



BARGE "CBC 371"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8
3 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-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"

December 15, 2012

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 371"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	964	0	15,233	0	30,463	0	45,682	0	60,902	0	76,132	0	91,362	0	106,592	0	121,818	0	137,043
1/4	1,149	1/4	15,551	1/4	30,780	1/4	45,999	1/4	61,219	1/4	76,449	1/4	91,680	1/4	106,910	1/4	122,135	1/4	137,360
1/2	1,334	1/2	15,868	1/2	31,097	1/2	46,316	1/2	61,537	1/2	76,767	1/2	91,997	1/2	107,227	1/2	122,453	1/2	137,677
3/4	1,520	3/4	16,185	3/4	31,415	3/4	46,633	3/4	61,854	3/4	77,084	3/4	92,314	3/4	107,544	3/4	122,770	3/4	137,994
1	1,705	1	16,503	1	31,732	1	46,949	1	62,171	1	77,401	1	92,631	1	107,862	1	123,087	1	138,311
1/4	1,942	1/4	16,820	1/4	32,049	1/4	47,266	1/4	62,489	1/4	77,719	1/4	92,949	1/4	108,179	1/4	123,404	1/4	138,629
1/2	2,180	1/2	17,137	1/2	32,367	1/2	47,583	1/2	62,806	1/2	78,036	1/2	93,266	1/2	108,496	1/2	123,721	1/2	138,946
3/4	2,418	3/4	17,454	3/4	32,684	3/4	47,900	3/4	63,123	3/4	78,353	3/4	93,583	3/4	108,813	3/4	124,038	3/4	139,263
2	2,656	2	17,772	2	33,001	2	48,217	2	63,440	2	78,671	2	93,901	2	109,131	2	124,356	2	139,580
1/4	2,947	1/4	18,089	1/4	33,318	1/4	48,533	1/4	63,758	1/4	78,988	1/4	94,218	1/4	109,448	1/4	124,673	1/4	139,897
1/2	3,238	1/2	18,406	1/2	33,636	1/2	48,850	1/2	64,075	1/2	79,305	1/2	94,535	1/2	109,765	1/2	124,990	1/2	140,215
3/4	3,529	3/4	18,724	3/4	33,953	3/4	49,167	3/4	64,392	3/4	79,622	3/4	94,853	3/4	110,083	3/4	125,307	3/4	140,532
3	3,819	3	19,041	3	34,270	3	49,484	3	64,710	3	79,940	3	95,170	3	110,400	3	125,624	3	140,849
1/4	4,135	1/4	19,358	1/4	34,588	1/4	49,800	1/4	65,027	1/4	80,257	1/4	95,487	1/4	110,717	1/4	125,942	1/4	141,166
1/2	4,451	1/2	19,675	1/2	34,905	1/2	50,117	1/2	65,344	1/2	80,574	1/2	95,804	1/2	111,034	1/2	126,259	1/2	141,483
3/4	4,767	3/4	19,993	3/4	35,222	3/4	50,434	3/4	65,662	3/4	80,892	3/4	96,122	3/4	111,351	3/4	126,576	3/4	141,800
4	5,082	4	20,310	4	35,539	4	50,751	4	65,979	4	81,209	4	96,439	4	111,669	4	126,893	4	142,118
1/4	5,399	1/4	20,627	1/4	35,857	1/4	51,068	1/4	66,296	1/4	81,526	1/4	96,756	1/4	111,986	1/4	127,210	1/4	142,435
1/2	5,716	1/2	20,944	1/2	36,174	1/2	51,384	1/2	66,613	1/2	81,843	1/2	97,074	1/2	112,303	1/2	127,527	1/2	142,752
3/4	6,033	3/4	21,262	3/4	36,491	3/4	51,701	3/4	66,931	3/4	82,161	3/4	97,391	3/4	112,620	3/4	127,845	3/4	143,069
5	6,350	5	21,579	5	36,809	5	52,018	5	67,248	5	82,478	5	97,708	5	112,937	5	128,162	5	143,386
1/4	6,667	1/4	21,896	1/4	37,126	1/4	52,335	1/4	67,565	1/4	82,795	1/4	98,025	1/4	113,254	1/4	128,479	1/4	143,703
1/2	6,984	1/2	22,214	1/2	37,443	1/2	52,652	1/2	67,883	1/2	83,113	1/2	98,343	1/2	113,572	1/2	128,796	1/2	144,021
3/4	7,301	3/4	22,531	3/4	37,760	3/4	52,970	3/4	68,200	3/4	83,430	3/4	98,660	3/4	113,889	3/4	129,113	3/4	144,338
6	7,619	6	22,848	6	38,078	6	53,287	6	68,517	6	83,747	6	98,977	6	114,206	6	129,431	6	144,655
1/4	7,936	1/4	23,165	1/4	38,395	1/4	53,604	1/4	68,834	1/4	84,065	1/4	99,295	1/4	114,523	1/4	129,748	1/4	144,972
1/2	8,253	1/2	23,483	1/2	38,712	1/2	53,922	1/2	69,152	1/2	84,382	1/2	99,612	1/2	114,840	1/2	130,065	1/2	145,289
3/4	8,571	3/4	23,800	3/4	39,029	3/4	54,239	3/4	69,469	3/4	84,699	3/4	99,929	3/4	115,158	3/4	130,382	3/4	145,607
7	8,888	7	24,117	7	39,347	7	54,556	7	69,786	7	85,016	7	100,246	7	115,475	7	130,699	7	145,924
1/4	9,205	1/4	24,435	1/4	39,664	1/4	54,874	1/4	70,104	1/4	85,334	1/4	100,564	1/4	115,792	1/4	131,016	1/4	146,241
1/2	9,522	1/2	24,752	1/2	39,980	1/2	55,191	1/2	70,421	1/2	85,651	1/2	100,881	1/2	116,109	1/2	131,334	1/2	146,558
3/4	9,840	3/4	25,069	3/4	40,297	3/4	55,508	3/4	70,738	3/4	85,968	3/4	101,198	3/4	116,426	3/4	131,651	3/4	146,875
8	10,157	8	25,386	8	40,614	8	55,825	8	71,055	8	86,286	8	101,516	8	116,743	8	131,968	8	147,192
1/4	10,474	1/4	25,704	1/4	40,931	1/4	56,143	1/4	71,373	1/4	86,603	1/4	101,833	1/4	117,061	1/4	132,285	1/4	147,510
1/2	10,791	1/2	26,021	1/2	41,247	1/2	56,460	1/2	71,690	1/2	86,920	1/2	102,150	1/2	117,378	1/2	132,602	1/2	147,827
3/4	11,109	3/4	26,338	3/4	41,564	3/4	56,777	3/4	72,007	3/4	87,237	3/4	102,468	3/4	117,695	3/4	132,919	3/4	148,144
9	11,426	9	26,656	9	41,881	9	57,095	9	72,325	9	87,555	9	102,785	9	118,012	9	133,237	9	148,461
1/4	11,743	1/4	26,973	1/4	42,198	1/4	57,412	1/4	72,642	1/4	87,872	1/4	103,102	1/4	118,329	1/4	133,554	1/4	148,778
1/2	12,061	1/2	27,290	1/2	42,515	1/2	57,729	1/2	72,959	1/2	88,189	1/2	103,419	1/2	118,646	1/2	133,871	1/2	149,095
3/4	12,378	3/4	27,607	3/4	42,831	3/4	58,046	3/4	73,277	3/4	88,507	3/4	103,737	3/4	118,964	3/4	134,188	3/4	149,413
10	12,695	10	27,925	10	43,148	10	58,364	10	73,594	10	88,824	10	104,054	10	119,281	10	134,505	10	149,730
1/4	13,012	1/4	28,242	1/4	43,465	1/4	58,681	1/4	73,911	1/4	89,141	1/4	104,371	1/4	119,598	1/4	134,823	1/4	150,047
1/2	13,330	1/2	28,559	1/2	43,782	1/2	58,998	1/2	74,228	1/2	89,459	1/2	104,689	1/2	119,915	1/2	135,140	1/2	150,364
3/4	13,647	3/4	28,877	3/4	44,098	3/4	59,316	3/4	74,546	3/4	89,776	3/4	105,006	3/4	120,232	3/4	135,457	3/4	150,681
11	13,964	11	29,194	11	44,415	11	59,633	11	74,863	11	90,093	11	105,323	11	120,550	11	135,774	11	150,999
1/4	14,282	1/4	29,511	1/4	44,732	1/4	59,950	1/4	75,180	1/4	90,410	1/4	105,640	1/4	120,867	1/4	136,091	1/4	151,316
1/2	14,599	1/2	29,828	1/2	45,049	1/2	60,268	1/2	75,498	1/2	90,728	1/2	105,958	1/2	121,184	1/2	136,408	1/2	151,633
3/4	14,916	3/4	30,146	3/4	45,366	3/4	60,585	3/4	75,815	3/4	91,045	3/4	106,275	3/4	121,501	3/4	136,726	3/4	151,950

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED 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 371"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,267	0	167,492	0	182,716	0	197,941	0	213,101	0		0		0		0		0	
1/4	152,584	1/4	167,809	1/4	183,033	1/4	198,258	1/4	213,414	1/4		1/4		1/4		1/4		1/4	
1/2	152,902	1/2	168,126	1/2	183,351	1/2	198,575	1/2	213,727	1/2		1/2		1/2		1/2		1/2	
3/4	153,219	3/4	168,443	3/4	183,668	3/4	198,892	3/4	214,040	3/4		3/4		3/4		3/4		3/4	
1	153,536	1	168,760	1	183,985	1	199,209	1	214,353	1		1		1		1		1	
1/4	153,853	1/4	169,078	1/4	184,302	1/4	199,525	1/4	214,666	1/4		1/4		1/4		1/4		1/4	
1/2	154,170	1/2	169,395	1/2	184,619	1/2	199,841	1/2	214,979	1/2		1/2		1/2		1/2		1/2	
3/4	154,487	3/4	169,712	3/4	184,936	3/4	200,157	3/4	215,292	3/4		3/4		3/4		3/4		3/4	
2	154,805	2	170,029	2	185,254	2	200,473	2	215,605	2		2		2		2		2	
1/4	155,122	1/4	170,346	1/4	185,571	1/4	200,789	1/4	215,918	1/4		1/4		1/4		1/4		1/4	
1/2	155,439	1/2	170,664	1/2	185,888	1/2	201,105	1/2	216,231	1/2		1/2		1/2		1/2		1/2	
3/4	155,756	3/4	170,981	3/4	186,205	3/4	201,421	3/4	216,544	3/4		3/4		3/4		3/4		3/4	
3	156,073	3	171,298	3	186,522	3	201,737	3	216,857	3		3		3		3		3	
1/4	156,391	1/4	171,615	1/4	186,840	1/4	202,053	1/4	217,170	1/4		1/4		1/4		1/4		1/4	
1/2	156,708	1/2	171,932	1/2	187,157	1/2	202,369	1/2	217,482	1/2		1/2		1/2		1/2		1/2	
3/4	157,025	3/4	172,249	3/4	187,474	3/4	202,685	3/4	217,795	3/4		3/4		3/4		3/4		3/4	
4	157,342	4	172,567	4	187,791	4	203,001	4	218,107	4		4		4		4		4	
1/4	157,659	1/4	172,884	1/4	188,108	1/4	203,317	1/4	218,419	1/4		1/4		1/4		1/4		1/4	
1/2	157,976	1/2	173,201	1/2	188,425	1/2	203,633	1/2	218,730	1/2		1/2		1/2		1/2		1/2	
3/4	158,294	3/4	173,518	3/4	188,743	3/4	203,949	3/4	219,042	3/4		3/4		3/4		3/4		3/4	
5	158,611	5	173,835	5	189,060	5	204,265	5	219,354	5		5		5		5		5	
1/4	158,928	1/4	174,152	1/4	189,377	1/4	204,581	1/4	219,640	1/4		1/4		1/4		1/4		1/4	
1/2	159,245	1/2	174,470	1/2	189,694	1/2	204,897	1/2	219,927	1/2		1/2		1/2		1/2		1/2	
3/4	159,562	3/4	174,787	3/4	190,011	3/4	205,213	3/4	220,213	3/4		3/4		3/4		3/4		3/4	
6	159,880	6	175,104	6	190,328	6	205,529	6	220,500	6		6		6		6		6	
1/4	160,197	1/4	175,421	1/4	190,646	1/4	205,844	1/4	220,733	1/4		1/4		1/4		1/4		1/4	
1/2	160,514	1/2	175,738	1/2	190,963	1/2	206,160	1/2	220,967	1/2		1/2		1/2		1/2		1/2	
3/4	160,831	3/4	176,056	3/4	191,280	3/4	206,476	3/4	221,201	3/4		3/4		3/4		3/4		3/4	
7	161,148	7	176,373	7	191,597	7	206,792	7	221,434	7		7		7		7		7	
1/4	161,465	1/4	176,690	1/4	191,914	1/4	207,108	1/4	221,616	1/4		1/4		1/4		1/4		1/4	
1/2	161,783	1/2	177,007	1/2	192,232	1/2	207,424	1/2	221,798	1/2		1/2		1/2		1/2		1/2	
3/4	162,100	3/4	177,324	3/4	192,549	3/4	207,740	3/4	221,980	3/4		3/4		3/4		3/4		3/4	
8	162,417	8	177,641	8	192,866	8	208,056	8	222,162	8		8		8		8		8	
1/4	162,734	1/4	177,959	1/4	193,183	1/4	208,372	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,051	1/2	178,276	1/2	193,500	1/2	208,688	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,368	3/4	178,593	3/4	193,817	3/4	209,004	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,686	9	178,910	9	194,135	9	209,320	9		9		9		9		9		9	
1/4	164,003	1/4	179,227	1/4	194,452	1/4	209,636	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,320	1/2	179,544	1/2	194,769	1/2	209,952	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,637	3/4	179,862	3/4	195,086	3/4	210,268	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,954	10	180,179	10	195,403	10	210,584	10		10		10		10		10		10	
1/4	165,272	1/4	180,496	1/4	195,721	1/4	210,900	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,589	1/2	180,813	1/2	196,038	1/2	211,216	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,906	3/4	181,130	3/4	196,355	3/4	211,532	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,223	11	181,448	11	196,672	11	211,848	11		11		11		11		11		11	
1/4	166,540	1/4	181,765	1/4	196,989	1/4	212,161	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,857	1/2	182,082	1/2	197,306	1/2	212,474	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,175	3/4	182,399	3/4	197,624	3/4	212,788	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 371"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	965	0	15,243	0	30,481	0	45,710	0	60,939	0	76,178	0	91,417	0	106,656	0	121,891	0	137,125
1/4	1,150	1/4	15,560	1/4	30,799	1/4	46,027	1/4	61,256	1/4	76,495	1/4	91,735	1/4	106,974	1/4	122,209	1/4	137,442
1/2	1,335	1/2	15,878	1/2	31,116	1/2	46,344	1/2	61,574	1/2	76,813	1/2	92,052	1/2	107,291	1/2	122,526	1/2	137,760
3/4	1,520	3/4	16,195	3/4	31,434	3/4	46,661	3/4	61,891	3/4	77,130	3/4	92,370	3/4	107,609	3/4	122,843	3/4	138,077
1	1,706	1	16,512	1	31,751	1	46,978	1	62,209	1	77,448	1	92,687	1	107,926	1	123,161	1	138,394
1/4	1,944	1/4	16,830	1/4	32,069	1/4	47,295	1/4	62,526	1/4	77,765	1/4	93,005	1/4	108,244	1/4	123,478	1/4	138,712
1/2	2,182	1/2	17,147	1/2	32,386	1/2	47,612	1/2	62,844	1/2	78,083	1/2	93,322	1/2	108,561	1/2	123,796	1/2	139,029
3/4	2,420	3/4	17,465	3/4	32,704	3/4	47,929	3/4	63,161	3/4	78,400	3/4	93,640	3/4	108,879	3/4	124,113	3/4	139,347
2	2,658	2	17,782	2	33,021	2	48,245	2	63,479	2	78,718	2	93,957	2	109,196	2	124,430	2	139,664
1/4	2,949	1/4	18,100	1/4	33,338	1/4	48,562	1/4	63,796	1/4	79,035	1/4	94,274	1/4	109,514	1/4	124,748	1/4	139,981
1/2	3,240	1/2	18,417	1/2	33,656	1/2	48,879	1/2	64,113	1/2	79,353	1/2	94,592	1/2	109,831	1/2	125,065	1/2	140,299
3/4	3,531	3/4	18,735	3/4	33,973	3/4	49,196	3/4	64,431	3/4	79,670	3/4	94,909	3/4	110,149	3/4	125,382	3/4	140,616
3	3,822	3	19,052	3	34,291	3	49,513	3	64,748	3	79,988	3	95,227	3	110,466	3	125,700	3	140,933
1/4	4,138	1/4	19,370	1/4	34,608	1/4	49,830	1/4	65,066	1/4	80,305	1/4	95,544	1/4	110,784	1/4	126,017	1/4	141,251
1/2	4,454	1/2	19,687	1/2	34,926	1/2	50,147	1/2	65,383	1/2	80,623	1/2	95,862	1/2	111,101	1/2	126,335	1/2	141,568
3/4	4,769	3/4	20,005	3/4	35,243	3/4	50,464	3/4	65,701	3/4	80,940	3/4	96,179	3/4	111,418	3/4	126,652	3/4	141,886
4	5,085	4	20,322	4	35,561	4	50,781	4	66,018	4	81,258	4	96,497	4	111,736	4	126,969	4	142,203
1/4	5,402	1/4	20,640	1/4	35,878	1/4	51,098	1/4	66,336	1/4	81,575	1/4	96,814	1/4	112,053	1/4	127,287	1/4	142,520
1/2	5,720	1/2	20,957	1/2	36,196	1/2	51,415	1/2	66,653	1/2	81,893	1/2	97,132	1/2	112,370	1/2	127,604	1/2	142,838
3/4	6,037	3/4	21,275	3/4	36,513	3/4	51,732	3/4	66,971	3/4	82,210	3/4	97,449	3/4	112,688	3/4	127,921	3/4	143,155
5	6,354	5	21,592	5	36,831	5	52,049	5	67,288	5	82,528	5	97,767	5	113,005	5	128,239	5	143,472
1/4	6,671	1/4	21,909	1/4	37,148	1/4	52,367	1/4	67,606	1/4	82,845	1/4	98,084	1/4	113,322	1/4	128,556	1/4	143,790
1/2	6,988	1/2	22,227	1/2	37,466	1/2	52,684	1/2	67,923	1/2	83,163	1/2	98,402	1/2	113,640	1/2	128,873	1/2	144,107
3/4	7,306	3/4	22,544	3/4	37,783	3/4	53,002	3/4	68,241	3/4	83,480	3/4	98,719	3/4	113,957	3/4	129,191	3/4	144,424
6	7,623	6	22,862	6	38,101	6	53,319	6	68,558	6	83,798	6	99,037	6	114,275	6	129,508	6	144,742
1/4	7,941	1/4	23,179	1/4	38,418	1/4	53,637	1/4	68,876	1/4	84,115	1/4	99,354	1/4	114,592	1/4	129,826	1/4	145,059
1/2	8,258	1/2	23,497	1/2	38,735	1/2	53,954	1/2	69,193	1/2	84,432	1/2	99,672	1/2	114,909	1/2	130,143	1/2	145,377
3/4	8,576	3/4	23,814	3/4	39,053	3/4	54,271	3/4	69,511	3/4	84,750	3/4	99,989	3/4	115,227	3/4	130,460	3/4	145,694
7	8,893	7	24,132	7	39,370	7	54,589	7	69,828	7	85,067	7	100,307	7	115,544	7	130,778	7	146,011
1/4	9,211	1/4	24,449	1/4	39,687	1/4	54,906	1/4	70,146	1/4	85,385	1/4	100,624	1/4	115,861	1/4	131,095	1/4	146,329
1/2	9,528	1/2	24,767	1/2	40,004	1/2	55,224	1/2	70,463	1/2	85,702	1/2	100,942	1/2	116,179	1/2	131,412	1/2	146,646
3/4	9,846	3/4	25,084	3/4	40,321	3/4	55,541	3/4	70,781	3/4	86,020	3/4	101,259	3/4	116,496	3/4	131,730	3/4	146,963
8	10,163	8	25,402	8	40,638	8	55,859	8	71,098	8	86,337	8	101,577	8	116,814	8	132,047	8	147,281
1/4	10,480	1/4	25,719	1/4	40,955	1/4	56,176	1/4	71,416	1/4	86,655	1/4	101,894	1/4	117,131	1/4	132,365	1/4	147,598
1/2	10,798	1/2	26,037	1/2	41,272	1/2	56,494	1/2	71,733	1/2	86,972	1/2	102,212	1/2	117,448	1/2	132,682	1/2	147,916
3/4	11,115	3/4	26,354	3/4	41,589	3/4	56,811	3/4	72,051	3/4	87,290	3/4	102,529	3/4	117,766	3/4	132,999	3/4	148,233
9	11,433	9	26,672	9	41,906	9	57,129	9	72,368	9	87,607	9	102,847	9	118,083	9	133,317	9	148,550
1/4	11,750	1/4	26,989	1/4	42,223	1/4	57,446	1/4	72,686	1/4	87,925	1/4	103,164	1/4	118,400	1/4	133,634	1/4	148,868
1/2	12,068	1/2	27,306	1/2	42,540	1/2	57,764	1/2	73,003	1/2	88,242	1/2	103,482	1/2	118,718	1/2	133,951	1/2	149,185
3/4	12,385	3/4	27,624	3/4	42,857	3/4	58,081	3/4	73,321	3/4	88,560	3/4	103,799	3/4	119,035	3/4	134,269	3/4	149,502
10	12,703	10	27,941	10	43,174	10	58,399	10	73,638	10	88,877	10	104,116	10	119,352	10	134,586	10	149,820
1/4	13,020	1/4	28,259	1/4	43,491	1/4	58,716	1/4	73,956	1/4	89,195	1/4	104,434	1/4	119,670	1/4	134,903	1/4	150,137
1/2	13,338	1/2	28,576	1/2	43,808	1/2	59,034	1/2	74,273	1/2	89,512	1/2	104,751	1/2	119,987	1/2	135,221	1/2	150,454
3/4	13,655	3/4	28,894	3/4	44,125	3/4	59,351	3/4	74,590	3/4	89,830	3/4	105,069	3/4	120,305	3/4	135,538	3/4	150,772
11	13,973	11	29,211	11	44,442	11	59,669	11	74,908	11	90,147	11	105,386	11	120,622	11	135,856	11	151,089
1/4	14,290	1/4	29,529	1/4	44,759	1/4	59,986	1/4	75,225	1/4	90,465	1/4	105,704	1/4	120,939	1/4	136,173	1/4	151,407
1/2	14,608	1/2	29,846	1/2	45,076	1/2	60,304	1/2	75,543	1/2	90,782	1/2	106,021	1/2	121,257	1/2	136,490	1/2	151,724
3/4	14,925	3/4	30,164	3/4	45,393	3/4	60,621	3/4	75,860	3/4	91,100	3/4	106,339	3/4	121,574	3/4	136,808	3/4	152,041

