



BARGE "CBC 372"

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	00-1/4	- 00-1/4
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	00-1/4	- 00-1/4
3 PORT	- 00-5/8	00-5/8	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 03-3/8	03-3/8
3 STBD	- 00-5/8	00-5/8	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 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 5, 2012

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 372"

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	15,222	0	30,441	0	45,649	0	60,858	0	76,077	0	91,297	0	106,516	0	121,731	0	136,944
1/4	1,149	1/4	15,540	1/4	30,758	1/4	45,966	1/4	61,175	1/4	76,394	1/4	91,614	1/4	106,833	1/4	122,048	1/4	137,261
1/2	1,334	1/2	15,857	1/2	31,075	1/2	46,283	1/2	61,492	1/2	76,712	1/2	91,931	1/2	107,150	1/2	122,365	1/2	137,578
3/4	1,518	3/4	16,174	3/4	31,392	3/4	46,599	3/4	61,809	3/4	77,029	3/4	92,248	3/4	107,467	3/4	122,681	3/4	137,895
1	1,703	1	16,491	1	31,709	1	46,916	1	62,127	1	77,346	1	92,565	1	107,784	1	122,998	1	138,212
1/4	1,941	1/4	16,808	1/4	32,026	1/4	47,232	1/4	62,444	1/4	77,663	1/4	92,882	1/4	108,101	1/4	123,315	1/4	138,529
1/2	2,179	1/2	17,125	1/2	32,343	1/2	47,549	1/2	62,761	1/2	77,980	1/2	93,199	1/2	108,418	1/2	123,632	1/2	138,846
3/4	2,417	3/4	17,442	3/4	32,660	3/4	47,865	3/4	63,078	3/4	78,297	3/4	93,516	3/4	108,735	3/4	123,949	3/4	139,163
2	2,654	2	17,759	2	32,977	2	48,182	2	63,395	2	78,614	2	93,833	2	109,052	2	124,266	2	139,480
1/4	2,945	1/4	18,076	1/4	33,294	1/4	48,498	1/4	63,712	1/4	78,931	1/4	94,150	1/4	109,369	1/4	124,583	1/4	139,797
1/2	3,235	1/2	18,393	1/2	33,612	1/2	48,815	1/2	64,029	1/2	79,248	1/2	94,467	1/2	109,686	1/2	124,900	1/2	140,114
3/4	3,526	3/4	18,710	3/4	33,929	3/4	49,132	3/4	64,346	3/4	79,565	3/4	94,784	3/4	110,003	3/4	125,217	3/4	140,431
3	3,817	3	19,027	3	34,246	3	49,448	3	64,663	3	79,882	3	95,101	3	110,320	3	125,534	3	140,748
1/4	4,132	1/4	19,344	1/4	34,563	1/4	49,765	1/4	64,980	1/4	80,199	1/4	95,418	1/4	110,637	1/4	125,851	1/4	141,065
1/2	4,448	1/2	19,661	1/2	34,880	1/2	50,081	1/2	65,297	1/2	80,516	1/2	95,735	1/2	110,954	1/2	126,168	1/2	141,381
3/4	4,763	3/4	19,978	3/4	35,197	3/4	50,398	3/4	65,614	3/4	80,833	3/4	96,053	3/4	111,271	3/4	126,485	3/4	141,698
4	5,079	4	20,295	4	35,514	4	50,714	4	65,931	4	81,150	4	96,370	4	111,588	4	126,802	4	142,015
1/4	5,395	1/4	20,612	1/4	35,831	1/4	51,031	1/4	66,248	1/4	81,468	1/4	96,687	1/4	111,905	1/4	127,119	1/4	142,332
1/2	5,712	1/2	20,929	1/2	36,148	1/2	51,347	1/2	66,565	1/2	81,785	1/2	97,004	1/2	112,222	1/2	127,436	1/2	142,649
3/4	6,029	3/4	21,246	3/4	36,465	3/4	51,664	3/4	66,883	3/4	82,102	3/4	97,321	3/4	112,539	3/4	127,753	3/4	142,966
5	6,345	5	21,564	5	36,782	5	51,980	5	67,200	5	82,419	5	97,638	5	112,856	5	128,070	5	143,283
1/4	6,662	1/4	21,881	1/4	37,099	1/4	52,298	1/4	67,517	1/4	82,736	1/4	97,955	1/4	113,173	1/4	128,387	1/4	143,600
1/2	6,979	1/2	22,198	1/2	37,416	1/2	52,615	1/2	67,834	1/2	83,053	1/2	98,272	1/2	113,490	1/2	128,704	1/2	143,917
3/4	7,296	3/4	22,515	3/4	37,733	3/4	52,932	3/4	68,151	3/4	83,370	3/4	98,589	3/4	113,807	3/4	129,020	3/4	144,234
6	7,613	6	22,832	6	38,050	6	53,249	6	68,468	6	83,687	6	98,906	6	114,124	6	129,337	6	144,551
1/4	7,930	1/4	23,149	1/4	38,367	1/4	53,566	1/4	68,785	1/4	84,004	1/4	99,223	1/4	114,441	1/4	129,654	1/4	144,868
1/2	8,247	1/2	23,466	1/2	38,684	1/2	53,883	1/2	69,102	1/2	84,321	1/2	99,540	1/2	114,758	1/2	129,971	1/2	145,185
3/4	8,564	3/4	23,783	3/4	39,001	3/4	54,200	3/4	69,419	3/4	84,638	3/4	99,857	3/4	115,075	3/4	130,288	3/4	145,502
7	8,881	7	24,100	7	39,318	7	54,517	7	69,736	7	84,955	7	100,174	7	115,392	7	130,605	7	145,819
1/4	9,198	1/4	24,417	1/4	39,635	1/4	54,834	1/4	70,053	1/4	85,272	1/4	100,491	1/4	115,709	1/4	130,922	1/4	146,136
1/2	9,516	1/2	24,734	1/2	39,952	1/2	55,151	1/2	70,370	1/2	85,589	1/2	100,809	1/2	116,026	1/2	131,239	1/2	146,453
3/4	9,833	3/4	25,051	3/4	40,268	3/4	55,468	3/4	70,687	3/4	85,906	3/4	101,126	3/4	116,343	3/4	131,556	3/4	146,770
8	10,150	8	25,368	8	40,585	8	55,785	8	71,004	8	86,224	8	101,443	8	116,659	8	131,873	8	147,087
1/4	10,467	1/4	25,685	1/4	40,901	1/4	56,102	1/4	71,321	1/4	86,541	1/4	101,760	1/4	116,976	1/4	132,190	1/4	147,403
1/2	10,784	1/2	26,002	1/2	41,218	1/2	56,419	1/2	71,639	1/2	86,858	1/2	102,077	1/2	117,293	1/2	132,507	1/2	147,720
3/4	11,101	3/4	26,319	3/4	41,534	3/4	56,736	3/4	71,956	3/4	87,175	3/4	102,394	3/4	117,610	3/4	132,824	3/4	148,037
9	11,418	9	26,636	9	41,851	9	57,054	9	72,273	9	87,492	9	102,711	9	117,927	9	133,141	9	148,354
1/4	11,735	1/4	26,953	1/4	42,167	1/4	57,371	1/4	72,590	1/4	87,809	1/4	103,028	1/4	118,244	1/4	133,458	1/4	148,671
1/2	12,052	1/2	27,270	1/2	42,484	1/2	57,688	1/2	72,907	1/2	88,126	1/2	103,345	1/2	118,561	1/2	133,775	1/2	148,988
3/4	12,369	3/4	27,588	3/4	42,801	3/4	58,005	3/4	73,224	3/4	88,443	3/4	103,662	3/4	118,878	3/4	134,092	3/4	149,305
10	12,686	10	27,905	10	43,117	10	58,322	10	73,541	10	88,760	10	103,979	10	119,195	10	134,409	10	149,622
1/4	13,003	1/4	28,222	1/4	43,434	1/4	58,639	1/4	73,858	1/4	89,077	1/4	104,296	1/4	119,512	1/4	134,726	1/4	149,939
1/2	13,320	1/2	28,539	1/2	43,750	1/2	58,956	1/2	74,175	1/2	89,394	1/2	104,613	1/2	119,829	1/2	135,042	1/2	150,256
3/4	13,637	3/4	28,856	3/4	44,067	3/4	59,273	3/4	74,492	3/4	89,711	3/4	104,930	3/4	120,146	3/4	135,359	3/4	150,573
11	13,954	11	29,173	11	44,383	11	59,590	11	74,809	11	90,028	11	105,247	11	120,463	11	135,676	11	150,890
1/4	14,271	1/4	29,490	1/4	44,700	1/4	59,907	1/4	75,126	1/4	90,345	1/4	105,565	1/4	120,780	1/4	135,993	1/4	151,207
1/2	14,588	1/2	29,807	1/2	45,016	1/2	60,224	1/2	75,443	1/2	90,662	1/2	105,882	1/2	121,097	1/2	136,310	1/2	151,524
3/4	14,905	3/4	30,124	3/4	45,333	3/4	60,541	3/4	75,760	3/4	90,980	3/4	106,199	3/4	121,414	3/4	136,627	3/4	151,841

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
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BARGE "CBC 372"

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	152,158	0	167,371	0	182,585	0	197,798	0	212,947	0		0		0		0		0	
1/4	152,475	1/4	167,688	1/4	182,902	1/4	198,115	1/4	213,260	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,792	1/2	168,005	1/2	183,219	1/2	198,432	1/2	213,573	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,109	3/4	168,322	3/4	183,536	3/4	198,749	3/4	213,886	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,426	1	168,639	1	183,853	1	199,066	1	214,199	1	1	1	1	1	1	1	1	1	1
1/4	153,742	1/4	168,956	1/4	184,170	1/4	199,382	1/4	214,511	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,059	1/2	169,273	1/2	184,487	1/2	199,698	1/2	214,824	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,376	3/4	169,590	3/4	184,803	3/4	200,013	3/4	215,137	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,693	2	169,907	2	185,120	2	200,329	2	215,450	2	2	2	2	2	2	2	2	2	2
1/4	155,010	1/4	170,224	1/4	185,437	1/4	200,645	1/4	215,763	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,327	1/2	170,541	1/2	185,754	1/2	200,961	1/2	216,075	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,644	3/4	170,858	3/4	186,071	3/4	201,276	3/4	216,388	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,961	3	171,175	3	186,388	3	201,592	3	216,701	3	3	3	3	3	3	3	3	3	3
1/4	156,278	1/4	171,492	1/4	186,705	1/4	201,908	1/4	217,013	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,595	1/2	171,809	1/2	187,022	1/2	202,223	1/2	217,326	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,912	3/4	172,125	3/4	187,339	3/4	202,539	3/4	217,638	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,229	4	172,442	4	187,656	4	202,855	4	217,950	4	4	4	4	4	4	4	4	4	4
1/4	157,546	1/4	172,759	1/4	187,973	1/4	203,171	1/4	218,262	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,863	1/2	173,076	1/2	188,290	1/2	203,486	1/2	218,573	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,180	3/4	173,393	3/4	188,607	3/4	203,802	3/4	218,884	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,497	5	173,710	5	188,924	5	204,118	5	219,196	5	5	5	5	5	5	5	5	5	5
1/4	158,814	1/4	174,027	1/4	189,241	1/4	204,434	1/4	219,482	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,131	1/2	174,344	1/2	189,558	1/2	204,749	1/2	219,768	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,448	3/4	174,661	3/4	189,875	3/4	205,065	3/4	220,055	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,764	6	174,978	6	190,192	6	205,381	6	220,341	6	6	6	6	6	6	6	6	6	6
1/4	160,081	1/4	175,295	1/4	190,509	1/4	205,696	1/4	220,575	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,398	1/2	175,612	1/2	190,825	1/2	206,012	1/2	220,808	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,715	3/4	175,929	3/4	191,142	3/4	206,328	3/4	221,042	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,032	7	176,246	7	191,459	7	206,644	7	221,275	7	7	7	7	7	7	7	7	7	7
1/4	161,349	1/4	176,563	1/4	191,776	1/4	206,959	1/4	221,457	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,666	1/2	176,880	1/2	192,093	1/2	207,275	1/2	221,639	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,983	3/4	177,197	3/4	192,410	3/4	207,591	3/4	221,821	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,300	8	177,514	8	192,727	8	207,907	8	222,003	8	8	8	8	8	8	8	8	8	8
1/4	162,617	1/4	177,831	1/4	193,044	1/4	208,222	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,934	1/2	178,148	1/2	193,361	1/2	208,538	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,251	3/4	178,464	3/4	193,678	3/4	208,854	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,568	9	178,781	9	193,995	9	209,169	9		9	9	9	9	9	9	9	9	9	9
1/4	163,885	1/4	179,098	1/4	194,312	1/4	209,485	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,202	1/2	179,415	1/2	194,629	1/2	209,801	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,519	3/4	179,732	3/4	194,946	3/4	210,117	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,836	10	180,049	10	195,263	10	210,433	10		10	10	10	10	10	10	10	10	10	10
1/4	165,153	1/4	180,366	1/4	195,580	1/4	210,749	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,470	1/2	180,683	1/2	195,897	1/2	211,064	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,787	3/4	181,000	3/4	196,214	3/4	211,380	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,103	11	181,317	11	196,531	11	211,696	11		11	11	11	11	11	11	11	11	11	11
1/4	166,420	1/4	181,634	1/4	196,848	1/4	212,009	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,737	1/2	181,951	1/2	197,164	1/2	212,322	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,054	3/4	182,268	3/4	197,481	3/4	212,634	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2012 CL SW
CALCULATED: 12/06/2012 CL
PRINTED: 12/06/2012 SW

