



# BARGE "CBC 374"

## 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	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
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"

January 10, 2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 374"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	964	0	15,230	0	30,456	0	45,671	0	60,888	0	76,114	0	91,340	0	106,567	0	121,789	0	137,010
1/4	1,149	1/4	15,547	1/4	30,773	1/4	45,988	1/4	61,205	1/4	76,431	1/4	91,658	1/4	106,884	1/4	122,106	1/4	137,327
1/2	1,334	1/2	15,864	1/2	31,090	1/2	46,305	1/2	61,522	1/2	76,748	1/2	91,975	1/2	107,201	1/2	122,423	1/2	137,644
3/4	1,519	3/4	16,181	3/4	31,407	3/4	46,621	3/4	61,839	3/4	77,066	3/4	92,292	3/4	107,518	3/4	122,740	3/4	137,961
1	1,704	1	16,499	1	31,724	1	46,938	1	62,156	1	77,383	1	92,609	1	107,836	1	123,057	1	138,278
1/4	1,942	1/4	16,816	1/4	32,042	1/4	47,255	1/4	62,474	1/4	77,700	1/4	92,926	1/4	108,153	1/4	123,375	1/4	138,595
1/2	2,180	1/2	17,133	1/2	32,359	1/2	47,572	1/2	62,791	1/2	78,017	1/2	93,244	1/2	108,470	1/2	123,692	1/2	138,913
3/4	2,418	3/4	17,450	3/4	32,676	3/4	47,888	3/4	63,108	3/4	78,334	3/4	93,561	3/4	108,787	3/4	124,009	3/4	139,230
2	2,656	2	17,767	2	32,993	2	48,205	2	63,425	2	78,652	2	93,878	2	109,105	2	124,326	2	139,547
1/4	2,946	1/4	18,085	1/4	33,310	1/4	48,522	1/4	63,742	1/4	78,969	1/4	94,195	1/4	109,422	1/4	124,643	1/4	139,864
1/2	3,237	1/2	18,402	1/2	33,628	1/2	48,838	1/2	64,060	1/2	79,286	1/2	94,513	1/2	109,739	1/2	124,960	1/2	140,181
3/4	3,528	3/4	18,719	3/4	33,945	3/4	49,155	3/4	64,377	3/4	79,603	3/4	94,830	3/4	110,056	3/4	125,277	3/4	140,498
3	3,818	3	19,036	3	34,262	3	49,472	3	64,694	3	79,921	3	95,147	3	110,373	3	125,594	3	140,815
1/4	4,134	1/4	19,353	1/4	34,579	1/4	49,788	1/4	65,011	1/4	80,238	1/4	95,464	1/4	110,691	1/4	125,911	1/4	141,132
1/2	4,450	1/2	19,671	1/2	34,896	1/2	50,105	1/2	65,329	1/2	80,555	1/2	95,781	1/2	111,008	1/2	126,228	1/2	141,449
3/4	4,765	3/4	19,988	3/4	35,214	3/4	50,422	3/4	65,646	3/4	80,872	3/4	96,099	3/4	111,325	3/4	126,546	3/4	141,766
4	5,081	4	20,305	4	35,531	4	50,739	4	65,963	4	81,189	4	96,416	4	111,642	4	126,863	4	142,084
1/4	5,398	1/4	20,622	1/4	35,848	1/4	51,055	1/4	66,280	1/4	81,507	1/4	96,733	1/4	111,959	1/4	127,180	1/4	142,401
1/2	5,715	1/2	20,939	1/2	36,165	1/2	51,372	1/2	66,597	1/2	81,824	1/2	97,050	1/2	112,276	1/2	127,497	1/2	142,718
3/4	6,031	3/4	21,257	3/4	36,482	3/4	51,689	3/4	66,915	3/4	82,141	3/4	97,368	3/4	112,593	3/4	127,814	3/4	143,035
5	6,348	5	21,574	5	36,800	5	52,005	5	67,232	5	82,458	5	97,685	5	112,910	5	128,131	5	143,352
1/4	6,665	1/4	21,891	1/4	37,117	1/4	52,323	1/4	67,549	1/4	82,776	1/4	98,002	1/4	113,227	1/4	128,448	1/4	143,669
1/2	6,983	1/2	22,208	1/2	37,434	1/2	52,640	1/2	67,866	1/2	83,093	1/2	98,319	1/2	113,544	1/2	128,765	1/2	143,986
3/4	7,300	3/4	22,525	3/4	37,751	3/4	52,957	3/4	68,184	3/4	83,410	3/4	98,636	3/4	113,862	3/4	129,082	3/4	144,303
6	7,617	6	22,843	6	38,069	6	53,274	6	68,501	6	83,727	6	98,954	6	114,179	6	129,399	6	144,620
1/4	7,934	1/4	23,160	1/4	38,386	1/4	53,591	1/4	68,818	1/4	84,044	1/4	99,271	1/4	114,496	1/4	129,717	1/4	144,937
1/2	8,251	1/2	23,477	1/2	38,703	1/2	53,909	1/2	69,135	1/2	84,362	1/2	99,588	1/2	114,813	1/2	130,034	1/2	145,255
3/4	8,568	3/4	23,794	3/4	39,020	3/4	54,226	3/4	69,452	3/4	84,679	3/4	99,905	3/4	115,130	3/4	130,351	3/4	145,572
7	8,886	7	24,112	7	39,337	7	54,543	7	69,770	7	84,996	7	100,222	7	115,447	7	130,668	7	145,889
1/4	9,203	1/4	24,429	1/4	39,654	1/4	54,860	1/4	70,087	1/4	85,313	1/4	100,540	1/4	115,764	1/4	130,985	1/4	146,206
1/2	9,520	1/2	24,746	1/2	39,971	1/2	55,178	1/2	70,404	1/2	85,630	1/2	100,857	1/2	116,081	1/2	131,302	1/2	146,523
3/4	9,837	3/4	25,063	3/4	40,287	3/4	55,495	3/4	70,721	3/4	85,948	3/4	101,174	3/4	116,398	3/4	131,619	3/4	146,840
8	10,154	8	25,380	8	40,604	8	55,812	8	71,038	8	86,265	8	101,491	8	116,715	8	131,936	8	147,157
1/4	10,472	1/4	25,698	1/4	40,921	1/4	56,129	1/4	71,356	1/4	86,582	1/4	101,809	1/4	117,033	1/4	132,253	1/4	147,474
1/2	10,789	1/2	26,015	1/2	41,238	1/2	56,446	1/2	71,673	1/2	86,899	1/2	102,126	1/2	117,350	1/2	132,570	1/2	147,791
3/4	11,106	3/4	26,332	3/4	41,554	3/4	56,764	3/4	71,990	3/4	87,217	3/4	102,443	3/4	117,667	3/4	132,888	3/4	148,108
9	11,423	9	26,649	9	41,871	9	57,081	9	72,307	9	87,534	9	102,760	9	117,984	9	133,205	9	148,426
1/4	11,741	1/4	26,966	1/4	42,188	1/4	57,398	1/4	72,625	1/4	87,851	1/4	103,077	1/4	118,301	1/4	133,522	1/4	148,743
1/2	12,058	1/2	27,284	1/2	42,504	1/2	57,715	1/2	72,942	1/2	88,168	1/2	103,395	1/2	118,618	1/2	133,839	1/2	149,060
3/4	12,375	3/4	27,601	3/4	42,821	3/4	58,033	3/4	73,259	3/4	88,485	3/4	103,712	3/4	118,935	3/4	134,156	3/4	149,377
10	12,692	10	27,918	10	43,138	10	58,350	10	73,576	10	88,803	10	104,029	10	119,252	10	134,473	10	149,694
1/4	13,009	1/4	28,235	1/4	43,454	1/4	58,667	1/4	73,893	1/4	89,120	1/4	104,346	1/4	119,569	1/4	134,790	1/4	150,011
1/2	13,327	1/2	28,552	1/2	43,771	1/2	58,984	1/2	74,211	1/2	89,437	1/2	104,664	1/2	119,886	1/2	135,107	1/2	150,328
3/4	13,644	3/4	28,870	3/4	44,088	3/4	59,301	3/4	74,528	3/4	89,754	3/4	104,981	3/4	120,204	3/4	135,424	3/4	150,645
11	13,961	11	29,187	11	44,405	11	59,619	11	74,845	11	90,072	11	105,298	11	120,521	11	135,742	11	150,962
1/4	14,278	1/4	29,504	1/4	44,721	1/4	59,936	1/4	75,162	1/4	90,389	1/4	105,615	1/4	120,838	1/4	136,059	1/4	151,279
1/2	14,595	1/2	29,821	1/2	45,038	1/2	60,253	1/2	75,480	1/2	90,706	1/2	105,932	1/2	121,155	1/2	136,376	1/2	151,597
3/4	14,913	3/4	30,138	3/4	45,355	3/4	60,570	3/4	75,797	3/4	91,023	3/4	106,250	3/4	121,472	3/4	136,693	3/4	151,914

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "CBC 374"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,231	0	167,452	0	182,672	0	197,893	0	213,049	0		0		0		0		0	
1/4	152,548	1/4	167,769	1/4	182,990	1/4	198,210	1/4	213,362	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,865	1/2	168,086	1/2	183,307	1/2	198,527	1/2	213,675	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,182	3/4	168,403	3/4	183,624	3/4	198,845	3/4	213,988	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,499	1	168,720	1	183,941	1	199,162	1	214,301	1	1	1	1	1	1	1	1	1	1
1/4	153,816	1/4	169,037	1/4	184,258	1/4	199,478	1/4	214,614	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,133	1/2	169,354	1/2	184,575	1/2	199,793	1/2	214,927	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,450	3/4	169,671	3/4	184,892	3/4	200,109	3/4	215,240	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,768	2	169,988	2	185,209	2	200,425	2	215,553	2	2	2	2	2	2	2	2	2	2
1/4	155,085	1/4	170,306	1/4	185,526	1/4	200,741	1/4	215,866	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,402	1/2	170,623	1/2	185,843	1/2	201,057	1/2	216,179	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,719	3/4	170,940	3/4	186,161	3/4	201,373	3/4	216,492	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	156,036	3	171,257	3	186,478	3	201,689	3	216,805	3	3	3	3	3	3	3	3	3	3
1/4	156,353	1/4	171,574	1/4	186,795	1/4	202,005	1/4	217,117	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,670	1/2	171,891	1/2	187,112	1/2	202,320	1/2	217,430	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,987	3/4	172,208	3/4	187,429	3/4	202,636	3/4	217,743	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,304	4	172,525	4	187,746	4	202,952	4	218,055	4	4	4	4	4	4	4	4	4	4
1/4	157,621	1/4	172,842	1/4	188,063	1/4	203,268	1/4	218,367	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,939	1/2	173,159	1/2	188,380	1/2	203,584	1/2	218,678	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,256	3/4	173,477	3/4	188,697	3/4	203,900	3/4	218,989	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,573	5	173,794	5	189,014	5	204,216	5	219,301	5	5	5	5	5	5	5	5	5	5
1/4	158,890	1/4	174,111	1/4	189,332	1/4	204,532	1/4	219,587	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,207	1/2	174,428	1/2	189,649	1/2	204,847	1/2	219,874	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,524	3/4	174,745	3/4	189,966	3/4	205,163	3/4	220,160	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,841	6	175,062	6	190,283	6	205,479	6	220,447	6	6	6	6	6	6	6	6	6	6
1/4	160,158	1/4	175,379	1/4	190,600	1/4	205,795	1/4	220,680	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,475	1/2	175,696	1/2	190,917	1/2	206,111	1/2	220,914	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,792	3/4	176,013	3/4	191,234	3/4	206,427	3/4	221,148	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,110	7	176,330	7	191,551	7	206,743	7	221,381	7	7	7	7	7	7	7	7	7	7
1/4	161,427	1/4	176,648	1/4	191,868	1/4	207,059	1/4	221,563	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,744	1/2	176,965	1/2	192,185	1/2	207,375	1/2	221,745	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,061	3/4	177,282	3/4	192,503	3/4	207,690	3/4	221,927	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,378	8	177,599	8	192,820	8	208,006	8	222,109	8	8	8	8	8	8	8	8	8	8
1/4	162,695	1/4	177,916	1/4	193,137	1/4	208,322	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,012	1/2	178,233	1/2	193,454	1/2	208,638	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,329	3/4	178,550	3/4	193,771	3/4	208,954	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,646	9	178,867	9	194,088	9	209,270	9		9	9	9	9	9	9	9	9	9	9
1/4	163,963	1/4	179,184	1/4	194,405	1/4	209,586	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,281	1/2	179,501	1/2	194,722	1/2	209,902	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,598	3/4	179,819	3/4	195,039	3/4	210,218	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,915	10	180,136	10	195,356	10	210,534	10		10	10	10	10	10	10	10	10	10	10
1/4	165,232	1/4	180,453	1/4	195,674	1/4	210,850	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,549	1/2	180,770	1/2	195,991	1/2	211,166	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,866	3/4	181,087	3/4	196,308	3/4	211,482	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,183	11	181,404	11	196,625	11	211,798	11		11	11	11	11	11	11	11	11	11	11
1/4	166,500	1/4	181,721	1/4	196,942	1/4	212,111	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,817	1/2	182,038	1/2	197,259	1/2	212,424	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,134	3/4	182,355	3/4	197,576	3/4	212,737	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: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

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



# BARGE "CBC 374"

# 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	964	0	15,230	0	30,456	0	45,632	0	60,808	0	76,034	0	91,261	0	106,487	0	121,709	0	136,930
1/4	1,149	1/4	15,547	1/4	30,773	1/4	45,947	1/4	61,125	1/4	76,351	1/4	91,578	1/4	106,804	1/4	122,026	1/4	137,247
1/2	1,334	1/2	15,864	1/2	31,090	1/2	46,262	1/2	61,442	1/2	76,669	1/2	91,895	1/2	107,122	1/2	122,344	1/2	137,564
3/4	1,519	3/4	16,181	3/4	31,407	3/4	46,577	3/4	61,759	3/4	76,986	3/4	92,212	3/4	107,439	3/4	122,661	3/4	137,881
1	1,704	1	16,499	1	31,724	1	46,892	1	62,077	1	77,303	1	92,530	1	107,756	1	122,978	1	138,199
1/4	1,942	1/4	16,816	1/4	32,042	1/4	47,207	1/4	62,394	1/4	77,620	1/4	92,847	1/4	108,073	1/4	123,295	1/4	138,516
1/2	2,180	1/2	17,133	1/2	32,359	1/2	47,522	1/2	62,711	1/2	77,938	1/2	93,164	1/2	108,390	1/2	123,612	1/2	138,833
3/4	2,418	3/4	17,450	3/4	32,676	3/4	47,837	3/4	63,028	3/4	78,255	3/4	93,481	3/4	108,708	3/4	123,929	3/4	139,150
2	2,656	2	17,767	2	32,993	2	48,152	2	63,346	2	78,572	2	93,798	2	109,025	2	124,246	2	139,467
1/4	2,946	1/4	18,085	1/4	33,310	1/4	48,467	1/4	63,663	1/4	78,889	1/4	94,116	1/4	109,342	1/4	124,563	1/4	139,784
1/2	3,237	1/2	18,402	1/2	33,628	1/2	48,782	1/2	63,980	1/2	79,206	1/2	94,433	1/2	109,659	1/2	124,880	1/2	140,101
3/4	3,528	3/4	18,719	3/4	33,945	3/4	49,097	3/4	64,297	3/4	79,524	3/4	94,750	3/4	109,976	3/4	125,197	3/4	140,418
3	3,818	3	19,036	3	34,262	3	49,412	3	64,614	3	79,841	3	95,067	3	110,294	3	125,515	3	140,735
1/4	4,134	1/4	19,353	1/4	34,579	1/4	49,727	1/4	64,932	1/4	80,158	1/4	95,384	1/4	110,611	1/4	125,832	1/4	141,052
1/2	4,450	1/2	19,671	1/2	34,896	1/2	50,042	1/2	65,249	1/2	80,475	1/2	95,702	1/2	110,928	1/2	126,149	1/2	141,370
3/4	4,765	3/4	19,988	3/4	35,214	3/4	50,357	3/4	65,566	3/4	80,792	3/4	96,019	3/4	111,245	3/4	126,466	3/4	141,687
4	5,081	4	20,305	4	35,531	4	50,672	4	65,883	4	81,110	4	96,336	4	111,562	4	126,783	4	142,004
1/4	5,398	1/4	20,622	1/4	35,848	1/4	50,987	1/4	66,200	1/4	81,427	1/4	96,653	1/4	111,879	1/4	127,100	1/4	142,321
1/2	5,715	1/2	20,939	1/2	36,165	1/2	51,302	1/2	66,518	1/2	81,744	1/2	96,971	1/2	112,196	1/2	127,417	1/2	142,638
3/4	6,031	3/4	21,257	3/4	36,482	3/4	51,617	3/4	66,835	3/4	82,061	3/4	97,288	3/4	112,513	3/4	127,734	3/4	142,955
5	6,348	5	21,574	5	36,800	5	51,932	5	67,152	5	82,379	5	97,605	5	112,831	5	128,051	5	143,272
1/4	6,665	1/4	21,891	1/4	37,117	1/4	52,248	1/4	67,469	1/4	82,696	1/4	97,922	1/4	113,148	1/4	128,368	1/4	143,589
1/2	6,983	1/2	22,208	1/2	37,434	1/2	52,563	1/2	67,787	1/2	83,013	1/2	98,239	1/2	113,465	1/2	128,686	1/2	143,906
3/4	7,300	3/4	22,525	3/4	37,751	3/4	52,879	3/4	68,104	3/4	83,330	3/4	98,557	3/4	113,782	3/4	129,003	3/4	144,223
6	7,617	6	22,843	6	38,069	6	53,195	6	68,421	6	83,647	6	98,874	6	114,099	6	129,320	6	144,541
1/4	7,934	1/4	23,160	1/4	38,384	1/4	53,512	1/4	68,738	1/4	83,965	1/4	99,191	1/4	114,416	1/4	129,637	1/4	144,858
1/2	8,251	1/2	23,477	1/2	38,700	1/2	53,829	1/2	69,055	1/2	84,282	1/2	99,508	1/2	114,733	1/2	129,954	1/2	145,175
3/4	8,568	3/4	23,794	3/4	39,015	3/4	54,146	3/4	69,373	3/4	84,599	3/4	99,826	3/4	115,050	3/4	130,271	3/4	145,492
7	8,886	7	24,112	7	39,331	7	54,463	7	69,690	7	84,916	7	100,143	7	115,367	7	130,588	7	145,809
1/4	9,203	1/4	24,429	1/4	39,646	1/4	54,781	1/4	70,007	1/4	85,234	1/4	100,460	1/4	115,684	1/4	130,905	1/4	146,126
1/2	9,520	1/2	24,746	1/2	39,961	1/2	55,098	1/2	70,324	1/2	85,551	1/2	100,777	1/2	116,002	1/2	131,222	1/2	146,443
3/4	9,837	3/4	25,063	3/4	40,276	3/4	55,415	3/4	70,642	3/4	85,868	3/4	101,094	3/4	116,319	3/4	131,539	3/4	146,760
8	10,154	8	25,380	8	40,591	8	55,732	8	70,959	8	86,185	8	101,412	8	116,636	8	131,857	8	147,077
1/4	10,472	1/4	25,698	1/4	40,906	1/4	56,050	1/4	71,276	1/4	86,502	1/4	101,729	1/4	116,953	1/4	132,174	1/4	147,394
1/2	10,789	1/2	26,015	1/2	41,221	1/2	56,367	1/2	71,593	1/2	86,820	1/2	102,046	1/2	117,270	1/2	132,491	1/2	147,712
3/4	11,106	3/4	26,332	3/4	41,536	3/4	56,684	3/4	71,910	3/4	87,137	3/4	102,363	3/4	117,587	3/4	132,808	3/4	148,029
9	11,423	9	26,649	9	41,851	9	57,001	9	72,228	9	87,454	9	102,680	9	117,904	9	133,125	9	148,346
1/4	11,741	1/4	26,966	1/4	42,166	1/4	57,318	1/4	72,545	1/4	87,771	1/4	102,998	1/4	118,221	1/4	133,442	1/4	148,663
1/2	12,058	1/2	27,284	1/2	42,481	1/2	57,636	1/2	72,862	1/2	88,088	1/2	103,315	1/2	118,538	1/2	133,759	1/2	148,980
3/4	12,375	3/4	27,601	3/4	42,796	3/4	57,953	3/4	73,179	3/4	88,406	3/4	103,632	3/4	118,855	3/4	134,076	3/4	149,297
10	12,692	10	27,918	10	43,111	10	58,270	10	73,496	10	88,723	10	103,949	10	119,173	10	134,393	10	149,614
1/4	13,009	1/4	28,235	1/4	43,426	1/4	58,587	1/4	73,814	1/4	89,040	1/4	104,267	1/4	119,490	1/4	134,710	1/4	149,931
1/2	13,327	1/2	28,552	1/2	43,741	1/2	58,904	1/2	74,131	1/2	89,357	1/2	104,584	1/2	119,807	1/2	135,028	1/2	150,248
3/4	13,644	3/4	28,870	3/4	44,056	3/4	59,222	3/4	74,448	3/4	89,675	3/4	104,901	3/4	120,124	3/4	135,345	3/4	150,566
11	13,961	11	29,187	11	44,371	11	59,539	11	74,765	11	89,992	11	105,218	11	120,441	11	135,662	11	150,883
1/4	14,278	1/4	29,504	1/4	44,686	1/4	59,856	1/4	75,083	1/4	90,309	1/4	105,535	1/4	120,758	1/4	135,979	1/4	151,200
1/2	14,595	1/2	29,821	1/2	45,001	1/2	60,173	1/2	75,400	1/2	90,626	1/2	105,853	1/2	121,075	1/2	136,296	1/2	151,517
3/4	14,913	3/4	30,138	3/4	45,316	3/4	60,491	3/4	75,717	3/4	90,943	3/4	106,170	3/4	121,392	3/4	136,613	3/4	151,834