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED 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 371"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,359	0	167,592	0	182,826	0	198,060	0	213,229	0		0		0		0		0	
1/4	152,676	1/4	167,910	1/4	183,143	1/4	198,377	1/4	213,542	1/4		1/4		1/4		1/4		1/4	
1/2	152,993	1/2	168,227	1/2	183,461	1/2	198,694	1/2	213,855	1/2		1/2		1/2		1/2		1/2	
3/4	153,311	3/4	168,544	3/4	183,778	3/4	199,012	3/4	214,168	3/4		3/4		3/4		3/4		3/4	
1	153,628	1	168,862	1	184,095	1	199,329	1	214,481	1		1		1		1		1	
1/4	153,945	1/4	169,179	1/4	184,413	1/4	199,645	1/4	214,795	1/4		1/4		1/4		1/4		1/4	
1/2	154,263	1/2	169,496	1/2	184,730	1/2	199,961	1/2	215,108	1/2		1/2		1/2		1/2		1/2	
3/4	154,580	3/4	169,814	3/4	185,047	3/4	200,277	3/4	215,421	3/4		3/4		3/4		3/4		3/4	
2	154,898	2	170,131	2	185,365	2	200,594	2	215,734	2		2		2		2		2	
1/4	155,215	1/4	170,449	1/4	185,682	1/4	200,910	1/4	216,048	1/4		1/4		1/4		1/4		1/4	
1/2	155,532	1/2	170,766	1/2	186,000	1/2	201,226	1/2	216,361	1/2		1/2		1/2		1/2		1/2	
3/4	155,850	3/4	171,083	3/4	186,317	3/4	201,542	3/4	216,674	3/4		3/4		3/4		3/4		3/4	
3	156,167	3	171,401	3	186,634	3	201,858	3	216,987	3		3		3		3		3	
1/4	156,484	1/4	171,718	1/4	186,952	1/4	202,174	1/4	217,300	1/4		1/4		1/4		1/4		1/4	
1/2	156,802	1/2	172,035	1/2	187,269	1/2	202,490	1/2	217,613	1/2		1/2		1/2		1/2		1/2	
3/4	157,119	3/4	172,353	3/4	187,586	3/4	202,807	3/4	217,925	3/4		3/4		3/4		3/4		3/4	
4	157,437	4	172,670	4	187,904	4	203,123	4	218,238	4		4		4		4		4	
1/4	157,754	1/4	172,988	1/4	188,221	1/4	203,439	1/4	218,550	1/4		1/4		1/4		1/4		1/4	
1/2	158,071	1/2	173,305	1/2	188,539	1/2	203,755	1/2	218,862	1/2		1/2		1/2		1/2		1/2	
3/4	158,389	3/4	173,622	3/4	188,856	3/4	204,071	3/4	219,173	3/4		3/4		3/4		3/4		3/4	
5	158,706	5	173,940	5	189,173	5	204,387	5	219,485	5		5		5		5		5	
1/4	159,023	1/4	174,257	1/4	189,491	1/4	204,703	1/4	219,772	1/4		1/4		1/4		1/4		1/4	
1/2	159,341	1/2	174,574	1/2	189,808	1/2	205,020	1/2	220,059	1/2		1/2		1/2		1/2		1/2	
3/4	159,658	3/4	174,892	3/4	190,125	3/4	205,336	3/4	220,345	3/4		3/4		3/4		3/4		3/4	
6	159,975	6	175,209	6	190,443	6	205,652	6	220,632	6		6		6		6		6	
1/4	160,293	1/4	175,526	1/4	190,760	1/4	205,968	1/4	220,866	1/4		1/4		1/4		1/4		1/4	
1/2	160,610	1/2	175,844	1/2	191,077	1/2	206,284	1/2	221,100	1/2		1/2		1/2		1/2		1/2	
3/4	160,928	3/4	176,161	3/4	191,395	3/4	206,600	3/4	221,333	3/4		3/4		3/4		3/4		3/4	
7	161,245	7	176,479	7	191,712	7	206,916	7	221,567	7		7		7		7		7	
1/4	161,562	1/4	176,796	1/4	192,030	1/4	207,233	1/4	221,749	1/4		1/4		1/4		1/4		1/4	
1/2	161,880	1/2	177,113	1/2	192,347	1/2	207,549	1/2	221,932	1/2		1/2		1/2		1/2		1/2	
3/4	162,197	3/4	177,431	3/4	192,664	3/4	207,865	3/4	222,114	3/4		3/4		3/4		3/4		3/4	
8	162,514	8	177,748	8	192,982	8	208,181	8	222,296	8		8		8		8		8	
1/4	162,832	1/4	178,065	1/4	193,299	1/4	208,497	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,149	1/2	178,383	1/2	193,616	1/2	208,813	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,467	3/4	178,700	3/4	193,934	3/4	209,129	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,784	9	179,018	9	194,251	9	209,446	9		9		9		9		9		9	
1/4	164,101	1/4	179,335	1/4	194,568	1/4	209,762	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,419	1/2	179,652	1/2	194,886	1/2	210,078	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,736	3/4	179,970	3/4	195,203	3/4	210,394	3/4		3/4		3/4		3/4		3/4		3/4	
10	165,053	10	180,287	10	195,521	10	210,711	10		10		10		10		10		10	
1/4	165,371	1/4	180,604	1/4	195,838	1/4	211,027	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,688	1/2	180,922	1/2	196,155	1/2	211,343	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,005	3/4	181,239	3/4	196,473	3/4	211,659	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,323	11	181,556	11	196,790	11	211,976	11		11		11		11		11		11	
1/4	166,640	1/4	181,874	1/4	197,107	1/4	212,289	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,958	1/2	182,191	1/2	197,425	1/2	212,602	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,275	3/4	182,509	3/4	197,742	3/4	212,915	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 371"

2 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	961	0	15,180	0	30,357	0	45,523	0	60,690	0	75,867	0	91,045	0	106,222	0	121,395	0	136,566
1/4	1,145	1/4	15,497	1/4	30,673	1/4	45,839	1/4	61,006	1/4	76,184	1/4	91,361	1/4	106,538	1/4	121,711	1/4	136,882
1/2	1,330	1/2	15,813	1/2	30,989	1/2	46,155	1/2	61,323	1/2	76,500	1/2	91,677	1/2	106,854	1/2	122,027	1/2	137,198
3/4	1,514	3/4	16,129	3/4	31,306	3/4	46,471	3/4	61,639	3/4	76,816	3/4	91,993	3/4	107,170	3/4	122,343	3/4	137,514
1	1,699	1	16,445	1	31,622	1	46,786	1	61,955	1	77,132	1	92,309	1	107,486	1	122,659	1	137,830
1/4	1,936	1/4	16,761	1/4	31,938	1/4	47,102	1/4	62,271	1/4	77,448	1/4	92,626	1/4	107,803	1/4	122,975	1/4	138,147
1/2	2,173	1/2	17,078	1/2	32,254	1/2	47,418	1/2	62,587	1/2	77,765	1/2	92,942	1/2	108,119	1/2	123,291	1/2	138,463
3/4	2,410	3/4	17,394	3/4	32,570	3/4	47,733	3/4	62,904	3/4	78,081	3/4	93,258	3/4	108,435	3/4	123,607	3/4	138,779
2	2,647	2	17,710	2	32,886	2	48,049	2	63,220	2	78,397	2	93,574	2	108,751	2	123,923	2	139,095
1/4	2,937	1/4	18,026	1/4	33,203	1/4	48,365	1/4	63,536	1/4	78,713	1/4	93,890	1/4	109,067	1/4	124,239	1/4	139,411
1/2	3,227	1/2	18,342	1/2	33,519	1/2	48,680	1/2	63,852	1/2	79,029	1/2	94,206	1/2	109,384	1/2	124,555	1/2	139,727
3/4	3,516	3/4	18,658	3/4	33,835	3/4	48,996	3/4	64,168	3/4	79,346	3/4	94,523	3/4	109,700	3/4	124,871	3/4	140,043
3	3,806	3	18,975	3	34,151	3	49,312	3	64,485	3	79,662	3	94,839	3	110,016	3	125,188	3	140,359
1/4	4,121	1/4	19,291	1/4	34,467	1/4	49,627	1/4	64,801	1/4	79,978	1/4	95,155	1/4	110,332	1/4	125,504	1/4	140,675
1/2	4,435	1/2	19,607	1/2	34,784	1/2	49,943	1/2	65,117	1/2	80,294	1/2	95,471	1/2	110,648	1/2	125,820	1/2	140,991
3/4	4,750	3/4	19,923	3/4	35,100	3/4	50,259	3/4	65,433	3/4	80,610	3/4	95,787	3/4	110,964	3/4	126,136	3/4	141,307
4	5,065	4	20,239	4	35,416	4	50,574	4	65,749	4	80,926	4	96,104	4	111,280	4	126,452	4	141,623
1/4	5,380	1/4	20,556	1/4	35,732	1/4	50,890	1/4	66,066	1/4	81,243	1/4	96,420	1/4	111,596	1/4	126,768	1/4	141,939
1/2	5,696	1/2	20,872	1/2	36,048	1/2	51,206	1/2	66,382	1/2	81,559	1/2	96,736	1/2	111,912	1/2	127,084	1/2	142,256
3/4	6,012	3/4	21,188	3/4	36,364	3/4	51,521	3/4	66,698	3/4	81,875	3/4	97,052	3/4	112,229	3/4	127,400	3/4	142,572
5	6,328	5	21,504	5	36,681	5	51,837	5	67,014	5	82,191	5	97,368	5	112,545	5	127,716	5	142,888
1/4	6,644	1/4	21,820	1/4	36,997	1/4	52,153	1/4	67,330	1/4	82,507	1/4	97,685	1/4	112,861	1/4	128,032	1/4	143,204
1/2	6,960	1/2	22,136	1/2	37,313	1/2	52,469	1/2	67,646	1/2	82,824	1/2	98,001	1/2	113,177	1/2	128,348	1/2	143,520
3/4	7,276	3/4	22,453	3/4	37,629	3/4	52,786	3/4	67,963	3/4	83,140	3/4	98,317	3/4	113,493	3/4	128,664	3/4	143,836
6	7,592	6	22,769	6	37,945	6	53,102	6	68,279	6	83,456	6	98,633	6	113,809	6	128,980	6	144,152
1/4	7,908	1/4	23,085	1/4	38,261	1/4	53,418	1/4	68,595	1/4	83,772	1/4	98,949	1/4	114,125	1/4	129,296	1/4	144,468
1/2	8,225	1/2	23,401	1/2	38,578	1/2	53,734	1/2	68,911	1/2	84,088	1/2	99,266	1/2	114,441	1/2	129,613	1/2	144,784
3/4	8,541	3/4	23,717	3/4	38,894	3/4	54,050	3/4	69,227	3/4	84,405	3/4	99,582	3/4	114,757	3/4	129,929	3/4	145,100
7	8,857	7	24,033	7	39,210	7	54,366	7	69,544	7	84,721	7	99,898	7	115,073	7	130,245	7	145,416
1/4	9,173	1/4	24,350	1/4	39,526	1/4	54,683	1/4	69,860	1/4	85,037	1/4	100,214	1/4	115,389	1/4	130,561	1/4	145,732
1/2	9,489	1/2	24,666	1/2	39,841	1/2	54,999	1/2	70,176	1/2	85,353	1/2	100,530	1/2	115,705	1/2	130,877	1/2	146,048
3/4	9,805	3/4	24,982	3/4	40,157	3/4	55,315	3/4	70,492	3/4	85,669	3/4	100,846	3/4	116,021	3/4	131,193	3/4	146,364
8	10,122	8	25,298	8	40,473	8	55,631	8	70,808	8	85,986	8	101,163	8	116,337	8	131,509	8	146,681
1/4	10,438	1/4	25,614	1/4	40,788	1/4	55,947	1/4	71,125	1/4	86,302	1/4	101,479	1/4	116,654	1/4	131,825	1/4	146,997
1/2	10,754	1/2	25,931	1/2	41,104	1/2	56,264	1/2	71,441	1/2	86,618	1/2	101,795	1/2	116,970	1/2	132,141	1/2	147,313
3/4	11,070	3/4	26,247	3/4	41,420	3/4	56,580	3/4	71,757	3/4	86,934	3/4	102,111	3/4	117,286	3/4	132,457	3/4	147,629
9	11,386	9	26,563	9	41,735	9	56,896	9	72,073	9	87,250	9	102,427	9	117,602	9	132,773	9	147,945
1/4	11,703	1/4	26,879	1/4	42,051	1/4	57,212	1/4	72,389	1/4	87,566	1/4	102,744	1/4	117,918	1/4	133,089	1/4	148,261
1/2	12,019	1/2	27,195	1/2	42,367	1/2	57,528	1/2	72,706	1/2	87,883	1/2	103,060	1/2	118,234	1/2	133,405	1/2	148,577
3/4	12,335	3/4	27,511	3/4	42,682	3/4	57,845	3/4	73,022	3/4	88,199	3/4	103,376	3/4	118,550	3/4	133,722	3/4	148,893
10	12,651	10	27,828	10	42,998	10	58,161	10	73,338	10	88,515	10	103,692	10	118,866	10	134,038	10	149,209
1/4	12,967	1/4	28,144	1/4	43,314	1/4	58,477	1/4	73,654	1/4	88,831	1/4	104,008	1/4	119,182	1/4	134,354	1/4	149,525
1/2	13,283	1/2	28,460	1/2	43,629	1/2	58,793	1/2	73,970	1/2	89,147	1/2	104,325	1/2	119,498	1/2	134,670	1/2	149,841
3/4	13,600	3/4	28,776	3/4	43,945	3/4	59,109	3/4	74,286	3/4	89,464	3/4	104,641	3/4	119,814	3/4	134,986	3/4	150,157
11	13,916	11	29,092	11	44,261	11	59,426	11	74,603	11	89,780	11	104,957	11	120,130	11	135,302	11	150,473
1/4	14,232	1/4	29,408	1/4	44,576	1/4	59,742	1/4	74,919	1/4	90,096	1/4	105,273	1/4	120,446	1/4	135,618	1/4	150,790
1/2	14,548	1/2	29,725	1/2	44,892	1/2	60,058	1/2	75,235	1/2	90,412	1/2	105,589	1/2	120,762	1/2	135,934	1/2	151,106
3/4	14,864	3/4	30,041	3/4	45,208	3/4	60,374	3/4	75,551	3/4	90,728	3/4	105,906	3/4	121,079	3/4	136,250	3/4	151,422

