/4	3/4	218,418	3/4	203,310	3/4	188,096	3/4	172,866	3/4	157,636	3/4	142,406	3/4	127,176	3/4	111,946	3/4	96,711
5		5	218,106	5	202,994	5	187,779	5	172,549	5	157,319	5	142,089	5	126,859	5	111,629	5	96,394
1/4	1/4	1/4	217,793	1/4	202,678	1/4	187,462	1/4	172,232	1/4	157,002	1/4	141,772	1/4	126,542	1/4	111,312	1/4	96,077
1/2	1/2	1/2	217,480	1/2	202,362	1/2	187,144	1/2	171,914	1/2	156,684	1/2	141,454	1/2	126,224	1/2	110,994	1/2	95,759
3/4	3/4	3/4	217,168	3/4	202,046	3/4	186,827	3/4	171,597	3/4	156,367	3/4	141,137	3/4	125,907	3/4	110,677	3/4	95,442
6		6	216,855	6	201,730	6	186,510	6	171,280	6	156,050	6	140,820	6	125,590	6	110,360	6	95,124
1/4	1/4	1/4	216,542	1/4	201,414	1/4	186,192	1/4	170,962	1/4	155,732	1/4	140,502	1/4	125,273	1/4	110,042	1/4	94,807
1/2	1/2	1/2	216,229	1/2	201,098	1/2	185,875	1/2	170,645	1/2	155,415	1/2	140,185	1/2	124,955	1/2	109,725	1/2	94,489
3/4	3/4	3/4	215,916	3/4	200,782	3/4	185,558	3/4	170,328	3/4	155,098	3/4	139,868	3/4	124,638	3/4	109,408	3/4	94,172
7		7	215,603	7	200,466	7	185,240	7	170,011	7	154,781	7	139,551	7	124,321	7	109,090	7	93,855
1/4	1/4	1/4	215,289	1/4	200,149	1/4	184,923	1/4	169,693	1/4	154,463	1/4	139,233	1/4	124,003	1/4	108,773	1/4	93,537
1/2	1/2	1/2	214,976	1/2	199,833	1/2	184,606	1/2	169,376	1/2	154,146	1/2	138,916	1/2	123,686	1/2	108,455	1/2	93,220
3/4	3/4	3/4	214,663	3/4	199,517	3/4	184,289	3/4	169,059	3/4	153,829	3/4	138,599	3/4	123,369	3/4	108,138	3/4	92,902
8		8	214,350	8	199,201	8	183,971	8	168,741	8	153,511	8	138,281	8	123,051	8	107,821	8	92,585
1/4	1/4	1/4	214,037	1/4	198,884	1/4	183,654	1/4	168,424	1/4	153,194	1/4	137,964	1/4	122,734	1/4	107,503	1/4	92,268
1/2	1/2	1/2	213,724	1/2	198,567	1/2	183,337	1/2	168,107	1/2	152,877	1/2	137,647	1/2	122,417	1/2	107,186	1/2	91,950
3/4	3/4	3/4	213,411	3/4	198,249	3/4	183,019	3/4	167,789	3/4	152,560	3/4	137,330	3/4	122,100	3/4	106,868	3/4	91,633
9		9	213,097	9	197,932	9	182,702	9	167,472	9	152,242	9	137,012	9	121,782	9	106,551	9	91,315
1/4	1/4	1/4	212,784	1/4	197,615	1/4	182,385	1/4	167,155	1/4	151,925	1/4	136,695	1/4	121,465	1/4	106,234	1/4	90,998
1/2	1/2	1/2	212,471	1/2	197,298	1/2	182,068	1/2	166,838	1/2	151,608	1/2	136,378	1/2	121,148	1/2	105,916	1/2	90,681
3/4	3/4	3/4	212,158	3/4	196,980	3/4	181,750	3/4	166,520	3/4	151,290	3/4	136,060	3/4	120,830	3/4	105,599	3/4	90,363
10		10	211,845	10	196,663	10	181,433	10	166,203	10	150,973	10	135,743	10	120,513	10	105,281	10	90,046
1/4	1/4	1/4	211,529	1/4	196,346	1/4	181,116	1/4	165,886	1/4	150,656	1/4	135,426	1/4	120,196	1/4	104,964	1/4	89,728
1/2	1/2	1/2	211,212	1/2	196,028	1/2	180,798	1/2	165,568	1/2	150,338	1/2	135,109	1/2	119,879	1/2	104,647	1/2	89,411
3/4	3/4	3/4	210,896	3/4	195,711	3/4	180,481	3/4	165,251	3/4	150,021	3/4	134,791	3/4	119,561	3/4	104,329	3/4	89,094
11		11	210,580	11	195,394	11	180,164	11	164,934	11	149,704	11	134,474	11	119,244	11	104,012	11	88,776
1/4	1/4	1/4	210,264	1/4	195,077	1/4	179,847	1/4	164,617	1/4	149,387	1/4	134,157	1/4	118,927	1/4	103,694	1/4	88,459
1/2	1/2	1/2	209,948	1/2	194,759	1/2	179,529	1/2	164,299	1/2	149,069	1/2	133,839	1/2	118,609	1/2	103,377	1/2	88,141
3/4	3/4	3/4	209,632	3/4	194,442	3/4	179,212	3/4	163,982	3/4	148,752	3/4	133,522	3/4	118,292	3/4	103,059	3/4	87,824

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 384"

## 1 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	87,506	0	72,271	0	57,035	0	41,876	0	26,665	0	11,430	0		0		0		0	
1/4	87,189	1/4	71,954	1/4	56,718	1/4	41,561	1/4	26,348	1/4	11,113	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,872	1/2	71,636	1/2	56,401	1/2	41,246	1/2	26,030	1/2	10,795	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,554	3/4	71,319	3/4	56,083	3/4	40,930	3/4	25,713	3/4	10,478	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	86,237	1	71,001	1	55,766	1	40,615	1	25,396	1	10,161	1	1	1	1	1	1	1	1
1/4	85,919	1/4	70,684	1/4	55,448	1/4	40,300	1/4	25,078	1/4	9,843	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,602	1/2	70,366	1/2	55,131	1/2	39,985	1/2	24,761	1/2	9,526	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,285	3/4	70,049	3/4	54,814	3/4	39,670	3/4	24,443	3/4	9,208	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,967	2	69,732	2	54,496	2	39,354	2	24,126	2	8,891	2	2	2	2	2	2	2	2
1/4	84,650	1/4	69,414	1/4	54,179	1/4	39,039	1/4	23,809	1/4	8,574	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,332	1/2	69,097	1/2	53,861	1/2	38,723	1/2	23,491	1/2	8,256	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,015	3/4	68,779	3/4	53,544	3/4	38,407	3/4	23,174	3/4	7,939	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	83,698	3	68,462	3	53,226	3	38,091	3	22,856	3	7,621	3	3	3	3	3	3	3	3
1/4	83,380	1/4	68,145	1/4	52,911	1/4	37,774	1/4	22,539	1/4	7,304	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,063	1/2	67,827	1/2	52,595	1/2	37,457	1/2	22,222	1/2	6,987	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,745	3/4	67,510	3/4	52,279	3/4	37,139	3/4	21,904	3/4	6,669	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	82,428	4	67,192	4	51,963	4	36,822	4	21,587	4	6,352	4	4	4	4	4	4	4	4
1/4	82,111	1/4	66,875	1/4	51,648	1/4	36,504	1/4	21,269	1/4	6,035	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,793	1/2	66,558	1/2	51,333	1/2	36,187	1/2	20,952	1/2	5,718	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,476	3/4	66,240	3/4	51,018	3/4	35,870	3/4	20,635	3/4	5,401	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	81,158	5	65,923	5	50,703	5	35,552	5	20,317	5	5,084	5	5	5	5	5	5	5	5
1/4	80,841	1/4	65,605	1/4	50,387	1/4	35,235	1/4	20,000	1/4	4,768	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,524	1/2	65,288	1/2	50,072	1/2	34,917	1/2	19,682	1/2	4,452	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,206	3/4	64,971	3/4	49,757	3/4	34,600	3/4	19,365	3/4	4,137	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,889	6	64,653	6	49,442	6	34,283	6	19,048	6	3,821	6	6	6	6	6	6	6	6
1/4	79,571	1/4	64,336	1/4	49,126	1/4	33,965	1/4	18,730	1/4	3,503	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,254	1/2	64,018	1/2	48,811	1/2	33,648	1/2	18,413	1/2	3,239	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,936	3/4	63,701	3/4	48,496	3/4	33,330	3/4	18,095	3/4	2,948	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	78,619	7	63,384	7	48,181	7	33,013	7	17,778	7	2,657	7	7	7	7	7	7	7	7
1/4	78,302	1/4	63,066	1/4	47,865	1/4	32,696	1/4	17,461	1/4	2,419	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,984	1/2	62,749	1/2	47,550	1/2	32,378	1/2	17,143	1/2	2,181	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,667	3/4	62,431	3/4	47,235	3/4	32,061	3/4	16,826	3/4	1,943	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	77,349	8	62,114	8	46,920	8	31,743	8	16,508	8	1,705	8	8	8	8	8	8	8	8
1/4	77,032	1/4	61,796	1/4	46,605	1/4	31,426	1/4	16,191	1/4	1,520	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,715	1/2	61,479	1/2	46,289	1/2	31,109	1/2	15,874	1/2	1,335	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,397	3/4	61,162	3/4	45,974	3/4	30,791	3/4	15,556	3/4	1,150	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	76,080	9	60,844	9	45,659	9	30,474	9	15,239	9	965	9	9	9	9	9	9	9	9
1/4	75,762	1/4	60,527	1/4	45,344	1/4	30,156	1/4	14,922	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,445	1/2	60,209	1/2	45,028	1/2	29,839	1/2	14,604	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,128	3/4	59,892	3/4	44,713	3/4	29,522	3/4	14,287	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	74,810	10	59,575	10	44,398	10	29,204	10	13,969	10		10	10	10	10	10	10	10	10
1/4	74,493	1/4	59,257	1/4	44,083	1/4	28,887	1/4	13,652	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,175	1/2	58,940	1/2	43,768	1/2	28,569	1/2	13,335	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,858	3/4	58,622	3/4	43,452	3/4	28,252	3/4	13,017	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	73,541	11	58,305	11	43,137	11	27,935	11	12,700	11		11	11	11	11	11	11	11	11
1/4	73,223	1/4	57,988	1/4	42,822	1/4	27,617	1/4	12,382	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,906	1/2	57,670	1/2	42,507	1/2	27,300	1/2	12,065	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,588	3/4	57,353	3/4	42,191	3/4	26,983	3/4	11,748	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: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013