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 41'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 374"

1 STBD  
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,151	0	167,372	0	182,593	0	197,814	0	212,970	0		0		0		0		0	
1/4	152,468	1/4	167,689	1/4	182,910	1/4	198,131	1/4	213,283	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,785	1/2	168,006	1/2	183,227	1/2	198,448	1/2	213,596	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,102	3/4	168,323	3/4	183,544	3/4	198,765	3/4	213,909	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,419	1	168,640	1	183,861	1	199,082	1	214,222	1	1	1	1	1	1	1	1	1	1
1/4	153,737	1/4	168,957	1/4	184,178	1/4	199,398	1/4	214,535	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,054	1/2	169,274	1/2	184,495	1/2	199,714	1/2	214,847	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,371	3/4	169,592	3/4	184,812	3/4	200,030	3/4	215,160	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,688	2	169,909	2	185,129	2	200,345	2	215,473	2	2	2	2	2	2	2	2	2	2
1/4	155,005	1/4	170,226	1/4	185,447	1/4	200,661	1/4	215,786	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,322	1/2	170,543	1/2	185,764	1/2	200,977	1/2	216,099	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,639	3/4	170,860	3/4	186,081	3/4	201,293	3/4	216,412	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,956	3	171,177	3	186,398	3	201,609	3	216,725	3	3	3	3	3	3	3	3	3	3
1/4	156,273	1/4	171,494	1/4	186,715	1/4	201,925	1/4	217,038	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,590	1/2	171,811	1/2	187,032	1/2	202,241	1/2	217,350	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,908	3/4	172,128	3/4	187,349	3/4	202,557	3/4	217,663	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,225	4	172,445	4	187,666	4	202,872	4	217,975	4	4	4	4	4	4	4	4	4	4
1/4	157,542	1/4	172,763	1/4	187,983	1/4	203,188	1/4	218,287	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,859	1/2	173,080	1/2	188,300	1/2	203,504	1/2	218,598	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,176	3/4	173,397	3/4	188,618	3/4	203,820	3/4	218,910	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,493	5	173,714	5	188,935	5	204,136	5	219,221	5	5	5	5	5	5	5	5	5	5
1/4	158,810	1/4	174,031	1/4	189,252	1/4	204,452	1/4	219,507	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,127	1/2	174,348	1/2	189,569	1/2	204,768	1/2	219,794	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,444	3/4	174,665	3/4	189,886	3/4	205,084	3/4	220,080	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,761	6	174,982	6	190,203	6	205,399	6	220,367	6	6	6	6	6	6	6	6	6	6
1/4	160,079	1/4	175,299	1/4	190,520	1/4	205,715	1/4	220,600	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,396	1/2	175,616	1/2	190,837	1/2	206,031	1/2	220,834	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,713	3/4	175,934	3/4	191,154	3/4	206,347	3/4	221,068	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,030	7	176,251	7	191,471	7	206,663	7	221,301	7	7	7	7	7	7	7	7	7	7
1/4	161,347	1/4	176,568	1/4	191,789	1/4	206,979	1/4	221,483	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,664	1/2	176,885	1/2	192,106	1/2	207,295	1/2	221,665	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,981	3/4	177,202	3/4	192,423	3/4	207,611	3/4	221,847	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,298	8	177,519	8	192,740	8	207,926	8	222,029	8	8	8	8	8	8	8	8	8	8
1/4	162,615	1/4	177,836	1/4	193,057	1/4	208,242	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,932	1/2	178,153	1/2	193,374	1/2	208,558	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,250	3/4	178,470	3/4	193,691	3/4	208,874	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,567	9	178,787	9	194,008	9	209,190	9		9	9	9	9	9	9	9	9	9	9
1/4	163,884	1/4	179,105	1/4	194,325	1/4	209,506	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,201	1/2	179,422	1/2	194,643	1/2	209,822	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,518	3/4	179,739	3/4	194,960	3/4	210,138	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,835	10	180,056	10	195,277	10	210,454	10		10	10	10	10	10	10	10	10	10	10
1/4	165,152	1/4	180,373	1/4	195,594	1/4	210,770	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,469	1/2	180,690	1/2	195,911	1/2	211,086	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,786	3/4	181,007	3/4	196,228	3/4	211,402	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,103	11	181,324	11	196,545	11	211,718	11		11	11	11	11	11	11	11	11	11	11
1/4	166,421	1/4	181,641	1/4	196,862	1/4	212,031	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,738	1/2	181,958	1/2	197,179	1/2	212,344	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,055	3/4	182,276	3/4	197,496	3/4	212,657	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: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 374"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	961	0	15,182	0	30,361	0	45,529	0	60,698	0	75,877	0	91,056	0	106,234	0	121,409	0	136,583
1/4	1,146	1/4	15,499	1/4	30,677	1/4	45,845	1/4	61,014	1/4	76,193	1/4	91,372	1/4	106,551	1/4	121,725	1/4	136,899
1/2	1,330	1/2	15,815	1/2	30,993	1/2	46,160	1/2	61,330	1/2	76,509	1/2	91,688	1/2	106,867	1/2	122,041	1/2	137,215
3/4	1,514	3/4	16,131	3/4	31,309	3/4	46,476	3/4	61,646	3/4	76,825	3/4	92,004	3/4	107,183	3/4	122,358	3/4	137,531
1	1,699	1	16,447	1	31,626	1	46,792	1	61,963	1	77,141	1	92,320	1	107,499	1	122,674	1	137,847
1/4	1,936	1/4	16,763	1/4	31,942	1/4	47,108	1/4	62,279	1/4	77,458	1/4	92,637	1/4	107,816	1/4	122,990	1/4	138,163
1/2	2,173	1/2	17,080	1/2	32,258	1/2	47,423	1/2	62,595	1/2	77,774	1/2	92,953	1/2	108,132	1/2	123,306	1/2	138,479
3/4	2,410	3/4	17,396	3/4	32,574	3/4	47,739	3/4	62,911	3/4	78,090	3/4	93,269	3/4	108,448	3/4	123,622	3/4	138,795
2	2,647	2	17,712	2	32,890	2	48,055	2	63,227	2	78,406	2	93,585	2	108,764	2	123,938	2	139,112
1/4	2,937	1/4	18,028	1/4	33,207	1/4	48,370	1/4	63,544	1/4	78,723	1/4	93,902	1/4	109,081	1/4	124,254	1/4	139,428
1/2	3,227	1/2	18,344	1/2	33,523	1/2	48,686	1/2	63,860	1/2	79,039	1/2	94,218	1/2	109,397	1/2	124,570	1/2	139,744
3/4	3,517	3/4	18,661	3/4	33,839	3/4	49,002	3/4	64,176	3/4	79,355	3/4	94,534	3/4	109,713	3/4	124,886	3/4	140,060
3	3,806	3	18,977	3	34,155	3	49,318	3	64,492	3	79,671	3	94,850	3	110,029	3	125,203	3	140,376
1/4	4,121	1/4	19,293	1/4	34,471	1/4	49,633	1/4	64,809	1/4	79,988	1/4	95,166	1/4	110,345	1/4	125,519	1/4	140,692
1/2	4,436	1/2	19,609	1/2	34,788	1/2	49,949	1/2	65,125	1/2	80,304	1/2	95,483	1/2	110,661	1/2	125,835	1/2	141,008
3/4	4,751	3/4	19,926	3/4	35,104	3/4	50,265	3/4	65,441	3/4	80,620	3/4	95,799	3/4	110,978	3/4	126,151	3/4	141,324
4	5,065	4	20,242	4	35,420	4	50,580	4	65,757	4	80,936	4	96,115	4	111,294	4	126,467	4	141,640
1/4	5,381	1/4	20,558	1/4	35,736	1/4	50,896	1/4	66,073	1/4	81,252	1/4	96,431	1/4	111,610	1/4	126,783	1/4	141,957
1/2	5,697	1/2	20,874	1/2	36,053	1/2	51,212	1/2	66,390	1/2	81,569	1/2	96,748	1/2	111,926	1/2	127,099	1/2	142,273
3/4	6,013	3/4	21,190	3/4	36,369	3/4	51,527	3/4	66,706	3/4	81,885	3/4	97,064	3/4	112,242	3/4	127,415	3/4	142,589
5	6,328	5	21,507	5	36,685	5	51,843	5	67,022	5	82,201	5	97,380	5	112,558	5	127,731	5	142,905
1/4	6,645	1/4	21,823	1/4	37,001	1/4	52,159	1/4	67,338	1/4	82,517	1/4	97,696	1/4	112,874	1/4	128,048	1/4	143,221
1/2	6,961	1/2	22,139	1/2	37,317	1/2	52,476	1/2	67,655	1/2	82,834	1/2	98,013	1/2	113,190	1/2	128,364	1/2	143,537
3/4	7,277	3/4	22,455	3/4	37,634	3/4	52,792	3/4	67,971	3/4	83,150	3/4	98,329	3/4	113,506	3/4	128,680	3/4	143,853
6	7,593	6	22,771	6	37,950	6	53,108	6	68,287	6	83,466	6	98,645	6	113,823	6	128,996	6	144,169
1/4	7,909	1/4	23,088	1/4	38,266	1/4	53,424	1/4	68,603	1/4	83,782	1/4	98,961	1/4	114,139	1/4	129,312	1/4	144,485
1/2	8,226	1/2	23,404	1/2	38,582	1/2	53,741	1/2	68,920	1/2	84,098	1/2	99,277	1/2	114,455	1/2	129,628	1/2	144,802
3/4	8,542	3/4	23,720	3/4	38,898	3/4	54,057	3/4	69,236	3/4	84,415	3/4	99,594	3/4	114,771	3/4	129,944	3/4	145,118
7	8,858	7	24,036	7	39,215	7	54,373	7	69,552	7	84,731	7	99,910	7	115,087	7	130,260	7	145,434
1/4	9,174	1/4	24,353	1/4	39,530	1/4	54,689	1/4	69,868	1/4	85,047	1/4	100,226	1/4	115,403	1/4	130,576	1/4	145,750
1/2	9,490	1/2	24,669	1/2	39,846	1/2	55,005	1/2	70,184	1/2	85,363	1/2	100,542	1/2	115,719	1/2	130,893	1/2	146,066
3/4	9,807	3/4	24,985	3/4	40,162	3/4	55,322	3/4	70,501	3/4	85,680	3/4	100,859	3/4	116,035	3/4	131,209	3/4	146,382
8	10,123	8	25,301	8	40,478	8	55,638	8	70,817	8	85,996	8	101,175	8	116,351	8	131,525	8	146,698
1/4	10,439	1/4	25,617	1/4	40,793	1/4	55,954	1/4	71,133	1/4	86,312	1/4	101,491	1/4	116,668	1/4	131,841	1/4	147,014
1/2	10,755	1/2	25,934	1/2	41,109	1/2	56,270	1/2	71,449	1/2	86,628	1/2	101,807	1/2	116,984	1/2	132,157	1/2	147,330
3/4	11,072	3/4	26,250	3/4	41,425	3/4	56,587	3/4	71,766	3/4	86,945	3/4	102,124	3/4	117,300	3/4	132,473	3/4	147,647
9	11,388	9	26,566	9	41,740	9	56,903	9	72,082	9	87,261	9	102,440	9	117,616	9	132,789	9	147,963
1/4	11,704	1/4	26,882	1/4	42,056	1/4	57,219	1/4	72,398	1/4	87,577	1/4	102,756	1/4	117,932	1/4	133,105	1/4	148,279
1/2	12,020	1/2	27,199	1/2	42,372	1/2	57,535	1/2	72,714	1/2	87,893	1/2	103,072	1/2	118,248	1/2	133,421	1/2	148,595
3/4	12,336	3/4	27,515	3/4	42,688	3/4	57,852	3/4	73,031	3/4	88,209	3/4	103,388	3/4	118,564	3/4	133,738	3/4	148,911
10	12,653	10	27,831	10	43,003	10	58,168	10	73,347	10	88,526	10	103,705	10	118,880	10	134,054	10	149,227
1/4	12,969	1/4	28,147	1/4	43,319	1/4	58,484	1/4	73,663	1/4	88,842	1/4	104,021	1/4	119,196	1/4	134,370	1/4	149,543
1/2	13,285	1/2	28,463	1/2	43,635	1/2	58,800	1/2	73,979	1/2	89,158	1/2	104,337	1/2	119,513	1/2	134,686	1/2	149,859
3/4	13,601	3/4	28,780	3/4	43,950	3/4	59,116	3/4	74,295	3/4	89,474	3/4	104,653	3/4	119,829	3/4	135,002	3/4	150,175
11	13,917	11	29,096	11	44,266	11	59,433	11	74,612	11	89,791	11	104,970	11	120,145	11	135,318	11	150,492
1/4	14,234	1/4	29,412	1/4	44,582	1/4	59,749	1/4	74,928	1/4	90,107	1/4	105,286	1/4	120,461	1/4	135,634	1/4	150,808
1/2	14,550	1/2	29,728	1/2	44,898	1/2	60,065	1/2	75,244	1/2	90,423	1/2	105,602	1/2	120,777	1/2	135,950	1/2	151,124
3/4	14,866	3/4	30,044	3/4	45,213	3/4	60,381	3/4	75,560	3/4	90,739	3/4	105,918	3/4	121,093	3/4	136,266	3/4	151,440