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) 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 371"

2 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	151,738	0	166,909	0	182,081	0	197,252	0	212,359	0		0		0		0		0	
1/4	152,054	1/4	167,225	1/4	182,397	1/4	197,568	1/4	212,671	1/4		1/4		1/4		1/4		1/4	
1/2	152,370	1/2	167,541	1/2	182,713	1/2	197,885	1/2	212,983	1/2		1/2		1/2		1/2		1/2	
3/4	152,686	3/4	167,857	3/4	183,029	3/4	198,201	3/4	213,295	3/4		3/4		3/4		3/4		3/4	
1	153,002	1	168,174	1	183,345	1	198,517	1	213,607	1		1		1		1		1	
1/4	153,318	1/4	168,490	1/4	183,661	1/4	198,832	1/4	213,919	1/4		1/4		1/4		1/4		1/4	
1/2	153,634	1/2	168,806	1/2	183,977	1/2	199,146	1/2	214,231	1/2		1/2		1/2		1/2		1/2	
3/4	153,950	3/4	169,122	3/4	184,293	3/4	199,461	3/4	214,543	3/4		3/4		3/4		3/4		3/4	
2	154,266	2	169,438	2	184,609	2	199,776	2	214,855	2		2		2		2		2	
1/4	154,582	1/4	169,754	1/4	184,925	1/4	200,091	1/4	215,167	1/4		1/4		1/4		1/4		1/4	
1/2	154,898	1/2	170,070	1/2	185,242	1/2	200,406	1/2	215,479	1/2		1/2		1/2		1/2		1/2	
3/4	155,215	3/4	170,386	3/4	185,558	3/4	200,721	3/4	215,791	3/4		3/4		3/4		3/4		3/4	
3	155,531	3	170,702	3	185,874	3	201,035	3	216,102	3		3		3		3		3	
1/4	155,847	1/4	171,018	1/4	186,190	1/4	201,350	1/4	216,414	1/4		1/4		1/4		1/4		1/4	
1/2	156,163	1/2	171,334	1/2	186,506	1/2	201,665	1/2	216,725	1/2		1/2		1/2		1/2		1/2	
3/4	156,479	3/4	171,650	3/4	186,822	3/4	201,980	3/4	217,037	3/4		3/4		3/4		3/4		3/4	
4	156,795	4	171,966	4	187,138	4	202,295	4	217,348	4		4		4		4		4	
1/4	157,111	1/4	172,283	1/4	187,454	1/4	202,610	1/4	217,659	1/4		1/4		1/4		1/4		1/4	
1/2	157,427	1/2	172,599	1/2	187,770	1/2	202,925	1/2	217,969	1/2		1/2		1/2		1/2		1/2	
3/4	157,743	3/4	172,915	3/4	188,086	3/4	203,239	3/4	218,280	3/4		3/4		3/4		3/4		3/4	
5	158,059	5	173,231	5	188,402	5	203,554	5	218,590	5		5		5		5		5	
1/4	158,375	1/4	173,547	1/4	188,718	1/4	203,869	1/4	218,876	1/4		1/4		1/4		1/4		1/4	
1/2	158,691	1/2	173,863	1/2	189,034	1/2	204,184	1/2	219,161	1/2		1/2		1/2		1/2		1/2	
3/4	159,007	3/4	174,179	3/4	189,351	3/4	204,499	3/4	219,447	3/4		3/4		3/4		3/4		3/4	
6	159,324	6	174,495	6	189,667	6	204,814	6	219,732	6		6		6		6		6	
1/4	159,640	1/4	174,811	1/4	189,983	1/4	205,129	1/4	219,965	1/4		1/4		1/4		1/4		1/4	
1/2	159,956	1/2	175,127	1/2	190,299	1/2	205,443	1/2	220,198	1/2		1/2		1/2		1/2		1/2	
3/4	160,272	3/4	175,443	3/4	190,615	3/4	205,758	3/4	220,431	3/4		3/4		3/4		3/4		3/4	
7	160,588	7	175,759	7	190,931	7	206,073	7	220,664	7		7		7		7		7	
1/4	160,904	1/4	176,075	1/4	191,247	1/4	206,388	1/4	220,845	1/4		1/4		1/4		1/4		1/4	
1/2	161,220	1/2	176,391	1/2	191,563	1/2	206,703	1/2	221,027	1/2		1/2		1/2		1/2		1/2	
3/4	161,536	3/4	176,708	3/4	191,879	3/4	207,018	3/4	221,208	3/4		3/4		3/4		3/4		3/4	
8	161,852	8	177,024	8	192,195	8	207,332	8	221,389	8		8		8		8		8	
1/4	162,168	1/4	177,340	1/4	192,511	1/4	207,647	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,484	1/2	177,656	1/2	192,827	1/2	207,962	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,800	3/4	177,972	3/4	193,143	3/4	208,277	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,116	9	178,288	9	193,459	9	208,592	9		9		9		9		9		9	
1/4	163,432	1/4	178,604	1/4	193,776	1/4	208,907	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,749	1/2	178,920	1/2	194,092	1/2	209,222	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,065	3/4	179,236	3/4	194,408	3/4	209,537	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,381	10	179,552	10	194,724	10	209,852	10		10		10		10		10		10	
1/4	164,697	1/4	179,868	1/4	195,040	1/4	210,167	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,013	1/2	180,184	1/2	195,356	1/2	210,482	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,329	3/4	180,500	3/4	195,672	3/4	210,797	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,645	11	180,817	11	195,988	11	211,112	11		11		11		11		11		11	
1/4	165,961	1/4	181,133	1/4	196,304	1/4	211,423	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,277	1/2	181,449	1/2	196,620	1/2	211,735	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,593	3/4	181,765	3/4	196,936	3/4	212,047	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 371"

2 STBD

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	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 THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) 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 371"

2 STBD
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	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	
1/2	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	
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	
1	152,353	1	167,527	1	182,700	1	197,873	1	212,966	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	
1/2	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	
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	
2	153,618	2	168,791	2	183,964	2	199,133	2	214,214	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	
1/2	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	
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	154,882	3	170,056	3	185,229	3	200,392	3	215,461	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	
1/2	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	
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	
4	156,147	4	171,320	4	186,493	4	201,652	4	216,708	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	
1/2	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	
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	
5	157,411	5	172,584	5	187,758	5	202,912	5	217,950	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	
1/2	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	
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	
6	158,675	6	173,849	6	189,022	6	204,171	6	219,092	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	
1/2	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	
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	
7	159,940	7	175,113	7	190,287	7	205,431	7	220,023	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	
1/2	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	
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	
8	161,204	8	176,378	8	191,551	8	206,690	8	220,749	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	
1/2	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	
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	
9	162,469	9	177,642	9	192,816	9	207,950	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	
1/2	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	
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	
10	163,733	10	178,907	10	194,080	10	209,210	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	
1/2	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	
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	
11	164,998	11	180,171	11	195,344	11	210,470	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	
1/2	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	
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	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 371"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	957	0	15,115	0	30,226	0	45,329	0	60,434	0	75,546	0	90,656	0	105,764	0	120,864	0	135,927
1/4	1,141	1/4	15,430	1/4	30,541	1/4	45,643	1/4	60,749	1/4	75,860	1/4	90,971	1/4	106,079	1/4	121,178	1/4	136,239
1/2	1,324	1/2	15,745	1/2	30,856	1/2	45,958	1/2	61,063	1/2	76,175	1/2	91,286	1/2	106,394	1/2	121,493	1/2	136,552
3/4	1,508	3/4	16,060	3/4	31,171	3/4	46,272	3/4	61,378	3/4	76,490	3/4	91,600	3/4	106,709	3/4	121,807	3/4	136,865
1	1,691	1	16,375	1	31,486	1	46,587	1	61,693	1	76,805	1	91,915	1	107,023	1	122,121	1	137,178
1/4	1,928	1/4	16,689	1/4	31,801	1/4	46,901	1/4	62,008	1/4	77,120	1/4	92,230	1/4	107,338	1/4	122,435	1/4	137,490
1/2	2,164	1/2	17,004	1/2	32,115	1/2	47,215	1/2	62,323	1/2	77,435	1/2	92,545	1/2	107,653	1/2	122,749	1/2	137,803
3/4	2,400	3/4	17,319	3/4	32,430	3/4	47,530	3/4	62,638	3/4	77,749	3/4	92,859	3/4	107,968	3/4	123,063	3/4	138,116
2	2,636	2	17,634	2	32,745	2	47,844	2	62,952	2	78,064	2	93,174	2	108,282	2	123,378	2	138,428
1/4	2,924	1/4	17,949	1/4	33,060	1/4	48,159	1/4	63,267	1/4	78,379	1/4	93,489	1/4	108,597	1/4	123,692	1/4	138,741
1/2	3,213	1/2	18,263	1/2	33,375	1/2	48,473	1/2	63,582	1/2	78,694	1/2	93,804	1/2	108,912	1/2	124,006	1/2	139,054
3/4	3,501	3/4	18,578	3/4	33,689	3/4	48,788	3/4	63,897	3/4	79,009	3/4	94,118	3/4	109,227	3/4	124,320	3/4	139,367
3	3,790	3	18,893	3	34,004	3	49,102	3	64,212	3	79,324	3	94,433	3	109,541	3	124,634	3	139,679
1/4	4,103	1/4	19,208	1/4	34,319	1/4	49,416	1/4	64,527	1/4	79,638	1/4	94,748	1/4	109,856	1/4	124,948	1/4	139,993
1/2	4,416	1/2	19,523	1/2	34,634	1/2	49,731	1/2	64,841	1/2	79,953	1/2	95,063	1/2	110,171	1/2	125,262	1/2	140,306
3/4	4,730	3/4	19,838	3/4	34,949	3/4	50,045	3/4	65,156	3/4	80,268	3/4	95,377	3/4	110,485	3/4	125,577	3/4	140,619
4	5,043	4	20,152	4	35,264	4	50,360	4	65,471	4	80,583	4	95,692	4	110,800	4	125,891	4	140,933
1/4	5,357	1/4	20,467	1/4	35,578	1/4	50,674	1/4	65,786	1/4	80,898	1/4	96,007	1/4	111,115	1/4	126,205	1/4	141,246
1/2	5,672	1/2	20,782	1/2	35,893	1/2	50,989	1/2	66,101	1/2	81,213	1/2	96,322	1/2	111,430	1/2	126,519	1/2	141,560
3/4	5,986	3/4	21,097	3/4	36,208	3/4	51,304	3/4	66,416	3/4	81,527	3/4	96,636	3/4	111,744	3/4	126,833	3/4	141,873
5	6,301	5	21,412	5	36,523	5	51,619	5	66,730	5	81,842	5	96,951	5	112,059	5	127,147	5	142,186
1/4	6,615	1/4	21,726	1/4	36,838	1/4	51,933	1/4	67,045	1/4	82,157	1/4	97,266	1/4	112,374	1/4	127,462	1/4	142,500
1/2	6,930	1/2	22,041	1/2	37,152	1/2	52,248	1/2	67,360	1/2	82,472	1/2	97,581	1/2	112,688	1/2	127,776	1/2	142,813
3/4	7,245	3/4	22,356	3/4	37,467	3/4	52,563	3/4	67,675	3/4	82,787	3/4	97,896	3/4	113,003	3/4	128,090	3/4	143,126
6	7,560	6	22,671	6	37,782	6	52,878	6	67,990	6	83,101	6	98,210	6	113,318	6	128,404	6	143,440
1/4	7,875	1/4	22,986	1/4	38,097	1/4	53,193	1/4	68,305	1/4	83,416	1/4	98,525	1/4	113,632	1/4	128,718	1/4	143,753
1/2	8,189	1/2	23,301	1/2	38,411	1/2	53,508	1/2	68,619	1/2	83,731	1/2	98,840	1/2	113,947	1/2	129,032	1/2	144,067
3/4	8,504	3/4	23,615	3/4	38,726	3/4	53,822	3/4	68,934	3/4	84,046	3/4	99,155	3/4	114,262	3/4	129,347	3/4	144,380
7	8,819	7	23,930	7	39,040	7	54,137	7	69,249	7	84,361	7	99,469	7	114,576	7	129,661	7	144,693
1/4	9,134	1/4	24,245	1/4	39,355	1/4	54,452	1/4	69,564	1/4	84,676	1/4	99,784	1/4	114,891	1/4	129,975	1/4	145,007
1/2	9,449	1/2	24,560	1/2	39,669	1/2	54,767	1/2	69,879	1/2	84,990	1/2	100,099	1/2	115,206	1/2	130,289	1/2	145,320
3/4	9,763	3/4	24,875	3/4	39,984	3/4	55,082	3/4	70,194	3/4	85,305	3/4	100,414	3/4	115,521	3/4	130,603	3/4	145,633
8	10,078	8	25,189	8	40,298	8	55,397	8	70,508	8	85,620	8	100,728	8	115,835	8	130,917	8	145,947
1/4	10,393	1/4	25,504	1/4	40,612	1/4	55,711	1/4	70,823	1/4	85,935	1/4	101,043	1/4	116,150	1/4	131,232	1/4	146,260
1/2	10,708	1/2	25,819	1/2	40,927	1/2	56,026	1/2	71,138	1/2	86,250	1/2	101,358	1/2	116,465	1/2	131,546	1/2	146,574
3/4	11,023	3/4	26,134	3/4	41,241	3/4	56,341	3/4	71,453	3/4	86,564	3/4	101,673	3/4	116,780	3/4	131,860	3/4	146,887
9	11,337	9	26,449	9	41,556	9	56,656	9	71,768	9	86,879	9	101,987	9	117,094	9	132,174	9	147,200
1/4	11,652	1/4	26,763	1/4	41,870	1/4	56,971	1/4	72,082	1/4	87,194	1/4	102,302	1/4	117,409	1/4	132,487	1/4	147,370
1/2	11,967	1/2	27,078	1/2	42,185	1/2	57,286	1/2	72,397	1/2	87,509	1/2	102,617	1/2	117,723	1/2	132,799	1/2	147,539
3/4	12,282	3/4	27,393	3/4	42,499	3/4	57,600	3/4	72,712	3/4	87,823	3/4	102,932	3/4	118,037	3/4	133,112	3/4	147,708
10	12,597	10	27,708	10	42,813	10	57,915	10	73,027	10	88,138	10	103,246	10	118,351	10	133,425	10	147,878
1/4	12,912	1/4	28,023	1/4	43,128	1/4	58,230	1/4	73,342	1/4	88,453	1/4	103,561	1/4	118,665	1/4	133,738	1/4	148,047
1/2	13,226	1/2	28,338	1/2	43,442	1/2	58,545	1/2	73,657	1/2	88,768	1/2	103,876	1/2	118,979	1/2	134,050	1/2	148,216
3/4	13,541	3/4	28,652	3/4	43,757	3/4	58,860	3/4	73,971	3/4	89,082	3/4	104,191	3/4	119,293	3/4	134,363	3/4	148,385
11	13,856	11	28,967	11	44,071	11	59,174	11	74,286	11	89,397	11	104,505	11	119,608	11	134,676	11	148,555
1/4	14,171	1/4	29,282	1/4	44,386	1/4	59,489	1/4	74,601	1/4	89,712	1/4	104,820	1/4	119,922	1/4	134,988	1/4	148,724
1/2	14,486	1/2	29,597	1/2	44,700	1/2	59,804	1/2	74,916	1/2	90,027	1/2	105,135	1/2	120,236	1/2	135,301	1/2	148,893
3/4	14,800	3/4	29,912	3/4	45,014	3/4	60,119	3/4	75,231	3/4	90,341	3/4	105,450	3/4	120,550	3/4	135,614	3/4	149,063

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED 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 371"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/8"