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



# BARGE "CBC 384"

## 2 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.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	207,697	0	192,558	0	177,382	0	162,207	0	147,032	0	131,857	0	116,682	0	101,503		
1/4	1/4	221,443	1/4	207,382	1/4	192,241	1/4	177,066	1/4	161,891	1/4	146,716	1/4	131,541	1/4	116,365	1/4	101,187			
1/2	1/2	221,261	1/2	207,067	1/2	191,925	1/2	176,750	1/2	161,575	1/2	146,400	1/2	131,224	1/2	116,049	1/2	100,871			
3/4	3/4	221,080	3/4	206,753	3/4	191,609	3/4	176,434	3/4	161,259	3/4	146,084	3/4	130,908	3/4	115,733	3/4	100,554			
1		1		1	206,438	1	191,293	1	176,118	1	160,943	1	145,767	1	130,592	1	115,417	1	100,238		
1/4	1/4	220,717	1/4	206,123	1/4	190,977	1/4	175,802	1/4	160,626	1/4	145,451	1/4	130,276	1/4	115,101	1/4	99,922			
1/2	1/2	220,484	1/2	205,808	1/2	190,661	1/2	175,485	1/2	160,310	1/2	145,135	1/2	129,960	1/2	114,785	1/2	99,606			
3/4	3/4	220,251	3/4	205,493	3/4	190,344	3/4	175,169	3/4	159,994	3/4	144,819	3/4	129,644	3/4	114,469	3/4	99,289			
2		2		2	205,178	2	190,028	2	174,853	2	159,678	2	144,503	2	129,328	2	114,152	2	98,973		
1/4	1/4	219,785	1/4	204,863	1/4	189,712	1/4	174,537	1/4	159,362	1/4	144,187	1/4	129,011	1/4	113,836	1/4	98,657			
1/2	1/2	219,500	1/2	204,548	1/2	189,396	1/2	174,221	1/2	159,046	1/2	143,870	1/2	128,695	1/2	113,520	1/2	98,341			
3/4	3/4	219,214	3/4	204,233	3/4	189,080	3/4	173,905	3/4	158,730	3/4	143,554	3/4	128,379	3/4	113,204	3/4	98,024			
3		3		3	203,918	3	188,764	3	173,589	3	158,413	3	143,238	3	128,063	3	112,888	3	97,708		
1/4	1/4	218,643	1/4	203,603	1/4	188,448	1/4	173,272	1/4	158,097	1/4	142,922	1/4	127,747	1/4	112,572	1/4	97,392			
1/2	1/2	218,332	1/2	203,288	1/2	188,131	1/2	172,956	1/2	157,781	1/2	142,606	1/2	127,431	1/2	112,255	1/2	97,076			
3/4	3/4	218,022	3/4	202,973	3/4	187,815	3/4	172,640	3/4	157,465	3/4	142,290	3/4	127,115	3/4	111,939	3/4	96,759			
4		4		4	202,658	4	187,499	4	172,324	4	157,149	4	141,974	4	126,798	4	111,623	4	96,443		
1/4	1/4	217,401	1/4	202,344	1/4	187,183	1/4	172,008	1/4	156,833	1/4	141,657	1/4	126,482	1/4	111,307	1/4	96,127			
1/2	1/2	217,089	1/2	202,029	1/2	186,867	1/2	171,692	1/2	156,516	1/2	141,341	1/2	126,166	1/2	110,991	1/2	95,810			
3/4	3/4	216,778	3/4	201,714	3/4	186,551	3/4	171,376	3/4	156,200	3/4	141,025	3/4	125,850	3/4	110,675	3/4	95,494			
5		5		5	216,466	5	201,399	5	186,235	5	171,059	5	155,884	5	140,709	5	125,534	5	110,359	5	95,178
1/4	1/4	216,154	1/4	201,084	1/4	185,918	1/4	170,743	1/4	155,568	1/4	140,393	1/4	125,218	1/4	110,042	1/4	94,862			
1/2	1/2	215,842	1/2	200,769	1/2	185,602	1/2	170,427	1/2	155,252	1/2	140,077	1/2	124,901	1/2	109,726	1/2	94,545			
3/4	3/4	215,530	3/4	200,454	3/4	185,286	3/4	170,111	3/4	154,936	3/4	139,761	3/4	124,585	3/4	109,410	3/4	94,229			
6		6		6	215,219	6	200,139	6	184,970	6	169,795	6	154,620	6	139,444	6	124,269	6	109,094	6	93,913
1/4	1/4	214,907	1/4	199,824	1/4	184,654	1/4	169,479	1/4	154,303	1/4	139,128	1/4	123,953	1/4	108,777	1/4	93,597			
1/2	1/2	214,595	1/2	199,509	1/2	184,338	1/2	169,162	1/2	153,987	1/2	138,812	1/2	123,637	1/2	108,461	1/2	93,280			
3/4	3/4	214,283	3/4	199,194	3/4	184,022	3/4	168,846	3/4	153,671	3/4	138,496	3/4	123,321	3/4	108,145	3/4	92,964			
7		7		7	213,970	7	198,879	7	183,705	7	168,530	7	153,355	7	138,180	7	123,005	7	107,829	7	92,648
1/4	1/4	213,658	1/4	198,564	1/4	183,389	1/4	168,214	1/4	153,039	1/4	137,864	1/4	122,688	1/4	107,512	1/4	92,332			
1/2	1/2	213,346	1/2	198,248	1/2	183,073	1/2	167,898	1/2	152,723	1/2	137,547	1/2	122,372	1/2	107,196	1/2	92,015			
3/4	3/4	213,034	3/4	197,932	3/4	182,757	3/4	167,582	3/4	152,407	3/4	137,231	3/4	122,056	3/4	106,880	3/4	91,699			
8		8		8	212,722	8	197,616	8	182,441	8	167,266	8	152,090	8	136,915	8	121,740	8	106,564	8	91,383
1/4	1/4	212,410	1/4	197,300	1/4	182,125	1/4	166,949	1/4	151,774	1/4	136,599	1/4	121,424	1/4	106,247	1/4	91,066			
1/2	1/2	212,098	1/2	196,984	1/2	181,808	1/2	166,633	1/2	151,458	1/2	136,283	1/2	121,108	1/2	105,931	1/2	90,750			
3/4	3/4	211,786	3/4	196,667	3/4	181,492	3/4	166,317	3/4	151,142	3/4	135,967	3/4	120,792	3/4	105,615	3/4	90,434			
9		9		9	211,474	9	196,351	9	181,176	9	166,001	9	150,826	9	135,651	9	120,475	9	105,298	9	90,118
1/4	1/4	211,162	1/4	196,035	1/4	180,860	1/4	165,685	1/4	150,510	1/4	135,334	1/4	120,159	1/4	104,982	1/4	89,801			
1/2	1/2	210,847	1/2	195,719	1/2	180,544	1/2	165,369	1/2	150,193	1/2	135,018	1/2	119,843	1/2	104,666	1/2	89,485			
3/4	3/4	210,532	3/4	195,403	3/4	180,228	3/4	165,053	3/4	149,877	3/4	134,702	3/4	119,527	3/4	104,350	3/4	89,169			
10		10		10	210,217	10	195,087	10	179,912	10	164,736	10	149,561	10	134,386	10	119,211	10	104,033	10	88,853
1/4	1/4	209,902	1/4	194,771	1/4	179,595	1/4	164,420	1/4	149,245	1/4	134,070	1/4	118,895	1/4	103,717	1/4	88,536			
1/2	1/2	209,587	1/2	194,454	1/2	179,279	1/2	164,104	1/2	148,929	1/2	133,754	1/2	118,578	1/2	103,401	1/2	88,220			
3/4	3/4	209,272	3/4	194,138	3/4	178,963	3/4	163,788	3/4	148,613	3/4	133,438	3/4	118,262	3/4	103,085	3/4	87,904			
11		11		11	208,957	11	193,822	11	178,647	11	163,472	11	148,297	11	133,121	11	117,946	11	102,768	11	87,588
1/4	1/4	208,642	1/4	193,506	1/4	178,331	1/4	163,156	1/4	147,980	1/4	132,805	1/4	117,630	1/4	102,452	1/4	87,271			
1/2	1/2	208,327	1/2	193,190	1/2	178,015	1/2	162,839	1/2	147,664	1/2	132,489	1/2	117,314	1/2	102,136	1/2	86,955			
3/4	3/4	208,012	3/4	192,874	3/4	177,699	3/4	162,523	3/4	147,348	3/4	132,173	3/4	116,998	3/4	101,820	3/4	86,639			