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

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# BARGE "CBC 374"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,756	0	166,929	0	182,103	0	197,276	0	212,385	0		0		0		0		0	
1/4	152,072	1/4	167,245	1/4	182,419	1/4	197,592	1/4	212,697	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,388	1/2	167,562	1/2	182,735	1/2	197,908	1/2	213,009	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,704	3/4	167,878	3/4	183,051	3/4	198,224	3/4	213,321	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,020	1	168,194	1	183,367	1	198,541	1	213,633	1	1	1	1	1	1	1	1	1	1
1/4	153,337	1/4	168,510	1/4	183,683	1/4	198,855	1/4	213,945	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,653	1/2	168,826	1/2	183,999	1/2	199,170	1/2	214,257	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,969	3/4	169,142	3/4	184,315	3/4	199,485	3/4	214,569	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,285	2	169,458	2	184,632	2	199,800	2	214,881	2	2	2	2	2	2	2	2	2	2
1/4	154,601	1/4	169,774	1/4	184,948	1/4	200,115	1/4	215,193	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,917	1/2	170,090	1/2	185,264	1/2	200,430	1/2	215,505	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,233	3/4	170,407	3/4	185,580	3/4	200,745	3/4	215,816	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,549	3	170,723	3	185,896	3	201,060	3	216,128	3	3	3	3	3	3	3	3	3	3
1/4	155,865	1/4	171,039	1/4	186,212	1/4	201,375	1/4	216,440	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,182	1/2	171,355	1/2	186,528	1/2	201,689	1/2	216,752	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,498	3/4	171,671	3/4	186,844	3/4	202,004	3/4	217,063	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,814	4	171,987	4	187,160	4	202,319	4	217,375	4	4	4	4	4	4	4	4	4	4
1/4	157,130	1/4	172,303	1/4	187,477	1/4	202,634	1/4	217,685	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,446	1/2	172,619	1/2	187,793	1/2	202,949	1/2	217,996	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,762	3/4	172,935	3/4	188,109	3/4	203,264	3/4	218,306	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,078	5	173,252	5	188,425	5	203,579	5	218,617	5	5	5	5	5	5	5	5	5	5
1/4	158,394	1/4	173,568	1/4	188,741	1/4	203,894	1/4	218,902	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,710	1/2	173,884	1/2	189,057	1/2	204,209	1/2	219,188	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,027	3/4	174,200	3/4	189,373	3/4	204,523	3/4	219,473	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,343	6	174,516	6	189,689	6	204,838	6	219,759	6	6	6	6	6	6	6	6	6	6
1/4	159,659	1/4	174,832	1/4	190,006	1/4	205,153	1/4	219,992	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,975	1/2	175,148	1/2	190,322	1/2	205,468	1/2	220,225	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,291	3/4	175,464	3/4	190,638	3/4	205,783	3/4	220,457	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,607	7	175,780	7	190,954	7	206,098	7	220,690	7	7	7	7	7	7	7	7	7	7
1/4	160,923	1/4	176,097	1/4	191,270	1/4	206,413	1/4	220,872	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,239	1/2	176,413	1/2	191,586	1/2	206,728	1/2	221,053	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,555	3/4	176,729	3/4	191,902	3/4	207,043	3/4	221,235	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,872	8	177,045	8	192,218	8	207,357	8	221,416	8	8	8	8	8	8	8	8	8	8
1/4	162,188	1/4	177,361	1/4	192,534	1/4	207,672	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,504	1/2	177,677	1/2	192,851	1/2	207,987	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,820	3/4	177,993	3/4	193,167	3/4	208,302	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,136	9	178,309	9	193,483	9	208,617	9		9	9	9	9	9	9	9	9	9	9
1/4	163,452	1/4	178,625	1/4	193,799	1/4	208,932	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,768	1/2	178,942	1/2	194,115	1/2	209,247	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,084	3/4	179,258	3/4	194,431	3/4	209,562	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,400	10	179,574	10	194,747	10	209,877	10		10	10	10	10	10	10	10	10	10	10
1/4	164,717	1/4	179,890	1/4	195,063	1/4	210,192	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,033	1/2	180,206	1/2	195,379	1/2	210,507	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,349	3/4	180,522	3/4	195,696	3/4	210,822	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,665	11	180,838	11	196,012	11	211,137	11		11	11	11	11	11	11	11	11	11	11
1/4	165,981	1/4	181,154	1/4	196,328	1/4	211,449	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,297	1/2	181,470	1/2	196,644	1/2	211,761	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,613	3/4	181,787	3/4	196,960	3/4	212,073	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: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

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<http://www.pmacorp.net>



# BARGE "CBC 374"

## 2 STBD 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	15,182	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 374"

**2 STBD  
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	151,089	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: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

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



# BARGE "CBC 374"

# 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	958	0	15,128	0	30,252	0	45,367	0	60,485	0	75,609	0	90,733	0	105,854	0	120,966	0	136,042
1/4	1,142	1/4	15,443	1/4	30,567	1/4	45,682	1/4	60,800	1/4	75,925	1/4	91,048	1/4	106,169	1/4	121,281	1/4	136,355
1/2	1,325	1/2	15,758	1/2	30,882	1/2	45,997	1/2	61,115	1/2	76,240	1/2	91,363	1/2	106,484	1/2	121,595	1/2	136,668
3/4	1,509	3/4	16,073	3/4	31,197	3/4	46,311	3/4	61,430	3/4	76,555	3/4	91,678	3/4	106,799	3/4	121,910	3/4	136,981
1	1,693	1	16,388	1	31,512	1	46,626	1	61,745	1	76,870	1	91,993	1	107,114	1	122,224	1	137,294
1/4	1,929	1/4	16,703	1/4	31,827	1/4	46,941	1/4	62,060	1/4	77,185	1/4	92,308	1/4	107,429	1/4	122,539	1/4	137,607
1/2	2,165	1/2	17,019	1/2	32,143	1/2	47,255	1/2	62,375	1/2	77,500	1/2	92,623	1/2	107,744	1/2	122,853	1/2	137,920
3/4	2,402	3/4	17,334	3/4	32,458	3/4	47,570	3/4	62,691	3/4	77,815	3/4	92,938	3/4	108,059	3/4	123,167	3/4	138,233
2	2,638	2	17,649	2	32,773	2	47,885	2	63,006	2	78,130	2	93,253	2	108,374	2	123,482	2	138,546
1/4	2,927	1/4	17,964	1/4	33,088	1/4	48,199	1/4	63,321	1/4	78,445	1/4	93,568	1/4	108,689	1/4	123,796	1/4	138,858
1/2	3,216	1/2	18,279	1/2	33,403	1/2	48,514	1/2	63,636	1/2	78,760	1/2	93,883	1/2	109,004	1/2	124,111	1/2	139,171
3/4	3,504	3/4	18,594	3/4	33,718	3/4	48,829	3/4	63,951	3/4	79,076	3/4	94,198	3/4	109,319	3/4	124,425	3/4	139,484
3	3,793	3	18,909	3	34,033	3	49,144	3	64,266	3	79,391	3	94,513	3	109,634	3	124,740	3	139,797
1/4	4,107	1/4	19,224	1/4	34,348	1/4	49,458	1/4	64,581	1/4	79,706	1/4	94,828	1/4	109,949	1/4	125,054	1/4	140,111
1/2	4,420	1/2	19,539	1/2	34,663	1/2	49,773	1/2	64,896	1/2	80,021	1/2	95,143	1/2	110,264	1/2	125,368	1/2	140,425
3/4	4,734	3/4	19,854	3/4	34,978	3/4	50,088	3/4	65,211	3/4	80,336	3/4	95,458	3/4	110,579	3/4	125,683	3/4	140,738
4	5,047	4	20,169	4	35,293	4	50,402	4	65,526	4	80,651	4	95,773	4	110,894	4	125,997	4	141,052
1/4	5,362	1/4	20,484	1/4	35,608	1/4	50,717	1/4	65,842	1/4	80,966	1/4	96,088	1/4	111,209	1/4	126,312	1/4	141,366
1/2	5,677	1/2	20,800	1/2	35,924	1/2	51,032	1/2	66,157	1/2	81,281	1/2	96,403	1/2	111,524	1/2	126,626	1/2	141,679
3/4	5,991	3/4	21,115	3/4	36,239	3/4	51,347	3/4	66,472	3/4	81,596	3/4	96,718	3/4	111,839	3/4	126,941	3/4	141,993
5	6,306	5	21,430	5	36,554	5	51,662	5	66,787	5	81,911	5	97,033	5	112,154	5	127,255	5	142,307
1/4	6,621	1/4	21,745	1/4	36,869	1/4	51,977	1/4	67,102	1/4	82,226	1/4	97,348	1/4	112,469	1/4	127,569	1/4	142,620
1/2	6,936	1/2	22,060	1/2	37,184	1/2	52,292	1/2	67,417	1/2	82,542	1/2	97,663	1/2	112,784	1/2	127,884	1/2	142,934
3/4	7,251	3/4	22,375	3/4	37,499	3/4	52,608	3/4	67,732	3/4	82,857	3/4	97,978	3/4	113,099	3/4	128,198	3/4	143,247
6	7,566	6	22,690	6	37,814	6	52,923	6	68,047	6	83,172	6	98,293	6	113,414	6	128,513	6	143,561
1/4	7,881	1/4	23,005	1/4	38,129	1/4	53,238	1/4	68,362	1/4	83,487	1/4	98,608	1/4	113,729	1/4	128,827	1/4	143,875
1/2	8,196	1/2	23,320	1/2	38,444	1/2	53,553	1/2	68,677	1/2	83,802	1/2	98,923	1/2	114,043	1/2	129,142	1/2	144,188
3/4	8,511	3/4	23,635	3/4	38,758	3/4	53,868	3/4	68,992	3/4	84,117	3/4	99,238	3/4	114,358	3/4	129,456	3/4	144,502
7	8,826	7	23,950	7	39,073	7	54,183	7	69,308	7	84,432	7	99,553	7	114,673	7	129,770	7	144,816
1/4	9,141	1/4	24,265	1/4	39,388	1/4	54,498	1/4	69,623	1/4	84,747	1/4	99,868	1/4	114,988	1/4	130,085	1/4	145,129
1/2	9,457	1/2	24,581	1/2	39,703	1/2	54,813	1/2	69,938	1/2	85,062	1/2	100,183	1/2	115,303	1/2	130,399	1/2	145,443
3/4	9,772	3/4	24,896	3/4	40,017	3/4	55,128	3/4	70,253	3/4	85,377	3/4	100,498	3/4	115,618	3/4	130,714	3/4	145,757
8	10,087	8	25,211	8	40,332	8	55,443	8	70,568	8	85,693	8	100,813	8	115,933	8	131,028	8	146,070
1/4	10,402	1/4	25,526	1/4	40,647	1/4	55,758	1/4	70,883	1/4	86,008	1/4	101,128	1/4	116,248	1/4	131,342	1/4	146,384
1/2	10,717	1/2	25,841	1/2	40,961	1/2	56,074	1/2	71,198	1/2	86,323	1/2	101,444	1/2	116,563	1/2	131,657	1/2	146,698
3/4	11,032	3/4	26,156	3/4	41,276	3/4	56,389	3/4	71,513	3/4	86,638	3/4	101,759	3/4	116,878	3/4	131,971	3/4	147,011
9	11,347	9	26,471	9	41,591	9	56,704	9	71,828	9	86,953	9	102,074	9	117,193	9	132,286	9	147,325
1/4	11,662	1/4	26,786	1/4	41,906	1/4	57,019	1/4	72,143	1/4	87,268	1/4	102,389	1/4	117,508	1/4	132,599	1/4	147,639
1/2	11,977	1/2	27,101	1/2	42,220	1/2	57,334	1/2	72,459	1/2	87,583	1/2	102,704	1/2	117,822	1/2	132,912	1/2	147,953
3/4	12,292	3/4	27,416	3/4	42,535	3/4	57,649	3/4	72,774	3/4	87,898	3/4	103,019	3/4	118,137	3/4	133,225	3/4	148,267
10	12,607	10	27,731	10	42,850	10	57,964	10	73,089	10	88,213	10	103,334	10	118,451	10	133,538	10	148,580
1/4	12,922	1/4	28,046	1/4	43,164	1/4	58,279	1/4	73,404	1/4	88,528	1/4	103,649	1/4	118,766	1/4	133,851	1/4	148,894
1/2	13,238	1/2	28,362	1/2	43,479	1/2	58,594	1/2	73,719	1/2	88,843	1/2	103,964	1/2	119,080	1/2	134,164	1/2	149,208
3/4	13,553	3/4	28,677	3/4	43,794	3/4	58,909	3/4	74,034	3/4	89,158	3/4	104,279	3/4	119,394	3/4	134,477	3/4	149,521
11	13,868	11	28,992	11	44,108	11	59,225	11	74,349	11	89,473	11	104,594	11	119,709	11	134,790	11	149,835
1/4	14,183	1/4	29,307	1/4	44,423	1/4	59,540	1/4	74,664	1/4	89,788	1/4	104,909	1/4	120,023	1/4	135,103	1/4	149,149
1/2	14,498	1/2	29,622	1/2	44,738	1/2	59,855	1/2	74,979	1/2	90,103	1/2	105,224	1/2	120,338	1/2	135,416	1/2	149,463
3/4	14,813	3/4	29,937	3/4	45,053	3/4	60,170	3/4	75,294	3/4	90,418	3/4	105,539	3/4	120,652	3/4	135,729	3/4	149,777

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 374"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	149,358	0	157,491	0	165,625	0	173,758	0	181,858	0		0		0		0		0	
1/4	149,528	1/4	157,661	1/4	165,794	1/4	173,927	1/4	182,025	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,697	1/2	157,830	1/2	165,963	1/2	174,097	1/2	182,192	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,866	3/4	158,000	3/4	166,133	3/4	174,266	3/4	182,359	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	150,036	1	158,169	1	166,302	1	174,436	1	182,527	1	1	1	1	1	1	1	1	1	1
1/4	150,205	1/4	158,339	1/4	166,472	1/4	174,604	1/4	182,694	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,375	1/2	158,508	1/2	166,641	1/2	174,773	1/2	182,861	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,544	3/4	158,677	3/4	166,811	3/4	174,942	3/4	183,028	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	150,714	2	158,847	2	166,980	2	175,111	2	183,195	2	2	2	2	2	2	2	2	2	2
1/4	150,883	1/4	159,016	1/4	167,150	1/4	175,280	1/4	183,363	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,053	1/2	159,186	1/2	167,319	1/2	175,449	1/2	183,530	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,222	3/4	159,355	3/4	167,488	3/4	175,617	3/4	183,697	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	151,391	3	159,525	3	167,658	3	175,786	3	183,864	3	3	3	3	3	3	3	3	3	3
1/4	151,561	1/4	159,694	1/4	167,827	1/4	175,955	1/4	184,031	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,730	1/2	159,864	1/2	167,997	1/2	176,124	1/2	184,198	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,900	3/4	160,033	3/4	168,166	3/4	176,293	3/4	184,364	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	152,069	4	160,202	4	168,336	4	176,462	4	184,531	4	4	4	4	4	4	4	4	4	4
1/4	152,239	1/4	160,372	1/4	168,505	1/4	176,630	1/4	184,697	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,408	1/2	160,541	1/2	168,675	1/2	176,799	1/2	184,863	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,578	3/4	160,711	3/4	168,844	3/4	176,968	3/4	185,028	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	152,747	5	160,880	5	169,013	5	177,137	5	185,194	5	5	5	5	5	5	5	5	5	5
1/4	152,916	1/4	161,050	1/4	169,183	1/4	177,306	1/4	185,335	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,086	1/2	161,219	1/2	169,352	1/2	177,475	1/2	185,476	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,255	3/4	161,389	3/4	169,522	3/4	177,643	3/4	185,617	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	153,425	6	161,558	6	169,691	6	177,812	6	185,758	6	6	6	6	6	6	6	6	6	6
1/4	153,594	1/4	161,727	1/4	169,861	1/4	177,981	1/4	185,846	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,764	1/2	161,897	1/2	170,030	1/2	178,150	1/2	185,935	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,933	3/4	162,066	3/4	170,200	3/4	178,319	3/4	186,023	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	154,103	7	162,236	7	170,369	7	178,488	7	186,112	7	7	7	7	7	7	7	7	7	7
1/4	154,272	1/4	162,405	1/4	170,538	1/4	178,656	1/4	186,148	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,441	1/2	162,575	1/2	170,708	1/2	178,825	1/2	186,185	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,611	3/4	162,744	3/4	170,877	3/4	178,994	3/4	186,221	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	154,780	8	162,914	8	171,047	8	179,163	8	186,258	8	8	8	8	8	8	8	8	8	8
1/4	154,950	1/4	163,083	1/4	171,216	1/4	179,332	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,119	1/2	163,252	1/2	171,386	1/2	179,501	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,289	3/4	163,422	3/4	171,555	3/4	179,669	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	155,458	9	163,591	9	171,725	9	179,838	9		9	9	9	9	9	9	9	9	9	9
1/4	155,627	1/4	163,761	1/4	171,894	1/4	180,007	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,797	1/2	163,930	1/2	172,063	1/2	180,176	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,966	3/4	164,100	3/4	172,233	3/4	180,345	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	156,136	10	164,269	10	172,402	10	180,514	10		10	10	10	10	10	10	10	10	10	10
1/4	156,305	1/4	164,438	1/4	172,572	1/4	180,682	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,475	1/2	164,608	1/2	172,741	1/2	180,851	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,644	3/4	164,777	3/4	172,911	3/4	181,020	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	156,814	11	164,947	11	173,080	11	181,189	11		11	11	11	11	11	11	11	11	11	11
1/4	156,983	1/4	165,116	1/4	173,249	1/4	181,356	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,152	1/2	165,286	1/2	173,419	1/2	181,523	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,322	3/4	165,455	3/4	173,588	3/4	181,690	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: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "CBC 374"