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 372"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	963	0	15,212	0	30,419	0	45,577	0	60,735	0	75,943	0	91,151	0	106,359	0	121,563	0	136,766
1/4	1,148	1/4	15,528	1/4	30,736	1/4	45,891	1/4	61,052	1/4	76,260	1/4	91,468	1/4	106,676	1/4	121,880	1/4	137,083
1/2	1,333	1/2	15,845	1/2	31,053	1/2	46,206	1/2	61,369	1/2	76,577	1/2	91,785	1/2	106,993	1/2	122,197	1/2	137,399
3/4	1,517	3/4	16,162	3/4	31,370	3/4	46,521	3/4	61,685	3/4	76,894	3/4	92,102	3/4	107,310	3/4	122,514	3/4	137,716
1	1,702	1	16,479	1	31,686	1	46,835	1	62,002	1	77,210	1	92,419	1	107,627	1	122,830	1	138,033
1/4	1,940	1/4	16,796	1/4	32,003	1/4	47,150	1/4	62,319	1/4	77,527	1/4	92,735	1/4	107,944	1/4	123,147	1/4	138,350
1/2	2,177	1/2	17,112	1/2	32,320	1/2	47,465	1/2	62,636	1/2	77,844	1/2	93,052	1/2	108,260	1/2	123,464	1/2	138,666
3/4	2,415	3/4	17,429	3/4	32,637	3/4	47,779	3/4	62,953	3/4	78,161	3/4	93,369	3/4	108,577	3/4	123,780	3/4	138,983
2	2,652	2	17,746	2	32,954	2	48,094	2	63,270	2	78,478	2	93,686	2	108,894	2	124,097	2	139,300
1/4	2,943	1/4	18,063	1/4	33,271	1/4	48,409	1/4	63,586	1/4	78,795	1/4	94,003	1/4	109,211	1/4	124,414	1/4	139,616
1/2	3,233	1/2	18,380	1/2	33,587	1/2	48,723	1/2	63,903	1/2	79,111	1/2	94,320	1/2	109,528	1/2	124,731	1/2	139,933
3/4	3,523	3/4	18,697	3/4	33,904	3/4	49,038	3/4	64,220	3/4	79,428	3/4	94,636	3/4	109,845	3/4	125,047	3/4	140,250
3	3,814	3	19,013	3	34,221	3	49,353	3	64,537	3	79,745	3	94,953	3	110,161	3	125,364	3	140,567
1/4	4,129	1/4	19,330	1/4	34,538	1/4	49,667	1/4	64,854	1/4	80,062	1/4	95,270	1/4	110,478	1/4	125,681	1/4	140,883
1/2	4,444	1/2	19,647	1/2	34,855	1/2	49,982	1/2	65,171	1/2	80,379	1/2	95,587	1/2	110,795	1/2	125,998	1/2	141,200
3/4	4,760	3/4	19,964	3/4	35,171	3/4	50,297	3/4	65,487	3/4	80,696	3/4	95,904	3/4	111,112	3/4	126,314	3/4	141,517
4	5,075	4	20,281	4	35,488	4	50,611	4	65,804	4	81,012	4	96,221	4	111,428	4	126,631	4	141,834
1/4	5,391	1/4	20,598	1/4	35,805	1/4	50,926	1/4	66,121	1/4	81,329	1/4	96,537	1/4	111,745	1/4	126,948	1/4	142,150
1/2	5,708	1/2	20,914	1/2	36,122	1/2	51,241	1/2	66,438	1/2	81,646	1/2	96,854	1/2	112,062	1/2	127,264	1/2	142,467
3/4	6,024	3/4	21,231	3/4	36,439	3/4	51,555	3/4	66,755	3/4	81,963	3/4	97,171	3/4	112,379	3/4	127,581	3/4	142,784
5	6,341	5	21,548	5	36,756	5	51,870	5	67,072	5	82,280	5	97,488	5	112,695	5	127,898	5	143,100
1/4	6,657	1/4	21,865	1/4	37,072	1/4	52,185	1/4	67,388	1/4	82,597	1/4	97,805	1/4	113,012	1/4	128,215	1/4	143,417
1/2	6,974	1/2	22,182	1/2	37,389	1/2	52,500	1/2	67,705	1/2	82,913	1/2	98,122	1/2	113,329	1/2	128,531	1/2	143,734
3/4	7,291	3/4	22,498	3/4	37,706	3/4	52,816	3/4	68,022	3/4	83,230	3/4	98,439	3/4	113,645	3/4	128,848	3/4	144,051
6	7,608	6	22,815	6	38,023	6	53,131	6	68,339	6	83,547	6	98,755	6	113,962	6	129,165	6	144,367
1/4	7,925	1/4	23,132	1/4	38,338	1/4	53,448	1/4	68,656	1/4	83,864	1/4	99,072	1/4	114,279	1/4	129,481	1/4	144,684
1/2	8,241	1/2	23,449	1/2	38,653	1/2	53,764	1/2	68,973	1/2	84,181	1/2	99,389	1/2	114,596	1/2	129,798	1/2	145,001
3/4	8,558	3/4	23,766	3/4	38,968	3/4	54,081	3/4	69,289	3/4	84,498	3/4	99,706	3/4	114,912	3/4	130,115	3/4	145,317
7	8,875	7	24,083	7	39,284	7	54,398	7	69,606	7	84,815	7	100,023	7	115,229	7	130,432	7	145,634
1/4	9,192	1/4	24,399	1/4	39,598	1/4	54,715	1/4	69,923	1/4	85,131	1/4	100,340	1/4	115,546	1/4	130,748	1/4	145,951
1/2	9,509	1/2	24,716	1/2	39,913	1/2	55,032	1/2	70,240	1/2	85,448	1/2	100,656	1/2	115,862	1/2	131,065	1/2	146,268
3/4	9,825	3/4	25,033	3/4	40,228	3/4	55,349	3/4	70,557	3/4	85,765	3/4	100,973	3/4	116,179	3/4	131,382	3/4	146,584
8	10,142	8	25,350	8	40,542	8	55,665	8	70,874	8	86,082	8	101,290	8	116,496	8	131,698	8	146,901
1/4	10,459	1/4	25,667	1/4	40,857	1/4	55,982	1/4	71,191	1/4	86,399	1/4	101,607	1/4	116,813	1/4	132,015	1/4	147,218
1/2	10,776	1/2	25,984	1/2	41,172	1/2	56,299	1/2	71,507	1/2	86,716	1/2	101,924	1/2	117,129	1/2	132,332	1/2	147,534
3/4	11,093	3/4	26,300	3/4	41,486	3/4	56,616	3/4	71,824	3/4	87,032	3/4	102,241	3/4	117,446	3/4	132,649	3/4	147,851
9	11,410	9	26,617	9	41,801	9	56,933	9	72,141	9	87,349	9	102,557	9	117,763	9	132,965	9	148,168
1/4	11,726	1/4	26,934	1/4	42,116	1/4	57,250	1/4	72,458	1/4	87,666	1/4	102,874	1/4	118,079	1/4	133,282	1/4	148,485
1/2	12,043	1/2	27,251	1/2	42,430	1/2	57,567	1/2	72,775	1/2	87,983	1/2	103,191	1/2	118,396	1/2	133,599	1/2	148,801
3/4	12,360	3/4	27,568	3/4	42,745	3/4	57,883	3/4	73,092	3/4	88,300	3/4	103,508	3/4	118,713	3/4	133,916	3/4	149,118
10	12,677	10	27,884	10	43,060	10	58,200	10	73,408	10	88,617	10	103,825	10	119,030	10	134,232	10	149,435
1/4	12,994	1/4	28,201	1/4	43,374	1/4	58,517	1/4	73,725	1/4	88,933	1/4	104,142	1/4	119,346	1/4	134,549	1/4	149,752
1/2	13,311	1/2	28,518	1/2	43,689	1/2	58,834	1/2	74,042	1/2	89,250	1/2	104,458	1/2	119,663	1/2	134,866	1/2	150,068
3/4	13,627	3/4	28,835	3/4	44,003	3/4	59,151	3/4	74,359	3/4	89,567	3/4	104,775	3/4	119,980	3/4	135,182	3/4	150,385
11	13,944	11	29,152	11	44,318	11	59,468	11	74,676	11	89,884	11	105,092	11	120,297	11	135,499	11	150,702
1/4	14,261	1/4	29,469	1/4	44,633	1/4	59,784	1/4	74,993	1/4	90,201	1/4	105,409	1/4	120,613	1/4	135,816	1/4	151,018
1/2	14,578	1/2	29,785	1/2	44,947	1/2	60,101	1/2	75,309	1/2	90,518	1/2	105,726	1/2	120,930	1/2	136,133	1/2	151,335
3/4	14,895	3/4	30,102	3/4	45,262	3/4	60,418	3/4	75,626	3/4	90,834	3/4	106,043	3/4	121,247	3/4	136,449	3/4	151,652

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 372"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,969	0	167,171	0	182,374	0	197,576	0	212,714	0		0		0		0		0	
1/4	152,285	1/4	167,488	1/4	182,690	1/4	197,893	1/4	213,027	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,602	1/2	167,805	1/2	183,007	1/2	198,210	1/2	213,340	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,919	3/4	168,121	3/4	183,324	3/4	198,527	3/4	213,652	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,235	1	168,438	1	183,641	1	198,843	1	213,965	1	1	1	1	1	1	1	1	1	1
1/4	153,552	1/4	168,755	1/4	183,957	1/4	199,159	1/4	214,277	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,869	1/2	169,071	1/2	184,274	1/2	199,474	1/2	214,590	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,186	3/4	169,388	3/4	184,591	3/4	199,790	3/4	214,902	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,502	2	169,705	2	184,908	2	200,105	2	215,215	2	2	2	2	2	2	2	2	2	2
1/4	154,819	1/4	170,022	1/4	185,224	1/4	200,421	1/4	215,528	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,136	1/2	170,338	1/2	185,541	1/2	200,736	1/2	215,840	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,453	3/4	170,655	3/4	185,858	3/4	201,052	3/4	216,153	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,769	3	170,972	3	186,174	3	201,367	3	216,465	3	3	3	3	3	3	3	3	3	3
1/4	156,086	1/4	171,289	1/4	186,491	1/4	201,683	1/4	216,777	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,403	1/2	171,605	1/2	186,808	1/2	201,998	1/2	217,090	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,719	3/4	171,922	3/4	187,125	3/4	202,314	3/4	217,402	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,036	4	172,239	4	187,441	4	202,629	4	217,714	4	4	4	4	4	4	4	4	4	4
1/4	157,353	1/4	172,555	1/4	187,758	1/4	202,945	1/4	218,025	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,670	1/2	172,872	1/2	188,075	1/2	203,260	1/2	218,336	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,986	3/4	173,189	3/4	188,391	3/4	203,576	3/4	218,647	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,303	5	173,506	5	188,708	5	203,891	5	218,958	5	5	5	5	5	5	5	5	5	5
1/4	158,620	1/4	173,822	1/4	189,025	1/4	204,207	1/4	219,244	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,936	1/2	174,139	1/2	189,342	1/2	204,522	1/2	219,530	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,253	3/4	174,456	3/4	189,658	3/4	204,838	3/4	219,817	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,570	6	174,772	6	189,975	6	205,153	6	220,103	6	6	6	6	6	6	6	6	6	6
1/4	159,887	1/4	175,089	1/4	190,292	1/4	205,469	1/4	220,336	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,203	1/2	175,406	1/2	190,608	1/2	205,784	1/2	220,569	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,520	3/4	175,723	3/4	190,925	3/4	206,100	3/4	220,803	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,837	7	176,039	7	191,242	7	206,415	7	221,036	7	7	7	7	7	7	7	7	7	7
1/4	161,153	1/4	176,356	1/4	191,559	1/4	206,731	1/4	221,218	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,470	1/2	176,673	1/2	191,875	1/2	207,046	1/2	221,400	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,787	3/4	176,990	3/4	192,192	3/4	207,362	3/4	221,581	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,104	8	177,306	8	192,509	8	207,677	8	221,763	8	8	8	8	8	8	8	8	8	8
1/4	162,420	1/4	177,623	1/4	192,826	1/4	207,993	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,737	1/2	177,940	1/2	193,142	1/2	208,308	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,054	3/4	178,256	3/4	193,459	3/4	208,624	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,371	9	178,573	9	193,776	9	208,939	9		9	9	9	9	9	9	9	9	9	9
1/4	163,687	1/4	178,890	1/4	194,092	1/4	209,255	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,004	1/2	179,207	1/2	194,409	1/2	209,570	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,321	3/4	179,523	3/4	194,726	3/4	209,886	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,637	10	179,840	10	195,043	10	210,202	10		10	10	10	10	10	10	10	10	10	10
1/4	164,954	1/4	180,157	1/4	195,359	1/4	210,517	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,271	1/2	180,473	1/2	195,676	1/2	210,833	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,588	3/4	180,790	3/4	195,993	3/4	211,148	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,904	11	181,107	11	196,309	11	211,464	11		11	11	11	11	11	11	11	11	11	11
1/4	166,221	1/4	181,424	1/4	196,626	1/4	211,777	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,538	1/2	181,740	1/2	196,943	1/2	212,089	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,854	3/4	182,057	3/4	197,260	3/4	212,402	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2012 CL SW
CALCULATED: 12/06/2012 CL
PRINTED: 12/06/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 372"

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	15,182	0	30,361	0	45,529	0	60,698	0	75,877	0	91,056	0	106,234	0	121,409	0	136,583
1/4	1,146	1/4	15,499	1/4	30,677	1/4	45,845	1/4	61,014	1/4	76,193	1/4	91,372	1/4	106,551	1/4	121,725	1/4	136,899
1/2	1,330	1/2	15,815	1/2	30,993	1/2	46,160	1/2	61,330	1/2	76,509	1/2	91,688	1/2	106,867	1/2	122,041	1/2	137,215
3/4	1,514	3/4	16,131	3/4	31,309	3/4	46,476	3/4	61,646	3/4	76,825	3/4	92,004	3/4	107,183	3/4	122,358	3/4	137,531
1	1,699	1	16,447	1	31,626	1	46,792	1	61,963	1	77,141	1	92,320	1	107,499	1	122,674	1	137,847
1/4	1,936	1/4	16,763	1/4	31,942	1/4	47,108	1/4	62,279	1/4	77,458	1/4	92,637	1/4	107,816	1/4	122,990	1/4	138,163
1/2	2,173	1/2	17,080	1/2	32,258	1/2	47,423	1/2	62,595	1/2	77,774	1/2	92,953	1/2	108,132	1/2	123,306	1/2	138,479
3/4	2,410	3/4	17,396	3/4	32,574	3/4	47,739	3/4	62,911	3/4	78,090	3/4	93,269	3/4	108,448	3/4	123,622	3/4	138,795
2	2,647	2	17,712	2	32,890	2	48,055	2	63,227	2	78,406	2	93,585	2	108,764	2	123,938	2	139,112
1/4	2,937	1/4	18,028	1/4	33,207	1/4	48,370	1/4	63,544	1/4	78,723	1/4	93,902	1/4	109,081	1/4	124,254	1/4	139,428
1/2	3,227	1/2	18,344	1/2	33,523	1/2	48,686	1/2	63,860	1/2	79,039	1/2	94,218	1/2	109,397	1/2	124,570	1/2	139,744
3/4	3,517	3/4	18,661	3/4	33,839	3/4	49,002	3/4	64,176	3/4	79,355	3/4	94,534	3/4	109,713	3/4	124,886	3/4	140,060
3	3,806	3	18,977	3	34,155	3	49,318	3	64,492	3	79,671	3	94,850	3	110,029	3	125,203	3	140,376
1/4	4,121	1/4	19,293	1/4	34,471	1/4	49,633	1/4	64,809	1/4	79,988	1/4	95,166	1/4	110,345	1/4	125,519	1/4	140,692
1/2	4,436	1/2	19,609	1/2	34,788	1/2	49,949	1/2	65,125	1/2	80,304	1/2	95,483	1/2	110,661	1/2	125,835	1/2	141,008
3/4	4,751	3/4	19,926	3/4	35,104	3/4	50,265	3/4	65,441	3/4	80,620	3/4	95,799	3/4	110,978	3/4	126,151	3/4	141,324
4	5,065	4	20,242	4	35,420	4	50,580	4	65,757	4	80,936	4	96,115	4	111,294	4	126,467	4	141,640
1/4	5,381	1/4	20,558	1/4	35,736	1/4	50,896	1/4	66,073	1/4	81,252	1/4	96,431	1/4	111,610	1/4	126,783	1/4	141,957
1/2	5,697	1/2	20,874	1/2	36,053	1/2	51,212	1/2	66,390	1/2	81,569	1/2	96,748	1/2	111,926	1/2	127,099	1/2	142,273
3/4	6,013	3/4	21,190	3/4	36,369	3/4	51,527	3/4	66,706	3/4	81,885	3/4	97,064	3/4	112,242	3/4	127,415	3/4	142,589
5	6,328	5	21,507	5	36,685	5	51,843	5	67,022	5	82,201	5	97,380	5	112,558	5	127,731	5	142,905
1/4	6,645	1/4	21,823	1/4	37,001	1/4	52,159	1/4	67,338	1/4	82,517	1/4	97,696	1/4	112,874	1/4	128,048	1/4	143,221
1/2	6,961	1/2	22,139	1/2	37,317	1/2	52,476	1/2	67,655	1/2	82,834	1/2	98,013	1/2	113,190	1/2	128,364	1/2	143,537
3/4	7,277	3/4	22,455	3/4	37,634	3/4	52,792	3/4	67,971	3/4	83,150	3/4	98,329	3/4	113,506	3/4	128,680	3/4	143,853
6	7,593	6	22,771	6	37,950	6	53,108	6	68,287	6	83,466	6	98,645	6	113,823	6	128,996	6	144,169
1/4	7,909	1/4	23,088	1/4	38,266	1/4	53,424	1/4	68,603	1/4	83,782	1/4	98,961	1/4	114,139	1/4	129,312	1/4	144,485
1/2	8,226	1/2	23,404	1/2	38,582	1/2	53,741	1/2	68,920	1/2	84,098	1/2	99,277	1/2	114,455	1/2	129,628	1/2	144,802
3/4	8,542	3/4	23,720	3/4	38,898	3/4	54,057	3/4	69,236	3/4	84,415	3/4	99,594	3/4	114,771	3/4	129,944	3/4	145,118
7	8,858	7	24,036	7	39,215	7	54,373	7	69,552	7	84,731	7	99,910	7	115,087	7	130,260	7	145,434
1/4	9,174	1/4	24,353	1/4	39,530	1/4	54,689	1/4	69,868	1/4	85,047	1/4	100,226	1/4	115,403	1/4	130,576	1/4	145,750
1/2	9,490	1/2	24,669	1/2	39,846	1/2	55,005	1/2	70,184	1/2	85,363	1/2	100,542	1/2	115,719	1/2	130,893	1/2	146,066
3/4	9,807	3/4	24,985	3/4	40,162	3/4	55,322	3/4	70,501	3/4	85,680	3/4	100,859	3/4	116,035	3/4	131,209	3/4	146,382
8	10,123	8	25,301	8	40,478	8	55,638	8	70,817	8	85,996	8	101,175	8	116,351	8	131,525	8	146,698
1/4	10,439	1/4	25,617	1/4	40,793	1/4	55,954	1/4	71,133	1/4	86,312	1/4	101,491	1/4	116,668	1/4	131,841	1/4	147,014
1/2	10,755	1/2	25,934	1/2	41,109	1/2	56,270	1/2	71,449	1/2	86,628	1/2	101,807	1/2	116,984	1/2	132,157	1/2	147,330
3/4	11,072	3/4	26,250	3/4	41,425	3/4	56,587	3/4	71,766	3/4	86,945	3/4	102,124	3/4	117,300	3/4	132,473	3/4	147,647
9	11,388	9	26,566	9	41,740	9	56,903	9	72,082	9	87,261	9	102,440	9	117,616	9	132,789	9	147,963
1/4	11,704	1/4	26,882	1/4	42,056	1/4	57,219	1/4	72,398	1/4	87,577	1/4	102,756	1/4	117,932	1/4	133,105	1/4	148,279
1/2	12,020	1/2	27,199	1/2	42,372	1/2	57,535	1/2	72,714	1/2	87,893	1/2	103,072	1/2	118,248	1/2	133,421	1/2	148,595
3/4	12,336	3/4	27,515	3/4	42,688	3/4	57,852	3/4	73,031	3/4	88,209	3/4	103,388	3/4	118,564	3/4	133,737	3/4	148,911
10	12,653	10	27,831	10	43,003	10	58,168	10	73,347	10	88,526	10	103,705	10	118,880	10	134,054	10	149,227
1/4	12,969	1/4	28,147	1/4	43,319	1/4	58,484	1/4	73,663	1/4	88,842	1/4	104,021	1/4	119,196	1/4	134,370	1/4	149,543
1/2	13,285	1/2	28,463	1/2	43,635	1/2	58,800	1/2	73,979	1/2	89,158	1/2	104,337	1/2	119,513	1/2	134,686	1/2	149,859
3/4	13,601	3/4	28,780	3/4	43,950	3/4	59,116	3/4	74,295	3/4	89,474	3/4	104,653	3/4	119,829	3/4	135,002	3/4	150,175
11	13,917	11	29,096	11	44,266	11	59,433	11	74,612	11	89,791	11	104,970	11	120,145	11	135,318	11	150,492
1/4	14,234	1/4	29,412	1/4	44,582	1/4	59,749	1/4	74,928	1/4	90,107	1/4	105,286	1/4	120,461	1/4	135,634	1/4	150,808
1/2	14,550	1/2	29,728	1/2	44,898	1/2	60,065	1/2	75,244	1/2	90,423	1/2	105,602	1/2	120,777	1/2	135,950	1/2	151,124
3/4	14,866	3/4	30,044	3/4	45,213	3/4	60,381	3/4	75,560	3/4	90,739	3/4	105,918	3/4	121,093	3/4	136,266	3/4	151,440