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 384"

## 2 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	86,322	0	71,142	0	55,961	0	40,798	0	25,621	0	10,440	0		0		0		0	
1/4	86,006	1/4	70,825	1/4	55,645	1/4	40,482	1/4	25,304	1/4	10,124	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,690	1/2	70,509	1/2	55,328	1/2	40,167	1/2	24,988	1/2	9,808	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,374	3/4	70,193	3/4	55,012	3/4	39,851	3/4	24,672	3/4	9,492	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,057	1	69,877	1	54,696	1	39,535	1	24,355	1	9,175	1	1	1	1	1	1	1	1
1/4	84,741	1/4	69,560	1/4	54,380	1/4	39,219	1/4	24,039	1/4	8,859	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,425	1/2	69,244	1/2	54,063	1/2	38,903	1/2	23,723	1/2	8,543	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,109	3/4	68,928	3/4	53,747	3/4	38,587	3/4	23,407	3/4	8,227	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,792	2	68,612	2	53,431	2	38,271	2	23,090	2	7,910	2	2	2	2	2	2	2	2
1/4	83,476	1/4	68,295	1/4	53,115	1/4	37,954	1/4	22,774	1/4	7,594	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,160	1/2	67,979	1/2	52,798	1/2	37,638	1/2	22,458	1/2	7,278	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,844	3/4	67,663	3/4	52,482	3/4	37,322	3/4	22,142	3/4	6,962	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,527	3	67,346	3	52,166	3	37,006	3	21,825	3	6,645	3	3	3	3	3	3	3	3
1/4	82,211	1/4	67,030	1/4	51,849	1/4	36,689	1/4	21,509	1/4	6,329	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,895	1/2	66,714	1/2	51,533	1/2	36,373	1/2	21,193	1/2	6,013	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,578	3/4	66,398	3/4	51,218	3/4	36,057	3/4	20,877	3/4	5,698	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,262	4	66,081	4	50,902	4	35,741	4	20,560	4	5,382	4	4	4	4	4	4	4	4
1/4	80,946	1/4	65,765	1/4	50,586	1/4	35,424	1/4	20,244	1/4	5,066	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,630	1/2	65,449	1/2	50,271	1/2	35,108	1/2	19,928	1/2	4,751	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,313	3/4	65,133	3/4	49,955	3/4	34,792	3/4	19,612	3/4	4,436	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,997	5	64,816	5	49,639	5	34,476	5	19,295	5	4,122	5	5	5	5	5	5	5	5
1/4	79,681	1/4	64,500	1/4	49,323	1/4	34,159	1/4	18,979	1/4	3,807	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,365	1/2	64,184	1/2	49,008	1/2	33,843	1/2	18,663	1/2	3,517	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,048	3/4	63,868	3/4	48,692	3/4	33,527	3/4	18,347	3/4	3,227	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,732	6	63,551	6	48,376	6	33,211	6	18,030	6	2,938	6	6	6	6	6	6	6	6
1/4	78,416	1/4	63,235	1/4	48,060	1/4	32,894	1/4	17,714	1/4	2,648	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,100	1/2	62,919	1/2	47,745	1/2	32,578	1/2	17,398	1/2	2,411	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,783	3/4	62,603	3/4	47,429	3/4	32,262	3/4	17,082	3/4	2,173	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,467	7	62,286	7	47,113	7	31,946	7	16,765	7	1,936	7	7	7	7	7	7	7	7
1/4	77,151	1/4	61,970	1/4	46,797	1/4	31,629	1/4	16,449	1/4	1,699	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,834	1/2	61,654	1/2	46,482	1/2	31,313	1/2	16,133	1/2	1,515	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,518	3/4	61,337	3/4	46,166	3/4	30,997	3/4	15,817	3/4	1,330	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,202	8	61,021	8	45,850	8	30,681	8	15,500	8	1,146	8	8	8	8	8	8	8	8
1/4	75,886	1/4	60,705	1/4	45,534	1/4	30,364	1/4	15,184	1/4	961	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,569	1/2	60,389	1/2	45,219	1/2	30,048	1/2	14,868	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,253	3/4	60,072	3/4	44,903	3/4	29,732	3/4	14,552	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,937	9	59,756	9	44,587	9	29,416	9	14,235	9		9	9	9	9	9	9	9	9
1/4	74,621	1/4	59,440	1/4	44,271	1/4	29,099	1/4	13,919	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,304	1/2	59,124	1/2	43,956	1/2	28,783	1/2	13,603	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,988	3/4	58,807	3/4	43,640	3/4	28,467	3/4	13,287	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,672	10	58,491	10	43,324	10	28,151	10	12,970	10		10	10	10	10	10	10	10	10
1/4	73,356	1/4	58,175	1/4	43,008	1/4	27,834	1/4	12,654	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,039	1/2	57,859	1/2	42,693	1/2	27,518	1/2	12,338	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,723	3/4	57,542	3/4	42,377	3/4	27,202	3/4	12,022	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,407	11	57,226	11	42,061	11	26,886	11	11,705	11		11	11	11	11	11	11	11	11
1/4	72,090	1/4	56,910	1/4	41,745	1/4	26,569	1/4	11,389	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,774	1/2	56,593	1/2	41,430	1/2	26,253	1/2	11,073	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,458	3/4	56,277	3/4	41,114	3/4	25,937	3/4	10,757	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: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013