## 3 STBD

### INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	958	0	15,106	0	30,206	0	44,814	0	59,644	0	74,719	0	89,814	0	104,907	0	119,991	0	135,031
1/4	1,142	1/4	15,421	1/4	30,521	1/4	45,115	1/4	59,956	1/4	75,034	1/4	90,129	1/4	105,221	1/4	120,305	1/4	135,343
1/2	1,325	1/2	15,735	1/2	30,836	1/2	45,415	1/2	60,267	1/2	75,348	1/2	90,443	1/2	105,536	1/2	120,619	1/2	135,656
3/4	1,509	3/4	16,050	3/4	31,150	3/4	45,716	3/4	60,579	3/4	75,663	3/4	90,758	3/4	105,850	3/4	120,933	3/4	135,968
1	1,693	1	16,364	1	31,465	1	46,016	1	60,891	1	75,977	1	91,072	1	106,165	1	121,247	1	136,280
1/4	1,929	1/4	16,679	1/4	31,779	1/4	46,316	1/4	61,203	1/4	76,292	1/4	91,386	1/4	106,479	1/4	121,560	1/4	136,593
1/2	2,165	1/2	16,994	1/2	32,094	1/2	46,617	1/2	61,515	1/2	76,606	1/2	91,701	1/2	106,794	1/2	121,874	1/2	136,905
3/4	2,400	3/4	17,308	3/4	32,409	3/4	46,917	3/4	61,827	3/4	76,921	3/4	92,015	3/4	107,108	3/4	122,187	3/4	137,218
2	2,636	2	17,623	2	32,723	2	47,218	2	62,139	2	77,235	2	92,330	2	107,422	2	122,501	2	137,530
1/4	2,924	1/4	17,937	1/4	33,038	1/4	47,518	1/4	62,453	1/4	77,550	1/4	92,644	1/4	107,737	1/4	122,814	1/4	137,842
1/2	3,212	1/2	18,252	1/2	33,352	1/2	47,818	1/2	62,768	1/2	77,864	1/2	92,959	1/2	108,051	1/2	123,128	1/2	138,155
3/4	3,500	3/4	18,567	3/4	33,667	3/4	48,119	3/4	63,082	3/4	78,179	3/4	93,273	3/4	108,366	3/4	123,441	3/4	138,467
3	3,787	3	18,881	3	33,982	3	48,419	3	63,397	3	78,493	3	93,587	3	108,680	3	123,755	3	138,780
1/4	4,101	1/4	19,196	1/4	34,284	1/4	48,732	1/4	63,711	1/4	78,808	1/4	93,902	1/4	108,995	1/4	124,068	1/4	139,093
1/2	4,414	1/2	19,510	1/2	34,587	1/2	49,044	1/2	64,026	1/2	79,122	1/2	94,216	1/2	109,309	1/2	124,382	1/2	139,406
3/4	4,727	3/4	19,825	3/4	34,890	3/4	49,356	3/4	64,340	3/4	79,437	3/4	94,531	3/4	109,623	3/4	124,695	3/4	139,719
4	5,040	4	20,139	4	35,192	4	49,669	4	64,655	4	79,751	4	94,845	4	109,938	4	125,009	4	140,032
1/4	5,354	1/4	20,454	1/4	35,494	1/4	49,980	1/4	64,970	1/4	80,066	1/4	95,160	1/4	110,252	1/4	125,323	1/4	140,345
1/2	5,669	1/2	20,769	1/2	35,795	1/2	50,291	1/2	65,284	1/2	80,380	1/2	95,474	1/2	110,566	1/2	125,636	1/2	140,658
3/4	5,983	3/4	21,083	3/4	36,097	3/4	50,602	3/4	65,599	3/4	80,695	3/4	95,789	3/4	110,881	3/4	125,950	3/4	140,971
5	6,298	5	21,398	5	36,398	5	50,913	5	65,913	5	81,009	5	96,103	5	111,195	5	126,263	5	141,284
1/4	6,612	1/4	21,712	1/4	36,700	1/4	51,224	1/4	66,228	1/4	81,324	1/4	96,417	1/4	111,510	1/4	126,577	1/4	141,597
1/2	6,927	1/2	22,027	1/2	37,001	1/2	51,535	1/2	66,542	1/2	81,638	1/2	96,732	1/2	111,824	1/2	126,890	1/2	141,910
3/4	7,241	3/4	22,342	3/4	37,303	3/4	51,847	3/4	66,857	3/4	81,953	3/4	97,046	3/4	112,138	3/4	127,204	3/4	142,223
6	7,556	6	22,656	6	37,604	6	52,158	6	67,171	6	82,267	6	97,361	6	112,453	6	127,517	6	142,536
1/4	7,870	1/4	22,971	1/4	37,905	1/4	52,470	1/4	67,486	1/4	82,582	1/4	97,675	1/4	112,767	1/4	127,831	1/4	142,849
1/2	8,185	1/2	23,285	1/2	38,205	1/2	52,782	1/2	67,800	1/2	82,896	1/2	97,990	1/2	113,081	1/2	128,144	1/2	143,162
3/4	8,500	3/4	23,600	3/4	38,506	3/4	53,094	3/4	68,115	3/4	83,211	3/4	98,304	3/4	113,396	3/4	128,458	3/4	143,475
7	8,814	7	23,915	7	38,806	7	53,405	7	68,429	7	83,525	7	98,618	7	113,710	7	128,771	7	143,788
1/4	9,129	1/4	24,229	1/4	39,107	1/4	53,717	1/4	68,744	1/4	83,840	1/4	98,933	1/4	114,024	1/4	129,085	1/4	144,101
1/2	9,443	1/2	24,544	1/2	39,407	1/2	54,029	1/2	69,058	1/2	84,154	1/2	99,247	1/2	114,339	1/2	129,399	1/2	144,414
3/4	9,758	3/4	24,858	3/4	39,707	3/4	54,341	3/4	69,373	3/4	84,469	3/4	99,562	3/4	114,653	3/4	129,713	3/4	144,727
8	10,073	8	25,173	8	40,008	8	54,653	8	69,687	8	84,783	8	99,876	8	114,968	8	130,027	8	145,041
1/4	10,387	1/4	25,488	1/4	40,308	1/4	54,965	1/4	70,002	1/4	85,098	1/4	100,191	1/4	115,282	1/4	130,340	1/4	145,354
1/2	10,702	1/2	25,802	1/2	40,609	1/2	55,277	1/2	70,316	1/2	85,412	1/2	100,505	1/2	115,597	1/2	130,654	1/2	145,667
3/4	11,016	3/4	26,117	3/4	40,909	3/4	55,589	3/4	70,631	3/4	85,727	3/4	100,819	3/4	115,911	3/4	130,968	3/4	145,980
9	11,331	9	26,431	9	41,209	9	55,901	9	70,945	9	86,041	9	101,134	9	116,225	9	131,282	9	146,293
1/4	11,645	1/4	26,746	1/4	41,510	1/4	56,213	1/4	71,260	1/4	86,356	1/4	101,448	1/4	116,539	1/4	131,594	1/4	146,462
1/2	11,960	1/2	27,061	1/2	41,810	1/2	56,525	1/2	71,574	1/2	86,670	1/2	101,763	1/2	116,853	1/2	131,907	1/2	146,630
3/4	12,275	3/4	27,375	3/4	42,111	3/4	56,836	3/4	71,889	3/4	86,984	3/4	102,077	3/4	117,167	3/4	132,219	3/4	146,799
10	12,589	10	27,690	10	42,411	10	57,148	10	72,203	10	87,299	10	102,392	10	117,481	10	132,532	10	146,968
1/4	12,904	1/4	28,004	1/4	42,711	1/4	57,460	1/4	72,518	1/4	87,613	1/4	102,706	1/4	117,795	1/4	132,844	1/4	147,137
1/2	13,218	1/2	28,319	1/2	43,012	1/2	57,772	1/2	72,832	1/2	87,928	1/2	103,020	1/2	118,108	1/2	133,156	1/2	147,306
3/4	13,533	3/4	28,633	3/4	43,312	3/4	58,084	3/4	73,147	3/4	88,242	3/4	103,335	3/4	118,422	3/4	133,469	3/4	147,475
11	13,848	11	28,948	11	43,613	11	58,396	11	73,461	11	88,557	11	103,649	11	118,736	11	133,781	11	147,644
1/4	14,162	1/4	29,263	1/4	43,913	1/4	58,708	1/4	73,776	1/4	88,871	1/4	103,964	1/4	119,050	1/4	134,094	1/4	147,812
1/2	14,477	1/2	29,577	1/2	44,213	1/2	59,020	1/2	74,090	1/2	89,185	1/2	104,278	1/2	119,364	1/2	134,406	1/2	147,981
3/4	14,791	3/4	29,892	3/4	44,514	3/4	59,332	3/4	74,405	3/4	89,500	3/4	104,593	3/4	119,678	3/4	134,718	3/4	148,150

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 374"

## 3 STBD 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	148,319	0	156,424	0	164,529	0	172,634	0	180,706	0		0		0		0		0	
1/4	148,488	1/4	156,593	1/4	164,698	1/4	172,803	1/4	180,872	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148,657	1/2	156,762	1/2	164,867	1/2	172,972	1/2	181,039	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	148,826	3/4	156,931	3/4	165,036	3/4	173,141	3/4	181,205	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	148,994	1	157,099	1	165,204	1	173,309	1	181,372	1	1	1	1	1	1	1	1	1	1
1/4	149,163	1/4	157,268	1/4	165,373	1/4	173,478	1/4	181,539	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,332	1/2	157,437	1/2	165,542	1/2	173,646	1/2	181,705	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,501	3/4	157,606	3/4	165,711	3/4	173,814	3/4	181,872	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	149,670	2	157,775	2	165,880	2	173,982	2	182,039	2	2	2	2	2	2	2	2	2	2
1/4	149,839	1/4	157,944	1/4	166,049	1/4	174,151	1/4	182,205	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,008	1/2	158,113	1/2	166,217	1/2	174,319	1/2	182,372	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,176	3/4	158,281	3/4	166,386	3/4	174,487	3/4	182,538	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	150,345	3	158,450	3	166,555	3	174,655	3	182,705	3	3	3	3	3	3	3	3	3	3
1/4	150,514	1/4	158,619	1/4	166,724	1/4	174,824	1/4	182,871	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,683	1/2	158,788	1/2	166,893	1/2	174,992	1/2	183,037	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,852	3/4	158,957	3/4	167,062	3/4	175,160	3/4	183,203	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	151,021	4	159,126	4	167,231	4	175,328	4	183,370	4	4	4	4	4	4	4	4	4	4
1/4	151,190	1/4	159,294	1/4	167,399	1/4	175,497	1/4	183,535	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,358	1/2	159,463	1/2	167,568	1/2	175,665	1/2	183,700	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,527	3/4	159,632	3/4	167,737	3/4	175,833	3/4	183,865	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	151,696	5	159,801	5	167,906	5	176,001	5	184,030	5	5	5	5	5	5	5	5	5	5
1/4	151,865	1/4	159,970	1/4	168,075	1/4	176,169	1/4	184,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,034	1/2	160,139	1/2	168,244	1/2	176,338	1/2	184,311	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,203	3/4	160,308	3/4	168,413	3/4	176,506	3/4	184,451	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	152,371	6	160,476	6	168,581	6	176,674	6	184,591	6	6	6	6	6	6	6	6	6	6
1/4	152,540	1/4	160,645	1/4	168,750	1/4	176,842	1/4	184,679	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,709	1/2	160,814	1/2	168,919	1/2	177,011	1/2	184,767	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,878	3/4	160,983	3/4	169,088	3/4	177,179	3/4	184,855	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	153,047	7	161,152	7	169,257	7	177,347	7	184,943	7	7	7	7	7	7	7	7	7	7
1/4	153,216	1/4	161,321	1/4	169,426	1/4	177,515	1/4	184,979	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,385	1/2	161,490	1/2	169,595	1/2	177,684	1/2	185,015	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,553	3/4	161,658	3/4	169,763	3/4	177,852	3/4	185,051	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	153,722	8	161,827	8	169,932	8	178,020	8	185,087	8	8	8	8	8	8	8	8	8	8
1/4	153,891	1/4	161,996	1/4	170,101	1/4	178,188	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,060	1/2	162,165	1/2	170,270	1/2	178,357	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,229	3/4	162,334	3/4	170,439	3/4	178,525	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	154,398	9	162,503	9	170,608	9	178,693	9		9	9	9	9	9	9	9	9	9	9
1/4	154,567	1/4	162,672	1/4	170,777	1/4	178,861	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,735	1/2	162,840	1/2	170,945	1/2	179,030	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,904	3/4	163,009	3/4	171,114	3/4	179,198	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	155,073	10	163,178	10	171,283	10	179,366	10		10	10	10	10	10	10	10	10	10	10
1/4	155,242	1/4	163,347	1/4	171,452	1/4	179,534	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,411	1/2	163,516	1/2	171,621	1/2	179,703	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,580	3/4	163,685	3/4	171,790	3/4	179,871	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	155,749	11	163,854	11	171,959	11	180,039	11		11	11	11	11	11	11	11	11	11	11
1/4	155,917	1/4	164,022	1/4	172,127	1/4	180,206	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,086	1/2	164,191	1/2	172,296	1/2	180,372	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,255	3/4	164,360	3/4	172,465	3/4	180,539	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: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 374"

## 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	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
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"

January 10, 2013

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 374"

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	222,109	0	208,006	0	192,820	0	177,599	0	162,378	0	147,157	0	131,936	0	116,715	0	101,491		
1/4	1/4	221,927	1/4	207,690	1/4	192,503	1/4	177,282	1/4	162,061	1/4	146,840	1/4	131,619	1/4	116,398	1/4	101,174			
1/2	1/2	221,745	1/2	207,375	1/2	192,185	1/2	176,965	1/2	161,744	1/2	146,523	1/2	131,302	1/2	116,081	1/2	100,857			
3/4	3/4	221,563	3/4	207,059	3/4	191,868	3/4	176,648	3/4	161,427	3/4	146,206	3/4	130,985	3/4	115,764	3/4	100,540			
1		1	221,381	1	206,743	1	191,551	1	176,330	1	161,110	1	145,889	1	130,668	1	115,447	1	100,222		
1/4	1/4	221,148	1/4	206,427	1/4	191,234	1/4	176,013	1/4	160,792	1/4	145,572	1/4	130,351	1/4	115,130	1/4	99,905			
1/2	1/2	220,914	1/2	206,111	1/2	190,917	1/2	175,696	1/2	160,475	1/2	145,255	1/2	130,034	1/2	114,813	1/2	99,588			
3/4	3/4	220,680	3/4	205,795	3/4	190,600	3/4	175,379	3/4	160,158	3/4	144,937	3/4	129,717	3/4	114,496	3/4	99,271			
2		2	220,447	2	205,479	2	190,283	2	175,062	2	159,841	2	144,620	2	129,399	2	114,179	2	98,954		
1/4	1/4	220,160	1/4	205,163	1/4	189,966	1/4	174,745	1/4	159,524	1/4	144,303	1/4	129,082	1/4	113,862	1/4	98,636			
1/2	1/2	219,874	1/2	204,847	1/2	189,649	1/2	174,428	1/2	159,207	1/2	143,986	1/2	128,765	1/2	113,544	1/2	98,319			
3/4	3/4	219,587	3/4	204,532	3/4	189,332	3/4	174,111	3/4	158,890	3/4	143,669	3/4	128,448	3/4	113,227	3/4	98,002			
3		3	219,301	3	204,216	3	189,014	3	173,794	3	158,573	3	143,352	3	128,131	3	112,910	3	97,685		
1/4	1/4	218,989	1/4	203,900	1/4	188,697	1/4	173,477	1/4	158,256	1/4	143,035	1/4	127,814	1/4	112,593	1/4	97,368			
1/2	1/2	218,678	1/2	203,584	1/2	188,380	1/2	173,159	1/2	157,939	1/2	142,718	1/2	127,497	1/2	112,276	1/2	97,050			
3/4	3/4	218,367	3/4	203,268	3/4	188,063	3/4	172,842	3/4	157,621	3/4	142,401	3/4	127,180	3/4	111,959	3/4	96,733			
4		4	218,055	4	202,952	4	187,746	4	172,525	4	157,304	4	142,084	4	126,863	4	111,642	4	96,416		
1/4	1/4	217,743	1/4	202,636	1/4	187,429	1/4	172,208	1/4	156,987	1/4	141,766	1/4	126,546	1/4	111,325	1/4	96,099			
1/2	1/2	217,430	1/2	202,320	1/2	187,112	1/2	171,891	1/2	156,670	1/2	141,449	1/2	126,228	1/2	111,008	1/2	95,781			
3/4	3/4	217,117	3/4	202,005	3/4	186,795	3/4	171,574	3/4	156,353	3/4	141,132	3/4	125,911	3/4	110,691	3/4	95,464			
5		5	216,805	5	201,689	5	186,478	5	171,257	5	156,036	5	140,815	5	125,594	5	110,373	5	95,147		
1/4	1/4	216,492	1/4	201,373	1/4	186,161	1/4	170,940	1/4	155,719	1/4	140,498	1/4	125,277	1/4	110,056	1/4	94,830			
1/2	1/2	216,179	1/2	201,057	1/2	185,843	1/2	170,623	1/2	155,402	1/2	140,181	1/2	124,960	1/2	109,739	1/2	94,513			
3/4	3/4	215,866	3/4	200,741	3/4	185,526	3/4	170,306	3/4	155,085	3/4	139,864	3/4	124,643	3/4	109,422	3/4	94,195			
6		6	215,553	6	200,425	6	185,209	6	169,988	6	154,768	6	139,547	6	124,326	6	109,105	6	93,878		
1/4	1/4	215,240	1/4	200,109	1/4	184,892	1/4	169,671	1/4	154,450	1/4	139,230	1/4	124,009	1/4	108,787	1/4	93,561			
1/2	1/2	214,927	1/2	199,793	1/2	184,575	1/2	169,354	1/2	154,133	1/2	138,913	1/2	123,692	1/2	108,470	1/2	93,244			
3/4	3/4	214,614	3/4	199,478	3/4	184,258	3/4	169,037	3/4	153,816	3/4	138,595	3/4	123,375	3/4	108,153	3/4	92,926			
7		7	214,301	7	199,162	7	183,941	7	168,720	7	153,499	7	138,278	7	123,057	7	107,836	7	92,609		
1/4	1/4	213,988	1/4	198,845	1/4	183,624	1/4	168,403	1/4	153,182	1/4	137,961	1/4	122,740	1/4	107,518	1/4	92,292			
1/2	1/2	213,675	1/2	198,527	1/2	183,307	1/2	168,086	1/2	152,865	1/2	137,644	1/2	122,423	1/2	107,201	1/2	91,975			
3/4	3/4	213,362	3/4	198,210	3/4	182,990	3/4	167,769	3/4	152,548	3/4	137,327	3/4	122,106	3/4	106,884	3/4	91,658			
8		8	213,049	8	197,893	8	182,672	8	167,452	8	152,231	8	137,010	8	121,789	8	106,567	8	91,340		
1/4	1/4	212,737	1/4	197,576	1/4	182,355	1/4	167,134	1/4	151,914	1/4	136,693	1/4	121,472	1/4	106,250	1/4	91,023			
1/2	1/2	212,424	1/2	197,259	1/2	182,038	1/2	166,817	1/2	151,597	1/2	136,376	1/2	121,155	1/2	105,932	1/2	90,706			
3/4	3/4	212,111	3/4	196,942	3/4	181,721	3/4	166,500	3/4	151,279	3/4	136,059	3/4	120,838	3/4	105,615	3/4	90,389			
9		9	211,798	9	196,625	9	181,404	9	166,183	9	150,962	9	135,742	9	120,521	9	105,298	9	90,072		
1/4	1/4	211,482	1/4	196,308	1/4	181,087	1/4	165,866	1/4	150,645	1/4	135,424	1/4	120,204	1/4	104,981	1/4	89,754			
1/2	1/2	211,166	1/2	195,991	1/2	180,770	1/2	165,549	1/2	150,328	1/2	135,107	1/2	119,886	1/2	104,664	1/2	89,437			
3/4	3/4	210,850	3/4	195,674	3/4	180,453	3/4	165,232	3/4	150,011	3/4	134,790	3/4	119,569	3/4	104,346	3/4	89,120			
10		10	210,534	10	195,356	10	180,136	10	164,915	10	149,694	10	134,473	10	119,252	10	104,029	10	88,803		
1/4	1/4	210,218	1/4	195,039	1/4	179,819	1/4	164,598	1/4	149,377	1/4	134,156	1/4	118,935	1/4	103,712	1/4	88,485			
1/2	1/2	209,902	1/2	194,722	1/2	179,501	1/2	164,281	1/2	149,060	1/2	133,839	1/2	118,618	1/2	103,395	1/2	88,168			
3/4	3/4	209,586	3/4	194,405	3/4	179,184	3/4	163,963	3/4	148,743	3/4	133,522	3/4	118,301	3/4	103,077	3/4	87,851			
11		11	209,270	11	194,088	11	178,867	11	163,646	11	148,426	11	133,205	11	117,984	11	102,760	11	87,534		
1/4	1/4	208,954	1/4	193,771	1/4	178,550	1/4	163,329	1/4	148,108	1/4	132,888	1/4	117,667	1/4	102,443	1/4	87,217			
1/2	1/2	208,638	1/2	193,454	1/2	178,233	1/2	163,012	1/2	147,791	1/2	132,570	1/2	117,350	1/2	102,126	1/2	86,899			
3/4	3/4	208,322	3/4	193,137	3/4	177,916	3/4	162,695	3/4	147,474	3/4	132,253	3/4	117,033	3/4	101,809	3/4	86,582			