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 372"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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BARGE "CBC 372"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	962	0	15,193	0	30,383	0	45,228	0	60,074	0	75,264	0	90,454	0	105,643	0	120,829	0	136,014
1/4	1,146	1/4	15,510	1/4	30,699	1/4	45,530	1/4	60,390	1/4	75,580	1/4	90,770	1/4	105,960	1/4	121,146	1/4	136,330
1/2	1,331	1/2	15,826	1/2	31,015	1/2	45,832	1/2	60,707	1/2	75,897	1/2	91,086	1/2	106,276	1/2	121,462	1/2	136,646
3/4	1,516	3/4	16,143	3/4	31,332	3/4	46,134	3/4	61,023	3/4	76,213	3/4	91,403	3/4	106,593	3/4	121,778	3/4	136,963
1	1,700	1	16,459	1	31,648	1	46,436	1	61,340	1	76,529	1	91,719	1	106,909	1	122,095	1	137,279
1/4	1,937	1/4	16,775	1/4	31,965	1/4	46,738	1/4	61,656	1/4	76,846	1/4	92,036	1/4	107,226	1/4	122,411	1/4	137,595
1/2	2,175	1/2	17,092	1/2	32,281	1/2	47,040	1/2	61,972	1/2	77,162	1/2	92,352	1/2	107,542	1/2	122,727	1/2	137,912
3/4	2,412	3/4	17,408	3/4	32,598	3/4	47,342	3/4	62,289	3/4	77,479	3/4	92,669	3/4	107,859	3/4	123,044	3/4	138,228
2	2,649	2	17,725	2	32,914	2	47,644	2	62,605	2	77,795	2	92,985	2	108,175	2	123,360	2	138,544
1/4	2,939	1/4	18,041	1/4	33,231	1/4	47,946	1/4	62,922	1/4	78,112	1/4	93,302	1/4	108,492	1/4	123,676	1/4	138,861
1/2	3,229	1/2	18,358	1/2	33,547	1/2	48,248	1/2	63,238	1/2	78,428	1/2	93,618	1/2	108,808	1/2	123,993	1/2	139,177
3/4	3,519	3/4	18,674	3/4	33,863	3/4	48,550	3/4	63,555	3/4	78,745	3/4	93,935	3/4	109,125	3/4	124,309	3/4	139,493
3	3,809	3	18,991	3	34,180	3	48,852	3	63,871	3	79,061	3	94,251	3	109,441	3	124,625	3	139,810
1/4	4,124	1/4	19,307	1/4	34,496	1/4	49,154	1/4	64,188	1/4	79,378	1/4	94,568	1/4	109,757	1/4	124,942	1/4	140,126
1/2	4,439	1/2	19,623	1/2	34,813	1/2	49,456	1/2	64,504	1/2	79,694	1/2	94,884	1/2	110,074	1/2	125,258	1/2	140,442
3/4	4,754	3/4	19,940	3/4	35,129	3/4	49,758	3/4	64,821	3/4	80,010	3/4	95,200	3/4	110,390	3/4	125,574	3/4	140,759
4	5,069	4	20,256	4	35,446	4	50,060	4	65,137	4	80,327	4	95,517	4	110,706	4	125,891	4	141,075
1/4	5,385	1/4	20,573	1/4	35,762	1/4	50,362	1/4	65,453	1/4	80,643	1/4	95,833	1/4	111,023	1/4	126,207	1/4	141,391
1/2	5,701	1/2	20,889	1/2	36,079	1/2	50,665	1/2	65,770	1/2	80,960	1/2	96,150	1/2	111,339	1/2	126,523	1/2	141,708
3/4	6,017	3/4	21,206	3/4	36,395	3/4	50,967	3/4	66,086	3/4	81,276	3/4	96,466	3/4	111,655	3/4	126,840	3/4	142,024
5	6,333	5	21,522	5	36,711	5	51,269	5	66,403	5	81,593	5	96,783	5	111,972	5	127,156	5	142,340
1/4	6,649	1/4	21,839	1/4	37,028	1/4	51,571	1/4	66,719	1/4	81,909	1/4	97,099	1/4	112,288	1/4	127,472	1/4	142,657
1/2	6,966	1/2	22,155	1/2	37,344	1/2	51,874	1/2	67,036	1/2	82,226	1/2	97,416	1/2	112,604	1/2	127,789	1/2	142,973
3/4	7,282	3/4	22,471	3/4	37,661	3/4	52,176	3/4	67,352	3/4	82,542	3/4	97,732	3/4	112,921	3/4	128,105	3/4	143,289
6	7,599	6	22,788	6	37,977	6	52,479	6	67,669	6	82,859	6	98,049	6	113,237	6	128,421	6	143,606
1/4	7,915	1/4	23,104	1/4	38,280	1/4	52,795	1/4	67,985	1/4	83,175	1/4	98,365	1/4	113,553	1/4	128,738	1/4	143,922
1/2	8,231	1/2	23,421	1/2	38,582	1/2	53,112	1/2	68,302	1/2	83,492	1/2	98,681	1/2	113,870	1/2	129,054	1/2	144,238
3/4	8,548	3/4	23,737	3/4	38,885	3/4	53,428	3/4	68,618	3/4	83,808	3/4	98,998	3/4	114,186	3/4	129,370	3/4	144,555
7	8,864	7	24,054	7	39,187	7	53,745	7	68,935	7	84,124	7	99,314	7	114,502	7	129,687	7	144,871
1/4	9,181	1/4	24,370	1/4	39,489	1/4	54,061	1/4	69,251	1/4	84,441	1/4	99,631	1/4	114,819	1/4	130,003	1/4	145,187
1/2	9,497	1/2	24,687	1/2	39,791	1/2	54,378	1/2	69,567	1/2	84,757	1/2	99,947	1/2	115,135	1/2	130,319	1/2	145,504
3/4	9,814	3/4	25,003	3/4	40,093	3/4	54,694	3/4	69,884	3/4	85,074	3/4	100,264	3/4	115,451	3/4	130,636	3/4	145,820
8	10,130	8	25,319	8	40,395	8	55,010	8	70,200	8	85,390	8	100,580	8	115,768	8	130,952	8	146,136
1/4	10,447	1/4	25,636	1/4	40,698	1/4	55,327	1/4	70,517	1/4	85,707	1/4	100,897	1/4	116,084	1/4	131,268	1/4	146,453
1/2	10,763	1/2	25,952	1/2	41,000	1/2	55,643	1/2	70,833	1/2	86,023	1/2	101,213	1/2	116,400	1/2	131,585	1/2	146,769
3/4	11,079	3/4	26,269	3/4	41,302	3/4	55,960	3/4	71,150	3/4	86,340	3/4	101,530	3/4	116,717	3/4	131,901	3/4	147,085
9	11,396	9	26,585	9	41,604	9	56,276	9	71,466	9	86,656	9	101,846	9	117,033	9	132,217	9	147,402
1/4	11,712	1/4	26,902	1/4	41,906	1/4	56,593	1/4	71,783	1/4	86,973	1/4	102,162	1/4	117,349	1/4	132,534	1/4	147,718
1/2	12,029	1/2	27,218	1/2	42,208	1/2	56,909	1/2	72,099	1/2	87,289	1/2	102,479	1/2	117,666	1/2	132,850	1/2	148,034
3/4	12,345	3/4	27,535	3/4	42,510	3/4	57,226	3/4	72,416	3/4	87,605	3/4	102,795	3/4	117,982	3/4	133,166	3/4	148,351
10	12,662	10	27,851	10	42,812	10	57,542	10	72,732	10	87,922	10	103,112	10	118,298	10	133,483	10	148,667
1/4	12,978	1/4	28,167	1/4	43,114	1/4	57,859	1/4	73,048	1/4	88,238	1/4	103,428	1/4	118,615	1/4	133,799	1/4	148,983
1/2	13,295	1/2	28,484	1/2	43,416	1/2	58,175	1/2	73,365	1/2	88,555	1/2	103,745	1/2	118,931	1/2	134,115	1/2	149,300
3/4	13,611	3/4	28,800	3/4	43,718	3/4	58,491	3/4	73,681	3/4	88,871	3/4	104,061	3/4	119,248	3/4	134,432	3/4	149,616
11	13,927	11	29,117	11	44,020	11	58,808	11	73,998	11	89,188	11	104,378	11	119,564	11	134,748	11	149,932
1/4	14,244	1/4	29,433	1/4	44,322	1/4	59,124	1/4	74,314	1/4	89,504	1/4	104,694	1/4	119,880	1/4	135,065	1/4	150,249
1/2	14,560	1/2	29,750	1/2	44,624	1/2	59,441	1/2	74,631	1/2	89,821	1/2	105,011	1/2	120,197	1/2	135,381	1/2	150,565
3/4	14,877	3/4	30,066	3/4	44,926	3/4	59,757	3/4	74,947	3/4	90,137	3/4	105,327	3/4	120,513	3/4	135,697	3/4	150,882

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'-03" FORWARD OF AFT BULKHEAD.