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



# BARGE "CBC 384"

## 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		IN	
0		0		0	207,950	0	192,816	0	177,642	0	162,469	0	147,295	0	132,122	0	116,949	0	101,773		
1/4	1/4	1/4	1/4	1/4	207,635	1/4	192,499	1/4	177,326	1/4	162,153	1/4	146,979	1/4	131,806	1/4	116,633	1/4	101,456		
1/2	1/2	1/2	1/2	1/2	207,320	1/2	192,183	1/2	177,010	1/2	161,837	1/2	146,663	1/2	131,490	1/2	116,316	1/2	101,140		
3/4	3/4	3/4	3/4	3/4	207,005	3/4	191,867	3/4	176,694	3/4	161,520	3/4	146,347	3/4	131,174	3/4	116,000	3/4	100,824		
1		1	220,749	1	206,690	1	191,551	1	176,378	1	161,204	1	146,031	1	130,858	1	115,684	1	100,508		
1/4	1/4	1/4	220,568	1/4	206,375	1/4	191,235	1/4	176,062	1/4	160,888	1/4	145,715	1/4	130,542	1/4	115,368	1/4	100,191		
1/2	1/2	1/2	220,386	1/2	206,061	1/2	190,919	1/2	175,746	1/2	160,572	1/2	145,399	1/2	130,225	1/2	115,052	1/2	99,875		
3/4	3/4	3/4	220,205	3/4	205,746	3/4	190,603	3/4	175,429	3/4	160,256	3/4	145,083	3/4	129,909	3/4	114,736	3/4	99,559		
2		2	220,023	2	205,431	2	190,287	2	175,113	2	159,940	2	144,767	2	129,593	2	114,420	2	99,243		
1/4	1/4	1/4	219,790	1/4	205,116	1/4	189,971	1/4	174,797	1/4	159,624	1/4	144,450	1/4	129,277	1/4	114,104	1/4	98,927		
1/2	1/2	1/2	219,558	1/2	204,801	1/2	189,654	1/2	174,481	1/2	159,308	1/2	144,134	1/2	128,961	1/2	113,788	1/2	98,610		
3/4	3/4	3/4	219,325	3/4	204,486	3/4	189,338	3/4	174,165	3/4	158,992	3/4	143,818	3/4	128,645	3/4	113,471	3/4	98,294		
3		3	219,092	3	204,171	3	189,022	3	173,849	3	158,675	3	143,502	3	128,329	3	113,155	3	97,978		
1/4	1/4	1/4	218,806	1/4	203,856	1/4	188,706	1/4	173,533	1/4	158,359	1/4	143,186	1/4	128,013	1/4	112,839	1/4	97,662		
1/2	1/2	1/2	218,521	1/2	203,541	1/2	188,390	1/2	173,217	1/2	158,043	1/2	142,870	1/2	127,697	1/2	112,523	1/2	97,345		
3/4	3/4	3/4	218,235	3/4	203,226	3/4	188,074	3/4	172,901	3/4	157,727	3/4	142,554	3/4	127,380	3/4	112,207	3/4	97,029		
4		4	217,950	4	202,912	4	187,758	4	172,584	4	157,411	4	142,238	4	127,064	4	111,891	4	96,713		
1/4	1/4	1/4	217,639	1/4	202,597	1/4	187,442	1/4	172,268	1/4	157,095	1/4	141,922	1/4	126,748	1/4	111,575	1/4	96,397		
1/2	1/2	1/2	217,329	1/2	202,282	1/2	187,126	1/2	171,952	1/2	156,779	1/2	141,605	1/2	126,432	1/2	111,259	1/2	96,080		
3/4	3/4	3/4	217,018	3/4	201,967	3/4	186,809	3/4	171,636	3/4	156,463	3/4	141,289	3/4	126,116	3/4	110,943	3/4	95,764		
5		5	216,708	5	201,652	5	186,493	5	171,320	5	156,147	5	140,973	5	125,800	5	110,626	5	95,448		
1/4	1/4	1/4	216,396	1/4	201,337	1/4	186,177	1/4	171,004	1/4	155,830	1/4	140,657	1/4	125,484	1/4	110,310	1/4	95,132		
1/2	1/2	1/2	216,084	1/2	201,022	1/2	185,861	1/2	170,688	1/2	155,514	1/2	140,341	1/2	125,168	1/2	109,994	1/2	94,816		
3/4	3/4	3/4	215,773	3/4	200,707	3/4	185,545	3/4	170,372	3/4	155,198	3/4	140,025	3/4	124,852	3/4	109,678	3/4	94,499		
6		6	215,461	6	200,392	6	185,229	6	170,056	6	154,882	6	139,709	6	124,535	6	109,362	6	94,183		
1/4	1/4	1/4	215,149	1/4	200,078	1/4	184,913	1/4	169,739	1/4	154,566	1/4	139,393	1/4	124,219	1/4	109,046	1/4	93,867		
1/2	1/2	1/2	214,837	1/2	199,763	1/2	184,597	1/2	169,423	1/2	154,250	1/2	139,077	1/2	123,903	1/2	108,730	1/2	93,551		
3/4	3/4	3/4	214,526	3/4	199,448	3/4	184,281	3/4	169,107	3/4	153,934	3/4	138,760	3/4	123,587	3/4	108,413	3/4	93,234		
7		7	214,214	7	199,133	7	183,964	7	168,791	7	153,618	7	138,444	7	123,271	7	108,097	7	92,918		
1/4	1/4	1/4	213,902	1/4	198,818	1/4	183,648	1/4	168,475	1/4	153,302	1/4	138,128	1/4	122,955	1/4	107,781	1/4	92,602		
1/2	1/2	1/2	213,590	1/2	198,503	1/2	183,332	1/2	168,159	1/2	152,985	1/2	137,812	1/2	122,639	1/2	107,465	1/2	92,286		
3/4	3/4	3/4	213,278	3/4	198,188	3/4	183,016	3/4	167,843	3/4	152,669	3/4	137,496	3/4	122,323	3/4	107,148	3/4	91,969		
8		8	212,966	8	197,873	8	182,700	8	167,527	8	152,353	8	137,180	8	122,007	8	106,832	8	91,653		
1/4	1/4	1/4	212,654	1/4	197,557	1/4	182,384	1/4	167,210	1/4	152,037	1/4	136,864	1/4	121,690	1/4	106,516	1/4	91,337		
1/2	1/2	1/2	212,342	1/2	197,241	1/2	182,068	1/2	166,894	1/2	151,721	1/2	136,548	1/2	121,374	1/2	106,200	1/2	91,021		
3/4	3/4	3/4	212,030	3/4	196,925	3/4	181,752	3/4	166,578	3/4	151,405	3/4	136,232	3/4	121,058	3/4	105,884	3/4	90,705		
9		9	211,718	9	196,609	9	181,436	9	166,262	9	151,089	9	135,915	9	120,742	9	105,567	9	90,388		
1/4	1/4	1/4	211,406	1/4	196,293	1/4	181,119	1/4	165,946	1/4	150,773	1/4	135,599	1/4	120,426	1/4	105,251	1/4	90,072		
1/2	1/2	1/2	211,094	1/2	195,977	1/2	180,803	1/2	165,630	1/2	150,457	1/2	135,283	1/2	120,110	1/2	104,935	1/2	89,756		
3/4	3/4	3/4	210,782	3/4	195,661	3/4	180,487	3/4	165,314	3/4	150,140	3/4	134,967	3/4	119,794	3/4	104,619	3/4	89,440		
10		10	210,470	10	195,344	10	180,171	10	164,998	10	149,824	10	134,651	10	119,478	10	104,302	10	89,123		
1/4	1/4	1/4	210,155	1/4	195,028	1/4	179,855	1/4	164,682	1/4	149,508	1/4	134,335	1/4	119,162	1/4	103,986	1/4	88,807		
1/2	1/2	1/2	209,840	1/2	194,712	1/2	179,539	1/2	164,365	1/2	149,192	1/2	134,019	1/2	118,845	1/2	103,670	1/2	88,491		
3/4	3/4	3/4	209,525	3/4	194,396	3/4	179,223	3/4	164,049	3/4	148,876	3/4	133,703	3/4	118,529	3/4	103,354	3/4	88,175		
11		11	209,210	11	194,080	11	178,907	11	163,733	11	148,560	11	133,387	11	118,213	11	103,037	11	87,859		
1/4	1/4	1/4	208,895	1/4	193,764	1/4	178,591	1/4	163,417	1/4	148,244	1/4	133,070	1/4	117,897	1/4	102,721	1/4	87,542		
1/2	1/2	1/2	208,580	1/2	193,448	1/2	178,274	1/2	163,101	1/2	147,928	1/2	132,754	1/2	117,581	1/2	102,405	1/2	87,226		
3/4	3/4	3/4	208,265	3/4	193,132	3/4	177,958	3/4	162,785	3/4	147,612	3/4	132,438	3/4	117,265	3/4	102,089	3/4	86,910		