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 41'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "CBC 374"

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,265	0	71,038	0	55,812	0	40,604	0	25,380	0	10,154	0		0		0		0	
1/4	85,948	1/4	70,721	1/4	55,495	1/4	40,287	1/4	25,063	1/4	9,837	1/4		1/4		1/4		1/4	
1/2	85,630	1/2	70,404	1/2	55,178	1/2	39,971	1/2	24,746	1/2	9,520	1/2		1/2		1/2		1/2	
3/4	85,313	3/4	70,087	3/4	54,860	3/4	39,654	3/4	24,429	3/4	9,203	3/4		3/4		3/4		3/4	
1	84,996	1	69,770	1	54,543	1	39,337	1	24,112	1	8,886	1		1		1		1	
1/4	84,679	1/4	69,452	1/4	54,226	1/4	39,020	1/4	23,794	1/4	8,568	1/4		1/4		1/4		1/4	
1/2	84,362	1/2	69,135	1/2	53,909	1/2	38,703	1/2	23,477	1/2	8,251	1/2		1/2		1/2		1/2	
3/4	84,044	3/4	68,818	3/4	53,591	3/4	38,386	3/4	23,160	3/4	7,934	3/4		3/4		3/4		3/4	
2	83,727	2	68,501	2	53,274	2	38,069	2	22,843	2	7,617	2		2		2		2	
1/4	83,410	1/4	68,184	1/4	52,957	1/4	37,751	1/4	22,525	1/4	7,300	1/4		1/4		1/4		1/4	
1/2	83,093	1/2	67,866	1/2	52,640	1/2	37,434	1/2	22,208	1/2	6,983	1/2		1/2		1/2		1/2	
3/4	82,776	3/4	67,549	3/4	52,323	3/4	37,117	3/4	21,891	3/4	6,665	3/4		3/4		3/4		3/4	
3	82,458	3	67,232	3	52,005	3	36,800	3	21,574	3	6,348	3		3		3		3	
1/4	82,141	1/4	66,915	1/4	51,689	1/4	36,482	1/4	21,257	1/4	6,031	1/4		1/4		1/4		1/4	
1/2	81,824	1/2	66,597	1/2	51,372	1/2	36,165	1/2	20,939	1/2	5,715	1/2		1/2		1/2		1/2	
3/4	81,507	3/4	66,280	3/4	51,055	3/4	35,848	3/4	20,622	3/4	5,398	3/4		3/4		3/4		3/4	
4	81,189	4	65,963	4	50,739	4	35,531	4	20,305	4	5,081	4		4		4		4	
1/4	80,872	1/4	65,646	1/4	50,422	1/4	35,214	1/4	19,988	1/4	4,765	1/4		1/4		1/4		1/4	
1/2	80,555	1/2	65,329	1/2	50,105	1/2	34,896	1/2	19,671	1/2	4,450	1/2		1/2		1/2		1/2	
3/4	80,238	3/4	65,011	3/4	49,788	3/4	34,579	3/4	19,353	3/4	4,134	3/4		3/4		3/4		3/4	
5	79,921	5	64,694	5	49,472	5	34,262	5	19,036	5	3,818	5		5		5		5	
1/4	79,603	1/4	64,377	1/4	49,155	1/4	33,945	1/4	18,719	1/4	3,528	1/4		1/4		1/4		1/4	
1/2	79,286	1/2	64,060	1/2	48,838	1/2	33,628	1/2	18,402	1/2	3,237	1/2		1/2		1/2		1/2	
3/4	78,969	3/4	63,742	3/4	48,522	3/4	33,310	3/4	18,085	3/4	2,946	3/4		3/4		3/4		3/4	
6	78,652	6	63,425	6	48,205	6	32,993	6	17,767	6	2,656	6		6		6		6	
1/4	78,334	1/4	63,108	1/4	47,888	1/4	32,676	1/4	17,450	1/4	2,418	1/4		1/4		1/4		1/4	
1/2	78,017	1/2	62,791	1/2	47,571	1/2	32,359	1/2	17,133	1/2	2,180	1/2		1/2		1/2		1/2	
3/4	77,700	3/4	62,474	3/4	47,255	3/4	32,042	3/4	16,816	3/4	1,942	3/4		3/4		3/4		3/4	
7	77,383	7	62,156	7	46,938	7	31,724	7	16,499	7	1,704	7		7		7		7	
1/4	77,066	1/4	61,839	1/4	46,621	1/4	31,407	1/4	16,181	1/4	1,519	1/4		1/4		1/4		1/4	
1/2	76,748	1/2	61,522	1/2	46,305	1/2	31,090	1/2	15,864	1/2	1,334	1/2		1/2		1/2		1/2	
3/4	76,431	3/4	61,205	3/4	45,988	3/4	30,773	3/4	15,547	3/4	1,149	3/4		3/4		3/4		3/4	
8	76,114	8	60,888	8	45,671	8	30,456	8	15,230	8	964	8		8		8		8	
1/4	75,797	1/4	60,570	1/4	45,355	1/4	30,138	1/4	14,913	1/4		1/4		1/4		1/4		1/4	
1/2	75,480	1/2	60,253	1/2	45,038	1/2	29,821	1/2	14,595	1/2		1/2		1/2		1/2		1/2	
3/4	75,162	3/4	59,936	3/4	44,721	3/4	29,504	3/4	14,278	3/4		3/4		3/4		3/4		3/4	
9	74,845	9	59,619	9	44,405	9	29,187	9	13,961	9		9		9		9		9	
1/4	74,528	1/4	59,301	1/4	44,088	1/4	28,870	1/4	13,644	1/4		1/4		1/4		1/4		1/4	
1/2	74,211	1/2	58,984	1/2	43,771	1/2	28,552	1/2	13,327	1/2		1/2		1/2		1/2		1/2	
3/4	73,893	3/4	58,667	3/4	43,454	3/4	28,235	3/4	13,009	3/4		3/4		3/4		3/4		3/4	
10	73,576	10	58,350	10	43,138	10	27,918	10	12,692	10		10		10		10		10	
1/4	73,259	1/4	58,033	1/4	42,821	1/4	27,601	1/4	12,375	1/4		1/4		1/4		1/4		1/4	
1/2	72,942	1/2	57,715	1/2	42,504	1/2	27,284	1/2	12,058	1/2		1/2		1/2		1/2		1/2	
3/4	72,625	3/4	57,398	3/4	42,188	3/4	26,966	3/4	11,741	3/4		3/4		3/4		3/4		3/4	
11	72,307	11	57,081	11	41,871	11	26,649	11	11,423	11		11		11		11		11	
1/4	71,990	1/4	56,764	1/4	41,554	1/4	26,332	1/4	11,106	1/4		1/4		1/4		1/4		1/4	
1/2	71,673	1/2	56,446	1/2	41,238	1/2	26,015	1/2	10,789	1/2		1/2		1/2		1/2		1/2	
3/4	71,356	3/4	56,129	3/4	40,921	3/4	25,698	3/4	10,472	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

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



# BARGE "CBC 374"

# 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	222,029	0	207,926	0	192,740	0	177,519	0	162,298	0	147,077	0	131,857	0	116,636	0	101,412
1/4	1/4	1/4	221,847	1/4	207,611	1/4	192,423	1/4	177,202	1/4	161,981	1/4	146,760	1/4	131,539	1/4	116,319	1/4	101,094
1/2	1/2	1/2	221,665	1/2	207,295	1/2	192,106	1/2	176,885	1/2	161,664	1/2	146,443	1/2	131,222	1/2	116,002	1/2	100,777
3/4	3/4	3/4	221,483	3/4	206,979	3/4	191,789	3/4	176,568	3/4	161,347	3/4	146,126	3/4	130,905	3/4	115,684	3/4	100,460
1		1	221,301	1	206,663	1	191,471	1	176,251	1	161,030	1	145,809	1	130,588	1	115,367	1	100,143
1/4	1/4	1/4	221,068	1/4	206,347	1/4	191,154	1/4	175,934	1/4	160,713	1/4	145,492	1/4	130,271	1/4	115,050	1/4	99,826
1/2	1/2	1/2	220,834	1/2	206,031	1/2	190,837	1/2	175,616	1/2	160,396	1/2	145,175	1/2	129,954	1/2	114,733	1/2	99,508
3/4	3/4	3/4	220,600	3/4	205,715	3/4	190,520	3/4	175,299	3/4	160,079	3/4	144,858	3/4	129,637	3/4	114,416	3/4	99,191
2		2	220,367	2	205,399	2	190,203	2	174,982	2	159,761	2	144,541	2	129,320	2	114,099	2	98,874
1/4	1/4	1/4	220,080	1/4	205,084	1/4	189,886	1/4	174,665	1/4	159,444	1/4	144,223	1/4	129,003	1/4	113,782	1/4	98,557
1/2	1/2	1/2	219,794	1/2	204,768	1/2	189,569	1/2	174,348	1/2	159,127	1/2	143,906	1/2	128,686	1/2	113,465	1/2	98,239
3/4	3/4	3/4	219,507	3/4	204,452	3/4	189,252	3/4	174,031	3/4	158,810	3/4	143,589	3/4	128,368	3/4	113,148	3/4	97,922
3		3	219,221	3	204,136	3	188,935	3	173,714	3	158,493	3	143,272	3	128,051	3	112,831	3	97,605
1/4	1/4	1/4	218,910	1/4	203,820	1/4	188,618	1/4	173,397	1/4	158,176	1/4	142,955	1/4	127,734	1/4	112,513	1/4	97,288
1/2	1/2	1/2	218,598	1/2	203,504	1/2	188,300	1/2	173,080	1/2	157,859	1/2	142,638	1/2	127,417	1/2	112,196	1/2	96,971
3/4	3/4	3/4	218,287	3/4	203,188	3/4	187,983	3/4	172,763	3/4	157,542	3/4	142,321	3/4	127,100	3/4	111,879	3/4	96,653
4		4	217,975	4	202,872	4	187,666	4	172,445	4	157,225	4	142,004	4	126,783	4	111,562	4	96,336
1/4	1/4	1/4	217,663	1/4	202,557	1/4	187,349	1/4	172,128	1/4	156,908	1/4	141,687	1/4	126,466	1/4	111,245	1/4	96,019
1/2	1/2	1/2	217,350	1/2	202,241	1/2	187,032	1/2	171,811	1/2	156,590	1/2	141,370	1/2	126,149	1/2	110,928	1/2	95,702
3/4	3/4	3/4	217,038	3/4	201,925	3/4	186,715	3/4	171,494	3/4	156,273	3/4	141,052	3/4	125,832	3/4	110,611	3/4	95,384
5		5	216,725	5	201,609	5	186,398	5	171,177	5	155,956	5	140,735	5	125,515	5	110,294	5	95,067
1/4	1/4	1/4	216,412	1/4	201,293	1/4	186,081	1/4	170,860	1/4	155,639	1/4	140,418	1/4	125,197	1/4	109,976	1/4	94,750
1/2	1/2	1/2	216,099	1/2	200,977	1/2	185,764	1/2	170,543	1/2	155,322	1/2	140,101	1/2	124,880	1/2	109,659	1/2	94,433
3/4	3/4	3/4	215,786	3/4	200,661	3/4	185,447	3/4	170,226	3/4	155,005	3/4	139,784	3/4	124,563	3/4	109,342	3/4	94,116
6		6	215,473	6	200,345	6	185,129	6	169,909	6	154,688	6	139,467	6	124,246	6	109,025	6	93,798
1/4	1/4	1/4	215,160	1/4	200,030	1/4	184,812	1/4	169,592	1/4	154,371	1/4	139,150	1/4	123,929	1/4	108,708	1/4	93,481
1/2	1/2	1/2	214,847	1/2	199,714	1/2	184,495	1/2	169,274	1/2	154,054	1/2	138,833	1/2	123,612	1/2	108,390	1/2	93,164
3/4	3/4	3/4	214,535	3/4	199,398	3/4	184,178	3/4	168,957	3/4	153,737	3/4	138,516	3/4	123,295	3/4	108,073	3/4	92,847
7		7	214,222	7	199,082	7	183,861	7	168,640	7	153,419	7	138,199	7	122,978	7	107,756	7	92,530
1/4	1/4	1/4	213,909	1/4	198,765	1/4	183,544	1/4	168,323	1/4	153,102	1/4	137,881	1/4	122,661	1/4	107,439	1/4	92,212
1/2	1/2	1/2	213,596	1/2	198,448	1/2	183,227	1/2	168,006	1/2	152,785	1/2	137,564	1/2	122,344	1/2	107,122	1/2	91,895
3/4	3/4	3/4	213,283	3/4	198,131	3/4	182,910	3/4	167,689	3/4	152,468	3/4	137,247	3/4	122,026	3/4	106,804	3/4	91,578
8		8	212,970	8	197,814	8	182,593	8	167,372	8	152,151	8	136,930	8	121,709	8	106,487	8	91,261
1/4	1/4	1/4	212,657	1/4	197,496	1/4	182,276	1/4	167,055	1/4	151,834	1/4	136,613	1/4	121,392	1/4	106,170	1/4	90,943
1/2	1/2	1/2	212,344	1/2	197,179	1/2	181,958	1/2	166,738	1/2	151,517	1/2	136,296	1/2	121,075	1/2	105,853	1/2	90,626
3/4	3/4	3/4	212,031	3/4	196,862	3/4	181,641	3/4	166,421	3/4	151,200	3/4	135,979	3/4	120,758	3/4	105,535	3/4	90,309
9		9	211,718	9	196,545	9	181,324	9	166,103	9	150,883	9	135,662	9	120,441	9	105,218	9	89,992
1/4	1/4	1/4	211,402	1/4	196,228	1/4	181,007	1/4	165,786	1/4	150,566	1/4	135,345	1/4	120,124	1/4	104,901	1/4	89,675
1/2	1/2	1/2	211,086	1/2	195,911	1/2	180,690	1/2	165,469	1/2	150,248	1/2	135,028	1/2	119,807	1/2	104,584	1/2	89,357
3/4	3/4	3/4	210,770	3/4	195,594	3/4	180,373	3/4	165,152	3/4	149,931	3/4	134,710	3/4	119,490	3/4	104,267	3/4	89,040
10		10	210,454	10	195,277	10	180,056	10	164,835	10	149,614	10	134,393	10	119,173	10	103,949	10	88,723
1/4	1/4	1/4	210,138	1/4	194,960	1/4	179,739	1/4	164,518	1/4	149,297	1/4	134,076	1/4	118,855	1/4	103,632	1/4	88,406
1/2	1/2	1/2	209,822	1/2	194,643	1/2	179,422	1/2	164,201	1/2	148,980	1/2	133,759	1/2	118,538	1/2	103,315	1/2	88,088
3/4	3/4	3/4	209,506	3/4	194,325	3/4	179,105	3/4	163,884	3/4	148,663	3/4	133,442	3/4	118,221	3/4	102,998	3/4	87,771
11		11	209,190	11	194,008	11	178,787	11	163,567	11	148,346	11	133,125	11	117,904	11	102,680	11	87,454
1/4	1/4	1/4	208,874	1/4	193,691	1/4	178,470	1/4	163,250	1/4	148,029	1/4	132,808	1/4	117,587	1/4	102,363	1/4	87,137
1/2	1/2	1/2	208,558	1/2	193,374	1/2	178,153	1/2	162,932	1/2	147,712	1/2	132,491	1/2	117,270	1/2	102,046	1/2	86,820
3/4	3/4	3/4	208,242	3/4	193,057	3/4	177,836	3/4	162,615	3/4	147,394	3/4	132,174	3/4	116,953	3/4	101,729	3/4	86,502

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 41'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CBC 374"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,185	0	70,959	0	55,732	0	40,591	0	25,380	0	10,154	0		0		0		0	
1/4	85,868	1/4	70,642	1/4	55,415	1/4	40,276	1/4	25,063	1/4	9,837	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,551	1/2	70,324	1/2	55,098	1/2	39,961	1/2	24,746	1/2	9,520	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,234	3/4	70,007	3/4	54,781	3/4	39,646	3/4	24,429	3/4	9,203	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,916	1	69,690	1	54,463	1	39,331	1	24,112	1	8,886	1	1	1	1	1	1	1	1
1/4	84,599	1/4	69,373	1/4	54,146	1/4	39,015	1/4	23,794	1/4	8,568	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,282	1/2	69,055	1/2	53,829	1/2	38,700	1/2	23,477	1/2	8,251	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,965	3/4	68,738	3/4	53,512	3/4	38,384	3/4	23,160	3/4	7,934	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,647	2	68,421	2	53,195	2	38,069	2	22,843	2	7,617	2	2	2	2	2	2	2	2
1/4	83,330	1/4	68,104	1/4	52,879	1/4	37,751	1/4	22,525	1/4	7,300	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,013	1/2	67,787	1/2	52,563	1/2	37,434	1/2	22,208	1/2	6,983	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,696	3/4	67,469	3/4	52,248	3/4	37,117	3/4	21,891	3/4	6,665	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,379	3	67,152	3	51,932	3	36,800	3	21,574	3	6,348	3	3	3	3	3	3	3	3
1/4	82,061	1/4	66,835	1/4	51,617	1/4	36,482	1/4	21,257	1/4	6,031	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,744	1/2	66,518	1/2	51,302	1/2	36,165	1/2	20,939	1/2	5,715	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,427	3/4	66,200	3/4	50,987	3/4	35,848	3/4	20,622	3/4	5,398	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,110	4	65,883	4	50,672	4	35,531	4	20,305	4	5,081	4	4	4	4	4	4	4	4
1/4	80,792	1/4	65,566	1/4	50,357	1/4	35,214	1/4	19,988	1/4	4,765	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,475	1/2	65,249	1/2	50,042	1/2	34,896	1/2	19,671	1/2	4,450	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,158	3/4	64,932	3/4	49,727	3/4	34,579	3/4	19,353	3/4	4,134	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,841	5	64,614	5	49,412	5	34,262	5	19,036	5	3,818	5	5	5	5	5	5	5	5
1/4	79,524	1/4	64,297	1/4	49,097	1/4	33,945	1/4	18,719	1/4	3,528	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,206	1/2	63,980	1/2	48,782	1/2	33,628	1/2	18,402	1/2	3,237	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,889	3/4	63,663	3/4	48,467	3/4	33,310	3/4	18,085	3/4	2,946	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,572	6	63,346	6	48,152	6	32,993	6	17,767	6	2,656	6	6	6	6	6	6	6	6
1/4	78,255	1/4	63,028	1/4	47,837	1/4	32,676	1/4	17,450	1/4	2,418	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,938	1/2	62,711	1/2	47,522	1/2	32,359	1/2	17,133	1/2	2,180	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,620	3/4	62,394	3/4	47,207	3/4	32,042	3/4	16,816	3/4	1,942	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,303	7	62,077	7	46,892	7	31,724	7	16,499	7	1,704	7	7	7	7	7	7	7	7
1/4	76,986	1/4	61,759	1/4	46,577	1/4	31,407	1/4	16,181	1/4	1,519	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,669	1/2	61,442	1/2	46,262	1/2	31,090	1/2	15,864	1/2	1,334	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,351	3/4	61,125	3/4	45,947	3/4	30,773	3/4	15,547	3/4	1,149	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,034	8	60,808	8	45,632	8	30,456	8	15,230	8	964	8	8	8	8	8	8	8	8
1/4	75,717	1/4	60,491	1/4	45,316	1/4	30,138	1/4	14,913	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,400	1/2	60,173	1/2	45,001	1/2	29,821	1/2	14,595	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,083	3/4	59,856	3/4	44,686	3/4	29,504	3/4	14,278	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,765	9	59,539	9	44,371	9	29,187	9	13,961	9		9	9	9	9	9	9	9	9
1/4	74,448	1/4	59,222	1/4	44,056	1/4	28,870	1/4	13,644	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,131	1/2	58,904	1/2	43,741	1/2	28,552	1/2	13,327	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,814	3/4	58,587	3/4	43,426	3/4	28,235	3/4	13,009	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,496	10	58,270	10	43,111	10	27,918	10	12,692	10		10	10	10	10	10	10	10	10
1/4	73,179	1/4	57,953	1/4	42,796	1/4	27,601	1/4	12,375	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,862	1/2	57,636	1/2	42,481	1/2	27,284	1/2	12,058	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,545	3/4	57,318	3/4	42,166	3/4	26,966	3/4	11,741	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,228	11	57,001	11	41,851	11	26,649	11	11,423	11		11	11	11	11	11	11	11	11
1/4	71,910	1/4	56,684	1/4	41,536	1/4	26,332	1/4	11,106	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,593	1/2	56,367	1/2	41,221	1/2	26,015	1/2	10,789	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,276	3/4	56,050	3/4	40,906	3/4	25,698	3/4	10,472	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: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