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	149,232	0	157,358	0	165,485	0	173,611	0	181,704	0		0		0		0		0	
1/4	149,401	1/4	157,528	1/4	165,654	1/4	173,780	1/4	181,871	1/4		1/4		1/4		1/4		1/4	
1/2	149,571	1/2	157,697	1/2	165,823	1/2	173,950	1/2	182,038	1/2		1/2		1/2		1/2		1/2	
3/4	149,740	3/4	157,866	3/4	165,993	3/4	174,119	3/4	182,205	3/4		3/4		3/4		3/4		3/4	
1	149,909	1	158,035	1	166,162	1	174,288	1	182,372	1		1		1		1		1	
1/4	150,078	1/4	158,205	1/4	166,331	1/4	174,457	1/4	182,539	1/4		1/4		1/4		1/4		1/4	
1/2	150,248	1/2	158,374	1/2	166,500	1/2	174,626	1/2	182,706	1/2		1/2		1/2		1/2		1/2	
3/4	150,417	3/4	158,543	3/4	166,670	3/4	174,794	3/4	182,874	3/4		3/4		3/4		3/4		3/4	
2	150,586	2	158,713	2	166,839	2	174,963	2	183,041	2		2		2		2		2	
1/4	150,756	1/4	158,882	1/4	167,008	1/4	175,132	1/4	183,208	1/4		1/4		1/4		1/4		1/4	
1/2	150,925	1/2	159,051	1/2	167,178	1/2	175,300	1/2	183,375	1/2		1/2		1/2		1/2		1/2	
3/4	151,094	3/4	159,221	3/4	167,347	3/4	175,469	3/4	183,542	3/4		3/4		3/4		3/4		3/4	
3	151,264	3	159,390	3	167,516	3	175,638	3	183,709	3		3		3		3		3	
1/4	151,433	1/4	159,559	1/4	167,686	1/4	175,806	1/4	183,875	1/4		1/4		1/4		1/4		1/4	
1/2	151,602	1/2	159,728	1/2	167,855	1/2	175,975	1/2	184,042	1/2		1/2		1/2		1/2		1/2	
3/4	151,771	3/4	159,898	3/4	168,024	3/4	176,144	3/4	184,209	3/4		3/4		3/4		3/4		3/4	
4	151,941	4	160,067	4	168,193	4	176,312	4	184,375	4		4		4		4		4	
1/4	152,110	1/4	160,236	1/4	168,363	1/4	176,481	1/4	184,541	1/4		1/4		1/4		1/4		1/4	
1/2	152,279	1/2	160,406	1/2	168,532	1/2	176,650	1/2	184,706	1/2		1/2		1/2		1/2		1/2	
3/4	152,449	3/4	160,575	3/4	168,701	3/4	176,819	3/4	184,872	3/4		3/4		3/4		3/4		3/4	
5	152,618	5	160,744	5	168,871	5	176,987	5	185,038	5		5		5		5		5	
1/4	152,787	1/4	160,914	1/4	169,040	1/4	177,156	1/4	185,178	1/4		1/4		1/4		1/4		1/4	
1/2	152,956	1/2	161,083	1/2	169,209	1/2	177,325	1/2	185,319	1/2		1/2		1/2		1/2		1/2	
3/4	153,126	3/4	161,252	3/4	169,379	3/4	177,493	3/4	185,460	3/4		3/4		3/4		3/4		3/4	
6	153,295	6	161,421	6	169,548	6	177,662	6	185,601	6		6		6		6		6	
1/4	153,464	1/4	161,591	1/4	169,717	1/4	177,831	1/4	185,689	1/4		1/4		1/4		1/4		1/4	
1/2	153,634	1/2	161,760	1/2	169,886	1/2	177,999	1/2	185,778	1/2		1/2		1/2		1/2		1/2	
3/4	153,803	3/4	161,929	3/4	170,056	3/4	178,168	3/4	185,866	3/4		3/4		3/4		3/4		3/4	
7	153,972	7	162,099	7	170,225	7	178,337	7	185,954	7		7		7		7		7	
1/4	154,142	1/4	162,268	1/4	170,394	1/4	178,505	1/4	185,991	1/4		1/4		1/4		1/4		1/4	
1/2	154,311	1/2	162,437	1/2	170,564	1/2	178,674	1/2	186,027	1/2		1/2		1/2		1/2		1/2	
3/4	154,480	3/4	162,607	3/4	170,733	3/4	178,843	3/4	186,064	3/4		3/4		3/4		3/4		3/4	
8	154,649	8	162,776	8	170,902	8	179,011	8	186,100	8		8		8		8		8	
1/4	154,819	1/4	162,945	1/4	171,072	1/4	179,180	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,988	1/2	163,114	1/2	171,241	1/2	179,349	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,157	3/4	163,284	3/4	171,410	3/4	179,518	3/4		3/4		3/4		3/4		3/4		3/4	
9	155,327	9	163,453	9	171,579	9	179,686	9		9		9		9		9		9	
1/4	155,496	1/4	163,622	1/4	171,749	1/4	179,855	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,665	1/2	163,792	1/2	171,918	1/2	180,024	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,835	3/4	163,961	3/4	172,087	3/4	180,192	3/4		3/4		3/4		3/4		3/4		3/4	
10	156,004	10	164,130	10	172,257	10	180,361	10		10		10		10		10		10	
1/4	156,173	1/4	164,300	1/4	172,426	1/4	180,530	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,342	1/2	164,469	1/2	172,595	1/2	180,698	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,512	3/4	164,638	3/4	172,764	3/4	180,867	3/4		3/4		3/4		3/4		3/4		3/4	
11	156,681	11	164,807	11	172,934	11	181,036	11		11		11		11		11		11	
1/4	156,850	1/4	164,977	1/4	173,103	1/4	181,203	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,020	1/2	165,146	1/2	173,272	1/2	181,370	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,189	3/4	165,315	3/4	173,442	3/4	181,537	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 371"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	957	0	15,093	0	30,181	0	44,776	0	59,593	0	74,656	0	89,738	0	104,818	0	119,890	0	134,917
1/4	1,141	1/4	15,408	1/4	30,495	1/4	45,077	1/4	59,905	1/4	74,970	1/4	90,053	1/4	105,133	1/4	120,204	1/4	135,229
1/2	1,324	1/2	15,722	1/2	30,810	1/2	45,377	1/2	60,217	1/2	75,285	1/2	90,367	1/2	105,447	1/2	120,517	1/2	135,541
3/4	1,508	3/4	16,036	3/4	31,124	3/4	45,677	3/4	60,528	3/4	75,599	3/4	90,681	3/4	105,761	3/4	120,831	3/4	135,853
1	1,691	1	16,351	1	31,438	1	45,977	1	60,840	1	75,913	1	90,995	1	106,075	1	121,144	1	136,165
1/4	1,927	1/4	16,665	1/4	31,753	1/4	46,277	1/4	61,151	1/4	76,227	1/4	91,309	1/4	106,389	1/4	121,458	1/4	136,477
1/2	2,163	1/2	16,979	1/2	32,067	1/2	46,577	1/2	61,463	1/2	76,542	1/2	91,623	1/2	106,703	1/2	121,771	1/2	136,789
3/4	2,398	3/4	17,294	3/4	32,381	3/4	46,878	3/4	61,775	3/4	76,856	3/4	91,938	3/4	107,018	3/4	122,084	3/4	137,102
2	2,634	2	17,608	2	32,696	2	47,178	2	62,086	2	77,170	2	92,252	2	107,332	2	122,397	2	137,414
1/4	2,922	1/4	17,922	1/4	33,010	1/4	47,478	1/4	62,401	1/4	77,484	1/4	92,566	1/4	107,646	1/4	122,711	1/4	137,726
1/2	3,209	1/2	18,237	1/2	33,324	1/2	47,778	1/2	62,715	1/2	77,798	1/2	92,880	1/2	107,960	1/2	123,024	1/2	138,038
3/4	3,497	3/4	18,551	3/4	33,639	3/4	48,078	3/4	63,029	3/4	78,113	3/4	93,194	3/4	108,274	3/4	123,337	3/4	138,350
3	3,784	3	18,865	3	33,953	3	48,378	3	63,343	3	78,427	3	93,508	3	108,588	3	123,650	3	138,662
1/4	4,097	1/4	19,179	1/4	34,255	1/4	48,690	1/4	63,658	1/4	78,741	1/4	93,823	1/4	108,902	1/4	123,964	1/4	138,975
1/2	4,410	1/2	19,494	1/2	34,558	1/2	49,002	1/2	63,972	1/2	79,055	1/2	94,137	1/2	109,217	1/2	124,277	1/2	139,288
3/4	4,723	3/4	19,808	3/4	34,860	3/4	49,314	3/4	64,286	3/4	79,370	3/4	94,451	3/4	109,531	3/4	124,590	3/4	139,601
4	5,036	4	20,122	4	35,162	4	49,627	4	64,600	4	79,684	4	94,765	4	109,845	4	124,903	4	139,913
1/4	5,350	1/4	20,437	1/4	35,464	1/4	49,937	1/4	64,915	1/4	79,998	1/4	95,079	1/4	110,159	1/4	125,217	1/4	140,226
1/2	5,664	1/2	20,751	1/2	35,765	1/2	50,248	1/2	65,229	1/2	80,312	1/2	95,393	1/2	110,473	1/2	125,530	1/2	140,539
3/4	5,978	3/4	21,065	3/4	36,066	3/4	50,559	3/4	65,543	3/4	80,627	3/4	95,708	3/4	110,787	3/4	125,843	3/4	140,852
5	6,292	5	21,380	5	36,367	5	50,870	5	65,857	5	80,941	5	96,022	5	111,101	5	126,156	5	141,165
1/4	6,607	1/4	21,694	1/4	36,669	1/4	51,181	1/4	66,172	1/4	81,255	1/4	96,336	1/4	111,415	1/4	126,470	1/4	141,477
1/2	6,921	1/2	22,008	1/2	36,970	1/2	51,492	1/2	66,486	1/2	81,569	1/2	96,650	1/2	111,729	1/2	126,783	1/2	141,790
3/4	7,235	3/4	22,323	3/4	37,271	3/4	51,803	3/4	66,800	3/4	81,884	3/4	96,964	3/4	112,043	3/4	127,096	3/4	142,103
6	7,549	6	22,637	6	37,572	6	52,114	6	67,114	6	82,198	6	97,278	6	112,358	6	127,409	6	142,416
1/4	7,864	1/4	22,951	1/4	37,873	1/4	52,425	1/4	67,429	1/4	82,512	1/4	97,593	1/4	112,672	1/4	127,723	1/4	142,728
1/2	8,178	1/2	23,266	1/2	38,173	1/2	52,737	1/2	67,743	1/2	82,826	1/2	97,907	1/2	112,986	1/2	128,036	1/2	143,041
3/4	8,492	3/4	23,580	3/4	38,473	3/4	53,049	3/4	68,057	3/4	83,141	3/4	98,221	3/4	113,300	3/4	128,349	3/4	143,354
7	8,807	7	23,894	7	38,773	7	53,360	7	68,371	7	83,455	7	98,535	7	113,614	7	128,662	7	143,667
1/4	9,121	1/4	24,209	1/4	39,074	1/4	53,672	1/4	68,685	1/4	83,769	1/4	98,849	1/4	113,928	1/4	128,976	1/4	143,980
1/2	9,435	1/2	24,523	1/2	39,374	1/2	53,984	1/2	69,000	1/2	84,083	1/2	99,163	1/2	114,242	1/2	129,290	1/2	144,292
3/4	9,750	3/4	24,837	3/4	39,674	3/4	54,295	3/4	69,314	3/4	84,398	3/4	99,478	3/4	114,556	3/4	129,603	3/4	144,605
8	10,064	8	25,152	8	39,974	8	54,607	8	69,628	8	84,712	8	99,792	8	114,870	8	129,917	8	144,918
1/4	10,378	1/4	25,466	1/4	40,274	1/4	54,919	1/4	69,942	1/4	85,026	1/4	100,106	1/4	115,185	1/4	130,230	1/4	145,231
1/2	10,693	1/2	25,780	1/2	40,574	1/2	55,230	1/2	70,257	1/2	85,340	1/2	100,420	1/2	115,499	1/2	130,544	1/2	145,544
3/4	11,007	3/4	26,095	3/4	40,874	3/4	55,542	3/4	70,571	3/4	85,654	3/4	100,734	3/4	115,813	3/4	130,857	3/4	145,856
9	11,321	9	26,409	9	41,175	9	55,853	9	70,885	9	85,968	9	101,048	9	116,127	9	131,171	9	146,169
1/4	11,636	1/4	26,723	1/4	41,475	1/4	56,165	1/4	71,199	1/4	86,283	1/4	101,363	1/4	116,441	1/4	131,483	1/4	146,338
1/2	11,950	1/2	27,038	1/2	41,775	1/2	56,477	1/2	71,514	1/2	86,597	1/2	101,677	1/2	116,754	1/2	131,795	1/2	146,507
3/4	12,264	3/4	27,352	3/4	42,075	3/4	56,788	3/4	71,828	3/4	86,911	3/4	101,991	3/4	117,068	3/4	132,107	3/4	146,675
10	12,579	10	27,666	10	42,375	10	57,100	10	72,142	10	87,225	10	102,305	10	117,381	10	132,420	10	146,844
1/4	12,893	1/4	27,981	1/4	42,675	1/4	57,412	1/4	72,456	1/4	87,539	1/4	102,619	1/4	117,695	1/4	132,732	1/4	147,013
1/2	13,207	1/2	28,295	1/2	42,976	1/2	57,723	1/2	72,771	1/2	87,853	1/2	102,933	1/2	118,009	1/2	133,044	1/2	147,181
3/4	13,522	3/4	28,609	3/4	43,276	3/4	58,035	3/4	73,085	3/4	88,168	3/4	103,248	3/4	118,322	3/4	133,356	3/4	147,350
11	13,836	11	28,924	11	43,576	11	58,347	11	73,399	11	88,482	11	103,562	11	118,636	11	133,668	11	147,519
1/4	14,150	1/4	29,238	1/4	43,876	1/4	58,658	1/4	73,713	1/4	88,796	1/4	103,876	1/4	118,949	1/4	133,980	1/4	147,688
1/2	14,465	1/2	29,552	1/2	44,176	1/2	58,970	1/2	74,028	1/2	89,110	1/2	104,190	1/2	119,263	1/2	134,292	1/2	147,856
3/4	14,779	3/4	29,867	3/4	44,476	3/4	59,282	3/4	74,342	3/4	89,424	3/4	104,504	3/4	119,576	3/4	134,604	3/4	148,025

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
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BARGE "CBC 371"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,194	0	156,292	0	164,390	0	172,488	0	180,553	0		0		0		0		0	
1/4	148,362	1/4	156,461	1/4	164,559	1/4	172,657	1/4	180,719	1/4		1/4		1/4		1/4		1/4	
1/2	148,531	1/2	156,629	1/2	164,727	1/2	172,825	1/2	180,886	1/2		1/2		1/2		1/2		1/2	
3/4	148,700	3/4	156,798	3/4	164,896	3/4	172,994	3/4	181,052	3/4		3/4		3/4		3/4		3/4	
1	148,869	1	156,967	1	165,065	1	173,163	1	181,219	1		1		1		1		1	
1/4	149,037	1/4	157,135	1/4	165,233	1/4	173,331	1/4	181,385	1/4		1/4		1/4		1/4		1/4	
1/2	149,206	1/2	157,304	1/2	165,402	1/2	173,499	1/2	181,552	1/2		1/2		1/2		1/2		1/2	
3/4	149,375	3/4	157,473	3/4	165,571	3/4	173,667	3/4	181,718	3/4		3/4		3/4		3/4		3/4	
2	149,543	2	157,641	2	165,740	2	173,835	2	181,885	2		2		2		2		2	
1/4	149,712	1/4	157,810	1/4	165,908	1/4	174,003	1/4	182,051	1/4		1/4		1/4		1/4		1/4	
1/2	149,881	1/2	157,979	1/2	166,077	1/2	174,171	1/2	182,218	1/2		1/2		1/2		1/2		1/2	
3/4	150,049	3/4	158,148	3/4	166,246	3/4	174,340	3/4	182,384	3/4		3/4		3/4		3/4		3/4	
3	150,218	3	158,316	3	166,414	3	174,508	3	182,550	3		3		3		3		3	
1/4	150,387	1/4	158,485	1/4	166,583	1/4	174,676	1/4	182,716	1/4		1/4		1/4		1/4		1/4	
1/2	150,556	1/2	158,654	1/2	166,752	1/2	174,844	1/2	182,883	1/2		1/2		1/2		1/2		1/2	
3/4	150,724	3/4	158,822	3/4	166,921	3/4	175,012	3/4	183,049	3/4		3/4		3/4		3/4		3/4	
4	150,893	4	158,991	4	167,089	4	175,180	4	183,215	4		4		4		4		4	
1/4	151,062	1/4	159,160	1/4	167,258	1/4	175,348	1/4	183,380	1/4		1/4		1/4		1/4		1/4	
1/2	151,230	1/2	159,329	1/2	167,427	1/2	175,516	1/2	183,545	1/2		1/2		1/2		1/2		1/2	
3/4	151,399	3/4	159,497	3/4	167,595	3/4	175,684	3/4	183,710	3/4		3/4		3/4		3/4		3/4	
5	151,568	5	159,666	5	167,764	5	175,852	5	183,875	5		5		5		5		5	
1/4	151,737	1/4	159,835	1/4	167,933	1/4	176,021	1/4	184,015	1/4		1/4		1/4		1/4		1/4	
1/2	151,905	1/2	160,003	1/2	168,102	1/2	176,189	1/2	184,155	1/2		1/2		1/2		1/2		1/2	
3/4	152,074	3/4	160,172	3/4	168,270	3/4	176,357	3/4	184,295	3/4		3/4		3/4		3/4		3/4	
6	152,243	6	160,341	6	168,439	6	176,525	6	184,435	6		6		6		6		6	
1/4	152,411	1/4	160,510	1/4	168,608	1/4	176,693	1/4	184,523	1/4		1/4		1/4		1/4		1/4	
1/2	152,580	1/2	160,678	1/2	168,776	1/2	176,861	1/2	184,611	1/2		1/2		1/2		1/2		1/2	
3/4	152,749	3/4	160,847	3/4	168,945	3/4	177,029	3/4	184,699	3/4		3/4		3/4		3/4		3/4	
7	152,918	7	161,016	7	169,114	7	177,197	7	184,787	7		7		7		7		7	
1/4	153,086	1/4	161,184	1/4	169,283	1/4	177,365	1/4	184,823	1/4		1/4		1/4		1/4		1/4	
1/2	153,255	1/2	161,353	1/2	169,451	1/2	177,533	1/2	184,859	1/2		1/2		1/2		1/2		1/2	
3/4	153,424	3/4	161,522	3/4	169,620	3/4	177,702	3/4	184,894	3/4		3/4		3/4		3/4		3/4	
8	153,592	8	161,691	8	169,789	8	177,870	8	184,930	8		8		8		8		8	
1/4	153,761	1/4	161,859	1/4	169,957	1/4	178,038	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,930	1/2	162,028	1/2	170,126	1/2	178,206	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,099	3/4	162,197	3/4	170,295	3/4	178,374	3/4		3/4		3/4		3/4		3/4		3/4	
9	154,267	9	162,365	9	170,464	9	178,542	9		9		9		9		9		9	
1/4	154,436	1/4	162,534	1/4	170,632	1/4	178,710	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,605	1/2	162,703	1/2	170,801	1/2	178,878	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,773	3/4	162,872	3/4	170,970	3/4	179,046	3/4		3/4		3/4		3/4		3/4		3/4	
10	154,942	10	163,040	10	171,138	10	179,214	10		10		10		10		10		10	
1/4	155,111	1/4	163,209	1/4	171,307	1/4	179,383	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,280	1/2	163,378	1/2	171,476	1/2	179,551	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,448	3/4	163,546	3/4	171,645	3/4	179,719	3/4		3/4		3/4		3/4		3/4		3/4	
11	155,617	11	163,715	11	171,813	11	179,887	11		11		11		11		11		11	
1/4	155,786	1/4	163,884	1/4	171,982	1/4	180,053	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,954	1/2	164,053	1/2	172,151	1/2	180,220	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,123	3/4	164,221	3/4	172,319	3/4	180,386	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
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BARGE "CBC 371"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 PORT	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8
3 STBD	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-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"

December 15, 2012

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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 Pearland, Texas 77588

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BARGE "CBC 371"