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





BARGE "CBC 372"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,198	0	166,382	0	181,566	0	196,751	0	211,871	0		0		0		0		0	
1/4	151,514	1/4	166,699	1/4	181,883	1/4	197,067	1/4	212,183	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,831	1/2	167,015	1/2	182,199	1/2	197,383	1/2	212,495	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,147	3/4	167,331	3/4	182,516	3/4	197,700	3/4	212,807	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,463	1	167,648	1	182,832	1	198,016	1	213,119	1	1	1	1	1	1	1	1	1	1
1/4	152,780	1/4	167,964	1/4	183,148	1/4	198,331	1/4	213,432	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,096	1/2	168,280	1/2	183,465	1/2	198,646	1/2	213,744	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,412	3/4	168,597	3/4	183,781	3/4	198,962	3/4	214,056	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,729	2	168,913	2	184,097	2	199,277	2	214,368	2	2	2	2	2	2	2	2	2	2
1/4	154,045	1/4	169,229	1/4	184,414	1/4	199,592	1/4	214,680	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,361	1/2	169,546	1/2	184,730	1/2	199,907	1/2	214,993	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,678	3/4	169,862	3/4	185,046	3/4	200,222	3/4	215,305	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,994	3	170,178	3	185,363	3	200,537	3	215,617	3	3	3	3	3	3	3	3	3	3
1/4	155,310	1/4	170,495	1/4	185,679	1/4	200,852	1/4	215,929	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,627	1/2	170,811	1/2	185,995	1/2	201,167	1/2	216,240	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,943	3/4	171,127	3/4	186,312	3/4	201,482	3/4	216,552	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,259	4	171,444	4	186,628	4	201,798	4	216,864	4	4	4	4	4	4	4	4	4	4
1/4	156,576	1/4	171,760	1/4	186,944	1/4	202,113	1/4	217,175	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,892	1/2	172,076	1/2	187,261	1/2	202,428	1/2	217,485	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,208	3/4	172,393	3/4	187,577	3/4	202,743	3/4	217,796	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,525	5	172,709	5	187,893	5	203,058	5	218,107	5	5	5	5	5	5	5	5	5	5
1/4	157,841	1/4	173,025	1/4	188,210	1/4	203,373	1/4	218,393	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,157	1/2	173,342	1/2	188,526	1/2	203,688	1/2	218,678	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,474	3/4	173,658	3/4	188,842	3/4	204,003	3/4	218,964	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,790	6	173,974	6	189,159	6	204,319	6	219,250	6	6	6	6	6	6	6	6	6	6
1/4	159,106	1/4	174,291	1/4	189,475	1/4	204,634	1/4	219,483	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,423	1/2	174,607	1/2	189,791	1/2	204,949	1/2	219,716	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,739	3/4	174,923	3/4	190,108	3/4	205,264	3/4	219,949	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,055	7	175,240	7	190,424	7	205,579	7	220,182	7	7	7	7	7	7	7	7	7	7
1/4	160,372	1/4	175,556	1/4	190,740	1/4	205,894	1/4	220,364	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,688	1/2	175,872	1/2	191,057	1/2	206,209	1/2	220,545	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,004	3/4	176,189	3/4	191,373	3/4	206,524	3/4	220,727	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,321	8	176,505	8	191,689	8	206,839	8	220,908	8	8	8	8	8	8	8	8	8	8
1/4	161,637	1/4	176,821	1/4	192,006	1/4	207,155	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,953	1/2	177,138	1/2	192,322	1/2	207,470	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,270	3/4	177,454	3/4	192,638	3/4	207,785	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,586	9	177,770	9	192,955	9	208,100	9		9	9	9	9	9	9	9	9	9	9
1/4	162,902	1/4	178,087	1/4	193,271	1/4	208,415	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,219	1/2	178,403	1/2	193,587	1/2	208,730	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,535	3/4	178,719	3/4	193,904	3/4	209,046	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,851	10	179,036	10	194,220	10	209,361	10		10	10	10	10	10	10	10	10	10	10
1/4	164,168	1/4	179,352	1/4	194,536	1/4	209,676	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,484	1/2	179,668	1/2	194,853	1/2	209,991	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,800	3/4	179,985	3/4	195,169	3/4	210,306	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,117	11	180,301	11	195,485	11	210,622	11		11	11	11	11	11	11	11	11	11	11
1/4	165,433	1/4	180,617	1/4	195,802	1/4	210,934	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,749	1/2	180,934	1/2	196,118	1/2	211,246	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,066	3/4	181,250	3/4	196,434	3/4	211,558	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2012 CL SW
CALCULATED: 12/06/2012 CL
PRINTED: 12/06/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 372"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	957	0	15,113	0	30,223	0	45,323	0	60,427	0	75,536	0	90,645	0	105,752	0	120,850	0	135,910
1/4	1,141	1/4	15,428	1/4	30,538	1/4	45,638	1/4	60,741	1/4	75,851	1/4	90,960	1/4	106,066	1/4	121,164	1/4	136,223
1/2	1,324	1/2	15,743	1/2	30,852	1/2	45,952	1/2	61,056	1/2	76,166	1/2	91,275	1/2	106,381	1/2	121,478	1/2	136,536
3/4	1,508	3/4	16,058	3/4	31,167	3/4	46,267	3/4	61,371	3/4	76,481	3/4	91,589	3/4	106,696	3/4	121,792	3/4	136,848
1	1,691	1	16,373	1	31,482	1	46,581	1	61,686	1	76,796	1	91,904	1	107,010	1	122,106	1	137,161
1/4	1,927	1/4	16,687	1/4	31,797	1/4	46,895	1/4	62,000	1/4	77,110	1/4	92,219	1/4	107,325	1/4	122,420	1/4	137,474
1/2	2,163	1/2	17,002	1/2	32,111	1/2	47,210	1/2	62,315	1/2	77,425	1/2	92,534	1/2	107,640	1/2	122,734	1/2	137,786
3/4	2,399	3/4	17,317	3/4	32,426	3/4	47,524	3/4	62,630	3/4	77,740	3/4	92,848	3/4	107,955	3/4	123,049	3/4	138,099
2	2,636	2	17,632	2	32,741	2	47,839	2	62,945	2	78,055	2	93,163	2	108,269	2	123,363	2	138,412
1/4	2,924	1/4	17,946	1/4	33,056	1/4	48,153	1/4	63,260	1/4	78,370	1/4	93,478	1/4	108,584	1/4	123,677	1/4	138,724
1/2	3,212	1/2	18,261	1/2	33,371	1/2	48,467	1/2	63,574	1/2	78,684	1/2	93,792	1/2	108,899	1/2	123,991	1/2	139,037
3/4	3,501	3/4	18,576	3/4	33,685	3/4	48,782	3/4	63,889	3/4	78,999	3/4	94,107	3/4	109,213	3/4	124,305	3/4	139,350
3	3,789	3	18,891	3	34,000	3	49,096	3	64,204	3	79,314	3	94,422	3	109,528	3	124,619	3	139,662
1/4	4,103	1/4	19,206	1/4	34,315	1/4	49,410	1/4	64,519	1/4	79,629	1/4	94,737	1/4	109,843	1/4	124,933	1/4	139,976
1/2	4,416	1/2	19,520	1/2	34,630	1/2	49,725	1/2	64,834	1/2	79,944	1/2	95,051	1/2	110,157	1/2	125,247	1/2	140,289
3/4	4,729	3/4	19,835	3/4	34,944	3/4	50,039	3/4	65,148	3/4	80,258	3/4	95,366	3/4	110,472	3/4	125,561	3/4	140,602
4	5,042	4	20,150	4	35,259	4	50,354	4	65,463	4	80,573	4	95,681	4	110,787	4	125,876	4	140,916
1/4	5,357	1/4	20,465	1/4	35,574	1/4	50,668	1/4	65,778	1/4	80,888	1/4	95,995	1/4	111,101	1/4	126,190	1/4	141,229
1/2	5,671	1/2	20,779	1/2	35,889	1/2	50,983	1/2	66,093	1/2	81,203	1/2	96,310	1/2	111,416	1/2	126,504	1/2	141,542
3/4	5,986	3/4	21,094	3/4	36,204	3/4	51,298	3/4	66,408	3/4	81,518	3/4	96,625	3/4	111,731	3/4	126,818	3/4	141,856
5	6,300	5	21,409	5	36,518	5	51,612	5	66,722	5	81,832	5	96,940	5	112,045	5	127,132	5	142,169
1/4	6,615	1/4	21,724	1/4	36,833	1/4	51,927	1/4	67,037	1/4	82,147	1/4	97,254	1/4	112,360	1/4	127,446	1/4	142,482
1/2	6,929	1/2	22,039	1/2	37,148	1/2	52,242	1/2	67,352	1/2	82,462	1/2	97,569	1/2	112,675	1/2	127,760	1/2	142,796
3/4	7,244	3/4	22,353	3/4	37,463	3/4	52,557	3/4	67,667	3/4	82,777	3/4	97,884	3/4	112,989	3/4	128,074	3/4	143,109
6	7,559	6	22,668	6	37,777	6	52,872	6	67,981	6	83,091	6	98,198	6	113,304	6	128,389	6	143,422
1/4	7,874	1/4	22,983	1/4	38,092	1/4	53,186	1/4	68,296	1/4	83,406	1/4	98,513	1/4	113,619	1/4	128,703	1/4	143,736
1/2	8,188	1/2	23,298	1/2	38,407	1/2	53,501	1/2	68,611	1/2	83,721	1/2	98,828	1/2	113,933	1/2	129,017	1/2	144,049
3/4	8,503	3/4	23,612	3/4	38,721	3/4	53,816	3/4	68,926	3/4	84,036	3/4	99,143	3/4	114,248	3/4	129,331	3/4	144,363
7	8,818	7	23,927	7	39,036	7	54,131	7	69,241	7	84,351	7	99,457	7	114,563	7	129,645	7	144,676
1/4	9,133	1/4	24,242	1/4	39,350	1/4	54,445	1/4	69,555	1/4	84,665	1/4	99,772	1/4	114,877	1/4	129,959	1/4	144,989
1/2	9,447	1/2	24,557	1/2	39,664	1/2	54,760	1/2	69,870	1/2	84,980	1/2	100,087	1/2	115,192	1/2	130,273	1/2	145,303
3/4	9,762	3/4	24,872	3/4	39,979	3/4	55,075	3/4	70,185	3/4	85,295	3/4	100,401	3/4	115,507	3/4	130,587	3/4	145,616
8	10,077	8	25,186	8	40,293	8	55,390	8	70,500	8	85,610	8	100,716	8	115,821	8	130,902	8	145,929
1/4	10,392	1/4	25,501	1/4	40,607	1/4	55,705	1/4	70,815	1/4	85,925	1/4	101,031	1/4	116,136	1/4	131,216	1/4	146,243
1/2	10,707	1/2	25,816	1/2	40,922	1/2	56,019	1/2	71,129	1/2	86,239	1/2	101,346	1/2	116,451	1/2	131,530	1/2	146,556
3/4	11,021	3/4	26,131	3/4	41,236	3/4	56,334	3/4	71,444	3/4	86,554	3/4	101,660	3/4	116,765	3/4	131,844	3/4	146,869
9	11,336	9	26,445	9	41,551	9	56,649	9	71,759	9	86,869	9	101,975	9	117,080	9	132,158	9	147,183
1/4	11,651	1/4	26,760	1/4	41,865	1/4	56,964	1/4	72,074	1/4	87,183	1/4	102,290	1/4	117,394	1/4	132,471	1/4	147,352
1/2	11,966	1/2	27,075	1/2	42,179	1/2	57,279	1/2	72,389	1/2	87,498	1/2	102,604	1/2	117,708	1/2	132,783	1/2	147,521
3/4	12,280	3/4	27,390	3/4	42,494	3/4	57,593	3/4	72,703	3/4	87,813	3/4	102,919	3/4	118,023	3/4	133,096	3/4	147,690
10	12,595	10	27,705	10	42,808	10	57,908	10	73,018	10	88,128	10	103,234	10	118,337	10	133,409	10	147,860
1/4	12,910	1/4	28,019	1/4	43,123	1/4	58,223	1/4	73,333	1/4	88,442	1/4	103,549	1/4	118,651	1/4	133,721	1/4	148,029
1/2	13,225	1/2	28,334	1/2	43,437	1/2	58,538	1/2	73,648	1/2	88,757	1/2	103,863	1/2	118,965	1/2	134,034	1/2	148,198
3/4	13,540	3/4	28,649	3/4	43,751	3/4	58,853	3/4	73,963	3/4	89,072	3/4	104,178	3/4	119,279	3/4	134,347	3/4	148,367
11	13,854	11	28,964	11	44,066	11	59,167	11	74,277	11	89,386	11	104,493	11	119,593	11	134,659	11	148,537
1/4	14,169	1/4	29,278	1/4	44,380	1/4	59,482	1/4	74,592	1/4	89,701	1/4	104,807	1/4	119,907	1/4	134,972	1/4	148,706
1/2	14,484	1/2	29,593	1/2	44,695	1/2	59,797	1/2	74,907	1/2	90,016	1/2	105,122	1/2	120,221	1/2	135,285	1/2	148,875
3/4	14,799	3/4	29,908	3/4	45,009	3/4	60,112	3/4	75,222	3/4	90,331	3/4	105,437	3/4	120,536	3/4	135,598	3/4	149,045

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
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BARGE "CBC 372"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	149,214	0	157,339	0	165,465	0	173,590	0	181,682	0		0		0		0		0	
1/4	149,383	1/4	157,509	1/4	165,634	1/4	173,759	1/4	181,849	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,552	1/2	157,678	1/2	165,803	1/2	173,929	1/2	182,016	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,722	3/4	157,847	3/4	165,972	3/4	174,098	3/4	182,183	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	149,891	1	158,016	1	166,142	1	174,267	1	182,350	1	1	1	1	1	1	1	1	1	1
1/4	150,060	1/4	158,186	1/4	166,311	1/4	174,436	1/4	182,517	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,230	1/2	158,355	1/2	166,480	1/2	174,604	1/2	182,684	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,399	3/4	158,524	3/4	166,650	3/4	174,773	3/4	182,851	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	150,568	2	158,693	2	166,819	2	174,942	2	183,018	2	2	2	2	2	2	2	2	2	2
1/4	150,737	1/4	158,863	1/4	166,988	1/4	175,110	1/4	183,185	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,907	1/2	159,032	1/2	167,157	1/2	175,279	1/2	183,352	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,076	3/4	159,201	3/4	167,327	3/4	175,448	3/4	183,519	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	151,245	3	159,371	3	167,496	3	175,616	3	183,686	3	3	3	3	3	3	3	3	3	3
1/4	151,415	1/4	159,540	1/4	167,665	1/4	175,785	1/4	183,853	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,584	1/2	159,709	1/2	167,835	1/2	175,954	1/2	184,020	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,753	3/4	159,878	3/4	168,004	3/4	176,122	3/4	184,186	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	151,922	4	160,048	4	168,173	4	176,291	4	184,353	4	4	4	4	4	4	4	4	4	4
1/4	152,092	1/4	160,217	1/4	168,342	1/4	176,460	1/4	184,519	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,261	1/2	160,386	1/2	168,512	1/2	176,628	1/2	184,684	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,430	3/4	160,556	3/4	168,681	3/4	176,797	3/4	184,850	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	152,599	5	160,725	5	168,850	5	176,966	5	185,015	5	5	5	5	5	5	5	5	5	5
1/4	152,769	1/4	160,894	1/4	169,019	1/4	177,134	1/4	185,156	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,938	1/2	161,063	1/2	169,189	1/2	177,303	1/2	185,297	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,107	3/4	161,233	3/4	169,358	3/4	177,472	3/4	185,438	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	153,277	6	161,402	6	169,527	6	177,640	6	185,578	6	6	6	6	6	6	6	6	6	6
1/4	153,446	1/4	161,571	1/4	169,697	1/4	177,809	1/4	185,667	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,615	1/2	161,741	1/2	169,866	1/2	177,978	1/2	185,755	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,784	3/4	161,910	3/4	170,035	3/4	178,146	3/4	185,843	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	153,954	7	162,079	7	170,204	7	178,315	7	185,932	7	7	7	7	7	7	7	7	7	7
1/4	154,123	1/4	162,248	1/4	170,374	1/4	178,484	1/4	185,968	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,292	1/2	162,418	1/2	170,543	1/2	178,652	1/2	186,005	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,462	3/4	162,587	3/4	170,712	3/4	178,821	3/4	186,041	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	154,631	8	162,756	8	170,882	8	178,990	8	186,078	8	8	8	8	8	8	8	8	8	8
1/4	154,800	1/4	162,925	1/4	171,051	1/4	179,158	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,969	1/2	163,095	1/2	171,220	1/2	179,327	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,139	3/4	163,264	3/4	171,389	3/4	179,496	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	155,308	9	163,433	9	171,559	9	179,665	9		9	9	9	9	9	9	9	9	9	9
1/4	155,477	1/4	163,603	1/4	171,728	1/4	179,833	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,646	1/2	163,772	1/2	171,897	1/2	180,002	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,816	3/4	163,941	3/4	172,067	3/4	180,171	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	155,985	10	164,110	10	172,236	10	180,339	10		10	10	10	10	10	10	10	10	10	10
1/4	156,154	1/4	164,280	1/4	172,405	1/4	180,508	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,324	1/2	164,449	1/2	172,574	1/2	180,677	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,493	3/4	164,618	3/4	172,744	3/4	180,845	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	156,662	11	164,788	11	172,913	11	181,014	11		11	11	11	11	11	11	11	11	11	11
1/4	156,831	1/4	164,957	1/4	173,082	1/4	181,181	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,001	1/2	165,126	1/2	173,251	1/2	181,348	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,170	3/4	165,295	3/4	173,421	3/4	181,515	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2012 CL SW
CALCULATED: 12/06/2012 CL
PRINTED: 12/06/2012 SW

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 372"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	957	0	15,091	0	30,177	0	44,771	0	59,586	0	74,647	0	89,728	0	104,806	0	119,876	0	134,900
1/4	1,141	1/4	15,406	1/4	30,492	1/4	45,071	1/4	59,898	1/4	74,961	1/4	90,042	1/4	105,120	1/4	120,189	1/4	135,212
1/2	1,324	1/2	15,720	1/2	30,806	1/2	45,371	1/2	60,209	1/2	75,275	1/2	90,356	1/2	105,434	1/2	120,503	1/2	135,525
3/4	1,508	3/4	16,034	3/4	31,120	3/4	45,671	3/4	60,521	3/4	75,590	3/4	90,670	3/4	105,748	3/4	120,816	3/4	135,837
1	1,691	1	16,349	1	31,434	1	45,971	1	60,832	1	75,904	1	90,984	1	106,062	1	121,130	1	136,149
1/4	1,927	1/4	16,663	1/4	31,749	1/4	46,272	1/4	61,144	1/4	76,218	1/4	91,298	1/4	106,376	1/4	121,443	1/4	136,461
1/2	2,162	1/2	16,977	1/2	32,063	1/2	46,572	1/2	61,456	1/2	76,532	1/2	91,612	1/2	106,690	1/2	121,756	1/2	136,773
3/4	2,398	3/4	17,291	3/4	32,377	3/4	46,872	3/4	61,767	3/4	76,846	3/4	91,926	3/4	107,005	3/4	122,069	3/4	137,085
2	2,634	2	17,606	2	32,692	2	47,172	2	62,079	2	77,161	2	92,241	2	107,319	2	122,383	2	137,397
1/4	2,921	1/4	17,920	1/4	33,006	1/4	47,472	1/4	62,393	1/4	77,475	1/4	92,555	1/4	107,633	1/4	122,696	1/4	137,709
1/2	3,209	1/2	18,234	1/2	33,320	1/2	47,772	1/2	62,707	1/2	77,789	1/2	92,869	1/2	107,947	1/2	123,009	1/2	138,021
3/4	3,496	3/4	18,549	3/4	33,634	3/4	48,072	3/4	63,022	3/4	78,103	3/4	93,183	3/4	108,261	3/4	123,322	3/4	138,333
3	3,784	3	18,863	3	33,949	3	48,372	3	63,336	3	78,417	3	93,497	3	108,575	3	123,635	3	138,645
1/4	4,097	1/4	19,177	1/4	34,251	1/4	48,684	1/4	63,650	1/4	78,732	1/4	93,811	1/4	108,889	1/4	123,949	1/4	138,958
1/2	4,409	1/2	19,491	1/2	34,553	1/2	48,996	1/2	63,964	1/2	79,046	1/2	94,125	1/2	109,203	1/2	124,262	1/2	139,271
3/4	4,722	3/4	19,806	3/4	34,856	3/4	49,309	3/4	64,278	3/4	79,360	3/4	94,439	3/4	109,517	3/4	124,575	3/4	139,584
4	5,035	4	20,120	4	35,158	4	49,621	4	64,593	4	79,674	4	94,754	4	109,831	4	124,888	4	139,896
1/4	5,349	1/4	20,434	1/4	35,459	1/4	49,931	1/4	64,907	1/4	79,988	1/4	95,068	1/4	110,146	1/4	125,202	1/4	140,209
1/2	5,663	1/2	20,749	1/2	35,761	1/2	50,242	1/2	65,221	1/2	80,303	1/2	95,382	1/2	110,460	1/2	125,515	1/2	140,522
3/4	5,977	3/4	21,063	3/4	36,062	3/4	50,553	3/4	65,535	3/4	80,617	3/4	95,696	3/4	110,774	3/4	125,828	3/4	140,835
5	6,292	5	21,377	5	36,363	5	50,864	5	65,849	5	80,931	5	96,010	5	111,088	5	126,141	5	141,147
1/4	6,606	1/4	21,691	1/4	36,664	1/4	51,175	1/4	66,164	1/4	81,245	1/4	96,324	1/4	111,402	1/4	126,454	1/4	141,460
1/2	6,920	1/2	22,006	1/2	36,965	1/2	51,486	1/2	66,478	1/2	81,560	1/2	96,638	1/2	111,716	1/2	126,768	1/2	141,773
3/4	7,234	3/4	22,320	3/4	37,267	3/4	51,797	3/4	66,792	3/4	81,874	3/4	96,953	3/4	112,030	3/4	127,081	3/4	142,086
6	7,548	6	22,634	6	37,568	6	52,107	6	67,106	6	82,188	6	97,267	6	112,344	6	127,394	6	142,398
1/4	7,863	1/4	22,949	1/4	37,868	1/4	52,419	1/4	67,420	1/4	82,502	1/4	97,581	1/4	112,658	1/4	127,707	1/4	142,711
1/2	8,177	1/2	23,263	1/2	38,168	1/2	52,731	1/2	67,735	1/2	82,816	1/2	97,895	1/2	112,972	1/2	128,020	1/2	143,024
3/4	8,491	3/4	23,577	3/4	38,468	3/4	53,042	3/4	68,049	3/4	83,131	3/4	98,209	3/4	113,286	3/4	128,334	3/4	143,337
7	8,806	7	23,891	7	38,769	7	53,354	7	68,363	7	83,445	7	98,523	7	113,600	7	128,647	7	143,649
1/4	9,120	1/4	24,206	1/4	39,069	1/4	53,665	1/4	68,677	1/4	83,759	1/4	98,837	1/4	113,914	1/4	128,960	1/4	143,962
1/2	9,434	1/2	24,520	1/2	39,369	1/2	53,977	1/2	68,991	1/2	84,073	1/2	99,151	1/2	114,228	1/2	129,274	1/2	144,275
3/4	9,748	3/4	24,834	3/4	39,669	3/4	54,289	3/4	69,306	3/4	84,387	3/4	99,466	3/4	114,543	3/4	129,587	3/4	144,588
8	10,063	8	25,149	8	39,969	8	54,600	8	69,620	8	84,702	8	99,780	8	114,857	8	129,901	8	144,900
1/4	10,377	1/4	25,463	1/4	40,269	1/4	54,912	1/4	69,934	1/4	85,016	1/4	100,094	1/4	115,171	1/4	130,215	1/4	145,213
1/2	10,691	1/2	25,777	1/2	40,569	1/2	55,224	1/2	70,248	1/2	85,330	1/2	100,408	1/2	115,485	1/2	130,528	1/2	145,526
3/4	11,006	3/4	26,092	3/4	40,870	3/4	55,535	3/4	70,562	3/4	85,644	3/4	100,722	3/4	115,799	3/4	130,842	3/4	145,839
9	11,320	9	26,406	9	41,170	9	55,847	9	70,877	9	85,958	9	101,036	9	116,113	9	131,155	9	146,151
1/4	11,634	1/4	26,720	1/4	41,470	1/4	56,158	1/4	71,191	1/4	86,272	1/4	101,350	1/4	116,427	1/4	131,467	1/4	146,320
1/2	11,949	1/2	27,034	1/2	41,770	1/2	56,470	1/2	71,505	1/2	86,586	1/2	101,664	1/2	116,740	1/2	131,779	1/2	146,489
3/4	12,263	3/4	27,349	3/4	42,070	3/4	56,782	3/4	71,819	3/4	86,900	3/4	101,979	3/4	117,054	3/4	132,091	3/4	146,658
10	12,577	10	27,663	10	42,370	10	57,093	10	72,133	10	87,215	10	102,293	10	117,367	10	132,404	10	146,826
1/4	12,891	1/4	27,977	1/4	42,670	1/4	57,405	1/4	72,448	1/4	87,529	1/4	102,607	1/4	117,681	1/4	132,716	1/4	146,995
1/2	13,206	1/2	28,292	1/2	42,970	1/2	57,716	1/2	72,762	1/2	87,843	1/2	102,921	1/2	117,994	1/2	133,028	1/2	147,164
3/4	13,520	3/4	28,606	3/4	43,270	3/4	58,028	3/4	73,076	3/4	88,157	3/4	103,235	3/4	118,308	3/4	133,340	3/4	147,332
11	13,834	11	28,920	11	43,571	11	58,340	11	73,390	11	88,471	11	103,549	11	118,621	11	133,652	11	147,501
1/4	14,149	1/4	29,234	1/4	43,871	1/4	58,651	1/4	73,704	1/4	88,785	1/4	103,863	1/4	118,935	1/4	133,964	1/4	147,670
1/2	14,463	1/2	29,549	1/2	44,171	1/2	58,963	1/2	74,019	1/2	89,099	1/2	104,177	1/2	119,248	1/2	134,276	1/2	147,838
3/4	14,777	3/4	29,863	3/4	44,471	3/4	59,274	3/4	74,333	3/4	89,413	3/4	104,492	3/4	119,562	3/4	134,588	3/4	148,007