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 384"

## 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	86,594	0	71,415	0	56,236	0	41,574	0	26,566	0	11,388	0		0		0		0	
1/4	86,277	1/4	71,098	1/4	55,919	1/4	41,272	1/4	26,250	1/4	11,071	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,961	1/2	70,782	1/2	55,603	1/2	40,970	1/2	25,934	1/2	10,755	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,645	3/4	70,466	3/4	55,287	3/4	40,668	3/4	25,617	3/4	10,439	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,329	1	70,150	1	54,971	1	40,366	1	25,301	1	10,123	1	1	1	1	1	1	1	1
1/4	85,012	1/4	69,833	1/4	54,655	1/4	40,065	1/4	24,985	1/4	9,807	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,696	1/2	69,517	1/2	54,338	1/2	39,763	1/2	24,669	1/2	9,490	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,380	3/4	69,201	3/4	54,022	3/4	39,461	3/4	24,353	3/4	9,174	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,064	2	68,885	2	53,706	2	39,159	2	24,036	2	8,858	2	2	2	2	2	2	2	2
1/4	83,748	1/4	68,569	1/4	53,390	1/4	38,857	1/4	23,720	1/4	8,542	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,431	1/2	68,252	1/2	53,073	1/2	38,554	1/2	23,404	1/2	8,226	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,115	3/4	67,936	3/4	52,757	3/4	38,252	3/4	23,088	3/4	7,909	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,799	3	67,620	3	52,441	3	37,950	3	22,771	3	7,593	3	3	3	3	3	3	3	3
1/4	82,483	1/4	67,304	1/4	52,139	1/4	37,634	1/4	22,455	1/4	7,277	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,166	1/2	66,987	1/2	51,836	1/2	37,317	1/2	22,139	1/2	6,961	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,850	3/4	66,671	3/4	51,534	3/4	37,001	3/4	21,823	3/4	6,645	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,534	4	66,355	4	51,232	4	36,685	4	21,507	4	6,328	4	4	4	4	4	4	4	4
1/4	81,218	1/4	66,039	1/4	50,930	1/4	36,369	1/4	21,190	1/4	6,013	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,901	1/2	65,723	1/2	50,628	1/2	36,053	1/2	20,874	1/2	5,697	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,585	3/4	65,406	3/4	50,326	3/4	35,736	3/4	20,558	3/4	5,381	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,269	5	65,090	5	50,024	5	35,420	5	20,242	5	5,065	5	5	5	5	5	5	5	5
1/4	79,953	1/4	64,774	1/4	49,723	1/4	35,104	1/4	19,926	1/4	4,751	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,637	1/2	64,458	1/2	49,421	1/2	34,788	1/2	19,609	1/2	4,436	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,320	3/4	64,141	3/4	49,119	3/4	34,471	3/4	19,293	3/4	4,121	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,004	6	63,825	6	48,817	6	34,155	6	18,977	6	3,806	6	6	6	6	6	6	6	6
1/4	78,688	1/4	63,509	1/4	48,515	1/4	33,839	1/4	18,661	1/4	3,517	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,372	1/2	63,193	1/2	48,213	1/2	33,523	1/2	18,344	1/2	3,227	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,055	3/4	62,876	3/4	47,912	3/4	33,207	3/4	18,028	3/4	2,937	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,739	7	62,560	7	47,610	7	32,890	7	17,712	7	2,647	7	7	7	7	7	7	7	7
1/4	77,423	1/4	62,244	1/4	47,308	1/4	32,574	1/4	17,396	1/4	2,410	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,107	1/2	61,928	1/2	47,006	1/2	32,258	1/2	17,080	1/2	2,173	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,791	3/4	61,612	3/4	46,704	3/4	31,942	3/4	16,763	3/4	1,936	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,474	8	61,295	8	46,403	8	31,626	8	16,447	8	1,699	8	8	8	8	8	8	8	8
1/4	76,158	1/4	60,979	1/4	46,101	1/4	31,309	1/4	16,131	1/4	1,514	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,842	1/2	60,663	1/2	45,799	1/2	30,993	1/2	15,815	1/2	1,330	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,526	3/4	60,347	3/4	45,497	3/4	30,677	3/4	15,499	3/4	1,146	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,209	9	60,030	9	45,195	9	30,361	9	15,182	9	961	9	9	9	9	9	9	9	9
1/4	74,893	1/4	59,714	1/4	44,894	1/4	30,044	1/4	14,866	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,577	1/2	59,398	1/2	44,592	1/2	29,728	1/2	14,550	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,261	3/4	59,082	3/4	44,290	3/4	29,412	3/4	14,234	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,944	10	58,765	10	43,988	10	29,096	10	13,917	10		10	10	10	10	10	10	10	10
1/4	73,628	1/4	58,449	1/4	43,686	1/4	28,780	1/4	13,601	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,312	1/2	58,133	1/2	43,384	1/2	28,463	1/2	13,285	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,996	3/4	57,817	3/4	43,083	3/4	28,147	3/4	12,969	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,680	11	57,501	11	42,781	11	27,831	11	12,653	11		11	11	11	11	11	11	11	11
1/4	72,363	1/4	57,184	1/4	42,479	1/4	27,515	1/4	12,336	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,047	1/2	56,868	1/2	42,177	1/2	27,199	1/2	12,020	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,731	3/4	56,552	3/4	41,875	3/4	26,882	3/4	11,704	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: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013