1 PORT ULLAGE 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		0		0	208,688	0	193,500	0	178,276	0	163,051	0	147,827	0	132,602	0	117,378	0	102,150
1/4		1/4		1/4	208,372	1/4	193,183	1/4	177,959	1/4	162,734	1/4	147,510	1/4	132,285	1/4	117,061	1/4	101,833
1/2		1/2	222,162	1/2	208,056	1/2	192,866	1/2	177,641	1/2	162,417	1/2	147,192	1/2	131,968	1/2	116,743	1/2	101,516
3/4		3/4	221,980	3/4	207,740	3/4	192,549	3/4	177,324	3/4	162,100	3/4	146,875	3/4	131,651	3/4	116,426	3/4	101,198
1		1	221,798	1	207,424	1	192,232	1	177,007	1	161,783	1	146,558	1	131,334	1	116,109	1	100,881
1/4		1/4	221,616	1/4	207,108	1/4	191,914	1/4	176,690	1/4	161,465	1/4	146,241	1/4	131,016	1/4	115,792	1/4	100,564
1/2		1/2	221,434	1/2	206,792	1/2	191,597	1/2	176,373	1/2	161,148	1/2	145,924	1/2	130,699	1/2	115,475	1/2	100,246
3/4		3/4	221,201	3/4	206,476	3/4	191,280	3/4	176,056	3/4	160,831	3/4	145,607	3/4	130,382	3/4	115,158	3/4	99,929
2		2	220,967	2	206,160	2	190,963	2	175,738	2	160,514	2	145,289	2	130,065	2	114,840	2	99,612
1/4		1/4	220,733	1/4	205,844	1/4	190,646	1/4	175,421	1/4	160,197	1/4	144,972	1/4	129,748	1/4	114,523	1/4	99,295
1/2		1/2	220,500	1/2	205,529	1/2	190,328	1/2	175,104	1/2	159,880	1/2	144,655	1/2	129,431	1/2	114,206	1/2	98,977
3/4		3/4	220,213	3/4	205,213	3/4	190,011	3/4	174,787	3/4	159,562	3/4	144,338	3/4	129,113	3/4	113,889	3/4	98,660
3		3	219,927	3	204,897	3	189,694	3	174,470	3	159,245	3	144,021	3	128,796	3	113,572	3	98,343
1/4		1/4	219,640	1/4	204,581	1/4	189,377	1/4	174,152	1/4	158,928	1/4	143,703	1/4	128,479	1/4	113,254	1/4	98,025
1/2		1/2	219,354	1/2	204,265	1/2	189,060	1/2	173,835	1/2	158,611	1/2	143,386	1/2	128,162	1/2	112,937	1/2	97,708
3/4		3/4	219,042	3/4	203,949	3/4	188,743	3/4	173,518	3/4	158,294	3/4	143,069	3/4	127,845	3/4	112,620	3/4	97,391
4		4	218,730	4	203,633	4	188,425	4	173,201	4	157,976	4	142,752	4	127,527	4	112,303	4	97,074
1/4		1/4	218,419	1/4	203,317	1/4	188,108	1/4	172,884	1/4	157,659	1/4	142,435	1/4	127,210	1/4	111,986	1/4	96,756
1/2		1/2	218,107	1/2	203,001	1/2	187,791	1/2	172,567	1/2	157,342	1/2	142,118	1/2	126,893	1/2	111,669	1/2	96,439
3/4		3/4	217,795	3/4	202,685	3/4	187,474	3/4	172,249	3/4	157,025	3/4	141,800	3/4	126,576	3/4	111,351	3/4	96,122
5		5	217,482	5	202,369	5	187,157	5	171,932	5	156,708	5	141,483	5	126,259	5	111,034	5	95,804
1/4		1/4	217,170	1/4	202,053	1/4	186,840	1/4	171,615	1/4	156,391	1/4	141,166	1/4	125,942	1/4	110,717	1/4	95,487
1/2		1/2	216,857	1/2	201,737	1/2	186,522	1/2	171,298	1/2	156,073	1/2	140,849	1/2	125,624	1/2	110,400	1/2	95,170
3/4		3/4	216,544	3/4	201,421	3/4	186,205	3/4	170,981	3/4	155,756	3/4	140,532	3/4	125,307	3/4	110,083	3/4	94,853
6		6	216,231	6	201,105	6	185,888	6	170,664	6	155,439	6	140,215	6	124,990	6	109,765	6	94,535
1/4		1/4	215,918	1/4	200,789	1/4	185,571	1/4	170,346	1/4	155,122	1/4	139,897	1/4	124,673	1/4	109,448	1/4	94,218
1/2		1/2	215,605	1/2	200,473	1/2	185,254	1/2	170,029	1/2	154,805	1/2	139,580	1/2	124,356	1/2	109,131	1/2	93,901
3/4		3/4	215,292	3/4	200,157	3/4	184,936	3/4	169,712	3/4	154,487	3/4	139,263	3/4	124,038	3/4	108,813	3/4	93,583
7		7	214,979	7	199,841	7	184,619	7	169,395	7	154,170	7	138,946	7	123,721	7	108,496	7	93,266
1/4		1/4	214,666	1/4	199,525	1/4	184,302	1/4	169,078	1/4	153,853	1/4	138,629	1/4	123,404	1/4	108,179	1/4	92,949
1/2		1/2	214,353	1/2	199,209	1/2	183,985	1/2	168,760	1/2	153,536	1/2	138,311	1/2	123,087	1/2	107,862	1/2	92,631
3/4		3/4	214,040	3/4	198,892	3/4	183,668	3/4	168,443	3/4	153,219	3/4	137,994	3/4	122,770	3/4	107,544	3/4	92,314
8		8	213,727	8	198,575	8	183,351	8	168,126	8	152,902	8	137,677	8	122,453	8	107,227	8	91,997
1/4		1/4	213,414	1/4	198,258	1/4	183,033	1/4	167,809	1/4	152,584	1/4	137,360	1/4	122,135	1/4	106,910	1/4	91,680
1/2		1/2	213,101	1/2	197,941	1/2	182,716	1/2	167,492	1/2	152,267	1/2	137,043	1/2	121,818	1/2	106,592	1/2	91,362
3/4		3/4	212,788	3/4	197,624	3/4	182,399	3/4	167,175	3/4	151,950	3/4	136,726	3/4	121,501	3/4	106,275	3/4	91,045
9		9	212,474	9	197,306	9	182,082	9	166,857	9	151,633	9	136,408	9	121,184	9	105,958	9	90,728
1/4		1/4	212,161	1/4	196,989	1/4	181,765	1/4	166,540	1/4	151,316	1/4	136,091	1/4	120,867	1/4	105,640	1/4	90,410
1/2		1/2	211,848	1/2	196,672	1/2	181,448	1/2	166,223	1/2	150,999	1/2	135,774	1/2	120,550	1/2	105,323	1/2	90,093
3/4		3/4	211,532	3/4	196,355	3/4	181,130	3/4	165,906	3/4	150,681	3/4	135,457	3/4	120,232	3/4	105,006	3/4	89,776
10		10	211,216	10	196,038	10	180,813	10	165,589	10	150,364	10	135,140	10	119,915	10	104,689	10	89,459
1/4		1/4	210,900	1/4	195,721	1/4	180,496	1/4	165,272	1/4	150,047	1/4	134,823	1/4	119,598	1/4	104,371	1/4	89,141
1/2		1/2	210,584	1/2	195,403	1/2	180,179	1/2	164,954	1/2	149,730	1/2	134,505	1/2	119,281	1/2	104,054	1/2	88,824
3/4		3/4	210,268	3/4	195,086	3/4	179,862	3/4	164,637	3/4	149,413	3/4	134,188	3/4	118,964	3/4	103,737	3/4	88,507
11		11	209,952	11	194,769	11	179,544	11	164,320	11	149,095	11	133,871	11	118,646	11	103,419	11	88,189
1/4		1/4	209,636	1/4	194,452	1/4	179,227	1/4	164,003	1/4	148,778	1/4	133,554	1/4	118,329	1/4	103,102	1/4	87,872
1/2		1/2	209,320	1/2	194,135	1/2	178,910	1/2	163,686	1/2	148,461	1/2	133,237	1/2	118,012	1/2	102,785	1/2	87,555
3/4		3/4	209,004	3/4	193,817	3/4	178,593	3/4	163,368	3/4	148,144	3/4	132,919	3/4	117,695	3/4	102,468	3/4	87,237

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED 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 371"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,920	0	71,690	0	56,460	0	41,247	0	26,021	0	10,791	0		0		0		0	
1/4	86,603	1/4	71,373	1/4	56,143	1/4	40,931	1/4	25,704	1/4	10,474	1/4		1/4		1/4		1/4	
1/2	86,286	1/2	71,055	1/2	55,825	1/2	40,614	1/2	25,386	1/2	10,157	1/2		1/2		1/2		1/2	
3/4	85,968	3/4	70,738	3/4	55,508	3/4	40,297	3/4	25,069	3/4	9,840	3/4		3/4		3/4		3/4	
1	85,651	1	70,421	1	55,191	1	39,980	1	24,752	1	9,522	1		1		1		1	
1/4	85,334	1/4	70,104	1/4	54,874	1/4	39,664	1/4	24,435	1/4	9,205	1/4		1/4		1/4		1/4	
1/2	85,016	1/2	69,786	1/2	54,556	1/2	39,347	1/2	24,117	1/2	8,888	1/2		1/2		1/2		1/2	
3/4	84,699	3/4	69,469	3/4	54,239	3/4	39,029	3/4	23,800	3/4	8,571	3/4		3/4		3/4		3/4	
2	84,382	2	69,152	2	53,922	2	38,712	2	23,483	2	8,253	2		2		2		2	
1/4	84,065	1/4	68,834	1/4	53,604	1/4	38,395	1/4	23,165	1/4	7,936	1/4		1/4		1/4		1/4	
1/2	83,747	1/2	68,517	1/2	53,287	1/2	38,078	1/2	22,848	1/2	7,619	1/2		1/2		1/2		1/2	
3/4	83,430	3/4	68,200	3/4	52,970	3/4	37,760	3/4	22,531	3/4	7,301	3/4		3/4		3/4		3/4	
3	83,113	3	67,883	3	52,652	3	37,443	3	22,214	3	6,984	3		3		3		3	
1/4	82,795	1/4	67,565	1/4	52,335	1/4	37,126	1/4	21,896	1/4	6,667	1/4		1/4		1/4		1/4	
1/2	82,478	1/2	67,248	1/2	52,018	1/2	36,809	1/2	21,579	1/2	6,350	1/2		1/2		1/2		1/2	
3/4	82,161	3/4	66,931	3/4	51,701	3/4	36,491	3/4	21,262	3/4	6,033	3/4		3/4		3/4		3/4	
4	81,843	4	66,613	4	51,384	4	36,174	4	20,944	4	5,716	4		4		4		4	
1/4	81,526	1/4	66,296	1/4	51,068	1/4	35,857	1/4	20,627	1/4	5,399	1/4		1/4		1/4		1/4	
1/2	81,209	1/2	65,979	1/2	50,751	1/2	35,539	1/2	20,310	1/2	5,082	1/2		1/2		1/2		1/2	
3/4	80,892	3/4	65,662	3/4	50,434	3/4	35,222	3/4	19,993	3/4	4,767	3/4		3/4		3/4		3/4	
5	80,574	5	65,344	5	50,117	5	34,905	5	19,675	5	4,451	5		5		5		5	
1/4	80,257	1/4	65,027	1/4	49,800	1/4	34,588	1/4	19,358	1/4	4,135	1/4		1/4		1/4		1/4	
1/2	79,940	1/2	64,710	1/2	49,484	1/2	34,270	1/2	19,041	1/2	3,819	1/2		1/2		1/2		1/2	
3/4	79,622	3/4	64,392	3/4	49,167	3/4	33,953	3/4	18,724	3/4	3,529	3/4		3/4		3/4		3/4	
6	79,305	6	64,075	6	48,850	6	33,636	6	18,406	6	3,238	6		6		6		6	
1/4	78,988	1/4	63,758	1/4	48,533	1/4	33,318	1/4	18,089	1/4	2,947	1/4		1/4		1/4		1/4	
1/2	78,671	1/2	63,440	1/2	48,217	1/2	33,001	1/2	17,772	1/2	2,656	1/2		1/2		1/2		1/2	
3/4	78,353	3/4	63,123	3/4	47,900	3/4	32,684	3/4	17,454	3/4	2,418	3/4		3/4		3/4		3/4	
7	78,036	7	62,806	7	47,583	7	32,367	7	17,137	7	2,180	7		7		7		7	
1/4	77,719	1/4	62,489	1/4	47,266	1/4	32,049	1/4	16,820	1/4	1,942	1/4		1/4		1/4		1/4	
1/2	77,401	1/2	62,171	1/2	46,949	1/2	31,732	1/2	16,503	1/2	1,705	1/2		1/2		1/2		1/2	
3/4	77,084	3/4	61,854	3/4	46,633	3/4	31,415	3/4	16,185	3/4	1,520	3/4		3/4		3/4		3/4	
8	76,767	8	61,537	8	46,316	8	31,097	8	15,868	8	1,334	8		8		8		8	
1/4	76,449	1/4	61,219	1/4	45,999	1/4	30,780	1/4	15,551	1/4	1,149	1/4		1/4		1/4		1/4	
1/2	76,132	1/2	60,902	1/2	45,682	1/2	30,463	1/2	15,233	1/2	964	1/2		1/2		1/2		1/2	
3/4	75,815	3/4	60,585	3/4	45,366	3/4	30,146	3/4	14,916	3/4		3/4		3/4		3/4		3/4	
9	75,498	9	60,268	9	45,049	9	29,828	9	14,599	9		9		9		9		9	
1/4	75,180	1/4	59,950	1/4	44,732	1/4	29,511	1/4	14,282	1/4		1/4		1/4		1/4		1/4	
1/2	74,863	1/2	59,633	1/2	44,415	1/2	29,194	1/2	13,964	1/2		1/2		1/2		1/2		1/2	
3/4	74,546	3/4	59,316	3/4	44,098	3/4	28,877	3/4	13,647	3/4		3/4		3/4		3/4		3/4	
10	74,228	10	58,998	10	43,782	10	28,559	10	13,330	10		10		10		10		10	
1/4	73,911	1/4	58,681	1/4	43,465	1/4	28,242	1/4	13,012	1/4		1/4		1/4		1/4		1/4	
1/2	73,594	1/2	58,364	1/2	43,148	1/2	27,925	1/2	12,695	1/2		1/2		1/2		1/2		1/2	
3/4	73,277	3/4	58,046	3/4	42,831	3/4	27,607	3/4	12,378	3/4		3/4		3/4		3/4		3/4	
11	72,959	11	57,729	11	42,515	11	27,290	11	12,061	11		11		11		11		11	
1/4	72,642	1/4	57,412	1/4	42,198	1/4	26,973	1/4	11,743	1/4		1/4		1/4		1/4		1/4	
1/2	72,325	1/2	57,095	1/2	41,881	1/2	26,656	1/2	11,426	1/2		1/2		1/2		1/2		1/2	
3/4	72,007	3/4	56,777	3/4	41,564	3/4	26,338	3/4	11,109	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 371"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	209,762	0	194,568	0	179,335	0	164,101	0	148,868	0	133,634	0	118,400	0	103,164
1/4		1/4		1/4	209,446	1/4	194,251	1/4	179,018	1/4	163,784	1/4	148,550	1/4	133,317	1/4	118,083	1/4	102,847
1/2		1/2		1/2	209,129	1/2	193,934	1/2	178,700	1/2	163,467	1/2	148,233	1/2	132,999	1/2	117,766	1/2	102,529
3/4		3/4		3/4	208,813	3/4	193,616	3/4	178,383	3/4	163,149	3/4	147,916	3/4	132,682	3/4	117,448	3/4	102,212
1		1		1	208,497	1	193,299	1	178,065	1	162,832	1	147,598	1	132,365	1	117,131	1	101,894
1/4		1/4		1/4	222,296	1/4	208,181	1/4	192,982	1/4	177,748	1/4	162,514	1/4	147,281	1/4	132,047	1/4	116,814
1/2		1/2		1/2	222,114	1/2	207,865	1/2	192,664	1/2	177,431	1/2	162,197	1/2	146,963	1/2	131,730	1/2	116,496
3/4		3/4		3/4	221,932	3/4	207,549	3/4	192,347	3/4	177,113	3/4	161,880	3/4	146,646	3/4	131,412	3/4	116,179
2		2		2	221,749	2	207,233	2	192,030	2	176,796	2	161,562	2	146,329	2	131,095	2	115,861
1/4		1/4		1/4	221,567	1/4	206,916	1/4	191,712	1/4	176,479	1/4	161,245	1/4	146,011	1/4	130,778	1/4	115,544
1/2		1/2		1/2	221,333	1/2	206,600	1/2	191,395	1/2	176,161	1/2	160,928	1/2	145,694	1/2	130,460	1/2	115,227
3/4		3/4		3/4	221,100	3/4	206,284	3/4	191,077	3/4	175,844	3/4	160,610	3/4	145,377	3/4	130,143	3/4	114,909
3		3		3	220,866	3	205,968	3	190,760	3	175,526	3	160,293	3	145,059	3	129,826	3	114,592
1/4		1/4		1/4	220,632	1/4	205,652	1/4	190,443	1/4	175,209	1/4	159,975	1/4	144,742	1/4	129,508	1/4	114,275
1/2		1/2		1/2	220,345	1/2	205,336	1/2	190,125	1/2	174,892	1/2	159,658	1/2	144,424	1/2	129,191	1/2	113,957
3/4		3/4		3/4	220,059	3/4	205,020	3/4	189,808	3/4	174,574	3/4	159,341	3/4	144,107	3/4	128,873	3/4	113,640
4		4		4	219,772	4	204,703	4	189,491	4	174,257	4	159,023	4	143,790	4	128,556	4	113,322
1/4		1/4		1/4	219,485	1/4	204,387	1/4	189,173	1/4	173,940	1/4	158,706	1/4	143,472	1/4	128,239	1/4	113,005
1/2		1/2		1/2	219,173	1/2	204,071	1/2	188,856	1/2	173,622	1/2	158,389	1/2	143,155	1/2	127,921	1/2	112,688
3/4		3/4		3/4	218,862	3/4	203,755	3/4	188,539	3/4	173,305	3/4	158,071	3/4	142,838	3/4	127,604	3/4	112,370
5		5		5	218,550	5	203,439	5	188,221	5	172,988	5	157,754	5	142,520	5	127,287	5	112,053
1/4		1/4		1/4	218,238	1/4	203,123	1/4	187,904	1/4	172,670	1/4	157,437	1/4	142,203	1/4	126,969	1/4	111,736
1/2		1/2		1/2	217,925	1/2	202,807	1/2	187,586	1/2	172,353	1/2	157,119	1/2	141,886	1/2	126,652	1/2	111,418
3/4		3/4		3/4	217,613	3/4	202,490	3/4	187,269	3/4	172,035	3/4	156,802	3/4	141,568	3/4	126,335	3/4	111,101
6		6		6	217,300	6	202,174	6	186,952	6	171,718	6	156,484	6	141,251	6	126,017	6	110,784
1/4		1/4		1/4	216,987	1/4	201,858	1/4	186,634	1/4	171,401	1/4	156,167	1/4	140,933	1/4	125,700	1/4	110,466
1/2		1/2		1/2	216,674	1/2	201,542	1/2	186,317	1/2	171,083	1/2	155,850	1/2	140,616	1/2	125,382	1/2	110,149
3/4		3/4		3/4	216,361	3/4	201,226	3/4	186,000	3/4	170,766	3/4	155,532	3/4	140,299	3/4	125,065	3/4	109,831
7		7		7	216,048	7	200,910	7	185,682	7	170,449	7	155,215	7	139,981	7	124,748	7	109,514
1/4		1/4		1/4	215,734	1/4	200,594	1/4	185,365	1/4	170,131	1/4	154,898	1/4	139,664	1/4	124,430	1/4	109,196
1/2		1/2		1/2	215,421	1/2	200,277	1/2	185,047	1/2	169,814	1/2	154,580	1/2	139,347	1/2	124,113	1/2	108,879
3/4		3/4		3/4	215,108	3/4	199,961	3/4	184,730	3/4	169,496	3/4	154,263	3/4	139,029	3/4	123,796	3/4	108,561
8		8		8	214,795	8	199,645	8	184,413	8	169,179	8	153,945	8	138,712	8	123,478	8	108,244
1/4		1/4		1/4	214,481	1/4	199,329	1/4	184,095	1/4	168,862	1/4	153,628	1/4	138,394	1/4	123,161	1/4	107,926
1/2		1/2		1/2	214,168	1/2	199,012	1/2	183,778	1/2	168,544	1/2	153,311	1/2	138,077	1/2	122,843	1/2	107,609
3/4		3/4		3/4	213,855	3/4	198,694	3/4	183,461	3/4	168,227	3/4	152,993	3/4	137,760	3/4	122,526	3/4	107,291
9		9		9	213,542	9	198,377	9	183,143	9	167,910	9	152,676	9	137,442	9	122,209	9	106,974
1/4		1/4		1/4	213,229	1/4	198,060	1/4	182,826	1/4	167,592	1/4	152,359	1/4	137,125	1/4	121,891	1/4	106,656
1/2		1/2		1/2	212,915	1/2	197,742	1/2	182,509	1/2	167,275	1/2	152,041	1/2	136,808	1/2	121,574	1/2	106,339
3/4		3/4		3/4	212,602	3/4	197,425	3/4	182,191	3/4	166,958	3/4	151,724	3/4	136,490	3/4	121,257	3/4	106,021
10		10		10	212,289	10	197,107	10	181,874	10	166,640	10	151,407	10	136,173	10	120,939	10	105,704
1/4		1/4		1/4	211,976	1/4	196,790	1/4	181,556	1/4	166,323	1/4	151,089	1/4	135,856	1/4	120,622	1/4	105,386
1/2		1/2		1/2	211,659	1/2	196,473	1/2	181,239	1/2	166,005	1/2	150,772	1/2	135,538	1/2	120,305	1/2	105,069
3/4		3/4		3/4	211,343	3/4	196,155	3/4	180,922	3/4	165,688	3/4	150,454	3/4	135,221	3/4	119,987	3/4	104,751
11		11		11	211,027	11	195,838	11	180,604	11	165,371	11	150,137	11	134,903	11	119,670	11	104,434
1/4		1/4		1/4	210,711	1/4	195,521	1/4	180,287	1/4	165,053	1/4	149,820	1/4	134,586	1/4	119,352	1/4	104,116
1/2		1/2		1/2	210,394	1/2	195,203	1/2	179,970	1/2	164,736	1/2	149,502	1/2	134,269	1/2	119,035	1/2	103,799
3/4		3/4		3/4	210,078	3/4	194,886	3/4	179,652	3/4	164,419	3/4	149,185	3/4	133,951	3/4	118,718	3/4	103,482