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



# BARGE "CBC 374"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	221,416	0	207,357	0	192,218	0	177,045	0	161,872	0	146,698	0	131,525	0	116,351	0	101,175		
1/4	1/4	221,235	1/4	207,043	1/4	191,902	1/4	176,729	1/4	161,555	1/4	146,382	1/4	131,209	1/4	116,035	1/4	100,859	1/4		
1/2	1/2	221,053	1/2	206,728	1/2	191,586	1/2	176,413	1/2	161,239	1/2	146,066	1/2	130,893	1/2	115,719	1/2	100,542	1/2		
3/4	3/4	220,872	3/4	206,413	3/4	191,270	3/4	176,097	3/4	160,923	3/4	145,750	3/4	130,576	3/4	115,403	3/4	100,226	3/4		
1		1	220,690	1	206,098	1	190,954	1	175,780	1	160,607	1	145,434	1	130,260	1	115,087	1	99,910		
1/4	1/4	220,457	1/4	205,783	1/4	190,638	1/4	175,464	1/4	160,291	1/4	145,118	1/4	129,944	1/4	114,771	1/4	99,594	1/4		
1/2	1/2	220,225	1/2	205,468	1/2	190,322	1/2	175,148	1/2	159,975	1/2	144,802	1/2	129,628	1/2	114,455	1/2	99,277	1/2		
3/4	3/4	219,992	3/4	205,153	3/4	190,006	3/4	174,832	3/4	159,659	3/4	144,485	3/4	129,312	3/4	114,139	3/4	98,961	3/4		
2		2	219,759	2	204,838	2	189,689	2	174,516	2	159,343	2	144,169	2	128,996	2	113,823	2	98,645		
1/4	1/4	219,473	1/4	204,523	1/4	189,373	1/4	174,200	1/4	159,027	1/4	143,853	1/4	128,680	1/4	113,506	1/4	98,329	1/4		
1/2	1/2	219,188	1/2	204,209	1/2	189,057	1/2	173,884	1/2	158,710	1/2	143,537	1/2	128,364	1/2	113,190	1/2	98,013	1/2		
3/4	3/4	218,902	3/4	203,894	3/4	188,741	3/4	173,568	3/4	158,394	3/4	143,221	3/4	128,048	3/4	112,874	3/4	97,696	3/4		
3		3	218,617	3	203,579	3	188,425	3	173,252	3	158,078	3	142,905	3	127,731	3	112,558	3	97,380		
1/4	1/4	218,306	1/4	203,264	1/4	188,109	1/4	172,935	1/4	157,762	1/4	142,589	1/4	127,415	1/4	112,242	1/4	97,064	1/4		
1/2	1/2	217,996	1/2	202,949	1/2	187,793	1/2	172,619	1/2	157,446	1/2	142,273	1/2	127,099	1/2	111,926	1/2	96,748	1/2		
3/4	3/4	217,685	3/4	202,634	3/4	187,477	3/4	172,303	3/4	157,130	3/4	141,957	3/4	126,783	3/4	111,610	3/4	96,431	3/4		
4		4	217,375	4	202,319	4	187,160	4	171,987	4	156,814	4	141,640	4	126,467	4	111,294	4	96,115		
1/4	1/4	217,063	1/4	202,004	1/4	186,844	1/4	171,671	1/4	156,498	1/4	141,324	1/4	126,151	1/4	110,978	1/4	95,799	1/4		
1/2	1/2	216,752	1/2	201,689	1/2	186,528	1/2	171,355	1/2	156,182	1/2	141,008	1/2	125,835	1/2	110,661	1/2	95,483	1/2		
3/4	3/4	216,440	3/4	201,375	3/4	186,212	3/4	171,039	3/4	155,865	3/4	140,692	3/4	125,519	3/4	110,345	3/4	95,166	3/4		
5		5	216,128	5	201,060	5	185,896	5	170,723	5	155,549	5	140,376	5	125,203	5	110,029	5	94,850		
1/4	1/4	215,816	1/4	200,745	1/4	185,580	1/4	170,407	1/4	155,233	1/4	140,060	1/4	124,886	1/4	109,713	1/4	94,534	1/4		
1/2	1/2	215,505	1/2	200,430	1/2	185,264	1/2	170,090	1/2	154,917	1/2	139,744	1/2	124,570	1/2	109,397	1/2	94,218	1/2		
3/4	3/4	215,193	3/4	200,115	3/4	184,948	3/4	169,774	3/4	154,601	3/4	139,428	3/4	124,254	3/4	109,081	3/4	93,902	3/4		
6		6	214,881	6	199,800	6	184,632	6	169,458	6	154,285	6	139,112	6	123,938	6	108,764	6	93,585		
1/4	1/4	214,569	1/4	199,485	1/4	184,315	1/4	169,142	1/4	153,969	1/4	138,795	1/4	123,622	1/4	108,448	1/4	93,269	1/4		
1/2	1/2	214,257	1/2	199,170	1/2	183,999	1/2	168,826	1/2	153,653	1/2	138,479	1/2	123,306	1/2	108,132	1/2	92,953	1/2		
3/4	3/4	213,945	3/4	198,855	3/4	183,683	3/4	168,510	3/4	153,337	3/4	138,163	3/4	122,990	3/4	107,816	3/4	92,637	3/4		
7		7	213,633	7	198,541	7	183,367	7	168,194	7	153,020	7	137,847	7	122,674	7	107,499	7	92,320		
1/4	1/4	213,321	1/4	198,224	1/4	183,051	1/4	167,878	1/4	152,704	1/4	137,531	1/4	122,358	1/4	107,183	1/4	92,004	1/4		
1/2	1/2	213,009	1/2	197,908	1/2	182,735	1/2	167,562	1/2	152,388	1/2	137,215	1/2	122,041	1/2	106,867	1/2	91,688	1/2		
3/4	3/4	212,697	3/4	197,592	3/4	182,419	3/4	167,245	3/4	152,072	3/4	136,899	3/4	121,725	3/4	106,551	3/4	91,372	3/4		
8		8	212,385	8	197,276	8	182,103	8	166,929	8	151,756	8	136,583	8	121,409	8	106,234	8	91,056		
1/4	1/4	212,073	1/4	196,960	1/4	181,787	1/4	166,613	1/4	151,440	1/4	136,266	1/4	121,093	1/4	105,918	1/4	90,739	1/4		
1/2	1/2	211,761	1/2	196,644	1/2	181,470	1/2	166,297	1/2	151,124	1/2	135,950	1/2	120,777	1/2	105,602	1/2	90,423	1/2		
3/4	3/4	211,449	3/4	196,328	3/4	181,154	3/4	165,981	3/4	150,808	3/4	135,634	3/4	120,461	3/4	105,286	3/4	90,107	3/4		
9		9	211,137	9	196,012	9	180,838	9	165,665	9	150,492	9	135,318	9	120,145	9	104,970	9	89,791		
1/4	1/4	210,822	1/4	195,696	1/4	180,522	1/4	165,349	1/4	150,175	1/4	135,002	1/4	119,829	1/4	104,653	1/4	89,474	1/4		
1/2	1/2	210,507	1/2	195,379	1/2	180,206	1/2	165,033	1/2	149,859	1/2	134,686	1/2	119,513	1/2	104,337	1/2	89,158	1/2		
3/4	3/4	210,192	3/4	195,063	3/4	179,890	3/4	164,717	3/4	149,543	3/4	134,370	3/4	119,196	3/4	104,021	3/4	88,842	3/4		
10		10	209,877	10	194,747	10	179,574	10	164,400	10	149,227	10	134,054	10	118,880	10	103,705	10	88,526		
1/4	1/4	209,562	1/4	194,431	1/4	179,258	1/4	164,084	1/4	148,911	1/4	133,738	1/4	118,564	1/4	103,388	1/4	88,209	1/4		
1/2	1/2	209,247	1/2	194,115	1/2	178,942	1/2	163,768	1/2	148,595	1/2	133,421	1/2	118,248	1/2	103,072	1/2	87,893	1/2		
3/4	3/4	208,932	3/4	193,799	3/4	178,625	3/4	163,452	3/4	148,279	3/4	133,105	3/4	117,932	3/4	102,756	3/4	87,577	3/4		
11		11	208,617	11	193,483	11	178,309	11	163,136	11	147,963	11	132,789	11	117,616	11	102,440	11	87,261		
1/4	1/4	208,302	1/4	193,167	1/4	177,993	1/4	162,820	1/4	147,647	1/4	132,473	1/4	117,300	1/4	102,124	1/4	86,945	1/4		
1/2	1/2	207,987	1/2	192,851	1/2	177,677	1/2	162,504	1/2	147,330	1/2	132,157	1/2	116,984	1/2	101,807	1/2	86,628	1/2		
3/4	3/4	207,672	3/4	192,534	3/4	177,361	3/4	162,188	3/4	147,014	3/4	131,841	3/4	116,668	3/4	101,491	3/4	86,312	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 374"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,996	0	70,817	0	55,638	0	40,478	0	25,301	0	10,123	0		0		0		0	
1/4	85,680	1/4	70,501	1/4	55,322	1/4	40,162	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	85,363	1/2	70,184	1/2	55,005	1/2	39,846	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	85,047	3/4	69,868	3/4	54,689	3/4	39,530	3/4	24,353	3/4	9,174	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,731	1	69,552	1	54,373	1	39,215	1	24,036	1	8,858	1	1	1	1	1	1	1	1
1/4	84,415	1/4	69,236	1/4	54,057	1/4	38,898	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	84,098	1/2	68,920	1/2	53,741	1/2	38,582	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	83,782	3/4	68,603	3/4	53,424	3/4	38,266	3/4	23,088	3/4	7,909	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,466	2	68,287	2	53,108	2	37,950	2	22,771	2	7,593	2	2	2	2	2	2	2	2
1/4	83,150	1/4	67,971	1/4	52,792	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	82,834	1/2	67,655	1/2	52,476	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	82,517	3/4	67,338	3/4	52,159	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
3	82,201	3	67,022	3	51,843	3	36,685	3	21,507	3	6,328	3	3	3	3	3	3	3	3
1/4	81,885	1/4	66,706	1/4	51,527	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	81,569	1/2	66,390	1/2	51,212	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	81,252	3/4	66,073	3/4	50,896	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
4	80,936	4	65,757	4	50,580	4	35,420	4	20,242	4	5,065	4	4	4	4	4	4	4	4
1/4	80,620	1/4	65,441	1/4	50,265	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	80,304	1/2	65,125	1/2	49,949	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	79,988	3/4	64,809	3/4	49,633	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
5	79,671	5	64,492	5	49,318	5	34,155	5	18,977	5	3,806	5	5	5	5	5	5	5	5
1/4	79,355	1/4	64,176	1/4	49,002	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	79,039	1/2	63,860	1/2	48,686	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	78,723	3/4	63,544	3/4	48,370	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
6	78,406	6	63,227	6	48,055	6	32,890	6	17,712	6	2,647	6	6	6	6	6	6	6	6
1/4	78,090	1/4	62,911	1/4	47,739	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	77,774	1/2	62,595	1/2	47,423	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	77,458	3/4	62,279	3/4	47,108	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
7	77,141	7	61,963	7	46,792	7	31,626	7	16,447	7	1,699	7	7	7	7	7	7	7	7
1/4	76,825	1/4	61,646	1/4	46,476	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	76,509	1/2	61,330	1/2	46,160	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	76,193	3/4	61,014	3/4	45,845	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
8	75,877	8	60,698	8	45,529	8	30,361	8	15,182	8	961	8	8	8	8	8	8	8	8
1/4	75,560	1/4	60,381	1/4	45,213	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	75,244	1/2	60,065	1/2	44,898	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	74,928	3/4	59,749	3/4	44,582	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
9	74,612	9	59,433	9	44,266	9	29,096	9	13,917	9		9	9	9	9	9	9	9	9
1/4	74,295	1/4	59,116	1/4	43,950	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	73,979	1/2	58,800	1/2	43,635	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	73,663	3/4	58,484	3/4	43,319	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
10	73,347	10	58,168	10	43,003	10	27,831	10	12,653	10		10	10	10	10	10	10	10	10
1/4	73,031	1/4	57,852	1/4	42,688	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	72,714	1/2	57,535	1/2	42,372	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	72,398	3/4	57,219	3/4	42,056	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
11	72,082	11	56,903	11	41,740	11	26,566	11	11,388	11		11	11	11	11	11	11	11	11
1/4	71,766	1/4	56,587	1/4	41,425	1/4	26,250	1/4	11,072	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,449	1/2	56,270	1/2	41,109	1/2	25,934	1/2	10,755	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,133	3/4	55,954	3/4	40,793	3/4	25,617	3/4	10,439	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: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