# BARGE "CBC 384"

# 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.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	179,245	0	171,134	0	163,004	0	154,875	0	146,313	0	131,279	0	116,192	0	101,080		
1/4	1/4	186,168	1/4	179,076	1/4	170,964	1/4	162,835	1/4	154,706	1/4	146,000	1/4	130,965	1/4	115,877	1/4	100,765			
1/2	1/2	186,131	1/2	178,908	1/2	170,795	1/2	162,665	1/2	154,536	1/2	145,686	1/2	130,651	1/2	115,562	1/2	100,450			
3/4	3/4	186,095	3/4	178,739	3/4	170,625	3/4	162,496	3/4	154,367	3/4	145,373	3/4	130,336	3/4	115,248	3/4	100,135			
1		186,058	1	178,570	1	170,456	1	162,327	1	154,197	1	145,059	1	130,022	1	114,933	1	99,820			
1/4	1/4	186,022	1/4	178,401	1/4	170,287	1/4	162,157	1/4	154,028	1/4	144,746	1/4	129,708	1/4	114,618	1/4	99,505			
1/2	1/2	185,933	1/2	178,233	1/2	170,117	1/2	161,988	1/2	153,859	1/2	144,432	1/2	129,393	1/2	114,303	1/2	99,190			
3/4	3/4	185,845	3/4	178,064	3/4	169,948	3/4	161,819	3/4	153,689	3/4	144,119	3/4	129,079	3/4	113,988	3/4	98,876			
2		185,756	2	177,895	2	169,779	2	161,649	2	153,520	2	143,805	2	128,765	2	113,674	2	98,561			
1/4	1/4	185,668	1/4	177,726	1/4	169,609	1/4	161,480	1/4	153,351	1/4	143,492	1/4	128,451	1/4	113,359	1/4	98,246			
1/2	1/2	185,527	1/2	177,558	1/2	169,440	1/2	161,311	1/2	153,181	1/2	143,178	1/2	128,136	1/2	113,044	1/2	97,931			
3/4	3/4	185,386	3/4	177,389	3/4	169,271	3/4	161,141	3/4	153,012	3/4	142,865	3/4	127,822	3/4	112,729	3/4	97,616			
3		185,245	3	177,220	3	169,101	3	160,972	3	152,843	3	142,551	3	127,508	3	112,414	3	97,301			
1/4	1/4	185,105	1/4	177,051	1/4	168,932	1/4	160,803	1/4	152,673	1/4	142,238	1/4	127,194	1/4	112,100	1/4	96,986			
1/2	1/2	184,939	1/2	176,883	1/2	168,762	1/2	160,633	1/2	152,504	1/2	141,924	1/2	126,879	1/2	111,785	1/2	96,672			
3/4	3/4	184,773	3/4	176,714	3/4	168,593	3/4	160,464	3/4	152,334	3/4	141,611	3/4	126,565	3/4	111,470	3/4	96,357			
4		184,608	4	176,545	4	168,424	4	160,294	4	152,165	4	141,297	4	126,251	4	111,155	4	96,042			
1/4	1/4	184,442	1/4	176,376	1/4	168,254	1/4	160,125	1/4	151,996	1/4	140,984	1/4	125,936	1/4	110,840	1/4	95,727			
1/2	1/2	184,275	1/2	176,208	1/2	168,085	1/2	159,956	1/2	151,826	1/2	140,670	1/2	125,622	1/2	110,526	1/2	95,412			
3/4	3/4	184,109	3/4	176,039	3/4	167,916	3/4	159,786	3/4	151,657	3/4	140,357	3/4	125,308	3/4	110,211	3/4	95,097			
5		183,942	5	175,870	5	167,746	5	159,617	5	151,488	5	140,043	5	124,994	5	109,896	5	94,782			
1/4	1/4	183,775	1/4	175,701	1/4	167,577	1/4	159,448	1/4	151,318	1/4	139,730	1/4	124,679	1/4	109,581	1/4	94,467			
1/2	1/2	183,608	1/2	175,533	1/2	167,408	1/2	159,278	1/2	151,149	1/2	139,417	1/2	124,365	1/2	109,266	1/2	94,153			
3/4	3/4	183,441	3/4	175,364	3/4	167,238	3/4	159,109	3/4	150,980	3/4	139,104	3/4	124,051	3/4	108,951	3/4	93,838			
6		183,274	6	175,195	6	167,069	6	158,940	6	150,810	6	138,791	6	123,737	6	108,636	6	93,523			
1/4	1/4	183,107	1/4	175,026	1/4	166,900	1/4	158,770	1/4	150,641	1/4	138,479	1/4	123,422	1/4	108,322	1/4	93,208			
1/2	1/2	182,940	1/2	174,858	1/2	166,730	1/2	158,601	1/2	150,472	1/2	138,166	1/2	123,108	1/2	108,007	1/2	92,893			
3/4	3/4	182,773	3/4	174,689	3/4	166,561	3/4	158,431	3/4	150,302	3/4	137,853	3/4	122,794	3/4	107,692	3/4	92,578			
7		182,606	7	174,520	7	166,391	7	158,262	7	150,133	7	137,540	7	122,479	7	107,377	7	92,263			
1/4	1/4	182,438	1/4	174,351	1/4	166,222	1/4	158,093	1/4	149,963	1/4	137,227	1/4	122,165	1/4	107,062	1/4	91,949			
1/2	1/2	182,271	1/2	174,182	1/2	166,053	1/2	157,923	1/2	149,794	1/2	136,914	1/2	121,851	1/2	106,747	1/2	91,634			
3/4	3/4	182,104	3/4	174,013	3/4	165,883	3/4	157,754	3/4	149,625	3/4	136,602	3/4	121,537	3/4	106,432	3/4	91,319			
8		181,937	8	173,843	8	165,714	8	157,585	8	149,455	8	136,289	8	121,222	8	106,118	8	91,004			
1/4	1/4	181,770	1/4	173,674	1/4	165,545	1/4	157,415	1/4	149,286	1/4	135,976	1/4	120,908	1/4	105,803	1/4	90,689			
1/2	1/2	181,603	1/2	173,505	1/2	165,375	1/2	157,246	1/2	149,117	1/2	135,663	1/2	120,594	1/2	105,488	1/2	90,374			
3/4	3/4	181,436	3/4	173,335	3/4	165,206	3/4	157,077	3/4	148,947	3/4	135,350	3/4	120,280	3/4	105,173	3/4	90,059			
9		181,268	9	173,166	9	165,037	9	156,907	9	148,778	9	135,037	9	119,965	9	104,858	9	89,744			
1/4	1/4	181,101	1/4	172,996	1/4	164,867	1/4	156,738	1/4	148,609	1/4	134,725	1/4	119,651	1/4	104,543	1/4	89,430			
1/2	1/2	180,933	1/2	172,827	1/2	164,698	1/2	156,569	1/2	148,439	1/2	134,412	1/2	119,337	1/2	104,228	1/2	89,115			
3/4	3/4	180,764	3/4	172,658	3/4	164,528	3/4	156,399	3/4	148,270	3/4	134,099	3/4	119,022	3/4	103,913	3/4	88,800			
10		180,595	10	172,488	10	164,359	10	156,230	10	148,100	10	133,786	10	118,708	10	103,599	10	88,485			
1/4	1/4	180,426	1/4	172,319	1/4	164,190	1/4	156,060	1/4	147,931	1/4	133,473	1/4	118,394	1/4	103,284	1/4	88,170			
1/2	1/2	180,258	1/2	172,150	1/2	164,020	1/2	155,891	1/2	147,762	1/2	133,160	1/2	118,080	1/2	102,969	1/2	87,855			
3/4	3/4	180,089	3/4	171,980	3/4	163,851	3/4	155,722	3/4	147,592	3/4	132,848	3/4	117,765	3/4	102,654	3/4	87,540			
11		179,920	11	171,811	11	163,682	11	155,552	11	147,423	11	132,535	11	117,451	11	102,339	11	87,226			
1/4	1/4	179,751	1/4	171,642	1/4	163,512	1/4	155,383	1/4	147,254	1/4	132,222	1/4	117,137	1/4	102,024	1/4	86,911			
1/2	1/2	179,583	1/2	171,472	1/2	163,343	1/2	155,214	1/2	146,940	1/2	131,908	1/2	116,822	1/2	101,709	1/2	86,596			
3/4	3/4	179,414	3/4	171,303	3/4	163,174	3/4	155,044	3/4	146,627	3/4	131,593	3/4	116,507	3/4	101,395	3/4	86,281			

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 384"

## 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	85,966	0	70,849	0	55,732	0	40,627	0	25,513	0	10,397	0		0		0		0	
1/4	85,651	1/4	70,534	1/4	55,417	1/4	40,313	1/4	25,199	1/4	10,082	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,336	1/2	70,219	1/2	55,102	1/2	39,998	1/2	24,884	1/2	9,767	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,021	3/4	69,904	3/4	54,787	3/4	39,683	3/4	24,569	3/4	9,452	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,706	1	69,589	1	54,472	1	39,369	1	24,254	1	9,137	1	1	1	1	1	1	1	1
1/4	84,391	1/4	69,274	1/4	54,157	1/4	39,054	1/4	23,939	1/4	8,822	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,076	1/2	68,959	1/2	53,842	1/2	38,740	1/2	23,624	1/2	8,507	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,762	3/4	68,644	3/4	53,527	3/4	38,425	3/4	23,309	3/4	8,192	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,447	2	68,329	2	53,212	2	38,110	2	22,994	2	7,877	2	2	2	2	2	2	2	2
1/4	83,132	1/4	68,014	1/4	52,897	1/4	37,796	1/4	22,679	1/4	7,562	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,817	1/2	67,699	1/2	52,582	1/2	37,481	1/2	22,364	1/2	7,248	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,502	3/4	67,384	3/4	52,267	3/4	37,166	3/4	22,049	3/4	6,933	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,187	3	67,070	3	51,952	3	36,851	3	21,734	3	6,618	3	3	3	3	3	3	3	3
1/4	81,872	1/4	66,755	1/4	51,637	1/4	36,536	1/4	21,419	1/4	6,303	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,557	1/2	66,440	1/2	51,322	1/2	36,221	1/2	21,104	1/2	5,988	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,242	3/4	66,125	3/4	51,008	3/4	35,906	3/4	20,790	3/4	5,674	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,927	4	65,810	4	50,693	4	35,591	4	20,475	4	5,359	4	4	4	4	4	4	4	4
1/4	80,612	1/4	65,495	1/4	50,378	1/4	35,276	1/4	20,160	1/4	5,045	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,297	1/2	65,180	1/2	50,063	1/2	34,961	1/2	19,845	1/2	4,731	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,982	3/4	64,865	3/4	49,749	3/4	34,646	3/4	19,530	3/4	4,418	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,667	5	64,550	5	49,434	5	34,332	5	19,215	5	4,105	5	5	5	5	5	5	5	5
1/4	79,352	1/4	64,235	1/4	49,120	1/4	34,017	1/4	18,900	1/4	3,791	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,037	1/2	63,920	1/2	48,805	1/2	33,702	1/2	18,585	1/2	3,503	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,722	3/4	63,605	3/4	48,491	3/4	33,387	3/4	18,270	3/4	3,214	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,407	6	63,290	6	48,176	6	33,072	6	17,955	6	2,925	6	6	6	6	6	6	6	6
1/4	78,093	1/4	62,975	1/4	47,862	1/4	32,757	1/4	17,640	1/4	2,637	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,778	1/2	62,660	1/2	47,547	1/2	32,442	1/2	17,325	1/2	2,401	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,463	3/4	62,345	3/4	47,233	3/4	32,127	3/4	17,010	3/4	2,164	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,148	7	62,030	7	46,918	7	31,812	7	16,695	7	1,928	7	7	7	7	7	7	7	7
1/4	76,833	1/4	61,715	1/4	46,603	1/4	31,497	1/4	16,380	1/4	1,692	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,518	1/2	61,401	1/2	46,289	1/2	31,182	1/2	16,066	1/2	1,508	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,203	3/4	61,086	3/4	45,974	3/4	30,867	3/4	15,751	3/4	1,325	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,888	8	60,771	8	45,660	8	30,552	8	15,436	8	1,141	8	8	8	8	8	8	8	8
1/4	75,573	1/4	60,456	1/4	45,345	1/4	30,237	1/4	15,121	1/4	957	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,258	1/2	60,141	1/2	45,031	1/2	29,922	1/2	14,806	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,943	3/4	59,826	3/4	44,716	3/4	29,608	3/4	14,491	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,628	9	59,511	9	44,402	9	29,293	9	14,176	9		9	9	9	9	9	9	9	9
1/4	74,313	1/4	59,196	1/4	44,087	1/4	28,978	1/4	13,861	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,998	1/2	58,881	1/2	43,773	1/2	28,663	1/2	13,546	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,683	3/4	58,566	3/4	43,458	3/4	28,348	3/4	13,231	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,368	10	58,251	10	43,143	10	28,033	10	12,916	10		10	10	10	10	10	10	10	10
1/4	73,053	1/4	57,936	1/4	42,829	1/4	27,718	1/4	12,601	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,739	1/2	57,621	1/2	42,514	1/2	27,403	1/2	12,286	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,424	3/4	57,306	3/4	42,200	3/4	27,088	3/4	11,971	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,109	11	56,991	11	41,885	11	26,773	11	11,657	11		11	11	11	11	11	11	11	11
1/4	71,794	1/4	56,676	1/4	41,571	1/4	26,458	1/4	11,342	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,479	1/2	56,361	1/2	41,256	1/2	26,143	1/2	11,027	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,164	3/4	56,047	3/4	40,942	3/4	25,828	3/4	10,712	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: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013