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED 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 371"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	87,925	0	72,686	0	57,446	0	42,223	0	26,989	0	11,750	0		0		0		0	
1/4	87,607	1/4	72,368	1/4	57,129	1/4	41,906	1/4	26,672	1/4	11,433	1/4		1/4		1/4		1/4	
1/2	87,290	1/2	72,051	1/2	56,811	1/2	41,589	1/2	26,354	1/2	11,115	1/2		1/2		1/2		1/2	
3/4	86,972	3/4	71,733	3/4	56,494	3/4	41,272	3/4	26,037	3/4	10,798	3/4		3/4		3/4		3/4	
1	86,655	1	71,416	1	56,176	1	40,955	1	25,719	1	10,480	1		1		1		1	
1/4	86,337	1/4	71,098	1/4	55,859	1/4	40,638	1/4	25,402	1/4	10,163	1/4		1/4		1/4		1/4	
1/2	86,020	1/2	70,781	1/2	55,541	1/2	40,321	1/2	25,084	1/2	9,846	1/2		1/2		1/2		1/2	
3/4	85,702	3/4	70,463	3/4	55,224	3/4	40,004	3/4	24,767	3/4	9,528	3/4		3/4		3/4		3/4	
2	85,385	2	70,146	2	54,906	2	39,687	2	24,449	2	9,211	2		2		2		2	
1/4	85,067	1/4	69,828	1/4	54,589	1/4	39,370	1/4	24,132	1/4	8,893	1/4		1/4		1/4		1/4	
1/2	84,750	1/2	69,511	1/2	54,271	1/2	39,053	1/2	23,814	1/2	8,576	1/2		1/2		1/2		1/2	
3/4	84,432	3/4	69,193	3/4	53,954	3/4	38,735	3/4	23,497	3/4	8,258	3/4		3/4		3/4		3/4	
3	84,115	3	68,876	3	53,637	3	38,418	3	23,179	3	7,941	3		3		3		3	
1/4	83,798	1/4	68,558	1/4	53,319	1/4	38,101	1/4	22,862	1/4	7,623	1/4		1/4		1/4		1/4	
1/2	83,480	1/2	68,241	1/2	53,002	1/2	37,783	1/2	22,544	1/2	7,306	1/2		1/2		1/2		1/2	
3/4	83,163	3/4	67,923	3/4	52,684	3/4	37,466	3/4	22,227	3/4	6,988	3/4		3/4		3/4		3/4	
4	82,845	4	67,606	4	52,367	4	37,148	4	21,909	4	6,671	4		4		4		4	
1/4	82,528	1/4	67,288	1/4	52,049	1/4	36,831	1/4	21,592	1/4	6,354	1/4		1/4		1/4		1/4	
1/2	82,210	1/2	66,971	1/2	51,732	1/2	36,513	1/2	21,275	1/2	6,037	1/2		1/2		1/2		1/2	
3/4	81,893	3/4	66,653	3/4	51,415	3/4	36,196	3/4	20,957	3/4	5,720	3/4		3/4		3/4		3/4	
5	81,575	5	66,336	5	51,098	5	35,878	5	20,640	5	5,402	5		5		5		5	
1/4	81,258	1/4	66,018	1/4	50,781	1/4	35,561	1/4	20,322	1/4	5,085	1/4		1/4		1/4		1/4	
1/2	80,940	1/2	65,701	1/2	50,464	1/2	35,243	1/2	20,005	1/2	4,769	1/2		1/2		1/2		1/2	
3/4	80,623	3/4	65,383	3/4	50,147	3/4	34,926	3/4	19,687	3/4	4,454	3/4		3/4		3/4		3/4	
6	80,305	6	65,066	6	49,830	6	34,608	6	19,370	6	4,138	6		6		6		6	
1/4	79,988	1/4	64,748	1/4	49,513	1/4	34,291	1/4	19,052	1/4	3,822	1/4		1/4		1/4		1/4	
1/2	79,670	1/2	64,431	1/2	49,196	1/2	33,973	1/2	18,735	1/2	3,531	1/2		1/2		1/2		1/2	
3/4	79,353	3/4	64,113	3/4	48,879	3/4	33,656	3/4	18,417	3/4	3,240	3/4		3/4		3/4		3/4	
7	79,035	7	63,796	7	48,562	7	33,338	7	18,100	7	2,949	7		7		7		7	
1/4	78,718	1/4	63,479	1/4	48,245	1/4	33,021	1/4	17,782	1/4	2,658	1/4		1/4		1/4		1/4	
1/2	78,400	1/2	63,161	1/2	47,929	1/2	32,704	1/2	17,465	1/2	2,420	1/2		1/2		1/2		1/2	
3/4	78,083	3/4	62,844	3/4	47,612	3/4	32,386	3/4	17,147	3/4	2,182	3/4		3/4		3/4		3/4	
8	77,765	8	62,526	8	47,295	8	32,069	8	16,830	8	1,944	8		8		8		8	
1/4	77,448	1/4	62,209	1/4	46,978	1/4	31,751	1/4	16,512	1/4	1,706	1/4		1/4		1/4		1/4	
1/2	77,130	1/2	61,891	1/2	46,661	1/2	31,434	1/2	16,195	1/2	1,520	1/2		1/2		1/2		1/2	
3/4	76,813	3/4	61,574	3/4	46,344	3/4	31,116	3/4	15,878	3/4	1,335	3/4		3/4		3/4		3/4	
9	76,495	9	61,256	9	46,027	9	30,799	9	15,560	9	1,150	9		9		9		9	
1/4	76,178	1/4	60,939	1/4	45,710	1/4	30,481	1/4	15,243	1/4	965	1/4		1/4		1/4		1/4	
1/2	75,860	1/2	60,621	1/2	45,393	1/2	30,164	1/2	14,925	1/2		1/2		1/2		1/2		1/2	
3/4	75,543	3/4	60,304	3/4	45,076	3/4	29,846	3/4	14,608	3/4		3/4		3/4		3/4		3/4	
10	75,225	10	59,986	10	44,759	10	29,529	10	14,290	10		10		10		10		10	
1/4	74,908	1/4	59,669	1/4	44,442	1/4	29,211	1/4	13,973	1/4		1/4		1/4		1/4		1/4	
1/2	74,590	1/2	59,351	1/2	44,125	1/2	28,894	1/2	13,655	1/2		1/2		1/2		1/2		1/2	
3/4	74,273	3/4	59,034	3/4	43,808	3/4	28,576	3/4	13,338	3/4		3/4		3/4		3/4		3/4	
11	73,956	11	58,716	11	43,491	11	28,259	11	13,020	11		11		11		11		11	
1/4	73,638	1/4	58,399	1/4	43,174	1/4	27,941	1/4	12,703	1/4		1/4		1/4		1/4		1/4	
1/2	73,321	1/2	58,081	1/2	42,857	1/2	27,624	1/2	12,385	1/2		1/2		1/2		1/2		1/2	
3/4	73,003	3/4	57,764	3/4	42,540	3/4	27,306	3/4	12,068	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 371"

2 PORT ULLAGE 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		0		0	207,962	0	192,827	0	177,656	0	162,484	0	147,313	0	132,141	0	116,970	0	101,795
1/4		1/4		1/4	207,647	1/4	192,511	1/4	177,340	1/4	162,168	1/4	146,997	1/4	131,825	1/4	116,654	1/4	101,479
1/2		1/2	221,389	1/2	207,332	1/2	192,195	1/2	177,024	1/2	161,852	1/2	146,681	1/2	131,509	1/2	116,337	1/2	101,163
3/4		3/4	221,208	3/4	207,018	3/4	191,879	3/4	176,708	3/4	161,536	3/4	146,364	3/4	131,193	3/4	116,021	3/4	100,846
1		1	221,027	1	206,703	1	191,563	1	176,391	1	161,220	1	146,048	1	130,877	1	115,705	1	100,530
1/4		1/4	220,845	1/4	206,388	1/4	191,247	1/4	176,075	1/4	160,904	1/4	145,732	1/4	130,561	1/4	115,389	1/4	100,214
1/2		1/2	220,664	1/2	206,073	1/2	190,931	1/2	175,759	1/2	160,588	1/2	145,416	1/2	130,245	1/2	115,073	1/2	99,898
3/4		3/4	220,431	3/4	205,758	3/4	190,615	3/4	175,443	3/4	160,272	3/4	145,100	3/4	129,929	3/4	114,757	3/4	99,582
2		2	220,198	2	205,443	2	190,299	2	175,127	2	159,956	2	144,784	2	129,613	2	114,441	2	99,266
1/4		1/4	219,965	1/4	205,129	1/4	189,983	1/4	174,811	1/4	159,640	1/4	144,468	1/4	129,296	1/4	114,125	1/4	98,949
1/2		1/2	219,732	1/2	204,814	1/2	189,667	1/2	174,495	1/2	159,324	1/2	144,152	1/2	128,980	1/2	113,809	1/2	98,633
3/4		3/4	219,447	3/4	204,499	3/4	189,351	3/4	174,179	3/4	159,007	3/4	143,836	3/4	128,664	3/4	113,493	3/4	98,317
3		3	219,161	3	204,184	3	189,034	3	173,863	3	158,691	3	143,520	3	128,348	3	113,177	3	98,001
1/4		1/4	218,876	1/4	203,869	1/4	188,718	1/4	173,547	1/4	158,375	1/4	143,204	1/4	128,032	1/4	112,861	1/4	97,685
1/2		1/2	218,590	1/2	203,554	1/2	188,402	1/2	173,231	1/2	158,059	1/2	142,888	1/2	127,716	1/2	112,545	1/2	97,368
3/4		3/4	218,280	3/4	203,239	3/4	188,086	3/4	172,915	3/4	157,743	3/4	142,572	3/4	127,400	3/4	112,229	3/4	97,052
4		4	217,969	4	202,925	4	187,770	4	172,599	4	157,427	4	142,256	4	127,084	4	111,912	4	96,736
1/4		1/4	217,659	1/4	202,610	1/4	187,454	1/4	172,283	1/4	157,111	1/4	141,939	1/4	126,768	1/4	111,596	1/4	96,420
1/2		1/2	217,348	1/2	202,295	1/2	187,138	1/2	171,966	1/2	156,795	1/2	141,623	1/2	126,452	1/2	111,280	1/2	96,104
3/4		3/4	217,037	3/4	201,980	3/4	186,822	3/4	171,650	3/4	156,479	3/4	141,307	3/4	126,136	3/4	110,964	3/4	95,787
5		5	216,725	5	201,665	5	186,506	5	171,334	5	156,163	5	140,991	5	125,820	5	110,648	5	95,471
1/4		1/4	216,414	1/4	201,350	1/4	186,190	1/4	171,018	1/4	155,847	1/4	140,675	1/4	125,504	1/4	110,332	1/4	95,155
1/2		1/2	216,102	1/2	201,035	1/2	185,874	1/2	170,702	1/2	155,531	1/2	140,359	1/2	125,188	1/2	110,016	1/2	94,839
3/4		3/4	215,791	3/4	200,721	3/4	185,558	3/4	170,386	3/4	155,215	3/4	140,043	3/4	124,871	3/4	109,700	3/4	94,523
6		6	215,479	6	200,406	6	185,242	6	170,070	6	154,898	6	139,727	6	124,555	6	109,384	6	94,206
1/4		1/4	215,167	1/4	200,091	1/4	184,925	1/4	169,754	1/4	154,582	1/4	139,411	1/4	124,239	1/4	109,067	1/4	93,890
1/2		1/2	214,855	1/2	199,776	1/2	184,609	1/2	169,438	1/2	154,266	1/2	139,095	1/2	123,923	1/2	108,751	1/2	93,574
3/4		3/4	214,543	3/4	199,461	3/4	184,293	3/4	169,122	3/4	153,950	3/4	138,779	3/4	123,607	3/4	108,435	3/4	93,258
7		7	214,231	7	199,146	7	183,977	7	168,806	7	153,634	7	138,463	7	123,291	7	108,119	7	92,942
1/4		1/4	213,919	1/4	198,832	1/4	183,661	1/4	168,490	1/4	153,318	1/4	138,147	1/4	122,975	1/4	107,803	1/4	92,626
1/2		1/2	213,607	1/2	198,517	1/2	183,345	1/2	168,174	1/2	153,002	1/2	137,830	1/2	122,659	1/2	107,486	1/2	92,309
3/4		3/4	213,295	3/4	198,201	3/4	183,029	3/4	167,857	3/4	152,686	3/4	137,514	3/4	122,343	3/4	107,170	3/4	91,993
8		8	212,983	8	197,885	8	182,713	8	167,541	8	152,370	8	137,198	8	122,027	8	106,854	8	91,677
1/4		1/4	212,671	1/4	197,568	1/4	182,397	1/4	167,225	1/4	152,054	1/4	136,882	1/4	121,711	1/4	106,538	1/4	91,361
1/2		1/2	212,359	1/2	197,252	1/2	182,081	1/2	166,909	1/2	151,738	1/2	136,566	1/2	121,395	1/2	106,222	1/2	91,045
3/4		3/4	212,047	3/4	196,936	3/4	181,765	3/4	166,593	3/4	151,422	3/4	136,250	3/4	121,079	3/4	105,906	3/4	90,728
9		9	211,735	9	196,620	9	181,449	9	166,277	9	151,106	9	135,934	9	120,762	9	105,589	9	90,412
1/4		1/4	211,423	1/4	196,304	1/4	181,133	1/4	165,961	1/4	150,790	1/4	135,618	1/4	120,446	1/4	105,273	1/4	90,096
1/2		1/2	211,112	1/2	195,988	1/2	180,817	1/2	165,645	1/2	150,473	1/2	135,302	1/2	120,130	1/2	104,957	1/2	89,780
3/4		3/4	210,797	3/4	195,672	3/4	180,500	3/4	165,329	3/4	150,157	3/4	134,986	3/4	119,814	3/4	104,641	3/4	89,464
10		10	210,482	10	195,356	10	180,184	10	165,013	10	149,841	10	134,670	10	119,498	10	104,325	10	89,147
1/4		1/4	210,167	1/4	195,040	1/4	179,868	1/4	164,697	1/4	149,525	1/4	134,354	1/4	119,182	1/4	104,008	1/4	88,831
1/2		1/2	209,852	1/2	194,724	1/2	179,552	1/2	164,381	1/2	149,209	1/2	134,038	1/2	118,866	1/2	103,692	1/2	88,515
3/4		3/4	209,537	3/4	194,408	3/4	179,236	3/4	164,065	3/4	148,893	3/4	133,722	3/4	118,550	3/4	103,376	3/4	88,199
11		11	209,222	11	194,092	11	178,920	11	163,749	11	148,577	11	133,405	11	118,234	11	103,060	11	87,883
1/4		1/4	208,907	1/4	193,776	1/4	178,604	1/4	163,432	1/4	148,261	1/4	133,089	1/4	117,918	1/4	102,744	1/4	87,566
1/2		1/2	208,592	1/2	193,459	1/2	178,288	1/2	163,116	1/2	147,945	1/2	132,773	1/2	117,602	1/2	102,427	1/2	87,250
3/4		3/4	208,277	3/4	193,143	3/4	177,972	3/4	162,800	3/4	147,629	3/4	132,457	3/4	117,286	3/4	102,111	3/4	86,934