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 372"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,176	0	156,273	0	164,370	0	172,467	0	180,531	0		0		0		0		0	
1/4	148,344	1/4	156,442	1/4	164,539	1/4	172,636	1/4	180,697	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148,513	1/2	156,610	1/2	164,707	1/2	172,805	1/2	180,864	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	148,682	3/4	156,779	3/4	164,876	3/4	172,973	3/4	181,030	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	148,851	1	156,948	1	165,045	1	173,142	1	181,197	1	1	1	1	1	1	1	1	1	1
1/4	149,019	1/4	157,116	1/4	165,214	1/4	173,310	1/4	181,363	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,188	1/2	157,285	1/2	165,382	1/2	173,478	1/2	181,530	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,357	3/4	157,454	3/4	165,551	3/4	173,646	3/4	181,696	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	149,525	2	157,622	2	165,720	2	173,814	2	181,863	2	2	2	2	2	2	2	2	2	2
1/4	149,694	1/4	157,791	1/4	165,888	1/4	173,982	1/4	182,029	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,863	1/2	157,960	1/2	166,057	1/2	174,150	1/2	182,196	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,031	3/4	158,129	3/4	166,226	3/4	174,319	3/4	182,362	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	150,200	3	158,297	3	166,394	3	174,487	3	182,528	3	3	3	3	3	3	3	3	3	3
1/4	150,369	1/4	158,466	1/4	166,563	1/4	174,655	1/4	182,694	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,537	1/2	158,635	1/2	166,732	1/2	174,823	1/2	182,860	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,706	3/4	158,803	3/4	166,900	3/4	174,991	3/4	183,026	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	150,875	4	158,972	4	167,069	4	175,159	4	183,193	4	4	4	4	4	4	4	4	4	4
1/4	151,043	1/4	159,141	1/4	167,238	1/4	175,327	1/4	183,357	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,212	1/2	159,309	1/2	167,406	1/2	175,495	1/2	183,522	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,381	3/4	159,478	3/4	167,575	3/4	175,663	3/4	183,687	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	151,550	5	159,647	5	167,744	5	175,831	5	183,852	5	5	5	5	5	5	5	5	5	5
1/4	151,718	1/4	159,815	1/4	167,913	1/4	175,999	1/4	183,993	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,887	1/2	159,984	1/2	168,081	1/2	176,167	1/2	184,133	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,056	3/4	160,153	3/4	168,250	3/4	176,335	3/4	184,273	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	152,224	6	160,321	6	168,419	6	176,504	6	184,413	6	6	6	6	6	6	6	6	6	6
1/4	152,393	1/4	160,490	1/4	168,587	1/4	176,672	1/4	184,501	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,562	1/2	160,659	1/2	168,756	1/2	176,840	1/2	184,589	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,730	3/4	160,828	3/4	168,925	3/4	177,008	3/4	184,677	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	152,899	7	160,996	7	169,093	7	177,176	7	184,764	7	7	7	7	7	7	7	7	7	7
1/4	153,068	1/4	161,165	1/4	169,262	1/4	177,344	1/4	184,800	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,236	1/2	161,334	1/2	169,431	1/2	177,512	1/2	184,836	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,405	3/4	161,502	3/4	169,599	3/4	177,680	3/4	184,872	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	153,574	8	161,671	8	169,768	8	177,848	8	184,908	8	8	8	8	8	8	8	8	8	8
1/4	153,743	1/4	161,840	1/4	169,937	1/4	178,016	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,911	1/2	162,008	1/2	170,106	1/2	178,184	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,080	3/4	162,177	3/4	170,274	3/4	178,352	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	154,249	9	162,346	9	170,443	9	178,521	9		9	9	9	9	9	9	9	9	9	9
1/4	154,417	1/4	162,514	1/4	170,612	1/4	178,689	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,586	1/2	162,683	1/2	170,780	1/2	178,857	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,755	3/4	162,852	3/4	170,949	3/4	179,025	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	154,923	10	163,021	10	171,118	10	179,193	10		10	10	10	10	10	10	10	10	10	10
1/4	155,092	1/4	163,189	1/4	171,286	1/4	179,361	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,261	1/2	163,358	1/2	171,455	1/2	179,529	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,429	3/4	163,527	3/4	171,624	3/4	179,697	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	155,598	11	163,695	11	171,792	11	179,865	11		11	11	11	11	11	11	11	11	11	11
1/4	155,767	1/4	163,864	1/4	171,961	1/4	180,032	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,936	1/2	164,033	1/2	172,130	1/2	180,198	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,104	3/4	164,201	3/4	172,299	3/4	180,365	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2012 CL SW
CALCULATED: 12/06/2012 CL
PRINTED: 12/06/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 372"

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	- 00-1/4	00-1/4
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	- 00-1/4	00-1/4
3 PORT	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-7/8	- 02-7/8	03-3/8	- 03-3/8
3 STBD	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-7/8	- 02-7/8	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 INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 253'-09"

December 5, 2012

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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 Pearland, Texas 77588

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BARGE "CBC 372"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
			208,538		193,361		178,148		162,934		147,721		132,507		117,294		102,077		
1/4	1/4	1/4	208,223	1/4	193,044	1/4	177,831	1/4	162,617	1/4	147,404	1/4	132,190	1/4	116,977	1/4	101,760	1/4	
1/2	1/2	1/2	222,003	1/2	207,907	1/2	192,728	1/2	177,514	1/2	162,300	1/2	147,087	1/2	131,873	1/2	116,660	1/2	101,443
3/4	3/4	3/4	221,821	3/4	207,591	3/4	192,411	3/4	177,197	3/4	161,983	3/4	146,770	3/4	131,556	3/4	116,343	3/4	101,126
1	1	1	221,639	1	207,275	1	192,094	1	176,880	1	161,667	1	146,453	1	131,239	1	116,026	1	100,809
1/4	1/4	1/4	221,457	1/4	206,960	1/4	191,777	1/4	176,563	1/4	161,350	1/4	146,136	1/4	130,922	1/4	115,709	1/4	100,492
1/2	1/2	1/2	221,275	1/2	206,644	1/2	191,460	1/2	176,246	1/2	161,033	1/2	145,819	1/2	130,606	1/2	115,392	1/2	100,175
3/4	3/4	3/4	221,042	3/4	206,328	3/4	191,143	3/4	175,929	3/4	160,716	3/4	145,502	3/4	130,289	3/4	115,075	3/4	99,858
2	2	2	220,808	2	206,012	2	190,826	2	175,612	2	160,399	2	145,185	2	129,972	2	114,758	2	99,541
1/4	1/4	1/4	220,575	1/4	205,697	1/4	190,509	1/4	175,295	1/4	160,082	1/4	144,868	1/4	129,655	1/4	114,441	1/4	99,224
1/2	1/2	1/2	220,341	1/2	205,381	1/2	190,192	1/2	174,978	1/2	159,765	1/2	144,551	1/2	129,338	1/2	114,124	1/2	98,906
3/4	3/4	3/4	220,055	3/4	205,065	3/4	189,875	3/4	174,661	3/4	159,448	3/4	144,234	3/4	129,021	3/4	113,807	3/4	98,589
3	3	3	219,769	3	204,750	3	189,558	3	174,344	3	159,131	3	143,917	3	128,704	3	113,490	3	98,272
1/4	1/4	1/4	219,482	1/4	204,434	1/4	189,241	1/4	174,028	1/4	158,814	1/4	143,600	1/4	128,387	1/4	113,173	1/4	97,955
1/2	1/2	1/2	219,196	1/2	204,118	1/2	188,924	1/2	173,711	1/2	158,497	1/2	143,283	1/2	128,070	1/2	112,856	1/2	97,638
3/4	3/4	3/4	218,885	3/4	203,802	3/4	188,607	3/4	173,394	3/4	158,180	3/4	142,967	3/4	127,753	3/4	112,539	3/4	97,321
4	4	4	218,573	4	203,487	4	188,290	4	173,077	4	157,863	4	142,650	4	127,436	4	112,223	4	97,004
1/4	1/4	1/4	218,262	1/4	203,171	1/4	187,973	1/4	172,760	1/4	157,546	1/4	142,333	1/4	127,119	1/4	111,906	1/4	96,687
1/2	1/2	1/2	217,951	1/2	202,855	1/2	187,656	1/2	172,443	1/2	157,229	1/2	142,016	1/2	126,802	1/2	111,589	1/2	96,370
3/4	3/4	3/4	217,638	3/4	202,539	3/4	187,339	3/4	172,126	3/4	156,912	3/4	141,699	3/4	126,485	3/4	111,272	3/4	96,053
5	5	5	217,326	5	202,224	5	187,022	5	171,809	5	156,595	5	141,382	5	126,168	5	110,955	5	95,736
1/4	1/4	1/4	217,014	1/4	201,908	1/4	186,705	1/4	171,492	1/4	156,278	1/4	141,065	1/4	125,851	1/4	110,638	1/4	95,419
1/2	1/2	1/2	216,701	1/2	201,592	1/2	186,389	1/2	171,175	1/2	155,961	1/2	140,748	1/2	125,534	1/2	110,321	1/2	95,102
3/4	3/4	3/4	216,389	3/4	201,277	3/4	186,072	3/4	170,858	3/4	155,644	3/4	140,431	3/4	125,217	3/4	110,004	3/4	94,785
6	6	6	216,076	6	200,961	6	185,755	6	170,541	6	155,328	6	140,114	6	124,900	6	109,687	6	94,468
1/4	1/4	1/4	215,763	1/4	200,645	1/4	185,438	1/4	170,224	1/4	155,011	1/4	139,797	1/4	124,584	1/4	109,370	1/4	94,150
1/2	1/2	1/2	215,450	1/2	200,329	1/2	185,121	1/2	169,907	1/2	154,694	1/2	139,480	1/2	124,267	1/2	109,053	1/2	93,833
3/4	3/4	3/4	215,137	3/4	200,014	3/4	184,804	3/4	169,590	3/4	154,377	3/4	139,163	3/4	123,950	3/4	108,735	3/4	93,516
7	7	7	214,825	7	199,698	7	184,487	7	169,273	7	154,060	7	138,846	7	123,633	7	108,418	7	93,199
1/4	1/4	1/4	214,512	1/4	199,382	1/4	184,170	1/4	168,956	1/4	153,743	1/4	138,529	1/4	123,316	1/4	108,101	1/4	92,882
1/2	1/2	1/2	214,199	1/2	199,066	1/2	183,853	1/2	168,639	1/2	153,426	1/2	138,212	1/2	122,999	1/2	107,784	1/2	92,565
3/4	3/4	3/4	213,886	3/4	198,750	3/4	183,536	3/4	168,322	3/4	153,109	3/4	137,895	3/4	122,682	3/4	107,467	3/4	92,248
8	8	8	213,573	8	198,433	8	183,219	8	168,005	8	152,792	8	137,578	8	122,365	8	107,150	8	91,931
1/4	1/4	1/4	213,260	1/4	198,116	1/4	182,902	1/4	167,689	1/4	152,475	1/4	137,261	1/4	122,048	1/4	106,833	1/4	91,614
1/2	1/2	1/2	212,948	1/2	197,799	1/2	182,585	1/2	167,372	1/2	152,158	1/2	136,945	1/2	121,731	1/2	106,516	1/2	91,297
3/4	3/4	3/4	212,635	3/4	197,482	3/4	182,268	3/4	167,055	3/4	151,841	3/4	136,628	3/4	121,414	3/4	106,199	3/4	90,980
9	9	9	212,322	9	197,165	9	181,951	9	166,738	9	151,524	9	136,311	9	121,097	9	105,882	9	90,663
1/4	1/4	1/4	212,009	1/4	196,848	1/4	181,634	1/4	166,421	1/4	151,207	1/4	135,994	1/4	120,780	1/4	105,565	1/4	90,346
1/2	1/2	1/2	211,696	1/2	196,531	1/2	181,317	1/2	166,104	1/2	150,890	1/2	135,677	1/2	120,463	1/2	105,248	1/2	90,029
3/4	3/4	3/4	211,381	3/4	196,214	3/4	181,000	3/4	165,787	3/4	150,573	3/4	135,360	3/4	120,146	3/4	104,931	3/4	89,712
10	10	10	211,065	10	195,897	10	180,683	10	165,470	10	150,256	10	135,043	10	119,829	10	104,614	10	89,395
1/4	1/4	1/4	210,749	1/4	195,580	1/4	180,367	1/4	165,153	1/4	149,939	1/4	134,726	1/4	119,512	1/4	104,297	1/4	89,077
1/2	1/2	1/2	210,433	1/2	195,263	1/2	180,050	1/2	164,836	1/2	149,622	1/2	134,409	1/2	119,195	1/2	103,980	1/2	88,760
3/4	3/4	3/4	210,117	3/4	194,946	3/4	179,733	3/4	164,519	3/4	149,306	3/4	134,092	3/4	118,878	3/4	103,662	3/4	88,443
11	11	11	209,801	11	194,629	11	179,416	11	164,202	11	148,989	11	133,775	11	118,561	11	103,345	11	88,126
1/4	1/4	1/4	209,486	1/4	194,312	1/4	179,099	1/4	163,885	1/4	148,672	1/4	133,458	1/4	118,245	1/4	103,028	1/4	87,809
1/2	1/2	1/2	209,170	1/2	193,995	1/2	178,782	1/2	163,568	1/2	148,355	1/2	133,141	1/2	117,928	1/2	102,711	1/2	87,492
3/4	3/4	3/4	208,854	3/4	193,678	3/4	178,465	3/4	163,251	3/4	148,038	3/4	132,824	3/4	117,611	3/4	102,394	3/4	87,175