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



# BARGE "CBC 384"

## 3 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	178,628	0	170,546	0	162,444	0	154,342	0	146,240	0	131,234	0	116,183	0	101,097
1/4	1/4	1/4	1/4	1/4	178,460	1/4	170,377	1/4	162,275	1/4	154,173	1/4	145,927	1/4	130,921	1/4	115,869	1/4	100,783
1/2	1/2	1/2	1/2	1/2	178,292	1/2	170,208	1/2	162,106	1/2	154,004	1/2	145,614	1/2	130,607	1/2	115,555	1/2	100,469
3/4	3/4	3/4	3/4	3/4	178,124	3/4	170,040	3/4	161,937	3/4	153,835	3/4	145,301	3/4	130,293	3/4	115,240	3/4	100,154
1		1	185,020	1	177,956	1	169,871	1	161,769	1	153,667	1	144,988	1	129,980	1	114,926	1	99,840
1/4	1/4	1/4	184,984	1/4	177,787	1/4	169,702	1/4	161,600	1/4	153,498	1/4	144,675	1/4	129,666	1/4	114,612	1/4	99,526
1/2	1/2	1/2	184,948	1/2	177,619	1/2	169,533	1/2	161,431	1/2	153,329	1/2	144,362	1/2	129,352	1/2	114,297	1/2	99,211
3/4	3/4	3/4	184,912	3/4	177,451	3/4	169,364	3/4	161,262	3/4	153,160	3/4	144,049	3/4	129,038	3/4	113,983	3/4	98,897
2		2	184,876	2	177,283	2	169,196	2	161,094	2	152,991	2	143,736	2	128,725	2	113,669	2	98,583
1/4	1/4	1/4	184,788	1/4	177,115	1/4	169,027	1/4	160,925	1/4	152,823	1/4	143,423	1/4	128,411	1/4	113,355	1/4	98,268
1/2	1/2	1/2	184,700	1/2	176,947	1/2	168,858	1/2	160,756	1/2	152,654	1/2	143,110	1/2	128,098	1/2	113,040	1/2	97,954
3/4	3/4	3/4	184,612	3/4	176,778	3/4	168,689	3/4	160,587	3/4	152,485	3/4	142,797	3/4	127,784	3/4	112,726	3/4	97,640
3		3	184,525	3	176,610	3	168,520	3	160,418	3	152,316	3	142,485	3	127,471	3	112,412	3	97,325
1/4	1/4	1/4	184,384	1/4	176,442	1/4	168,352	1/4	160,250	1/4	152,148	1/4	142,172	1/4	127,158	1/4	112,098	1/4	97,011
1/2	1/2	1/2	184,244	1/2	176,274	1/2	168,183	1/2	160,081	1/2	151,979	1/2	141,859	1/2	126,844	1/2	111,783	1/2	96,697
3/4	3/4	3/4	184,104	3/4	176,106	3/4	168,014	3/4	159,912	3/4	151,810	3/4	141,546	3/4	126,531	3/4	111,469	3/4	96,382
4		4	183,963	4	175,937	4	167,845	4	159,743	4	151,641	4	141,233	4	126,217	4	111,155	4	96,068
1/4	1/4	1/4	183,798	1/4	175,769	1/4	167,676	1/4	159,574	1/4	151,472	1/4	140,920	1/4	125,904	1/4	110,841	1/4	95,754
1/2	1/2	1/2	183,633	1/2	175,601	1/2	167,508	1/2	159,406	1/2	151,304	1/2	140,607	1/2	125,591	1/2	110,526	1/2	95,439
3/4	3/4	3/4	183,468	3/4	175,433	3/4	167,339	3/4	159,237	3/4	151,135	3/4	140,294	3/4	125,277	3/4	110,212	3/4	95,125
5		5	183,303	5	175,265	5	167,170	5	159,068	5	150,966	5	139,981	5	124,964	5	109,898	5	94,811
1/4	1/4	1/4	183,137	1/4	175,097	1/4	167,001	1/4	158,899	1/4	150,797	1/4	139,668	1/4	124,650	1/4	109,584	1/4	94,497
1/2	1/2	1/2	182,971	1/2	174,928	1/2	166,832	1/2	158,730	1/2	150,628	1/2	139,355	1/2	124,337	1/2	109,269	1/2	94,182
3/4	3/4	3/4	182,805	3/4	174,760	3/4	166,664	3/4	158,562	3/4	150,460	3/4	139,042	3/4	124,024	3/4	108,955	3/4	93,868
6		6	182,639	6	174,592	6	166,495	6	158,393	6	150,291	6	138,729	6	123,710	6	108,641	6	93,554
1/4	1/4	1/4	182,472	1/4	174,424	1/4	166,326	1/4	158,224	1/4	150,122	1/4	138,417	1/4	123,397	1/4	108,326	1/4	93,239
1/2	1/2	1/2	182,306	1/2	174,256	1/2	166,157	1/2	158,055	1/2	149,953	1/2	138,105	1/2	123,083	1/2	108,012	1/2	92,925
3/4	3/4	3/4	182,139	3/4	174,087	3/4	165,989	3/4	157,886	3/4	149,784	3/4	137,792	3/4	122,770	3/4	107,698	3/4	92,611
7		7	181,973	7	173,919	7	165,820	7	157,718	7	149,616	7	137,480	7	122,456	7	107,384	7	92,296
1/4	1/4	1/4	181,806	1/4	173,751	1/4	165,651	1/4	157,549	1/4	149,447	1/4	137,168	1/4	122,143	1/4	107,069	1/4	91,982
1/2	1/2	1/2	181,639	1/2	173,583	1/2	165,482	1/2	157,380	1/2	149,278	1/2	136,856	1/2	121,830	1/2	106,755	1/2	91,668
3/4	3/4	3/4	181,473	3/4	173,415	3/4	165,313	3/4	157,211	3/4	149,109	3/4	136,543	3/4	121,516	3/4	106,441	3/4	91,353
8		8	181,306	8	173,247	8	165,145	8	157,042	8	148,940	8	136,231	8	121,203	8	106,126	8	91,039
1/4	1/4	1/4	181,140	1/4	173,078	1/4	164,976	1/4	156,874	1/4	148,772	1/4	135,919	1/4	120,889	1/4	105,812	1/4	90,725
1/2	1/2	1/2	180,973	1/2	172,909	1/2	164,807	1/2	156,705	1/2	148,603	1/2	135,606	1/2	120,575	1/2	105,498	1/2	90,410
3/4	3/4	3/4	180,807	3/4	172,740	3/4	164,638	3/4	156,536	3/4	148,434	3/4	135,294	3/4	120,262	3/4	105,183	3/4	90,096
9		9	180,640	9	172,571	9	164,469	9	156,367	9	148,265	9	134,982	9	119,948	9	104,869	9	89,782
1/4	1/4	1/4	180,474	1/4	172,403	1/4	164,301	1/4	156,199	1/4	148,096	1/4	134,670	1/4	119,634	1/4	104,555	1/4	89,467
1/2	1/2	1/2	180,307	1/2	172,234	1/2	164,132	1/2	156,030	1/2	147,928	1/2	134,357	1/2	119,321	1/2	104,240	1/2	89,153
3/4	3/4	3/4	180,140	3/4	172,065	3/4	163,963	3/4	155,861	3/4	147,759	3/4	134,045	3/4	119,007	3/4	103,926	3/4	88,839
10		10	179,974	10	171,896	10	163,794	10	155,692	10	147,590	10	133,733	10	118,693	10	103,612	10	88,525
1/4	1/4	1/4	179,806	1/4	171,727	1/4	163,625	1/4	155,523	1/4	147,421	1/4	133,420	1/4	118,379	1/4	103,297	1/4	88,210
1/2	1/2	1/2	179,637	1/2	171,559	1/2	163,457	1/2	155,355	1/2	147,253	1/2	133,108	1/2	118,066	1/2	102,983	1/2	87,896
3/4	3/4	3/4	179,469	3/4	171,390	3/4	163,288	3/4	155,186	3/4	147,084	3/4	132,796	3/4	117,752	3/4	102,669	3/4	87,582
11		11	179,301	11	171,221	11	163,119	11	155,017	11	146,915	11	132,484	11	117,438	11	102,354	11	87,267
1/4	1/4	1/4	179,133	1/4	171,052	1/4	162,950	1/4	154,848	1/4	146,746	1/4	132,171	1/4	117,124	1/4	102,040	1/4	86,953
1/2	1/2	1/2	178,965	1/2	170,883	1/2	162,781	1/2	154,679	1/2	146,577	1/2	131,859	1/2	116,811	1/2	101,726	1/2	86,639
3/4	3/4	3/4	178,797	3/4	170,715	3/4	162,613	3/4	154,511	3/4	146,409	3/4	131,547	3/4	116,497	3/4	101,412	3/4	86,324