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED 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 371"

2 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	86,618	0	71,441	0	56,264	0	41,104	0	25,931	0	10,754	0		0		0		0	
1/4	86,302	1/4	71,125	1/4	55,947	1/4	40,788	1/4	25,614	1/4	10,438	1/4		1/4		1/4		1/4	
1/2	85,986	1/2	70,808	1/2	55,631	1/2	40,473	1/2	25,298	1/2	10,122	1/2		1/2		1/2		1/2	
3/4	85,669	3/4	70,492	3/4	55,315	3/4	40,157	3/4	24,982	3/4	9,805	3/4		3/4		3/4		3/4	
1	85,353	1	70,176	1	54,999	1	39,841	1	24,666	1	9,489	1		1		1		1	
1/4	85,037	1/4	69,860	1/4	54,683	1/4	39,526	1/4	24,350	1/4	9,173	1/4		1/4		1/4		1/4	
1/2	84,721	1/2	69,544	1/2	54,366	1/2	39,210	1/2	24,033	1/2	8,857	1/2		1/2		1/2		1/2	
3/4	84,405	3/4	69,227	3/4	54,050	3/4	38,894	3/4	23,717	3/4	8,541	3/4		3/4		3/4		3/4	
2	84,088	2	68,911	2	53,734	2	38,578	2	23,401	2	8,225	2		2		2		2	
1/4	83,772	1/4	68,595	1/4	53,418	1/4	38,261	1/4	23,085	1/4	7,908	1/4		1/4		1/4		1/4	
1/2	83,456	1/2	68,279	1/2	53,102	1/2	37,945	1/2	22,769	1/2	7,592	1/2		1/2		1/2		1/2	
3/4	83,140	3/4	67,963	3/4	52,786	3/4	37,629	3/4	22,453	3/4	7,276	3/4		3/4		3/4		3/4	
3	82,824	3	67,646	3	52,469	3	37,313	3	22,136	3	6,960	3		3		3		3	
1/4	82,507	1/4	67,330	1/4	52,153	1/4	36,997	1/4	21,820	1/4	6,644	1/4		1/4		1/4		1/4	
1/2	82,191	1/2	67,014	1/2	51,837	1/2	36,681	1/2	21,504	1/2	6,328	1/2		1/2		1/2		1/2	
3/4	81,875	3/4	66,698	3/4	51,521	3/4	36,364	3/4	21,188	3/4	6,012	3/4		3/4		3/4		3/4	
4	81,559	4	66,382	4	51,206	4	36,048	4	20,872	4	5,696	4		4		4		4	
1/4	81,243	1/4	66,066	1/4	50,890	1/4	35,732	1/4	20,556	1/4	5,380	1/4		1/4		1/4		1/4	
1/2	80,926	1/2	65,749	1/2	50,574	1/2	35,416	1/2	20,239	1/2	5,065	1/2		1/2		1/2		1/2	
3/4	80,610	3/4	65,433	3/4	50,259	3/4	35,100	3/4	19,923	3/4	4,750	3/4		3/4		3/4		3/4	
5	80,294	5	65,117	5	49,943	5	34,784	5	19,607	5	4,435	5		5		5		5	
1/4	79,978	1/4	64,801	1/4	49,627	1/4	34,467	1/4	19,291	1/4	4,121	1/4		1/4		1/4		1/4	
1/2	79,662	1/2	64,485	1/2	49,312	1/2	34,151	1/2	18,975	1/2	3,806	1/2		1/2		1/2		1/2	
3/4	79,346	3/4	64,168	3/4	48,996	3/4	33,835	3/4	18,658	3/4	3,516	3/4		3/4		3/4		3/4	
6	79,029	6	63,852	6	48,680	6	33,519	6	18,342	6	3,227	6		6		6		6	
1/4	78,713	1/4	63,536	1/4	48,365	1/4	33,203	1/4	18,026	1/4	2,937	1/4		1/4		1/4		1/4	
1/2	78,397	1/2	63,220	1/2	48,049	1/2	32,886	1/2	17,710	1/2	2,647	1/2		1/2		1/2		1/2	
3/4	78,081	3/4	62,904	3/4	47,733	3/4	32,570	3/4	17,394	3/4	2,410	3/4		3/4		3/4		3/4	
7	77,765	7	62,587	7	47,418	7	32,254	7	17,078	7	2,173	7		7		7		7	
1/4	77,448	1/4	62,271	1/4	47,102	1/4	31,938	1/4	16,761	1/4	1,936	1/4		1/4		1/4		1/4	
1/2	77,132	1/2	61,955	1/2	46,786	1/2	31,622	1/2	16,445	1/2	1,699	1/2		1/2		1/2		1/2	
3/4	76,816	3/4	61,639	3/4	46,471	3/4	31,306	3/4	16,129	3/4	1,514	3/4		3/4		3/4		3/4	
8	76,500	8	61,323	8	46,155	8	30,989	8	15,813	8	1,330	8		8		8		8	
1/4	76,184	1/4	61,006	1/4	45,839	1/4	30,673	1/4	15,497	1/4	1,145	1/4		1/4		1/4		1/4	
1/2	75,867	1/2	60,690	1/2	45,523	1/2	30,357	1/2	15,180	1/2	961	1/2		1/2		1/2		1/2	
3/4	75,551	3/4	60,374	3/4	45,208	3/4	30,041	3/4	14,864	3/4		3/4		3/4		3/4		3/4	
9	75,235	9	60,058	9	44,892	9	29,725	9	14,548	9		9		9		9		9	
1/4	74,919	1/4	59,742	1/4	44,576	1/4	29,408	1/4	14,232	1/4		1/4		1/4		1/4		1/4	
1/2	74,603	1/2	59,426	1/2	44,261	1/2	29,092	1/2	13,916	1/2		1/2		1/2		1/2		1/2	
3/4	74,286	3/4	59,109	3/4	43,945	3/4	28,776	3/4	13,600	3/4		3/4		3/4		3/4		3/4	
10	73,970	10	58,793	10	43,629	10	28,460	10	13,283	10		10		10		10		10	
1/4	73,654	1/4	58,477	1/4	43,314	1/4	28,144	1/4	12,967	1/4		1/4		1/4		1/4		1/4	
1/2	73,338	1/2	58,161	1/2	42,998	1/2	27,828	1/2	12,651	1/2		1/2		1/2		1/2		1/2	
3/4	73,022	3/4	57,845	3/4	42,682	3/4	27,511	3/4	12,335	3/4		3/4		3/4		3/4		3/4	
11	72,706	11	57,528	11	42,367	11	27,195	11	12,019	11		11		11		11		11	
1/4	72,389	1/4	57,212	1/4	42,051	1/4	26,879	1/4	11,703	1/4		1/4		1/4		1/4		1/4	
1/2	72,073	1/2	56,896	1/2	41,735	1/2	26,563	1/2	11,386	1/2		1/2		1/2		1/2		1/2	
3/4	71,757	3/4	56,580	3/4	41,420	3/4	26,247	3/4	11,070	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 371"

2 STBD

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED 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 371"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 371"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	179,264	0	171,156	0	163,030	0	154,903	0	146,417	0	131,389	0	116,307	0	101,200
1/4		3/8	186,100	1/4	179,096	1/4	170,987	1/4	162,861	1/4	154,734	1/4	146,104	1/4	131,074	1/4	115,993	1/4	100,886
1/2		1/2	186,082	1/2	178,927	1/2	170,818	1/2	162,691	1/2	154,565	1/2	145,790	1/2	130,760	1/2	115,678	1/2	100,571
3/4		3/4	186,046	3/4	178,758	3/4	170,648	3/4	162,522	3/4	154,396	3/4	145,477	3/4	130,446	3/4	115,363	3/4	100,256
1		1	186,009	1	178,590	1	170,479	1	162,353	1	154,226	1	145,163	1	130,132	1	115,049	1	99,941
1/4		1/4	185,973	1/4	178,421	1/4	170,310	1/4	162,183	1/4	154,057	1/4	144,850	1/4	129,818	1/4	114,734	1/4	99,627
1/2		1/2	185,910	1/2	178,252	1/2	170,140	1/2	162,014	1/2	153,888	1/2	144,537	1/2	129,504	1/2	114,419	1/2	99,312
3/4		3/4	185,822	3/4	178,084	3/4	169,971	3/4	161,845	3/4	153,718	3/4	144,223	3/4	129,189	3/4	114,104	3/4	98,997
2		2	185,733	2	177,915	2	169,802	2	161,675	2	153,549	2	143,910	2	128,875	2	113,790	2	98,682
1/4		1/4	185,645	1/4	177,746	1/4	169,632	1/4	161,506	1/4	153,380	1/4	143,597	1/4	128,561	1/4	113,475	1/4	98,368
1/2		1/2	185,530	1/2	177,578	1/2	169,463	1/2	161,337	1/2	153,210	1/2	143,283	1/2	128,247	1/2	113,160	1/2	98,053
3/4		3/4	185,390	3/4	177,409	3/4	169,294	3/4	161,168	3/4	153,041	3/4	142,970	3/4	127,933	3/4	112,846	3/4	97,738
3		3	185,249	3	177,240	3	169,125	3	160,998	3	152,872	3	142,656	3	127,619	3	112,531	3	97,423
1/4		1/4	185,108	1/4	177,072	1/4	168,955	1/4	160,829	1/4	152,703	1/4	142,343	1/4	127,305	1/4	112,216	1/4	97,109
1/2		1/2	184,955	1/2	176,903	1/2	168,786	1/2	160,660	1/2	152,533	1/2	142,030	1/2	126,990	1/2	111,902	1/2	96,794
3/4		3/4	184,789	3/4	176,734	3/4	168,617	3/4	160,490	3/4	152,364	3/4	141,716	3/4	126,676	3/4	111,587	3/4	96,479
4		4	184,624	4	176,565	4	168,447	4	160,321	4	152,195	4	141,403	4	126,362	4	111,272	4	96,164
1/4		1/4	184,458	1/4	176,397	1/4	168,278	1/4	160,152	1/4	152,025	1/4	141,090	1/4	126,048	1/4	110,958	1/4	95,850
1/2		1/2	184,292	1/2	176,228	1/2	168,109	1/2	159,982	1/2	151,856	1/2	140,776	1/2	125,734	1/2	110,643	1/2	95,535
3/4		3/4	184,125	3/4	176,059	3/4	167,939	3/4	159,813	3/4	151,687	3/4	140,463	3/4	125,420	3/4	110,328	3/4	95,220
5		5	183,959	5	175,891	5	167,770	5	159,644	5	151,517	5	140,149	5	125,105	5	110,013	5	94,905
1/4		1/4	183,792	1/4	175,722	1/4	167,601	1/4	159,475	1/4	151,348	1/4	139,836	1/4	124,791	1/4	109,699	1/4	94,591
1/2		1/2	183,625	1/2	175,553	1/2	167,432	1/2	159,305	1/2	151,179	1/2	139,523	1/2	124,477	1/2	109,384	1/2	94,276
3/4		3/4	183,458	3/4	175,385	3/4	167,262	3/4	159,136	3/4	151,010	3/4	139,210	3/4	124,163	3/4	109,069	3/4	93,961
6		6	183,291	6	175,216	6	167,093	6	158,967	6	150,840	6	138,898	6	123,849	6	108,754	6	93,646
1/4		1/4	183,124	1/4	175,047	1/4	166,924	1/4	158,797	1/4	150,671	1/4	138,585	1/4	123,535	1/4	108,440	1/4	93,332
1/2		1/2	182,957	1/2	174,879	1/2	166,754	1/2	158,628	1/2	150,502	1/2	138,272	1/2	123,220	1/2	108,125	1/2	93,017
3/4		3/4	182,790	3/4	174,710	3/4	166,585	3/4	158,459	3/4	150,332	3/4	137,959	3/4	122,906	3/4	107,810	3/4	92,702
7		7	182,623	7	174,541	7	166,416	7	158,289	7	150,163	7	137,647	7	122,592	7	107,495	7	92,387
1/4		1/4	182,456	1/4	174,373	1/4	166,246	1/4	158,120	1/4	149,994	1/4	137,334	1/4	122,278	1/4	107,181	1/4	92,073
1/2		1/2	182,289	1/2	174,204	1/2	166,077	1/2	157,951	1/2	149,824	1/2	137,021	1/2	121,964	1/2	106,866	1/2	91,758
3/4		3/4	182,122	3/4	174,034	3/4	165,908	3/4	157,782	3/4	149,655	3/4	136,708	3/4	121,650	3/4	106,551	3/4	91,443
8		8	181,955	8	173,865	8	165,739	8	157,612	8	149,486	8	136,396	8	121,335	8	106,236	8	91,128
1/4		1/4	181,788	1/4	173,696	1/4	165,569	1/4	157,443	1/4	149,317	1/4	136,083	1/4	121,021	1/4	105,922	1/4	90,814
1/2		1/2	181,620	1/2	173,526	1/2	165,400	1/2	157,274	1/2	149,147	1/2	135,770	1/2	120,707	1/2	105,607	1/2	90,499
3/4		3/4	181,453	3/4	173,357	3/4	165,231	3/4	157,104	3/4	148,978	3/4	135,458	3/4	120,393	3/4	105,292	3/4	90,184
9		9	181,286	9	173,188	9	165,061	9	156,935	9	148,809	9	135,145	9	120,079	9	104,977	9	89,869
1/4		1/4	181,119	1/4	173,018	1/4	164,892	1/4	156,766	1/4	148,639	1/4	134,832	1/4	119,765	1/4	104,663	1/4	89,555
1/2		1/2	180,951	1/2	172,849	1/2	164,723	1/2	156,596	1/2	148,470	1/2	134,519	1/2	119,451	1/2	104,348	1/2	89,240
3/4		3/4	180,783	3/4	172,680	3/4	164,553	3/4	156,427	3/4	148,301	3/4	134,207	3/4	119,136	3/4	104,033	3/4	88,925
10		10	180,614	10	172,511	10	164,384	10	156,258	10	148,131	10	133,894	10	118,822	10	103,718	10	88,610
1/4		1/4	180,445	1/4	172,341	1/4	164,215	1/4	156,089	1/4	147,962	1/4	133,581	1/4	118,508	1/4	103,404	1/4	88,296
1/2		1/2	180,277	1/2	172,172	1/2	164,046	1/2	155,919	1/2	147,793	1/2	133,269	1/2	118,194	1/2	103,089	1/2	87,981
3/4		3/4	180,108	3/4	172,003	3/4	163,876	3/4	155,750	3/4	147,624	3/4	132,956	3/4	117,880	3/4	102,774	3/4	87,666
11		11	179,939	11	171,833	11	163,707	11	155,581	11	147,454	11	132,643	11	117,566	11	102,459	11	87,351
1/4		1/4	179,771	1/4	171,664	1/4	163,538	1/4	155,411	1/4	147,285	1/4	132,330	1/4	117,251	1/4	102,145	1/4	87,037
1/2		1/2	179,602	1/2	171,495	1/2	163,368	1/2	155,242	1/2	147,044	1/2	132,017	1/2	116,937	1/2	101,830	1/2	86,722
3/4		3/4	179,433	3/4	171,325	3/4	163,199	3/4	155,073	3/4	146,730	3/4	131,703	3/4	116,622	3/4	101,515	3/4	86,407

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED 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 371"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/8"