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 372"

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	86,858	0	71,639	0	56,420	0	41,218	0	26,003	0	10,784	0		0		0		0	
1/4	86,541	1/4	71,322	1/4	56,103	1/4	40,902	1/4	25,686	1/4	10,467	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,224	1/2	71,005	1/2	55,786	1/2	40,585	1/2	25,368	1/2	10,150	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,907	3/4	70,688	3/4	55,469	3/4	40,268	3/4	25,051	3/4	9,833	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,590	1	70,371	1	55,151	1	39,952	1	24,734	1	9,516	1	1	1	1	1	1	1	1
1/4	85,273	1/4	70,054	1/4	54,834	1/4	39,635	1/4	24,417	1/4	9,199	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,956	1/2	69,736	1/2	54,517	1/2	39,319	1/2	24,100	1/2	8,882	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,639	3/4	69,419	3/4	54,200	3/4	39,002	3/4	23,783	3/4	8,565	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,321	2	69,102	2	53,883	2	38,685	2	23,466	2	8,248	2	2	2	2	2	2	2	2
1/4	84,004	1/4	68,785	1/4	53,566	1/4	38,368	1/4	23,149	1/4	7,931	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,687	1/2	68,468	1/2	53,249	1/2	38,051	1/2	22,832	1/2	7,614	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,370	3/4	68,151	3/4	52,932	3/4	37,734	3/4	22,515	3/4	7,297	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	83,053	3	67,834	3	52,615	3	37,416	3	22,198	3	6,980	3	3	3	3	3	3	3	3
1/4	82,736	1/4	67,517	1/4	52,298	1/4	37,099	1/4	21,881	1/4	6,663	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,419	1/2	67,200	1/2	51,981	1/2	36,782	1/2	21,564	1/2	6,346	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,102	3/4	66,883	3/4	51,664	3/4	36,465	3/4	21,247	3/4	6,029	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,785	4	66,566	4	51,348	4	36,148	4	20,930	4	5,712	4	4	4	4	4	4	4	4
1/4	81,468	1/4	66,249	1/4	51,031	1/4	35,831	1/4	20,613	1/4	5,396	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,151	1/2	65,932	1/2	50,715	1/2	35,514	1/2	20,296	1/2	5,079	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,834	3/4	65,615	3/4	50,398	3/4	35,197	3/4	19,979	3/4	4,764	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,517	5	65,298	5	50,082	5	34,880	5	19,662	5	4,448	5	5	5	5	5	5	5	5
1/4	80,200	1/4	64,980	1/4	49,765	1/4	34,563	1/4	19,344	1/4	4,132	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,883	1/2	64,663	1/2	49,448	1/2	34,246	1/2	19,027	1/2	3,817	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,566	3/4	64,346	3/4	49,132	3/4	33,929	3/4	18,710	3/4	3,526	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,248	6	64,029	6	48,815	6	33,612	6	18,393	6	3,236	6	6	6	6	6	6	6	6
1/4	78,931	1/4	63,712	1/4	48,499	1/4	33,295	1/4	18,076	1/4	2,945	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,614	1/2	63,395	1/2	48,182	1/2	32,978	1/2	17,759	1/2	2,655	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,297	3/4	63,078	3/4	47,866	3/4	32,661	3/4	17,442	3/4	2,417	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,980	7	62,761	7	47,549	7	32,344	7	17,125	7	2,179	7	7	7	7	7	7	7	7
1/4	77,663	1/4	62,444	1/4	47,233	1/4	32,027	1/4	16,808	1/4	1,941	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,346	1/2	62,127	1/2	46,916	1/2	31,710	1/2	16,491	1/2	1,704	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,029	3/4	61,810	3/4	46,599	3/4	31,392	3/4	16,174	3/4	1,519	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,712	8	61,493	8	46,283	8	31,075	8	15,857	8	1,334	8	8	8	8	8	8	8	8
1/4	76,395	1/4	61,176	1/4	45,966	1/4	30,758	1/4	15,540	1/4	1,149	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,078	1/2	60,859	1/2	45,650	1/2	30,441	1/2	15,223	1/2	964	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,761	3/4	60,542	3/4	45,333	3/4	30,124	3/4	14,906	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,444	9	60,224	9	45,017	9	29,807	9	14,589	9		9	9	9	9	9	9	9	9
1/4	75,127	1/4	59,907	1/4	44,700	1/4	29,490	1/4	14,272	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,810	1/2	59,590	1/2	44,384	1/2	29,173	1/2	13,955	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,492	3/4	59,273	3/4	44,067	3/4	28,856	3/4	13,638	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	74,175	10	58,956	10	43,751	10	28,539	10	13,320	10		10	10	10	10	10	10	10	10
1/4	73,858	1/4	58,639	1/4	43,434	1/4	28,222	1/4	13,003	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,541	1/2	58,322	1/2	43,117	1/2	27,905	1/2	12,686	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,224	3/4	58,005	3/4	42,801	3/4	27,588	3/4	12,369	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,907	11	57,688	11	42,484	11	27,271	11	12,052	11		11	11	11	11	11	11	11	11
1/4	72,590	1/4	57,371	1/4	42,168	1/4	26,954	1/4	11,735	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,273	1/2	57,054	1/2	41,851	1/2	26,637	1/2	11,418	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,956	3/4	56,737	3/4	41,535	3/4	26,320	3/4	11,101	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2012 CL SW
CALCULATED: 12/06/2012 CL
PRINTED: 12/06/2012 SW

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 372"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	221,763	0	207,677	0	192,509	0	177,306	0	162,104	0	146,901	0	131,698	0	116,496	0	101,290
1/4	1/4	1/4	221,581	1/4	207,362	1/4	192,192	1/4	176,989	1/4	161,787	1/4	146,584	1/4	131,382	1/4	116,179	1/4	100,973
1/2	1/2	1/2	221,399	1/2	207,046	1/2	191,875	1/2	176,673	1/2	161,470	1/2	146,268	1/2	131,065	1/2	115,862	1/2	100,656
3/4	3/4	3/4	221,218	3/4	206,731	3/4	191,559	3/4	176,356	3/4	161,153	3/4	145,951	3/4	130,748	3/4	115,546	3/4	100,339
1		1	221,036	1	206,415	1	191,242	1	176,039	1	160,837	1	145,634	1	130,432	1	115,229	1	100,023
1/4	1/4	1/4	220,803	1/4	206,100	1/4	190,925	1/4	175,723	1/4	160,520	1/4	145,317	1/4	130,115	1/4	114,912	1/4	99,706
1/2	1/2	1/2	220,569	1/2	205,784	1/2	190,608	1/2	175,406	1/2	160,203	1/2	145,001	1/2	129,798	1/2	114,596	1/2	99,389
3/4	3/4	3/4	220,336	3/4	205,469	3/4	190,292	3/4	175,089	3/4	159,887	3/4	144,684	3/4	129,481	3/4	114,279	3/4	99,072
2		2	220,103	2	205,153	2	189,975	2	174,772	2	159,570	2	144,367	2	129,165	2	113,962	2	98,755
1/4	1/4	1/4	219,816	1/4	204,838	1/4	189,658	1/4	174,456	1/4	159,253	1/4	144,051	1/4	128,848	1/4	113,645	1/4	98,438
1/2	1/2	1/2	219,530	1/2	204,522	1/2	189,342	1/2	174,139	1/2	158,936	1/2	143,734	1/2	128,531	1/2	113,329	1/2	98,122
3/4	3/4	3/4	219,244	3/4	204,207	3/4	189,025	3/4	173,822	3/4	158,620	3/4	143,417	3/4	128,214	3/4	113,012	3/4	97,805
3		3	218,958	3	203,891	3	188,708	3	173,506	3	158,303	3	143,100	3	127,898	3	112,695	3	97,488
1/4	1/4	1/4	218,647	1/4	203,576	1/4	188,391	1/4	173,189	1/4	157,986	1/4	142,784	1/4	127,581	1/4	112,378	1/4	97,171
1/2	1/2	1/2	218,336	1/2	203,260	1/2	188,075	1/2	172,872	1/2	157,669	1/2	142,467	1/2	127,264	1/2	112,062	1/2	96,854
3/4	3/4	3/4	218,025	3/4	202,945	3/4	187,758	3/4	172,555	3/4	157,353	3/4	142,150	3/4	126,948	3/4	111,745	3/4	96,537
4		4	217,714	4	202,629	4	187,441	4	172,239	4	157,036	4	141,833	4	126,631	4	111,428	4	96,221
1/4	1/4	1/4	217,402	1/4	202,314	1/4	187,124	1/4	171,922	1/4	156,719	1/4	141,517	1/4	126,314	1/4	111,112	1/4	95,904
1/2	1/2	1/2	217,089	1/2	201,998	1/2	186,808	1/2	171,605	1/2	156,403	1/2	141,200	1/2	125,997	1/2	110,795	1/2	95,587
3/4	3/4	3/4	216,777	3/4	201,683	3/4	186,491	3/4	171,288	3/4	156,086	3/4	140,883	3/4	125,681	3/4	110,478	3/4	95,270
5		5	216,465	5	201,367	5	186,174	5	170,972	5	155,769	5	140,567	5	125,364	5	110,161	5	94,953
1/4	1/4	1/4	216,153	1/4	201,052	1/4	185,858	1/4	170,655	1/4	155,452	1/4	140,250	1/4	125,047	1/4	109,845	1/4	94,636
1/2	1/2	1/2	215,840	1/2	200,736	1/2	185,541	1/2	170,338	1/2	155,136	1/2	139,933	1/2	124,731	1/2	109,528	1/2	94,320
3/4	3/4	3/4	215,528	3/4	200,421	3/4	185,224	3/4	170,022	3/4	154,819	3/4	139,616	3/4	124,414	3/4	109,211	3/4	94,003
6		6	215,215	6	200,105	6	184,907	6	169,705	6	154,502	6	139,300	6	124,097	6	108,894	6	93,686
1/4	1/4	1/4	214,902	1/4	199,790	1/4	184,591	1/4	169,388	1/4	154,186	1/4	138,983	1/4	123,780	1/4	108,577	1/4	93,369
1/2	1/2	1/2	214,590	1/2	199,474	1/2	184,274	1/2	169,071	1/2	153,869	1/2	138,666	1/2	123,464	1/2	108,260	1/2	93,052
3/4	3/4	3/4	214,277	3/4	199,159	3/4	183,957	3/4	168,755	3/4	153,552	3/4	138,350	3/4	123,147	3/4	107,944	3/4	92,735
7		7	213,965	7	198,843	7	183,641	7	168,438	7	153,235	7	138,033	7	122,830	7	107,627	7	92,419
1/4	1/4	1/4	213,652	1/4	198,526	1/4	183,324	1/4	168,121	1/4	152,919	1/4	137,716	1/4	122,514	1/4	107,310	1/4	92,102
1/2	1/2	1/2	213,339	1/2	198,210	1/2	183,007	1/2	167,805	1/2	152,602	1/2	137,399	1/2	122,197	1/2	106,993	1/2	91,785
3/4	3/4	3/4	213,027	3/4	197,893	3/4	182,690	3/4	167,488	3/4	152,285	3/4	137,083	3/4	121,880	3/4	106,676	3/4	91,468
8		8	212,714	8	197,576	8	182,374	8	167,171	8	151,969	8	136,766	8	121,563	8	106,359	8	91,151
1/4	1/4	1/4	212,402	1/4	197,260	1/4	182,057	1/4	166,854	1/4	151,652	1/4	136,449	1/4	121,247	1/4	106,043	1/4	90,834
1/2	1/2	1/2	212,089	1/2	196,943	1/2	181,740	1/2	166,538	1/2	151,335	1/2	136,132	1/2	120,930	1/2	105,726	1/2	90,518
3/4	3/4	3/4	211,776	3/4	196,626	3/4	181,424	3/4	166,221	3/4	151,018	3/4	135,816	3/4	120,613	3/4	105,409	3/4	90,201
9		9	211,464	9	196,309	9	181,107	9	165,904	9	150,702	9	135,499	9	120,296	9	105,092	9	89,884
1/4	1/4	1/4	211,148	1/4	195,993	1/4	180,790	1/4	165,588	1/4	150,385	1/4	135,182	1/4	119,980	1/4	104,775	1/4	89,567
1/2	1/2	1/2	210,833	1/2	195,676	1/2	180,473	1/2	165,271	1/2	150,068	1/2	134,866	1/2	119,663	1/2	104,458	1/2	89,250
3/4	3/4	3/4	210,517	3/4	195,359	3/4	180,157	3/4	164,954	3/4	149,751	3/4	134,549	3/4	119,346	3/4	104,142	3/4	88,933
10		10	210,201	10	195,043	10	179,840	10	164,637	10	149,435	10	134,232	10	119,030	10	103,825	10	88,616
1/4	1/4	1/4	209,886	1/4	194,726	1/4	179,523	1/4	164,321	1/4	149,118	1/4	133,915	1/4	118,713	1/4	103,508	1/4	88,300
1/2	1/2	1/2	209,570	1/2	194,409	1/2	179,206	1/2	164,004	1/2	148,801	1/2	133,599	1/2	118,396	1/2	103,191	1/2	87,983
3/4	3/4	3/4	209,255	3/4	194,092	3/4	178,890	3/4	163,687	3/4	148,485	3/4	133,282	3/4	118,079	3/4	102,874	3/4	87,666
11		11	208,939	11	193,776	11	178,573	11	163,370	11	148,168	11	132,965	11	117,763	11	102,557	11	87,349
1/4	1/4	1/4	208,624	1/4	193,459	1/4	178,256	1/4	163,054	1/4	147,851	1/4	132,649	1/4	117,446	1/4	102,240	1/4	87,032
1/2	1/2	1/2	208,308	1/2	193,142	1/2	177,940	1/2	162,737	1/2	147,534	1/2	132,332	1/2	117,129	1/2	101,924	1/2	86,715
3/4	3/4	3/4	207,993	3/4	192,825	3/4	177,623	3/4	162,420	3/4	147,218	3/4	132,015	3/4	116,813	3/4	101,607	3/4	86,399