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 384"

## 3 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	86,010	0	70,919	0	55,880	0	41,195	0	26,422	0	11,327	0		0		0		0	
1/4	85,696	1/4	70,605	1/4	55,569	1/4	40,894	1/4	26,107	1/4	11,012	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,381	1/2	70,291	1/2	55,257	1/2	40,594	1/2	25,793	1/2	10,698	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,067	3/4	69,976	3/4	54,945	3/4	40,294	3/4	25,478	3/4	10,383	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,753	1	69,662	1	54,633	1	39,993	1	25,164	1	10,069	1	1	1	1	1	1	1	1
1/4	84,438	1/4	69,347	1/4	54,321	1/4	39,693	1/4	24,849	1/4	9,754	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,124	1/2	69,033	1/2	54,010	1/2	39,393	1/2	24,535	1/2	9,440	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,810	3/4	68,719	3/4	53,698	3/4	39,092	3/4	24,220	3/4	9,125	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,495	2	68,404	2	53,386	2	38,792	2	23,906	2	8,811	2	2	2	2	2	2	2	2
1/4	83,181	1/4	68,090	1/4	53,074	1/4	38,492	1/4	23,591	1/4	8,496	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,866	1/2	67,776	1/2	52,763	1/2	38,191	1/2	23,277	1/2	8,182	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,552	3/4	67,461	3/4	52,451	3/4	37,891	3/4	22,962	3/4	7,868	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,238	3	67,147	3	52,139	3	37,590	3	22,648	3	7,553	3	3	3	3	3	3	3	3
1/4	81,923	1/4	66,832	1/4	51,828	1/4	37,289	1/4	22,334	1/4	7,239	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,609	1/2	66,518	1/2	51,517	1/2	36,988	1/2	22,019	1/2	6,924	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,294	3/4	66,204	3/4	51,206	3/4	36,686	3/4	21,705	3/4	6,610	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,980	4	65,889	4	50,894	4	36,385	4	21,390	4	6,295	4	4	4	4	4	4	4	4
1/4	80,666	1/4	65,575	1/4	50,583	1/4	36,084	1/4	21,076	1/4	5,981	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,351	1/2	65,260	1/2	50,273	1/2	35,782	1/2	20,761	1/2	5,667	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,037	3/4	64,946	3/4	49,962	3/4	35,481	3/4	20,447	3/4	5,352	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,722	5	64,632	5	49,651	5	35,179	5	20,132	5	5,038	5	5	5	5	5	5	5	5
1/4	79,408	1/4	64,317	1/4	49,338	1/4	34,877	1/4	19,818	1/4	4,725	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,094	1/2	64,003	1/2	49,026	1/2	34,574	1/2	19,503	1/2	4,412	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,779	3/4	63,688	3/4	48,714	3/4	34,272	3/4	19,189	3/4	4,099	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,465	6	63,374	6	48,402	6	33,969	6	18,874	6	3,786	6	6	6	6	6	6	6	6
1/4	78,150	1/4	63,060	1/4	48,101	1/4	33,655	1/4	18,560	1/4	3,498	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,836	1/2	62,745	1/2	47,801	1/2	33,340	1/2	18,245	1/2	3,211	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,522	3/4	62,431	3/4	47,501	3/4	33,026	3/4	17,931	3/4	2,923	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,207	7	62,116	7	47,200	7	32,711	7	17,616	7	2,635	7	7	7	7	7	7	7	7
1/4	76,893	1/4	61,805	1/4	46,900	1/4	32,397	1/4	17,302	1/4	2,400	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,579	1/2	61,493	1/2	46,600	1/2	32,082	1/2	16,987	1/2	2,164	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,264	3/4	61,181	3/4	46,300	3/4	31,768	3/4	16,673	3/4	1,928	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,950	8	60,869	8	45,999	8	31,453	8	16,358	8	1,692	8	8	8	8	8	8	8	8
1/4	75,635	1/4	60,557	1/4	45,699	1/4	31,139	1/4	16,044	1/4	1,509	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,321	1/2	60,246	1/2	45,399	1/2	30,824	1/2	15,729	1/2	1,325	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,007	3/4	59,934	3/4	45,098	3/4	30,510	3/4	15,415	3/4	1,141	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,692	9	59,622	9	44,798	9	30,196	9	15,101	9	958	9	9	9	9	9	9	9	9
1/4	74,378	1/4	59,310	1/4	44,498	1/4	29,881	1/4	14,786	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,063	1/2	58,998	1/2	44,197	1/2	29,567	1/2	14,472	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,749	3/4	58,687	3/4	43,897	3/4	29,252	3/4	14,157	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,435	10	58,375	10	43,597	10	28,938	10	13,843	10		10	10	10	10	10	10	10	10
1/4	73,120	1/4	58,063	1/4	43,297	1/4	28,623	1/4	13,528	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,806	1/2	57,751	1/2	42,996	1/2	28,309	1/2	13,214	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,491	3/4	57,439	3/4	42,696	3/4	27,994	3/4	12,899	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,177	11	57,128	11	42,396	11	27,680	11	12,585	11		11	11	11	11	11	11	11	11
1/4	71,863	1/4	56,816	1/4	42,095	1/4	27,365	1/4	12,270	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,548	1/2	56,504	1/2	41,795	1/2	27,051	1/2	11,956	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,234	3/4	56,192	3/4	41,495	3/4	26,736	3/4	11,641	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: 04/23/2013 CL - SW  
CALCULATED: 04/23/2013 CL  
PRINTED: 04/23/2013 CL

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2013