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	86,092	0	70,981	0	55,869	0	40,770	0	25,662	0	10,550	0		0		0		0	
1/4	85,778	1/4	70,666	1/4	55,554	1/4	40,455	1/4	25,347	1/4	10,236	1/4		1/4		1/4		1/4	
1/2	85,463	1/2	70,351	1/2	55,239	1/2	40,141	1/2	25,032	1/2	9,921	1/2		1/2		1/2		1/2	
3/4	85,148	3/4	70,036	3/4	54,924	3/4	39,826	3/4	24,717	3/4	9,606	3/4		3/4		3/4		3/4	
1	84,833	1	69,721	1	54,609	1	39,512	1	24,402	1	9,291	1		1		1		1	
1/4	84,518	1/4	69,406	1/4	54,295	1/4	39,197	1/4	24,088	1/4	8,976	1/4		1/4		1/4		1/4	
1/2	84,203	1/2	69,092	1/2	53,980	1/2	38,883	1/2	23,773	1/2	8,662	1/2		1/2		1/2		1/2	
3/4	83,889	3/4	68,777	3/4	53,665	3/4	38,568	3/4	23,458	3/4	8,347	3/4		3/4		3/4		3/4	
2	83,574	2	68,462	2	53,350	2	38,254	2	23,143	2	8,032	2		2		2		2	
1/4	83,259	1/4	68,147	1/4	53,035	1/4	37,939	1/4	22,828	1/4	7,717	1/4		1/4		1/4		1/4	
1/2	82,944	1/2	67,832	1/2	52,721	1/2	37,625	1/2	22,513	1/2	7,402	1/2		1/2		1/2		1/2	
3/4	82,629	3/4	67,517	3/4	52,406	3/4	37,310	3/4	22,199	3/4	7,088	3/4		3/4		3/4		3/4	
3	82,314	3	67,203	3	52,091	3	36,995	3	21,884	3	6,773	3		3		3		3	
1/4	82,000	1/4	66,888	1/4	51,776	1/4	36,680	1/4	21,569	1/4	6,458	1/4		1/4		1/4		1/4	
1/2	81,685	1/2	66,573	1/2	51,461	1/2	36,365	1/2	21,254	1/2	6,143	1/2		1/2		1/2		1/2	
3/4	81,370	3/4	66,258	3/4	51,147	3/4	36,051	3/4	20,939	3/4	5,829	3/4		3/4		3/4		3/4	
4	81,055	4	65,943	4	50,832	4	35,736	4	20,625	4	5,515	4		4		4		4	
1/4	80,740	1/4	65,628	1/4	50,517	1/4	35,421	1/4	20,310	1/4	5,200	1/4		1/4		1/4		1/4	
1/2	80,425	1/2	65,314	1/2	50,203	1/2	35,106	1/2	19,995	1/2	4,886	1/2		1/2		1/2		1/2	
3/4	80,111	3/4	64,999	3/4	49,888	3/4	34,791	3/4	19,680	3/4	4,573	3/4		3/4		3/4		3/4	
5	79,796	5	64,684	5	49,574	5	34,476	5	19,365	5	4,260	5		5		5		5	
1/4	79,481	1/4	64,369	1/4	49,259	1/4	34,162	1/4	19,050	1/4	3,946	1/4		1/4		1/4		1/4	
1/2	79,166	1/2	64,054	1/2	48,945	1/2	33,847	1/2	18,736	1/2	3,646	1/2		1/2		1/2		1/2	
3/4	78,851	3/4	63,740	3/4	48,630	3/4	33,532	3/4	18,421	3/4	3,357	3/4		3/4		3/4		3/4	
6	78,536	6	63,425	6	48,316	6	33,217	6	18,106	6	3,069	6		6		6		6	
1/4	78,222	1/4	63,110	1/4	48,002	1/4	32,902	1/4	17,791	1/4	2,780	1/4		1/4		1/4		1/4	
1/2	77,907	1/2	62,795	1/2	47,687	1/2	32,588	1/2	17,476	1/2	2,518	1/2		1/2		1/2		1/2	
3/4	77,592	3/4	62,480	3/4	47,373	3/4	32,273	3/4	17,162	3/4	2,282	3/4		3/4		3/4		3/4	
7	77,277	7	62,165	7	47,058	7	31,958	7	16,847	7	2,046	7		7		7		7	
1/4	76,962	1/4	61,851	1/4	46,744	1/4	31,643	1/4	16,532	1/4	1,810	1/4		1/4		1/4		1/4	
1/2	76,648	1/2	61,536	1/2	46,429	1/2	31,328	1/2	16,217	1/2	1,600	1/2		1/2		1/2		1/2	
3/4	76,333	3/4	61,221	3/4	46,115	3/4	31,014	3/4	15,902	3/4	1,416	3/4		3/4		3/4		3/4	
8	76,018	8	60,906	8	45,801	8	30,699	8	15,588	8	1,232	8		8		8		8	
1/4	75,703	1/4	60,591	1/4	45,486	1/4	30,384	1/4	15,273	1/4	1,049	1/4		1/4		1/4		1/4	
1/2	75,388	1/2	60,276	1/2	45,172	1/2	30,069	1/2	14,958	1/2	957	1/2		1/2		1/2		1/2	
3/4	75,073	3/4	59,962	3/4	44,857	3/4	29,754	3/4	14,643	3/4		3/4		3/4		3/4		3/4	
9	74,759	9	59,647	9	44,543	9	29,439	9	14,328	9		9		9		9		9	
1/4	74,444	1/4	59,332	1/4	44,228	1/4	29,125	1/4	14,013	1/4		1/4		1/4		1/4		1/4	
1/2	74,129	1/2	59,017	1/2	43,914	1/2	28,810	1/2	13,699	1/2		1/2		1/2		1/2		1/2	
3/4	73,814	3/4	58,702	3/4	43,599	3/4	28,495	3/4	13,384	3/4		3/4		3/4		3/4		3/4	
10	73,499	10	58,387	10	43,285	10	28,180	10	13,069	10		10		10		10		10	
1/4	73,184	1/4	58,073	1/4	42,971	1/4	27,865	1/4	12,754	1/4		1/4		1/4		1/4		1/4	
1/2	72,870	1/2	57,758	1/2	42,656	1/2	27,551	1/2	12,439	1/2		1/2		1/2		1/2		1/2	
3/4	72,555	3/4	57,443	3/4	42,342	3/4	27,236	3/4	12,125	3/4		3/4		3/4		3/4		3/4	
11	72,240	11	57,128	11	42,027	11	26,921	11	11,810	11		11		11		11		11	
1/4	71,925	1/4	56,813	1/4	41,713	1/4	26,606	1/4	11,495	1/4		1/4		1/4		1/4		1/4	
1/2	71,610	1/2	56,498	1/2	41,398	1/2	26,291	1/2	11,180	1/2		1/2		1/2		1/2		1/2	
3/4	71,295	3/4	56,184	3/4	41,084	3/4	25,976	3/4	10,865	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 371"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	178,374	0	170,295	0	162,197	0	154,099	0	145,856	0	130,857	0	115,813	0	100,734
1/4		1/4		1/4	178,206	1/4	170,126	1/4	162,028	1/4	153,930	1/4	145,544	1/4	130,544	1/4	115,499	1/4	100,420
1/2		1/2		1/2	178,038	1/2	169,957	1/2	161,859	1/2	153,761	1/2	145,231	1/2	130,230	1/2	115,185	1/2	100,106
3/4		3/4	184,930	3/4	177,870	3/4	169,789	3/4	161,691	3/4	153,592	3/4	144,918	3/4	129,917	3/4	114,870	3/4	99,792
1		1	184,894	1	177,702	1	169,620	1	161,522	1	153,424	1	144,605	1	129,603	1	114,556	1	99,478
1/4		1/4	184,859	1/4	177,533	1/4	169,451	1/4	161,353	1/4	153,255	1/4	144,292	1/4	129,290	1/4	114,242	1/4	99,163
1/2		1/2	184,823	1/2	177,365	1/2	169,283	1/2	161,184	1/2	153,086	1/2	143,980	1/2	128,976	1/2	113,928	1/2	98,849
3/4		3/4	184,787	3/4	177,197	3/4	169,114	3/4	161,016	3/4	152,918	3/4	143,667	3/4	128,662	3/4	113,614	3/4	98,535
2		2	184,699	2	177,029	2	168,945	2	160,847	2	152,749	2	143,354	2	128,349	2	113,300	2	98,221
1/4		1/4	184,611	1/4	176,861	1/4	168,776	1/4	160,678	1/4	152,580	1/4	143,041	1/4	128,036	1/4	112,986	1/4	97,907
1/2		1/2	184,523	1/2	176,693	1/2	168,608	1/2	160,510	1/2	152,411	1/2	142,728	1/2	127,723	1/2	112,672	1/2	97,593
3/4		3/4	184,435	3/4	176,525	3/4	168,439	3/4	160,341	3/4	152,243	3/4	142,416	3/4	127,409	3/4	112,358	3/4	97,278
3		3	184,295	3	176,357	3	168,270	3	160,172	3	152,074	3	142,103	3	127,096	3	112,043	3	96,964
1/4		1/4	184,155	1/4	176,189	1/4	168,102	1/4	160,003	1/4	151,905	1/4	141,790	1/4	126,783	1/4	111,729	1/4	96,650
1/2		1/2	184,015	1/2	176,021	1/2	167,933	1/2	159,835	1/2	151,737	1/2	141,477	1/2	126,470	1/2	111,415	1/2	96,336
3/4		3/4	183,875	3/4	175,852	3/4	167,764	3/4	159,666	3/4	151,568	3/4	141,165	3/4	126,156	3/4	111,101	3/4	96,022
4		4	183,710	4	175,684	4	167,595	4	159,497	4	151,399	4	140,852	4	125,843	4	110,787	4	95,708
1/4		1/4	183,545	1/4	175,516	1/4	167,427	1/4	159,329	1/4	151,230	1/4	140,539	1/4	125,530	1/4	110,473	1/4	95,393
1/2		1/2	183,380	1/2	175,348	1/2	167,258	1/2	159,160	1/2	151,062	1/2	140,226	1/2	125,217	1/2	110,159	1/2	95,079
3/4		3/4	183,215	3/4	175,180	3/4	167,089	3/4	158,991	3/4	150,893	3/4	139,913	3/4	124,903	3/4	109,845	3/4	94,765
5		5	183,049	5	175,012	5	166,921	5	158,822	5	150,724	5	139,601	5	124,590	5	109,531	5	94,451
1/4		1/4	182,883	1/4	174,844	1/4	166,752	1/4	158,654	1/4	150,556	1/4	139,288	1/4	124,277	1/4	109,217	1/4	94,137
1/2		1/2	182,716	1/2	174,676	1/2	166,583	1/2	158,485	1/2	150,387	1/2	138,975	1/2	123,964	1/2	108,902	1/2	93,823
3/4		3/4	182,550	3/4	174,508	3/4	166,414	3/4	158,316	3/4	150,218	3/4	138,662	3/4	123,650	3/4	108,588	3/4	93,508
6		6	182,384	6	174,340	6	166,246	6	158,148	6	150,049	6	138,350	6	123,337	6	108,274	6	93,194
1/4		1/4	182,218	1/4	174,171	1/4	166,077	1/4	157,979	1/4	149,881	1/4	138,038	1/4	123,024	1/4	107,960	1/4	92,880
1/2		1/2	182,051	1/2	174,003	1/2	165,908	1/2	157,810	1/2	149,712	1/2	137,726	1/2	122,711	1/2	107,646	1/2	92,566
3/4		3/4	181,885	3/4	173,835	3/4	165,740	3/4	157,641	3/4	149,543	3/4	137,414	3/4	122,397	3/4	107,332	3/4	92,252
7		7	181,718	7	173,667	7	165,571	7	157,473	7	149,375	7	137,102	7	122,084	7	107,018	7	91,938
1/4		1/4	181,552	1/4	173,499	1/4	165,402	1/4	157,304	1/4	149,206	1/4	136,789	1/4	121,771	1/4	106,703	1/4	91,623
1/2		1/2	181,385	1/2	173,331	1/2	165,233	1/2	157,135	1/2	149,037	1/2	136,477	1/2	121,458	1/2	106,389	1/2	91,309
3/4		3/4	181,219	3/4	173,163	3/4	165,065	3/4	156,967	3/4	148,869	3/4	136,165	3/4	121,144	3/4	106,075	3/4	90,995
8		8	181,052	8	172,994	8	164,896	8	156,798	8	148,700	8	135,853	8	120,831	8	105,761	8	90,681
1/4		1/4	180,886	1/4	172,825	1/4	164,727	1/4	156,629	1/4	148,531	1/4	135,541	1/4	120,517	1/4	105,447	1/4	90,367
1/2		1/2	180,719	1/2	172,657	1/2	164,559	1/2	156,461	1/2	148,362	1/2	135,229	1/2	120,204	1/2	105,133	1/2	90,053
3/4		3/4	180,553	3/4	172,488	3/4	164,390	3/4	156,292	3/4	148,194	3/4	134,917	3/4	119,890	3/4	104,818	3/4	89,738
9		9	180,386	9	172,319	9	164,221	9	156,123	9	148,025	9	134,604	9	119,576	9	104,504	9	89,424
1/4		1/4	180,220	1/4	172,151	1/4	164,053	1/4	155,954	1/4	147,856	1/4	134,292	1/4	119,263	1/4	104,190	1/4	89,110
1/2		1/2	180,053	1/2	171,982	1/2	163,884	1/2	155,786	1/2	147,688	1/2	133,980	1/2	118,949	1/2	103,876	1/2	88,796
3/4		3/4	179,887	3/4	171,813	3/4	163,715	3/4	155,617	3/4	147,519	3/4	133,668	3/4	118,636	3/4	103,562	3/4	88,482
10		10	179,719	10	171,645	10	163,546	10	155,448	10	147,350	10	133,356	10	118,322	10	103,248	10	88,168
1/4		1/4	179,551	1/4	171,476	1/4	163,378	1/4	155,280	1/4	147,181	1/4	133,044	1/4	118,009	1/4	102,933	1/4	87,853
1/2		1/2	179,383	1/2	171,307	1/2	163,209	1/2	155,111	1/2	147,013	1/2	132,732	1/2	117,695	1/2	102,619	1/2	87,539
3/4		3/4	179,214	3/4	171,138	3/4	163,040	3/4	154,942	3/4	146,844	3/4	132,420	3/4	117,381	3/4	102,305	3/4	87,225
11		11	179,046	11	170,970	11	162,872	11	154,773	11	146,675	11	132,107	11	117,068	11	101,991	11	86,911
1/4		1/4	178,878	1/4	170,801	1/4	162,703	1/4	154,605	1/4	146,507	1/4	131,795	1/4	116,754	1/4	101,677	1/4	86,597
1/2		1/2	178,710	1/2	170,632	1/2	162,534	1/2	154,436	1/2	146,338	1/2	131,483	1/2	116,441	1/2	101,363	1/2	86,283
3/4		3/4	178,542	3/4	170,464	3/4	162,365	3/4	154,267	3/4	146,169	3/4	131,171	3/4	116,127	3/4	101,048	3/4	85,968

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED 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 371"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,654	0	70,571	0	55,542	0	40,874	0	26,095	0	11,007	0		0		0		0	
1/4	85,340	1/4	70,257	1/4	55,230	1/4	40,574	1/4	25,780	1/4	10,693	1/4		1/4		1/4		1/4	
1/2	85,026	1/2	69,942	1/2	54,919	1/2	40,274	1/2	25,466	1/2	10,378	1/2		1/2		1/2		1/2	
3/4	84,712	3/4	69,628	3/4	54,607	3/4	39,974	3/4	25,152	3/4	10,064	3/4		3/4		3/4		3/4	
1	84,398	1	69,314	1	54,295	1	39,674	1	24,837	1	9,750	1		1		1		1	
1/4	84,083	1/4	69,000	1/4	53,984	1/4	39,374	1/4	24,523	1/4	9,435	1/4		1/4		1/4		1/4	
1/2	83,769	1/2	68,685	1/2	53,672	1/2	39,074	1/2	24,209	1/2	9,121	1/2		1/2		1/2		1/2	
3/4	83,455	3/4	68,371	3/4	53,360	3/4	38,773	3/4	23,894	3/4	8,807	3/4		3/4		3/4		3/4	
2	83,141	2	68,057	2	53,049	2	38,473	2	23,580	2	8,492	2		2		2		2	
1/4	82,826	1/4	67,743	1/4	52,737	1/4	38,173	1/4	23,266	1/4	8,178	1/4		1/4		1/4		1/4	
1/2	82,512	1/2	67,429	1/2	52,425	1/2	37,873	1/2	22,951	1/2	7,864	1/2		1/2		1/2		1/2	
3/4	82,198	3/4	67,114	3/4	52,114	3/4	37,572	3/4	22,637	3/4	7,549	3/4		3/4		3/4		3/4	
3	81,884	3	66,800	3	51,803	3	37,271	3	22,323	3	7,235	3		3		3		3	
1/4	81,569	1/4	66,486	1/4	51,492	1/4	36,970	1/4	22,008	1/4	6,921	1/4		1/4		1/4		1/4	
1/2	81,255	1/2	66,172	1/2	51,181	1/2	36,669	1/2	21,694	1/2	6,607	1/2		1/2		1/2		1/2	
3/4	80,941	3/4	65,857	3/4	50,870	3/4	36,367	3/4	21,380	3/4	6,292	3/4		3/4		3/4		3/4	
4	80,627	4	65,543	4	50,559	4	36,066	4	21,065	4	5,978	4		4		4		4	
1/4	80,312	1/4	65,229	1/4	50,248	1/4	35,765	1/4	20,751	1/4	5,664	1/4		1/4		1/4		1/4	
1/2	79,998	1/2	64,915	1/2	49,937	1/2	35,464	1/2	20,437	1/2	5,350	1/2		1/2		1/2		1/2	
3/4	79,684	3/4	64,600	3/4	49,627	3/4	35,162	3/4	20,122	3/4	5,036	3/4		3/4		3/4		3/4	
5	79,370	5	64,286	5	49,314	5	34,860	5	19,808	5	4,723	5		5		5		5	
1/4	79,055	1/4	63,972	1/4	49,002	1/4	34,558	1/4	19,494	1/4	4,410	1/4		1/4		1/4		1/4	
1/2	78,741	1/2	63,658	1/2	48,690	1/2	34,255	1/2	19,179	1/2	4,097	1/2		1/2		1/2		1/2	
3/4	78,427	3/4	63,343	3/4	48,378	3/4	33,953	3/4	18,865	3/4	3,784	3/4		3/4		3/4		3/4	
6	78,113	6	63,029	6	48,078	6	33,639	6	18,551	6	3,497	6		6		6		6	
1/4	77,798	1/4	62,715	1/4	47,778	1/4	33,324	1/4	18,237	1/4	3,209	1/4		1/4		1/4		1/4	
1/2	77,484	1/2	62,401	1/2	47,478	1/2	33,010	1/2	17,922	1/2	2,922	1/2		1/2		1/2		1/2	
3/4	77,170	3/4	62,086	3/4	47,178	3/4	32,696	3/4	17,608	3/4	2,634	3/4		3/4		3/4		3/4	
7	76,856	7	61,775	7	46,878	7	32,381	7	17,294	7	2,398	7		7		7		7	
1/4	76,542	1/4	61,463	1/4	46,577	1/4	32,067	1/4	16,979	1/4	2,163	1/4		1/4		1/4		1/4	
1/2	76,227	1/2	61,151	1/2	46,277	1/2	31,753	1/2	16,665	1/2	1,927	1/2		1/2		1/2		1/2	
3/4	75,913	3/4	60,840	3/4	45,977	3/4	31,438	3/4	16,351	3/4	1,691	3/4		3/4		3/4		3/4	
8	75,599	8	60,528	8	45,677	8	31,124	8	16,036	8	1,508	8		8		8		8	
1/4	75,285	1/4	60,217	1/4	45,377	1/4	30,810	1/4	15,722	1/4	1,324	1/4		1/4		1/4		1/4	
1/2	74,970	1/2	59,905	1/2	45,077	1/2	30,495	1/2	15,408	1/2	1,141	1/2		1/2		1/2		1/2	
3/4	74,656	3/4	59,593	3/4	44,776	3/4	30,181	3/4	15,093	3/4	957	3/4		3/4		3/4		3/4	
9	74,342	9	59,282	9	44,476	9	29,867	9	14,779	9		9		9		9		9	
1/4	74,028	1/4	58,970	1/4	44,176	1/4	29,552	1/4	14,465	1/4		1/4		1/4		1/4		1/4	
1/2	73,713	1/2	58,658	1/2	43,876	1/2	29,238	1/2	14,150	1/2		1/2		1/2		1/2		1/2	
3/4	73,399	3/4	58,347	3/4	43,576	3/4	28,924	3/4	13,836	3/4		3/4		3/4		3/4		3/4	
10	73,085	10	58,035	10	43,276	10	28,609	10	13,522	10		10		10		10		10	
1/4	72,771	1/4	57,723	1/4	42,976	1/4	28,295	1/4	13,207	1/4		1/4		1/4		1/4		1/4	
1/2	72,456	1/2	57,412	1/2	42,675	1/2	27,981	1/2	12,893	1/2		1/2		1/2		1/2		1/2	
3/4	72,142	3/4	57,100	3/4	42,375	3/4	27,666	3/4	12,579	3/4		3/4		3/4		3/4		3/4	
11	71,828	11	56,788	11	42,075	11	27,352	11	12,264	11		11		11		11		11	
1/4	71,514	1/4	56,477	1/4	41,775	1/4	27,038	1/4	11,950	1/4		1/4		1/4		1/4		1/4	
1/2	71,199	1/2	56,165	1/2	41,475	1/2	26,723	1/2	11,636	1/2		1/2		1/2		1/2		1/2	
3/4	70,885	3/4	55,853	3/4	41,175	3/4	26,409	3/4	11,321	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2012 CL - SW
CALCULATED: 12/14/2012 CL
PRINTED: 12/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
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