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 372"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,082	0	70,874	0	55,665	0	40,542	0	25,350	0	10,142	0		0		0		0	
1/4	85,765	1/4	70,557	1/4	55,349	1/4	40,227	1/4	25,033	1/4	9,825	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,448	1/2	70,240	1/2	55,032	1/2	39,913	1/2	24,716	1/2	9,509	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,131	3/4	69,923	3/4	54,715	3/4	39,598	3/4	24,399	3/4	9,192	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,814	1	69,606	1	54,398	1	39,283	1	24,083	1	8,875	1	1	1	1	1	1	1	1
1/4	84,498	1/4	69,289	1/4	54,081	1/4	38,968	1/4	23,766	1/4	8,558	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,181	1/2	68,973	1/2	53,764	1/2	38,653	1/2	23,449	1/2	8,241	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,864	3/4	68,656	3/4	53,448	3/4	38,338	3/4	23,132	3/4	7,924	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,547	2	68,339	2	53,131	2	38,023	2	22,815	2	7,608	2	2	2	2	2	2	2	2
1/4	83,230	1/4	68,022	1/4	52,816	1/4	37,706	1/4	22,498	1/4	7,291	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,913	1/2	67,705	1/2	52,500	1/2	37,389	1/2	22,182	1/2	6,974	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,597	3/4	67,388	3/4	52,185	3/4	37,072	3/4	21,865	3/4	6,657	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,280	3	67,072	3	51,870	3	36,756	3	21,548	3	6,341	3	3	3	3	3	3	3	3
1/4	81,963	1/4	66,755	1/4	51,555	1/4	36,439	1/4	21,231	1/4	6,024	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,646	1/2	66,438	1/2	51,241	1/2	36,122	1/2	20,914	1/2	5,708	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,329	3/4	66,121	3/4	50,926	3/4	35,805	3/4	20,597	3/4	5,391	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,012	4	65,804	4	50,611	4	35,488	4	20,281	4	5,075	4	4	4	4	4	4	4	4
1/4	80,696	1/4	65,487	1/4	50,297	1/4	35,171	1/4	19,964	1/4	4,760	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,379	1/2	65,171	1/2	49,982	1/2	34,855	1/2	19,647	1/2	4,444	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,062	3/4	64,854	3/4	49,667	3/4	34,538	3/4	19,330	3/4	4,129	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,745	5	64,537	5	49,353	5	34,221	5	19,013	5	3,814	5	5	5	5	5	5	5	5
1/4	79,428	1/4	64,220	1/4	49,038	1/4	33,904	1/4	18,697	1/4	3,523	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,111	1/2	63,903	1/2	48,723	1/2	33,587	1/2	18,380	1/2	3,233	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,795	3/4	63,586	3/4	48,409	3/4	33,270	3/4	18,063	3/4	2,943	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,478	6	63,270	6	48,094	6	32,954	6	17,746	6	2,652	6	6	6	6	6	6	6	6
1/4	78,161	1/4	62,953	1/4	47,779	1/4	32,637	1/4	17,429	1/4	2,415	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,844	1/2	62,636	1/2	47,465	1/2	32,320	1/2	17,112	1/2	2,177	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,527	3/4	62,319	3/4	47,150	3/4	32,003	3/4	16,796	3/4	1,940	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,210	7	62,002	7	46,835	7	31,686	7	16,479	7	1,702	7	7	7	7	7	7	7	7
1/4	76,894	1/4	61,685	1/4	46,521	1/4	31,369	1/4	16,162	1/4	1,517	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,577	1/2	61,368	1/2	46,206	1/2	31,053	1/2	15,845	1/2	1,332	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,260	3/4	61,052	3/4	45,891	3/4	30,736	3/4	15,528	3/4	1,148	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,943	8	60,735	8	45,577	8	30,419	8	15,211	8	963	8	8	8	8	8	8	8	8
1/4	75,626	1/4	60,418	1/4	45,262	1/4	30,102	1/4	14,895	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,309	1/2	60,101	1/2	44,947	1/2	29,785	1/2	14,578	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,992	3/4	59,784	3/4	44,633	3/4	29,469	3/4	14,261	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,676	9	59,467	9	44,318	9	29,152	9	13,944	9		9	9	9	9	9	9	9	9
1/4	74,359	1/4	59,151	1/4	44,003	1/4	28,835	1/4	13,627	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,042	1/2	58,834	1/2	43,689	1/2	28,518	1/2	13,311	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,725	3/4	58,517	3/4	43,374	3/4	28,201	3/4	12,994	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,408	10	58,200	10	43,059	10	27,884	10	12,677	10		10	10	10	10	10	10	10	10
1/4	73,091	1/4	57,883	1/4	42,745	1/4	27,568	1/4	12,360	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,775	1/2	57,566	1/2	42,430	1/2	27,251	1/2	12,043	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,458	3/4	57,250	3/4	42,115	3/4	26,934	3/4	11,726	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,141	11	56,933	11	41,801	11	26,617	11	11,410	11		11	11	11	11	11	11	11	11
1/4	71,824	1/4	56,616	1/4	41,486	1/4	26,300	1/4	11,093	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,507	1/2	56,299	1/2	41,171	1/2	25,983	1/2	10,776	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,190	3/4	55,982	3/4	40,857	3/4	25,667	3/4	10,459	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2012 CL SW
CALCULATED: 12/06/2012 CL
PRINTED: 12/06/2012 SW

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 372"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	207,987	0	192,851	0	177,677	0	162,504	0	147,330	0	132,157	0	116,984	0	101,807
1/4		1/4		1/4	207,672	1/4	192,534	1/4	177,361	1/4	162,188	1/4	147,014	1/4	131,841	1/4	116,668	1/4	101,491
1/2		1/2	221,416	1/2	207,357	1/2	192,218	1/2	177,045	1/2	161,872	1/2	146,698	1/2	131,525	1/2	116,352	1/2	101,175
3/4		3/4	221,235	3/4	207,043	3/4	191,902	3/4	176,729	3/4	161,556	3/4	146,382	3/4	131,209	3/4	116,035	3/4	100,859
1		1	221,053	1	206,728	1	191,586	1	176,413	1	161,239	1	146,066	1	130,893	1	115,719	1	100,542
1/4		1/4	220,872	1/4	206,413	1/4	191,270	1/4	176,097	1/4	160,923	1/4	145,750	1/4	130,577	1/4	115,403	1/4	100,226
1/2		1/2	220,690	1/2	206,098	1/2	190,954	1/2	175,781	1/2	160,607	1/2	145,434	1/2	130,260	1/2	115,087	1/2	99,910
3/4		3/4	220,457	3/4	205,783	3/4	190,638	3/4	175,464	3/4	160,291	3/4	145,118	3/4	129,944	3/4	114,771	3/4	99,594
2		2	220,225	2	205,468	2	190,322	2	175,148	2	159,975	2	144,802	2	129,628	2	114,455	2	99,278
1/4		1/4	219,992	1/4	205,153	1/4	190,006	1/4	174,832	1/4	159,659	1/4	144,485	1/4	129,312	1/4	114,139	1/4	98,961
1/2		1/2	219,759	1/2	204,838	1/2	189,689	1/2	174,516	1/2	159,343	1/2	144,169	1/2	128,996	1/2	113,823	1/2	98,645
3/4		3/4	219,473	3/4	204,523	3/4	189,373	3/4	174,200	3/4	159,027	3/4	143,853	3/4	128,680	3/4	113,507	3/4	98,329
3		3	219,188	3	204,209	3	189,057	3	173,884	3	158,710	3	143,537	3	128,364	3	113,190	3	98,013
1/4		1/4	218,902	1/4	203,894	1/4	188,741	1/4	173,568	1/4	158,394	1/4	143,221	1/4	128,048	1/4	112,874	1/4	97,696
1/2		1/2	218,617	1/2	203,579	1/2	188,425	1/2	173,252	1/2	158,078	1/2	142,905	1/2	127,732	1/2	112,558	1/2	97,380
3/4		3/4	218,306	3/4	203,264	3/4	188,109	3/4	172,936	3/4	157,762	3/4	142,589	3/4	127,415	3/4	112,242	3/4	97,064
4		4	217,996	4	202,949	4	187,793	4	172,619	4	157,446	4	142,273	4	127,099	4	111,926	4	96,748
1/4		1/4	217,685	1/4	202,634	1/4	187,477	1/4	172,303	1/4	157,130	1/4	141,957	1/4	126,783	1/4	111,610	1/4	96,431
1/2		1/2	217,375	1/2	202,319	1/2	187,161	1/2	171,987	1/2	156,814	1/2	141,640	1/2	126,467	1/2	111,294	1/2	96,115
3/4		3/4	217,063	3/4	202,004	3/4	186,844	3/4	171,671	3/4	156,498	3/4	141,324	3/4	126,151	3/4	110,978	3/4	95,799
5		5	216,752	5	201,689	5	186,528	5	171,355	5	156,182	5	141,008	5	125,835	5	110,662	5	95,483
1/4		1/4	216,440	1/4	201,375	1/4	186,212	1/4	171,039	1/4	155,865	1/4	140,692	1/4	125,519	1/4	110,345	1/4	95,167
1/2		1/2	216,128	1/2	201,060	1/2	185,896	1/2	170,723	1/2	155,549	1/2	140,376	1/2	125,203	1/2	110,029	1/2	94,850
3/4		3/4	215,817	3/4	200,745	3/4	185,580	3/4	170,407	3/4	155,233	3/4	140,060	3/4	124,887	3/4	109,713	3/4	94,534
6		6	215,505	6	200,430	6	185,264	6	170,091	6	154,917	6	139,744	6	124,570	6	109,397	6	94,218
1/4		1/4	215,193	1/4	200,115	1/4	184,948	1/4	169,774	1/4	154,601	1/4	139,428	1/4	124,254	1/4	109,081	1/4	93,902
1/2		1/2	214,881	1/2	199,800	1/2	184,632	1/2	169,458	1/2	154,285	1/2	139,112	1/2	123,938	1/2	108,764	1/2	93,585
3/4		3/4	214,569	3/4	199,485	3/4	184,316	3/4	169,142	3/4	153,969	3/4	138,795	3/4	123,622	3/4	108,448	3/4	93,269
7		7	214,257	7	199,170	7	183,999	7	168,826	7	153,653	7	138,479	7	123,306	7	108,132	7	92,953
1/4		1/4	213,945	1/4	198,855	1/4	183,683	1/4	168,510	1/4	153,337	1/4	138,163	1/4	122,990	1/4	107,816	1/4	92,637
1/2		1/2	213,633	1/2	198,541	1/2	183,367	1/2	168,194	1/2	153,020	1/2	137,847	1/2	122,674	1/2	107,499	1/2	92,320
3/4		3/4	213,321	3/4	198,224	3/4	183,051	3/4	167,878	3/4	152,704	3/4	137,531	3/4	122,358	3/4	107,183	3/4	92,004
8		8	213,009	8	197,908	8	182,735	8	167,562	8	152,388	8	137,215	8	122,042	8	106,867	8	91,688
1/4		1/4	212,697	1/4	197,592	1/4	182,419	1/4	167,246	1/4	152,072	1/4	136,899	1/4	121,725	1/4	106,551	1/4	91,372
1/2		1/2	212,385	1/2	197,276	1/2	182,103	1/2	166,929	1/2	151,756	1/2	136,583	1/2	121,409	1/2	106,235	1/2	91,056
3/4		3/4	212,073	3/4	196,960	3/4	181,787	3/4	166,613	3/4	151,440	3/4	136,267	3/4	121,093	3/4	105,918	3/4	90,739
9		9	211,761	9	196,644	9	181,471	9	166,297	9	151,124	9	135,950	9	120,777	9	105,602	9	90,423
1/4		1/4	211,449	1/4	196,328	1/4	181,154	1/4	165,981	1/4	150,808	1/4	135,634	1/4	120,461	1/4	105,286	1/4	90,107
1/2		1/2	211,137	1/2	196,012	1/2	180,838	1/2	165,665	1/2	150,492	1/2	135,318	1/2	120,145	1/2	104,970	1/2	89,791
3/4		3/4	210,822	3/4	195,696	3/4	180,522	3/4	165,349	3/4	150,175	3/4	135,002	3/4	119,829	3/4	104,653	3/4	89,474
10		10	210,507	10	195,379	10	180,206	10	165,033	10	149,859	10	134,686	10	119,513	10	104,337	10	89,158
1/4		1/4	210,192	1/4	195,063	1/4	179,890	1/4	164,717	1/4	149,543	1/4	134,370	1/4	119,197	1/4	104,021	1/4	88,842
1/2		1/2	209,877	1/2	194,747	1/2	179,574	1/2	164,401	1/2	149,227	1/2	134,054	1/2	118,880	1/2	103,705	1/2	88,526
3/4		3/4	209,562	3/4	194,431	3/4	179,258	3/4	164,084	3/4	148,911	3/4	133,738	3/4	118,564	3/4	103,388	3/4	88,210
11		11	209,247	11	194,115	11	178,942	11	163,768	11	148,595	11	133,422	11	118,248	11	103,072	11	87,893
1/4		1/4	208,932	1/4	193,799	1/4	178,626	1/4	163,452	1/4	148,279	1/4	133,105	1/4	117,932	1/4	102,756	1/4	87,577
1/2		1/2	208,617	1/2	193,483	1/2	178,309	1/2	163,136	1/2	147,963	1/2	132,789	1/2	117,616	1/2	102,440	1/2	87,261
3/4		3/4	208,302	3/4	193,167	3/4	177,993	3/4	162,820	3/4	147,647	3/4	132,473	3/4	117,300	3/4	102,124	3/4	86,945

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'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 372"

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	86,628	0	71,449	0	56,270	0	41,109	0	25,934	0	10,755	0		0		0		0	
1/4	86,312	1/4	71,133	1/4	55,954	1/4	40,793	1/4	25,617	1/4	10,439	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,996	1/2	70,817	1/2	55,638	1/2	40,478	1/2	25,301	1/2	10,123	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,680	3/4	70,501	3/4	55,322	3/4	40,162	3/4	24,985	3/4	9,807	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,363	1	70,185	1	55,006	1	39,846	1	24,669	1	9,490	1	1	1	1	1	1	1	1
1/4	85,047	1/4	69,868	1/4	54,689	1/4	39,530	1/4	24,353	1/4	9,174	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,731	1/2	69,552	1/2	54,373	1/2	39,215	1/2	24,036	1/2	8,858	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,415	3/4	69,236	3/4	54,057	3/4	38,899	3/4	23,720	3/4	8,542	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,099	2	68,920	2	53,741	2	38,582	2	23,404	2	8,226	2	2	2	2	2	2	2	2
1/4	83,782	1/4	68,603	1/4	53,424	1/4	38,266	1/4	23,088	1/4	7,909	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,466	1/2	68,287	1/2	53,108	1/2	37,950	1/2	22,772	1/2	7,593	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,150	3/4	67,971	3/4	52,792	3/4	37,634	3/4	22,455	3/4	7,277	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,834	3	67,655	3	52,476	3	37,317	3	22,139	3	6,961	3	3	3	3	3	3	3	3
1/4	82,517	1/4	67,338	1/4	52,160	1/4	37,001	1/4	21,823	1/4	6,645	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,201	1/2	67,022	1/2	51,843	1/2	36,685	1/2	21,507	1/2	6,329	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,885	3/4	66,706	3/4	51,527	3/4	36,369	3/4	21,190	3/4	6,013	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,569	4	66,390	4	51,212	4	36,053	4	20,874	4	5,697	4	4	4	4	4	4	4	4
1/4	81,253	1/4	66,074	1/4	50,896	1/4	35,736	1/4	20,558	1/4	5,381	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,936	1/2	65,757	1/2	50,580	1/2	35,420	1/2	20,242	1/2	5,065	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,620	3/4	65,441	3/4	50,265	3/4	35,104	3/4	19,926	3/4	4,751	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,304	5	65,125	5	49,949	5	34,788	5	19,609	5	4,436	5	5	5	5	5	5	5	5
1/4	79,988	1/4	64,809	1/4	49,633	1/4	34,472	1/4	19,293	1/4	4,121	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,671	1/2	64,492	1/2	49,318	1/2	34,155	1/2	18,977	1/2	3,807	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,355	3/4	64,176	3/4	49,002	3/4	33,839	3/4	18,661	3/4	3,517	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,039	6	63,860	6	48,686	6	33,523	6	18,345	6	3,227	6	6	6	6	6	6	6	6
1/4	78,723	1/4	63,544	1/4	48,370	1/4	33,207	1/4	18,028	1/4	2,937	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,406	1/2	63,227	1/2	48,055	1/2	32,890	1/2	17,712	1/2	2,647	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,090	3/4	62,911	3/4	47,739	3/4	32,574	3/4	17,396	3/4	2,410	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,774	7	62,595	7	47,423	7	32,258	7	17,080	7	2,173	7	7	7	7	7	7	7	7
1/4	77,458	1/4	62,279	1/4	47,108	1/4	31,942	1/4	16,763	1/4	1,936	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,142	1/2	61,963	1/2	46,792	1/2	31,626	1/2	16,447	1/2	1,699	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,825	3/4	61,646	3/4	46,476	3/4	31,309	3/4	16,131	3/4	1,515	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,509	8	61,330	8	46,160	8	30,993	8	15,815	8	1,330	8	8	8	8	8	8	8	8
1/4	76,193	1/4	61,014	1/4	45,845	1/4	30,677	1/4	15,499	1/4	1,146	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,877	1/2	60,698	1/2	45,529	1/2	30,361	1/2	15,182	1/2	961	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,560	3/4	60,381	3/4	45,213	3/4	30,045	3/4	14,866	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,244	9	60,065	9	44,898	9	29,728	9	14,550	9		9	9	9	9	9	9	9	9
1/4	74,928	1/4	59,749	1/4	44,582	1/4	29,412	1/4	14,234	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,612	1/2	59,433	1/2	44,266	1/2	29,096	1/2	13,918	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,295	3/4	59,117	3/4	43,950	3/4	28,780	3/4	13,601	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,979	10	58,800	10	43,635	10	28,463	10	13,285	10		10	10	10	10	10	10	10	10
1/4	73,663	1/4	58,484	1/4	43,319	1/4	28,147	1/4	12,969	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,347	1/2	58,168	1/2	43,003	1/2	27,831	1/2	12,653	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,031	3/4	57,852	3/4	42,688	3/4	27,515	3/4	12,336	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,714	11	57,535	11	42,372	11	27,199	11	12,020	11		11	11	11	11	11	11	11	11
1/4	72,398	1/4	57,219	1/4	42,056	1/4	26,882	1/4	11,704	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,082	1/2	56,903	1/2	41,740	1/2	26,566	1/2	11,388	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,766	3/4	56,587	3/4	41,425	3/4	26,250	3/4	11,072	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2012 CL SW
CALCULATED: 12/06/2012 CL
PRINTED: 12/06/2012 SW