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



# BARGE "CBC 374"

## 2 STBD 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	207,005	0	191,867	0	176,694	0	161,520	0	146,347	0	131,174	0	116,000	0	100,824		
1/4	1/4	220,749	1/4	206,690	1/4	191,551	1/4	176,378	1/4	161,204	1/4	146,031	1/4	130,858	1/4	115,684	1/4	100,508	1/4		
1/2	1/2	220,568	1/2	206,375	1/2	191,235	1/2	176,062	1/2	160,888	1/2	145,715	1/2	130,542	1/2	115,368	1/2	100,191	1/2		
3/4	3/4	220,386	3/4	206,061	3/4	190,919	3/4	175,746	3/4	160,572	3/4	145,399	3/4	130,225	3/4	115,052	3/4	99,875	3/4		
1		220,205		205,746		190,603		175,429		160,256		145,083		129,909		114,736		99,559			
1/4	1/4	220,023	1/4	205,431	1/4	190,287	1/4	175,113	1/4	159,940	1/4	144,767	1/4	129,593	1/4	114,420	1/4	99,243	1/4		
1/2	1/2	219,790	1/2	205,116	1/2	189,971	1/2	174,797	1/2	159,624	1/2	144,450	1/2	129,277	1/2	114,104	1/2	98,927	1/2		
3/4	3/4	219,558	3/4	204,801	3/4	189,654	3/4	174,481	3/4	159,308	3/4	144,134	3/4	128,961	3/4	113,788	3/4	98,610	3/4		
2		219,325		204,486		189,338		174,165		158,992		143,818		128,645		113,471		98,294			
1/4	1/4	219,092	1/4	204,171	1/4	189,022	1/4	173,849	1/4	158,675	1/4	143,502	1/4	128,329	1/4	113,155	1/4	97,978	1/4		
1/2	1/2	218,806	1/2	203,856	1/2	188,706	1/2	173,533	1/2	158,359	1/2	143,186	1/2	128,013	1/2	112,839	1/2	97,662	1/2		
3/4	3/4	218,521	3/4	203,541	3/4	188,390	3/4	173,217	3/4	158,043	3/4	142,870	3/4	127,697	3/4	112,523	3/4	97,345	3/4		
3		218,235		203,226		188,074		172,901		157,727		142,554		127,380		112,207		97,029			
1/4	1/4	217,950	1/4	202,912	1/4	187,758	1/4	172,584	1/4	157,411	1/4	142,238	1/4	127,064	1/4	111,891	1/4	96,713	1/4		
1/2	1/2	217,639	1/2	202,597	1/2	187,442	1/2	172,268	1/2	157,095	1/2	141,922	1/2	126,748	1/2	111,575	1/2	96,397	1/2		
3/4	3/4	217,329	3/4	202,282	3/4	187,126	3/4	171,952	3/4	156,779	3/4	141,605	3/4	126,432	3/4	111,259	3/4	96,080	3/4		
4		217,018		201,967		186,809		171,636		156,463		141,289		126,116		110,943		95,764			
1/4	1/4	216,708	1/4	201,652	1/4	186,493	1/4	171,320	1/4	156,147	1/4	140,973	1/4	125,800	1/4	110,626	1/4	95,448	1/4		
1/2	1/2	216,396	1/2	201,337	1/2	186,177	1/2	171,004	1/2	155,830	1/2	140,657	1/2	125,484	1/2	110,310	1/2	95,132	1/2		
3/4	3/4	216,084	3/4	201,022	3/4	185,861	3/4	170,688	3/4	155,514	3/4	140,341	3/4	125,168	3/4	109,994	3/4	94,816	3/4		
5		215,773		200,707		185,545		170,372		155,198		140,025		124,852		109,678		94,499			
1/4	1/4	215,461	1/4	200,392	1/4	185,229	1/4	170,056	1/4	154,882	1/4	139,709	1/4	124,535	1/4	109,362	1/4	94,183	1/4		
1/2	1/2	215,149	1/2	200,078	1/2	184,913	1/2	169,739	1/2	154,566	1/2	139,393	1/2	124,219	1/2	109,046	1/2	93,867	1/2		
3/4	3/4	214,837	3/4	199,763	3/4	184,597	3/4	169,423	3/4	154,250	3/4	139,077	3/4	123,903	3/4	108,730	3/4	93,551	3/4		
6		214,526		199,448		184,281		169,107		153,934		138,760		123,587		108,413		93,234			
1/4	1/4	214,214	1/4	199,133	1/4	183,964	1/4	168,791	1/4	153,618	1/4	138,444	1/4	123,271	1/4	108,097	1/4	92,918	1/4		
1/2	1/2	213,902	1/2	198,818	1/2	183,648	1/2	168,475	1/2	153,302	1/2	138,128	1/2	122,955	1/2	107,781	1/2	92,602	1/2		
3/4	3/4	213,590	3/4	198,503	3/4	183,332	3/4	168,159	3/4	152,985	3/4	137,812	3/4	122,639	3/4	107,465	3/4	92,286	3/4		
7		213,278		198,188		183,016		167,843		152,669		137,496		122,323		107,148		91,969			
1/4	1/4	212,966	1/4	197,873	1/4	182,700	1/4	167,527	1/4	152,353	1/4	137,180	1/4	122,007	1/4	106,832	1/4	91,653	1/4		
1/2	1/2	212,654	1/2	197,557	1/2	182,384	1/2	167,210	1/2	152,037	1/2	136,864	1/2	121,690	1/2	106,516	1/2	91,337	1/2		
3/4	3/4	212,342	3/4	197,241	3/4	182,068	3/4	166,894	3/4	151,721	3/4	136,548	3/4	121,374	3/4	106,200	3/4	91,021	3/4		
8		212,030		196,925		181,752		166,578		151,405		136,232		121,058		105,884		90,705			
1/4	1/4	211,718	1/4	196,609	1/4	181,436	1/4	166,262	1/4	151,089	1/4	135,915	1/4	120,742	1/4	105,567	1/4	90,388	1/4		
1/2	1/2	211,406	1/2	196,293	1/2	181,119	1/2	165,946	1/2	150,773	1/2	135,599	1/2	120,426	1/2	105,251	1/2	90,072	1/2		
3/4	3/4	211,094	3/4	195,977	3/4	180,803	3/4	165,630	3/4	150,457	3/4	135,283	3/4	120,110	3/4	104,935	3/4	89,756	3/4		
9		210,782		195,661		180,487		165,314		150,140		134,967		119,794		104,619		89,440			
1/4	1/4	210,470	1/4	195,344	1/4	180,171	1/4	164,998	1/4	149,824	1/4	134,651	1/4	119,478	1/4	104,302	1/4	89,123	1/4		
1/2	1/2	210,155	1/2	195,028	1/2	179,855	1/2	164,682	1/2	149,508	1/2	134,335	1/2	119,162	1/2	103,986	1/2	88,807	1/2		
3/4	3/4	209,840	3/4	194,712	3/4	179,539	3/4	164,365	3/4	149,192	3/4	134,019	3/4	118,845	3/4	103,670	3/4	88,491	3/4		
10		209,525		194,396		179,223		164,049		148,876		133,703		118,529		103,354		88,175			
1/4	1/4	209,210	1/4	194,080	1/4	178,907	1/4	163,733	1/4	148,560	1/4	133,387	1/4	118,213	1/4	103,037	1/4	87,859	1/4		
1/2	1/2	208,895	1/2	193,764	1/2	178,591	1/2	163,417	1/2	148,244	1/2	133,070	1/2	117,897	1/2	102,721	1/2	87,542	1/2		
3/4	3/4	208,580	3/4	193,448	3/4	178,274	3/4	163,101	3/4	147,928	3/4	132,754	3/4	117,581	3/4	102,405	3/4	87,226	3/4		
11		208,265		193,132		177,958		162,785		147,612		132,438		117,265		102,089		86,910			
1/4	1/4	207,950	1/4	192,816	1/4	177,642	1/4	162,469	1/4	147,295	1/4	132,122	1/4	116,949	1/4	101,773	1/4	86,594	1/4		
1/2	1/2	207,635	1/2	192,499	1/2	177,326	1/2	162,153	1/2	146,979	1/2	131,806	1/2	116,633	1/2	101,456	1/2	86,277	1/2		
3/4	3/4	207,320	3/4	192,183	3/4	177,010	3/4	161,837	3/4	146,663	3/4	131,490	3/4	116,316	3/4	101,140	3/4	85,961	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 374"

## 2 STBD 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	85,645	0	70,466	0	55,287	0	40,668	0	25,617	0	10,439	0		0		0		0	
1/4	85,329	1/4	70,150	1/4	54,971	1/4	40,366	1/4	25,301	1/4	10,123	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,012	1/2	69,833	1/2	54,655	1/2	40,065	1/2	24,985	1/2	9,807	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,696	3/4	69,517	3/4	54,338	3/4	39,763	3/4	24,669	3/4	9,490	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,380	1	69,201	1	54,022	1	39,461	1	24,353	1	9,174	1	1	1	1	1	1	1	1
1/4	84,064	1/4	68,885	1/4	53,706	1/4	39,159	1/4	24,036	1/4	8,858	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,748	1/2	68,569	1/2	53,390	1/2	38,857	1/2	23,720	1/2	8,542	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,431	3/4	68,252	3/4	53,073	3/4	38,554	3/4	23,404	3/4	8,226	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,115	2	67,936	2	52,757	2	38,252	2	23,088	2	7,909	2	2	2	2	2	2	2	2
1/4	82,799	1/4	67,620	1/4	52,441	1/4	37,950	1/4	22,771	1/4	7,593	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,483	1/2	67,304	1/2	52,139	1/2	37,634	1/2	22,455	1/2	7,277	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,166	3/4	66,987	3/4	51,836	3/4	37,317	3/4	22,139	3/4	6,961	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,850	3	66,671	3	51,534	3	37,001	3	21,823	3	6,645	3	3	3	3	3	3	3	3
1/4	81,534	1/4	66,355	1/4	51,232	1/4	36,685	1/4	21,507	1/4	6,328	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,218	1/2	66,039	1/2	50,930	1/2	36,369	1/2	21,190	1/2	6,013	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,901	3/4	65,723	3/4	50,628	3/4	36,053	3/4	20,874	3/4	5,697	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,585	4	65,406	4	50,326	4	35,736	4	20,558	4	5,381	4	4	4	4	4	4	4	4
1/4	80,269	1/4	65,090	1/4	50,024	1/4	35,420	1/4	20,242	1/4	5,065	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,953	1/2	64,774	1/2	49,723	1/2	35,104	1/2	19,926	1/2	4,751	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,637	3/4	64,458	3/4	49,421	3/4	34,788	3/4	19,609	3/4	4,436	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,320	5	64,141	5	49,119	5	34,471	5	19,293	5	4,121	5	5	5	5	5	5	5	5
1/4	79,004	1/4	63,825	1/4	48,817	1/4	34,155	1/4	18,977	1/4	3,806	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,688	1/2	63,509	1/2	48,515	1/2	33,839	1/2	18,661	1/2	3,517	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,372	3/4	63,193	3/4	48,213	3/4	33,523	3/4	18,344	3/4	3,227	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,055	6	62,876	6	47,912	6	33,207	6	18,028	6	2,937	6	6	6	6	6	6	6	6
1/4	77,739	1/4	62,560	1/4	47,610	1/4	32,890	1/4	17,712	1/4	2,647	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,423	1/2	62,244	1/2	47,308	1/2	32,574	1/2	17,396	1/2	2,410	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,107	3/4	61,928	3/4	47,006	3/4	32,258	3/4	17,080	3/4	2,173	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	76,791	7	61,612	7	46,704	7	31,942	7	16,763	7	1,936	7	7	7	7	7	7	7	7
1/4	76,474	1/4	61,295	1/4	46,403	1/4	31,626	1/4	16,447	1/4	1,699	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,158	1/2	60,979	1/2	46,101	1/2	31,309	1/2	16,131	1/2	1,514	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,842	3/4	60,663	3/4	45,799	3/4	30,993	3/4	15,815	3/4	1,330	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,526	8	60,347	8	45,497	8	30,677	8	15,499	8	1,146	8	8	8	8	8	8	8	8
1/4	75,209	1/4	60,030	1/4	45,195	1/4	30,361	1/4	15,182	1/4	961	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,893	1/2	59,714	1/2	44,894	1/2	30,044	1/2	14,866	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,577	3/4	59,398	3/4	44,592	3/4	29,728	3/4	14,550	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,261	9	59,082	9	44,290	9	29,412	9	14,234	9		9	9	9	9	9	9	9	9
1/4	73,944	1/4	58,765	1/4	43,988	1/4	29,096	1/4	13,917	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,628	1/2	58,449	1/2	43,686	1/2	28,780	1/2	13,601	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,312	3/4	58,133	3/4	43,384	3/4	28,463	3/4	13,285	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	72,996	10	57,817	10	43,083	10	28,147	10	12,969	10		10	10	10	10	10	10	10	10
1/4	72,680	1/4	57,501	1/4	42,781	1/4	27,831	1/4	12,653	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,363	1/2	57,184	1/2	42,479	1/2	27,515	1/2	12,336	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,047	3/4	56,868	3/4	42,177	3/4	27,199	3/4	12,020	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	71,731	11	56,552	11	41,875	11	26,882	11	11,704	11		11	11	11	11	11	11	11	11
1/4	71,415	1/4	56,236	1/4	41,574	1/4	26,566	1/4	11,388	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,098	1/2	55,919	1/2	41,272	1/2	26,250	1/2	11,071	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,782	3/4	55,603	3/4	40,970	3/4	25,934	3/4	10,755	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: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

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



# BARGE "CBC 374"

# 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	179,501	0	171,386	0	163,252	0	155,119	0	146,698	0	131,657	0	116,563	0	101,444		
1/4	1/4	1/4	1/4	1/4	179,332	1/4	171,216	1/4	163,083	1/4	154,950	1/4	146,384	1/4	131,342	1/4	116,248	1/4	101,128		
1/2	1/2	1/2	186,258	1/2	179,163	1/2	171,047	1/2	162,914	1/2	154,780	1/2	146,070	1/2	131,028	1/2	115,933	1/2	100,813		
3/4	3/4	3/4	186,221	3/4	178,994	3/4	170,877	3/4	162,744	3/4	154,611	3/4	145,757	3/4	130,714	3/4	115,618	3/4	100,498		
1		1	186,185	1	178,825	1	170,708	1	162,575	1	154,441	1	145,443	1	130,399	1	115,303	1	100,183		
1/4	1/4	1/4	186,148	1/4	178,656	1/4	170,538	1/4	162,405	1/4	154,272	1/4	145,129	1/4	130,085	1/4	114,988	1/4	99,868		
1/2	1/2	1/2	186,112	1/2	178,488	1/2	170,369	1/2	162,236	1/2	154,103	1/2	144,816	1/2	129,770	1/2	114,673	1/2	99,553		
3/4	3/4	3/4	186,023	3/4	178,319	3/4	170,200	3/4	162,066	3/4	153,933	3/4	144,502	3/4	129,456	3/4	114,358	3/4	99,238		
2		2	185,935	2	178,150	2	170,030	2	161,897	2	153,764	2	144,188	2	129,142	2	114,043	2	98,923		
1/4	1/4	1/4	185,846	1/4	177,981	1/4	169,861	1/4	161,727	1/4	153,594	1/4	143,875	1/4	128,827	1/4	113,729	1/4	98,608		
1/2	1/2	1/2	185,758	1/2	177,812	1/2	169,691	1/2	161,558	1/2	153,425	1/2	143,561	1/2	128,513	1/2	113,414	1/2	98,293		
3/4	3/4	3/4	185,617	3/4	177,643	3/4	169,522	3/4	161,389	3/4	153,255	3/4	143,247	3/4	128,198	3/4	113,099	3/4	97,978		
3		3	185,476	3	177,475	3	169,352	3	161,219	3	153,086	3	142,934	3	127,884	3	112,784	3	97,663		
1/4	1/4	1/4	185,335	1/4	177,306	1/4	169,183	1/4	161,050	1/4	152,916	1/4	142,620	1/4	127,569	1/4	112,469	1/4	97,348		
1/2	1/2	1/2	185,194	1/2	177,137	1/2	169,013	1/2	160,880	1/2	152,747	1/2	142,307	1/2	127,255	1/2	112,154	1/2	97,033		
3/4	3/4	3/4	185,028	3/4	176,968	3/4	168,844	3/4	160,711	3/4	152,578	3/4	141,993	3/4	126,941	3/4	111,839	3/4	96,718		
4		4	184,863	4	176,799	4	168,675	4	160,541	4	152,408	4	141,679	4	126,626	4	111,524	4	96,403		
1/4	1/4	1/4	184,697	1/4	176,630	1/4	168,505	1/4	160,372	1/4	152,239	1/4	141,366	1/4	126,312	1/4	111,209	1/4	96,088		
1/2	1/2	1/2	184,531	1/2	176,462	1/2	168,336	1/2	160,202	1/2	152,069	1/2	141,052	1/2	125,997	1/2	110,894	1/2	95,773		
3/4	3/4	3/4	184,364	3/4	176,293	3/4	168,166	3/4	160,033	3/4	151,900	3/4	140,738	3/4	125,683	3/4	110,579	3/4	95,458		
5		5	184,198	5	176,124	5	167,997	5	159,864	5	151,730	5	140,425	5	125,368	5	110,264	5	95,143		
1/4	1/4	1/4	184,031	1/4	175,955	1/4	167,827	1/4	159,694	1/4	151,561	1/4	140,111	1/4	125,054	1/4	109,949	1/4	94,828		
1/2	1/2	1/2	183,864	1/2	175,786	1/2	167,658	1/2	159,525	1/2	151,391	1/2	139,797	1/2	124,740	1/2	109,634	1/2	94,513		
3/4	3/4	3/4	183,697	3/4	175,617	3/4	167,488	3/4	159,355	3/4	151,222	3/4	139,484	3/4	124,425	3/4	109,319	3/4	94,198		
6		6	183,530	6	175,449	6	167,319	6	159,186	6	151,053	6	139,171	6	124,111	6	109,004	6	93,883		
1/4	1/4	1/4	183,363	1/4	175,280	1/4	167,150	1/4	159,016	1/4	150,883	1/4	138,858	1/4	123,796	1/4	108,689	1/4	93,568		
1/2	1/2	1/2	183,195	1/2	175,111	1/2	166,980	1/2	158,847	1/2	150,714	1/2	138,546	1/2	123,482	1/2	108,374	1/2	93,253		
3/4	3/4	3/4	183,028	3/4	174,942	3/4	166,811	3/4	158,677	3/4	150,544	3/4	138,233	3/4	123,167	3/4	108,059	3/4	92,938		
7		7	182,861	7	174,773	7	166,641	7	158,508	7	150,375	7	137,920	7	122,853	7	107,744	7	92,623		
1/4	1/4	1/4	182,694	1/4	174,604	1/4	166,472	1/4	158,339	1/4	150,205	1/4	137,607	1/4	122,539	1/4	107,429	1/4	92,308		
1/2	1/2	1/2	182,527	1/2	174,436	1/2	166,302	1/2	158,169	1/2	150,036	1/2	137,294	1/2	122,224	1/2	107,114	1/2	91,993		
3/4	3/4	3/4	182,359	3/4	174,266	3/4	166,133	3/4	158,000	3/4	149,866	3/4	136,981	3/4	121,910	3/4	106,799	3/4	91,678		
8		8	182,192	8	174,097	8	165,963	8	157,830	8	149,697	8	136,668	8	121,595	8	106,484	8	91,363		
1/4	1/4	1/4	182,025	1/4	173,927	1/4	165,794	1/4	157,661	1/4	149,528	1/4	136,355	1/4	121,281	1/4	106,169	1/4	91,048		
1/2	1/2	1/2	181,858	1/2	173,758	1/2	165,625	1/2	157,491	1/2	149,358	1/2	136,042	1/2	120,966	1/2	105,854	1/2	90,733		
3/4	3/4	3/4	181,690	3/4	173,588	3/4	165,455	3/4	157,322	3/4	149,189	3/4	135,729	3/4	120,652	3/4	105,539	3/4	90,418		
9		9	181,523	9	173,419	9	165,286	9	157,152	9	149,019	9	135,416	9	120,338	9	105,224	9	90,103		
1/4	1/4	1/4	181,356	1/4	173,249	1/4	165,116	1/4	156,983	1/4	148,850	1/4	135,103	1/4	120,023	1/4	104,909	1/4	89,788		
1/2	1/2	1/2	181,189	1/2	173,080	1/2	164,947	1/2	156,814	1/2	148,680	1/2	134,790	1/2	119,709	1/2	104,594	1/2	89,473		
3/4	3/4	3/4	181,020	3/4	172,911	3/4	164,777	3/4	156,644	3/4	148,511	3/4	134,477	3/4	119,394	3/4	104,279	3/4	89,158		
10		10	180,851	10	172,741	10	164,608	10	156,475	10	148,341	10	134,164	10	119,080	10	103,964	10	88,843		
1/4	1/4	1/4	180,682	1/4	172,572	1/4	164,438	1/4	156,305	1/4	148,172	1/4	133,851	1/4	118,766	1/4	103,649	1/4	88,528		
1/2	1/2	1/2	180,514	1/2	172,402	1/2	164,269	1/2	156,136	1/2	148,003	1/2	133,538	1/2	118,451	1/2	103,334	1/2	88,213		
3/4	3/4	3/4	180,345	3/4	172,233	3/4	164,100	3/4	155,966	3/4	147,833	3/4	133,225	3/4	118,137	3/4	103,019	3/4	87,898		
11		11	180,176	11	172,063	11	163,930	11	155,797	11	147,664	11	132,912	11	117,822	11	102,704	11	87,583		
1/4	1/4	1/4	180,007	1/4	171,894	1/4	163,761	1/4	155,627	1/4	147,494	1/4	132,599	1/4	117,508	1/4	102,389	1/4	87,268		
1/2	1/2	1/2	179,838	1/2	171,725	1/2	163,591	1/2	155,458	1/2	147,325	1/2	132,286	1/2	117,193	1/2	102,074	1/2	86,953		
3/4	3/4	3/4	179,669	3/4	171,555	3/4	163,422	3/4	155,289	3/4	147,011	3/4	131,971	3/4	116,878	3/4	101,759	3/4	86,638		

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 374"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,323	0	71,198	0	56,074	0	40,961	0	25,841	0	10,717	0		0		0		0	
1/4	86,008	1/4	70,883	1/4	55,758	1/4	40,647	1/4	25,526	1/4	10,402	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,693	1/2	70,568	1/2	55,443	1/2	40,332	1/2	25,211	1/2	10,087	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,377	3/4	70,253	3/4	55,128	3/4	40,017	3/4	24,896	3/4	9,772	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,062	1	69,938	1	54,813	1	39,703	1	24,581	1	9,457	1	1	1	1	1	1	1	1
1/4	84,747	1/4	69,623	1/4	54,498	1/4	39,388	1/4	24,265	1/4	9,141	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,432	1/2	69,308	1/2	54,183	1/2	39,073	1/2	23,950	1/2	8,826	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,117	3/4	68,992	3/4	53,868	3/4	38,758	3/4	23,635	3/4	8,511	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,802	2	68,677	2	53,553	2	38,444	2	23,320	2	8,196	2	2	2	2	2	2	2	2
1/4	83,487	1/4	68,362	1/4	53,238	1/4	38,129	1/4	23,005	1/4	7,881	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,172	1/2	68,047	1/2	52,923	1/2	37,814	1/2	22,690	1/2	7,566	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,857	3/4	67,732	3/4	52,608	3/4	37,499	3/4	22,375	3/4	7,251	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,542	3	67,417	3	52,292	3	37,184	3	22,060	3	6,936	3	3	3	3	3	3	3	3
1/4	82,226	1/4	67,102	1/4	51,977	1/4	36,869	1/4	21,745	1/4	6,621	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,911	1/2	66,787	1/2	51,662	1/2	36,554	1/2	21,430	1/2	6,306	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,596	3/4	66,472	3/4	51,347	3/4	36,239	3/4	21,115	3/4	5,991	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,281	4	66,157	4	51,032	4	35,924	4	20,800	4	5,677	4	4	4	4	4	4	4	4
1/4	80,966	1/4	65,842	1/4	50,717	1/4	35,608	1/4	20,484	1/4	5,362	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,651	1/2	65,526	1/2	50,402	1/2	35,293	1/2	20,169	1/2	5,047	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,336	3/4	65,211	3/4	50,088	3/4	34,978	3/4	19,854	3/4	4,734	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,021	5	64,896	5	49,773	5	34,663	5	19,539	5	4,420	5	5	5	5	5	5	5	5
1/4	79,706	1/4	64,581	1/4	49,458	1/4	34,348	1/4	19,224	1/4	4,107	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,391	1/2	64,266	1/2	49,144	1/2	34,033	1/2	18,909	1/2	3,793	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,076	3/4	63,951	3/4	48,829	3/4	33,718	3/4	18,594	3/4	3,504	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,760	6	63,636	6	48,514	6	33,403	6	18,279	6	3,216	6	6	6	6	6	6	6	6
1/4	78,445	1/4	63,321	1/4	48,199	1/4	33,088	1/4	17,964	1/4	2,927	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,130	1/2	63,006	1/2	47,885	1/2	32,773	1/2	17,649	1/2	2,638	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,815	3/4	62,691	3/4	47,570	3/4	32,458	3/4	17,334	3/4	2,402	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,500	7	62,375	7	47,255	7	32,143	7	17,019	7	2,165	7	7	7	7	7	7	7	7
1/4	77,185	1/4	62,060	1/4	46,941	1/4	31,827	1/4	16,703	1/4	1,929	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,870	1/2	61,745	1/2	46,626	1/2	31,512	1/2	16,388	1/2	1,693	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,555	3/4	61,430	3/4	46,311	3/4	31,197	3/4	16,073	3/4	1,509	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,240	8	61,115	8	45,997	8	30,882	8	15,758	8	1,325	8	8	8	8	8	8	8	8
1/4	75,925	1/4	60,800	1/4	45,682	1/4	30,567	1/4	15,443	1/4	1,142	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,609	1/2	60,485	1/2	45,367	1/2	30,252	1/2	15,128	1/2	958	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,294	3/4	60,170	3/4	45,053	3/4	29,937	3/4	14,813	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,979	9	59,855	9	44,738	9	29,622	9	14,498	9		9	9	9	9	9	9	9	9
1/4	74,664	1/4	59,540	1/4	44,423	1/4	29,307	1/4	14,183	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,349	1/2	59,225	1/2	44,108	1/2	28,992	1/2	13,868	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,034	3/4	58,909	3/4	43,794	3/4	28,677	3/4	13,553	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,719	10	58,594	10	43,479	10	28,362	10	13,238	10		10	10	10	10	10	10	10	10
1/4	73,404	1/4	58,279	1/4	43,164	1/4	28,046	1/4	12,922	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,089	1/2	57,964	1/2	42,850	1/2	27,731	1/2	12,607	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,774	3/4	57,649	3/4	42,535	3/4	27,416	3/4	12,292	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,459	11	57,334	11	42,220	11	27,101	11	11,977	11		11	11	11	11	11	11	11	11
1/4	72,143	1/4	57,019	1/4	41,906	1/4	26,786	1/4	11,662	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,828	1/2	56,704	1/2	41,591	1/2	26,471	1/2	11,347	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,513	3/4	56,389	3/4	41,276	3/4	26,156	3/4	11,032	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: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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Pearland, Texas 77588  
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# BARGE "CBC 374"

## 3 STBD

### 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	178,188	0	170,101	0	161,996	0	153,891	0	145,354	0	130,340	0	115,282	0	100,191		
1/4	1/4	185,087	1/4	178,020	1/4	169,932	1/4	161,827	1/4	153,722	1/4	145,041	1/4	130,027	1/4	114,968	1/4	99,876	1/4		
1/2	1/2	185,051	1/2	177,852	1/2	169,763	1/2	161,658	1/2	153,553	1/2	144,727	1/2	129,713	1/2	114,653	1/2	99,562	1/2		
3/4	3/4	185,015	3/4	177,684	3/4	169,595	3/4	161,490	3/4	153,385	3/4	144,414	3/4	129,399	3/4	114,339	3/4	99,247	3/4		
1		184,979		177,515		169,426		161,321		153,216		144,101		129,085		114,024		98,933			
1/4	1/4	184,943	1/4	177,347	1/4	169,257	1/4	161,152	1/4	153,047	1/4	143,788	1/4	128,771	1/4	113,710	1/4	98,618	1/4		
1/2	1/2	184,855	1/2	177,179	1/2	169,088	1/2	160,983	1/2	152,878	1/2	143,475	1/2	128,458	1/2	113,396	1/2	98,304	1/2		
3/4	3/4	184,767	3/4	177,011	3/4	168,919	3/4	160,814	3/4	152,709	3/4	143,162	3/4	128,144	3/4	113,081	3/4	97,990	3/4		
2		184,679		176,842		168,750		160,645		152,540		142,849		127,831		112,767		97,675			
1/4	1/4	184,591	1/4	176,674	1/4	168,581	1/4	160,476	1/4	152,371	1/4	142,536	1/4	127,517	1/4	112,453	1/4	97,361	1/4		
1/2	1/2	184,451	1/2	176,506	1/2	168,413	1/2	160,308	1/2	152,203	1/2	142,223	1/2	127,204	1/2	112,138	1/2	97,046	1/2		
3/4	3/4	184,311	3/4	176,338	3/4	168,244	3/4	160,139	3/4	152,034	3/4	141,910	3/4	126,890	3/4	111,824	3/4	96,732	3/4		
3		184,170		176,169		168,075		159,970		151,865		141,597		126,577		111,510		96,417			
1/4	1/4	184,030	1/4	176,001	1/4	167,906	1/4	159,801	1/4	151,696	1/4	141,284	1/4	126,263	1/4	111,195	1/4	96,103	1/4		
1/2	1/2	183,865	1/2	175,833	1/2	167,737	1/2	159,632	1/2	151,527	1/2	140,971	1/2	125,950	1/2	110,881	1/2	95,789	1/2		
3/4	3/4	183,700	3/4	175,665	3/4	167,568	3/4	159,463	3/4	151,358	3/4	140,658	3/4	125,636	3/4	110,566	3/4	95,474	3/4		
4		183,535		175,497		167,399		159,294		151,190		140,345		125,323		110,252		95,160			
1/4	1/4	183,370	1/4	175,328	1/4	167,231	1/4	159,126	1/4	151,021	1/4	140,032	1/4	125,009	1/4	109,938	1/4	94,845	1/4		
1/2	1/2	183,203	1/2	175,160	1/2	167,062	1/2	158,957	1/2	150,852	1/2	139,719	1/2	124,695	1/2	109,623	1/2	94,531	1/2		
3/4	3/4	183,037	3/4	174,992	3/4	166,893	3/4	158,788	3/4	150,683	3/4	139,406	3/4	124,382	3/4	109,309	3/4	94,216	3/4		
5		182,871		174,824		166,724		158,619		150,514		139,093		124,068		108,995		93,902			
1/4	1/4	182,705	1/4	174,655	1/4	166,555	1/4	158,450	1/4	150,345	1/4	138,780	1/4	123,755	1/4	108,680	1/4	93,587	1/4		
1/2	1/2	182,538	1/2	174,487	1/2	166,386	1/2	158,281	1/2	150,176	1/2	138,467	1/2	123,441	1/2	108,366	1/2	93,273	1/2		
3/4	3/4	182,372	3/4	174,319	3/4	166,217	3/4	158,113	3/4	150,008	3/4	138,155	3/4	123,128	3/4	108,051	3/4	92,959	3/4		
6		182,205		174,151		166,049		157,944		149,839		137,842		122,814		107,737		92,644			
1/4	1/4	182,039	1/4	173,982	1/4	165,880	1/4	157,775	1/4	149,670	1/4	137,530	1/4	122,501	1/4	107,422	1/4	92,330	1/4		
1/2	1/2	181,872	1/2	173,814	1/2	165,711	1/2	157,606	1/2	149,501	1/2	137,218	1/2	122,187	1/2	107,108	1/2	92,015	1/2		
3/4	3/4	181,705	3/4	173,646	3/4	165,542	3/4	157,437	3/4	149,332	3/4	136,905	3/4	121,874	3/4	106,794	3/4	91,701	3/4		
7		181,539		173,478		165,373		157,268		149,163		136,593		121,560		106,479		91,386			
1/4	1/4	181,372	1/4	173,309	1/4	165,204	1/4	157,099	1/4	148,994	1/4	136,280	1/4	121,247	1/4	106,165	1/4	91,072	1/4		
1/2	1/2	181,205	1/2	173,141	1/2	165,036	1/2	156,931	1/2	148,826	1/2	135,968	1/2	120,933	1/2	105,850	1/2	90,758	1/2		
3/4	3/4	181,039	3/4	172,972	3/4	164,867	3/4	156,762	3/4	148,657	3/4	135,656	3/4	120,619	3/4	105,536	3/4	90,443	3/4		
8		180,872		172,803		164,698		156,593		148,488		135,343		120,305		105,221		90,129			
1/4	1/4	180,706	1/4	172,634	1/4	164,529	1/4	156,424	1/4	148,319	1/4	135,031	1/4	119,991	1/4	104,907	1/4	89,814	1/4		
1/2	1/2	180,539	1/2	172,465	1/2	164,360	1/2	156,255	1/2	148,150	1/2	134,718	1/2	119,678	1/2	104,593	1/2	89,500	1/2		
3/4	3/4	180,372	3/4	172,296	3/4	164,191	3/4	156,086	3/4	147,981	3/4	134,406	3/4	119,364	3/4	104,278	3/4	89,185	3/4		
9		180,206		172,127		164,022		155,917		147,812		134,094		119,050		103,964		88,871			
1/4	1/4	180,039	1/4	171,959	1/4	163,854	1/4	155,749	1/4	147,644	1/4	133,781	1/4	118,736	1/4	103,649	1/4	88,557	1/4		
1/2	1/2	179,871	1/2	171,790	1/2	163,685	1/2	155,580	1/2	147,475	1/2	133,469	1/2	118,422	1/2	103,335	1/2	88,242	1/2		
3/4	3/4	179,703	3/4	171,621	3/4	163,516	3/4	155,411	3/4	147,306	3/4	133,156	3/4	118,108	3/4	103,020	3/4	87,928	3/4		
10		179,534		171,452		163,347		155,242		147,137		132,844		117,795		102,706		87,613			
1/4	1/4	179,366	1/4	171,283	1/4	163,178	1/4	155,073	1/4	146,968	1/4	132,532	1/4	117,481	1/4	102,392	1/4	87,299	1/4		
1/2	1/2	179,198	1/2	171,114	1/2	163,009	1/2	154,904	1/2	146,799	1/2	132,219	1/2	117,167	1/2	102,077	1/2	86,984	1/2		
3/4	3/4	179,030	3/4	170,945	3/4	162,840	3/4	154,735	3/4	146,630	3/4	131,907	3/4	116,853	3/4	101,763	3/4	86,670	3/4		
11		178,861		170,777		162,672		154,567		146,462		131,594		116,539		101,448		86,356			
1/4	1/4	178,693	1/4	170,608	1/4	162,503	1/4	154,398	1/4	146,293	1/4	131,282	1/4	116,225	1/4	101,134	1/4	86,041	1/4		
1/2	1/2	178,525	1/2	170,439	1/2	162,334	1/2	154,229	1/2	145,980	1/2	130,968	1/2	115,911	1/2	100,819	1/2	85,727	1/2		
3/4	3/4	178,357	3/4	170,270	3/4	162,165	3/4	154,060	3/4	145,667	3/4	130,654	3/4	115,597	3/4	100,505	3/4	85,412	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 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "CBC 374"

## 3 STBD 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	85,098	0	70,002	0	54,965	0	40,308	0	25,488	0	10,387	0		0		0		0	
1/4	84,783	1/4	69,687	1/4	54,653	1/4	40,008	1/4	25,173	1/4	10,073	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,469	1/2	69,373	1/2	54,341	1/2	39,707	1/2	24,858	1/2	9,758	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,154	3/4	69,058	3/4	54,029	3/4	39,407	3/4	24,544	3/4	9,443	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	83,840	1	68,744	1	53,717	1	39,107	1	24,229	1	9,129	1	1	1	1	1	1	1	1
1/4	83,525	1/4	68,429	1/4	53,405	1/4	38,806	1/4	23,915	1/4	8,814	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,211	1/2	68,115	1/2	53,094	1/2	38,506	1/2	23,600	1/2	8,500	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,896	3/4	67,800	3/4	52,782	3/4	38,205	3/4	23,285	3/4	8,185	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	82,582	2	67,486	2	52,470	2	37,905	2	22,971	2	7,870	2	2	2	2	2	2	2	2
1/4	82,267	1/4	67,171	1/4	52,158	1/4	37,604	1/4	22,656	1/4	7,556	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,953	1/2	66,857	1/2	51,847	1/2	37,303	1/2	22,342	1/2	7,241	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,638	3/4	66,542	3/4	51,535	3/4	37,001	3/4	22,027	3/4	6,927	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,324	3	66,228	3	51,224	3	36,700	3	21,712	3	6,612	3	3	3	3	3	3	3	3
1/4	81,009	1/4	65,913	1/4	50,913	1/4	36,398	1/4	21,398	1/4	6,298	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,695	1/2	65,599	1/2	50,602	1/2	36,097	1/2	21,083	1/2	5,983	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,380	3/4	65,284	3/4	50,291	3/4	35,795	3/4	20,769	3/4	5,669	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,066	4	64,970	4	49,980	4	35,494	4	20,454	4	5,354	4	4	4	4	4	4	4	4
1/4	79,751	1/4	64,655	1/4	49,669	1/4	35,192	1/4	20,139	1/4	5,040	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,437	1/2	64,340	1/2	49,356	1/2	34,890	1/2	19,825	1/2	4,727	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,122	3/4	64,026	3/4	49,044	3/4	34,587	3/4	19,510	3/4	4,414	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	78,808	5	63,711	5	48,732	5	34,284	5	19,196	5	4,101	5	5	5	5	5	5	5	5
1/4	78,493	1/4	63,397	1/4	48,419	1/4	33,982	1/4	18,881	1/4	3,787	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,179	1/2	63,082	1/2	48,119	1/2	33,667	1/2	18,567	1/2	3,500	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,864	3/4	62,768	3/4	47,818	3/4	33,352	3/4	18,252	3/4	3,212	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	77,550	6	62,453	6	47,518	6	33,038	6	17,937	6	2,924	6	6	6	6	6	6	6	6
1/4	77,235	1/4	62,139	1/4	47,218	1/4	32,723	1/4	17,623	1/4	2,636	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,921	1/2	61,827	1/2	46,917	1/2	32,409	1/2	17,308	1/2	2,400	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,606	3/4	61,515	3/4	46,617	3/4	32,094	3/4	16,994	3/4	2,165	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	76,292	7	61,203	7	46,316	7	31,779	7	16,679	7	1,929	7	7	7	7	7	7	7	7
1/4	75,977	1/4	60,891	1/4	46,016	1/4	31,465	1/4	16,364	1/4	1,693	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,663	1/2	60,579	1/2	45,716	1/2	31,150	1/2	16,050	1/2	1,509	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,348	3/4	60,267	3/4	45,415	3/4	30,836	3/4	15,735	3/4	1,325	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,034	8	59,956	8	45,115	8	30,521	8	15,421	8	1,142	8	8	8	8	8	8	8	8
1/4	74,719	1/4	59,644	1/4	44,814	1/4	30,206	1/4	15,106	1/4	958	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,405	1/2	59,332	1/2	44,514	1/2	29,892	1/2	14,791	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,090	3/4	59,020	3/4	44,213	3/4	29,577	3/4	14,477	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	73,776	9	58,708	9	43,913	9	29,263	9	14,162	9		9	9	9	9	9	9	9	9
1/4	73,461	1/4	58,396	1/4	43,613	1/4	28,948	1/4	13,848	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,147	1/2	58,084	1/2	43,312	1/2	28,633	1/2	13,533	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,832	3/4	57,772	3/4	43,012	3/4	28,319	3/4	13,218	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	72,518	10	57,460	10	42,711	10	28,004	10	12,904	10		10	10	10	10	10	10	10	10
1/4	72,203	1/4	57,148	1/4	42,411	1/4	27,690	1/4	12,589	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,889	1/2	56,836	1/2	42,111	1/2	27,375	1/2	12,275	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,574	3/4	56,525	3/4	41,810	3/4	27,061	3/4	11,960	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	71,260	11	56,213	11	41,510	11	26,746	11	11,645	11		11	11	11	11	11	11	11	11
1/4	70,945	1/4	55,901	1/4	41,209	1/4	26,431	1/4	11,331	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,631	1/2	55,589	1/2	40,909	1/2	26,117	1/2	11,016	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,316	3/4	55,277	3/4	40,609	3/4	25,802	3/4	10,702	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: 01/10/2013 CL - SW  
CALCULATED: 01/10/2013 CL  
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2013

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