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 372"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	207,154	0	192,005	0	176,821	0	161,637	0	146,452	0	131,268	0	116,084	0	100,896
1/4	1/4	220,908	1/4	206,839	1/4	191,689	1/4	176,505	1/4	161,320	1/4	146,136	1/4	130,952	1/4	115,768	1/4	100,580	1/4
1/2	1/2	220,726	1/2	206,524	1/2	191,373	1/2	176,188	1/2	161,004	1/2	145,820	1/2	130,635	1/2	115,451	1/2	100,263	1/2
3/4	3/4	220,545	3/4	206,209	3/4	191,056	3/4	175,872	3/4	160,688	3/4	145,503	3/4	130,319	3/4	115,135	3/4	99,947	3/4
1		220,363	1	205,894	1	190,740	1	175,556	1	160,371	1	145,187	1	130,003	1	114,818	1	99,631	1
1/4	1/4	220,182	1/4	205,579	1/4	190,424	1/4	175,239	1/4	160,055	1/4	144,871	1/4	129,686	1/4	114,502	1/4	99,314	1/4
1/2	1/2	219,949	1/2	205,264	1/2	190,107	1/2	174,923	1/2	159,739	1/2	144,554	1/2	129,370	1/2	114,186	1/2	98,998	1/2
3/4	3/4	219,716	3/4	204,949	3/4	189,791	3/4	174,607	3/4	159,422	3/4	144,238	3/4	129,054	3/4	113,869	3/4	98,681	3/4
2		219,483	2	204,633	2	189,475	2	174,290	2	159,106	2	143,922	2	128,737	2	113,553	2	98,365	2
1/4	1/4	219,250	1/4	204,318	1/4	189,158	1/4	173,974	1/4	158,790	1/4	143,605	1/4	128,421	1/4	113,237	1/4	98,048	1/4
1/2	1/2	218,964	1/2	204,003	1/2	188,842	1/2	173,658	1/2	158,473	1/2	143,289	1/2	128,105	1/2	112,920	1/2	97,732	1/2
3/4	3/4	218,678	3/4	203,688	3/4	188,526	3/4	173,341	3/4	158,157	3/4	142,973	3/4	127,788	3/4	112,604	3/4	97,415	3/4
3		218,392	3	203,373	3	188,209	3	173,025	3	157,841	3	142,656	3	127,472	3	112,288	3	97,099	3
1/4	1/4	218,107	1/4	203,058	1/4	187,893	1/4	172,709	1/4	157,524	1/4	142,340	1/4	127,156	1/4	111,971	1/4	96,782	1/4
1/2	1/2	217,796	1/2	202,743	1/2	187,577	1/2	172,392	1/2	157,208	1/2	142,024	1/2	126,839	1/2	111,655	1/2	96,466	1/2
3/4	3/4	217,485	3/4	202,428	3/4	187,260	3/4	172,076	3/4	156,892	3/4	141,707	3/4	126,523	3/4	111,339	3/4	96,150	3/4
4		217,174	4	202,112	4	186,944	4	171,760	4	156,575	4	141,391	4	126,207	4	111,022	4	95,833	4
1/4	1/4	216,864	1/4	201,797	1/4	186,628	1/4	171,443	1/4	156,259	1/4	141,075	1/4	125,890	1/4	110,706	1/4	95,517	1/4
1/2	1/2	216,552	1/2	201,482	1/2	186,311	1/2	171,127	1/2	155,943	1/2	140,758	1/2	125,574	1/2	110,390	1/2	95,200	1/2
3/4	3/4	216,240	3/4	201,167	3/4	185,995	3/4	170,811	3/4	155,626	3/4	140,442	3/4	125,258	3/4	110,073	3/4	94,884	3/4
5		215,928	5	200,852	5	185,679	5	170,494	5	155,310	5	140,126	5	124,941	5	109,757	5	94,567	5
1/4	1/4	215,617	1/4	200,537	1/4	185,362	1/4	170,178	1/4	154,994	1/4	139,809	1/4	124,625	1/4	109,441	1/4	94,251	1/4
1/2	1/2	215,304	1/2	200,222	1/2	185,046	1/2	169,862	1/2	154,677	1/2	139,493	1/2	124,309	1/2	109,124	1/2	93,934	1/2
3/4	3/4	214,992	3/4	199,907	3/4	184,730	3/4	169,545	3/4	154,361	3/4	139,177	3/4	123,992	3/4	108,808	3/4	93,618	3/4
6		214,680	6	199,592	6	184,413	6	169,229	6	154,045	6	138,860	6	123,676	6	108,491	6	93,301	6
1/4	1/4	214,368	1/4	199,276	1/4	184,097	1/4	168,913	1/4	153,728	1/4	138,544	1/4	123,360	1/4	108,175	1/4	92,985	1/4
1/2	1/2	214,056	1/2	198,961	1/2	183,781	1/2	168,596	1/2	153,412	1/2	138,228	1/2	123,043	1/2	107,858	1/2	92,669	1/2
3/4	3/4	213,744	3/4	198,646	3/4	183,464	3/4	168,280	3/4	153,096	3/4	137,911	3/4	122,727	3/4	107,542	3/4	92,352	3/4
7		213,431	7	198,331	7	183,148	7	167,964	7	152,779	7	137,595	7	122,411	7	107,226	7	92,036	7
1/4	1/4	213,119	1/4	198,016	1/4	182,832	1/4	167,647	1/4	152,463	1/4	137,279	1/4	122,094	1/4	106,909	1/4	91,719	1/4
1/2	1/2	212,807	1/2	197,700	1/2	182,515	1/2	167,331	1/2	152,147	1/2	136,962	1/2	121,778	1/2	106,593	1/2	91,403	1/2
3/4	3/4	212,495	3/4	197,383	3/4	182,199	3/4	167,015	3/4	151,830	3/4	136,646	3/4	121,462	3/4	106,276	3/4	91,086	3/4
8		212,183	8	197,067	8	181,883	8	166,698	8	151,514	8	136,330	8	121,145	8	105,960	8	90,770	8
1/4	1/4	211,870	1/4	196,751	1/4	181,566	1/4	166,382	1/4	151,198	1/4	136,013	1/4	120,829	1/4	105,643	1/4	90,453	1/4
1/2	1/2	211,558	1/2	196,434	1/2	181,250	1/2	166,066	1/2	150,881	1/2	135,697	1/2	120,513	1/2	105,327	1/2	90,137	1/2
3/4	3/4	211,246	3/4	196,118	3/4	180,934	3/4	165,749	3/4	150,565	3/4	135,381	3/4	120,196	3/4	105,010	3/4	89,820	3/4
9		210,934	9	195,802	9	180,617	9	165,433	9	150,249	9	135,064	9	119,880	9	104,694	9	89,504	9
1/4	1/4	210,621	1/4	195,485	1/4	180,301	1/4	165,117	1/4	149,932	1/4	134,748	1/4	119,564	1/4	104,377	1/4	89,187	1/4
1/2	1/2	210,306	1/2	195,169	1/2	179,985	1/2	164,800	1/2	149,616	1/2	134,432	1/2	119,247	1/2	104,061	1/2	88,871	1/2
3/4	3/4	209,991	3/4	194,853	3/4	179,668	3/4	164,484	3/4	149,300	3/4	134,115	3/4	118,931	3/4	103,744	3/4	88,555	3/4
10		209,676	10	194,536	10	179,352	10	164,168	10	148,983	10	133,799	10	118,615	10	103,428	10	88,238	10
1/4	1/4	209,361	1/4	194,220	1/4	179,036	1/4	163,851	1/4	148,667	1/4	133,483	1/4	118,298	1/4	103,112	1/4	87,922	1/4
1/2	1/2	209,045	1/2	193,903	1/2	178,719	1/2	163,535	1/2	148,351	1/2	133,166	1/2	117,982	1/2	102,795	1/2	87,605	1/2
3/4	3/4	208,730	3/4	193,587	3/4	178,403	3/4	163,219	3/4	148,034	3/4	132,850	3/4	117,666	3/4	102,479	3/4	87,289	3/4
11		208,415	11	193,271	11	178,086	11	162,902	11	147,718	11	132,534	11	117,349	11	102,162	11	86,972	11
1/4	1/4	208,100	1/4	192,954	1/4	177,770	1/4	162,586	1/4	147,402	1/4	132,217	1/4	117,033	1/4	101,846	1/4	86,656	1/4
1/2	1/2	207,785	1/2	192,638	1/2	177,454	1/2	162,269	1/2	147,085	1/2	131,901	1/2	116,717	1/2	101,529	1/2	86,339	1/2
3/4	3/4	207,469	3/4	192,322	3/4	177,137	3/4	161,953	3/4	146,769	3/4	131,585	3/4	116,400	3/4	101,213	3/4	86,023	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 372"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,706	0	70,517	0	55,327	0	40,697	0	25,636	0	10,446	0		0		0		0	
1/4	85,390	1/4	70,200	1/4	55,010	1/4	40,395	1/4	25,319	1/4	10,130	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,074	1/2	69,884	1/2	54,694	1/2	40,093	1/2	25,003	1/2	9,813	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,757	3/4	69,567	3/4	54,377	3/4	39,791	3/4	24,686	3/4	9,497	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,441	1	69,251	1	54,061	1	39,489	1	24,370	1	9,181	1	1	1	1	1	1	1	1
1/4	84,124	1/4	68,934	1/4	53,744	1/4	39,187	1/4	24,053	1/4	8,864	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,808	1/2	68,618	1/2	53,428	1/2	38,885	1/2	23,737	1/2	8,548	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,491	3/4	68,301	3/4	53,111	3/4	38,582	3/4	23,421	3/4	8,231	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,175	2	67,985	2	52,795	2	38,280	2	23,104	2	7,915	2	2	2	2	2	2	2	2
1/4	82,858	1/4	67,668	1/4	52,479	1/4	37,977	1/4	22,788	1/4	7,598	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,542	1/2	67,352	1/2	52,176	1/2	37,661	1/2	22,471	1/2	7,282	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,225	3/4	67,036	3/4	51,873	3/4	37,344	3/4	22,155	3/4	6,966	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,909	3	66,719	3	51,571	3	37,028	3	21,838	3	6,649	3	3	3	3	3	3	3	3
1/4	81,593	1/4	66,403	1/4	51,268	1/4	36,711	1/4	21,522	1/4	6,333	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,276	1/2	66,086	1/2	50,966	1/2	36,395	1/2	21,205	1/2	6,017	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,960	3/4	65,770	3/4	50,664	3/4	36,078	3/4	20,889	3/4	5,701	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,643	4	65,453	4	50,362	4	35,762	4	20,573	4	5,385	4	4	4	4	4	4	4	4
1/4	80,327	1/4	65,137	1/4	50,060	1/4	35,445	1/4	20,256	1/4	5,069	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,010	1/2	64,820	1/2	49,758	1/2	35,129	1/2	19,940	1/2	4,754	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,694	3/4	64,504	3/4	49,456	3/4	34,813	3/4	19,623	3/4	4,439	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,377	5	64,187	5	49,154	5	34,496	5	19,307	5	4,124	5	5	5	5	5	5	5	5
1/4	79,061	1/4	63,871	1/4	48,852	1/4	34,180	1/4	18,990	1/4	3,809	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,744	1/2	63,555	1/2	48,550	1/2	33,863	1/2	18,674	1/2	3,519	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,428	3/4	63,238	3/4	48,248	3/4	33,547	3/4	18,357	3/4	3,229	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,112	6	62,922	6	47,946	6	33,230	6	18,041	6	2,939	6	6	6	6	6	6	6	6
1/4	77,795	1/4	62,605	1/4	47,644	1/4	32,914	1/4	17,725	1/4	2,649	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,479	1/2	62,289	1/2	47,342	1/2	32,597	1/2	17,408	1/2	2,412	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,162	3/4	61,972	3/4	47,040	3/4	32,281	3/4	17,092	3/4	2,174	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	76,846	7	61,656	7	46,738	7	31,965	7	16,775	7	1,937	7	7	7	7	7	7	7	7
1/4	76,529	1/4	61,339	1/4	46,436	1/4	31,648	1/4	16,459	1/4	1,700	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,213	1/2	61,023	1/2	46,134	1/2	31,332	1/2	16,142	1/2	1,515	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,896	3/4	60,706	3/4	45,832	3/4	31,015	3/4	15,826	3/4	1,331	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,580	8	60,390	8	45,530	8	30,699	8	15,509	8	1,146	8	8	8	8	8	8	8	8
1/4	75,263	1/4	60,073	1/4	45,228	1/4	30,382	1/4	15,193	1/4	962	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,947	1/2	59,757	1/2	44,926	1/2	30,066	1/2	14,877	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,630	3/4	59,441	3/4	44,624	3/4	29,749	3/4	14,560	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,314	9	59,124	9	44,322	9	29,433	9	14,244	9		9	9	9	9	9	9	9	9
1/4	73,998	1/4	58,808	1/4	44,020	1/4	29,117	1/4	13,927	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,681	1/2	58,491	1/2	43,718	1/2	28,800	1/2	13,611	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,365	3/4	58,175	3/4	43,416	3/4	28,484	3/4	13,294	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,048	10	57,858	10	43,114	10	28,167	10	12,978	10		10	10	10	10	10	10	10	10
1/4	72,732	1/4	57,542	1/4	42,811	1/4	27,851	1/4	12,661	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,415	1/2	57,225	1/2	42,509	1/2	27,534	1/2	12,345	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,099	3/4	56,909	3/4	42,207	3/4	27,218	3/4	12,029	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	71,782	11	56,592	11	41,905	11	26,901	11	11,712	11		11	11	11	11	11	11	11	11
1/4	71,466	1/4	56,276	1/4	41,603	1/4	26,585	1/4	11,396	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,149	1/2	55,960	1/2	41,301	1/2	26,269	1/2	11,079	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,833	3/4	55,643	3/4	40,999	3/4	25,952	3/4	10,763	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2012 CL SW
CALCULATED: 12/06/2012 CL
PRINTED: 12/06/2012 SW

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 372"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	179,159	0	171,051	0	162,926	0	154,800	0	146,243	0	131,216	0	116,136	0	101,031
1/4		1/4	186,078	1/4	178,990	1/4	170,882	1/4	162,756	1/4	154,631	1/4	145,929	1/4	130,902	1/4	115,821	1/4	100,716
1/2		1/2	186,041	1/2	178,821	1/2	170,712	1/2	162,587	1/2	154,462	1/2	145,616	1/2	130,588	1/2	115,507	1/2	100,402
3/4		3/4	186,005	3/4	178,653	3/4	170,543	3/4	162,418	3/4	154,292	3/4	145,303	3/4	130,273	3/4	115,192	3/4	100,087
1		1	185,968	1	178,484	1	170,374	1	162,248	1	154,123	1	144,989	1	129,959	1	114,877	1	99,772
1/4		1/4	185,932	1/4	178,315	1/4	170,205	1/4	162,079	1/4	153,954	1/4	144,676	1/4	129,645	1/4	114,563	1/4	99,457
1/2		1/2	185,844	1/2	178,147	1/2	170,035	1/2	161,910	1/2	153,785	1/2	144,363	1/2	129,331	1/2	114,248	1/2	99,143
3/4		3/4	185,755	3/4	177,978	3/4	169,866	3/4	161,741	3/4	153,615	3/4	144,049	3/4	129,017	3/4	113,933	3/4	98,828
2		2	185,667	2	177,809	2	169,697	2	161,571	2	153,446	2	143,736	2	128,703	2	113,619	2	98,513
1/4		1/4	185,578	1/4	177,641	1/4	169,527	1/4	161,402	1/4	153,277	1/4	143,423	1/4	128,389	1/4	113,304	1/4	98,199
1/2		1/2	185,438	1/2	177,472	1/2	169,358	1/2	161,233	1/2	153,107	1/2	143,109	1/2	128,075	1/2	112,989	1/2	97,884
3/4		3/4	185,297	3/4	177,303	3/4	169,189	3/4	161,064	3/4	152,938	3/4	142,796	3/4	127,760	3/4	112,675	3/4	97,569
3		3	185,156	3	177,135	3	169,020	3	160,894	3	152,769	3	142,483	3	127,446	3	112,360	3	97,254
1/4		1/4	185,015	1/4	176,966	1/4	168,850	1/4	160,725	1/4	152,600	1/4	142,169	1/4	127,132	1/4	112,046	1/4	96,940
1/2		1/2	184,850	1/2	176,797	1/2	168,681	1/2	160,556	1/2	152,430	1/2	141,856	1/2	126,818	1/2	111,731	1/2	96,625
3/4		3/4	184,684	3/4	176,629	3/4	168,512	3/4	160,386	3/4	152,261	3/4	141,543	3/4	126,504	3/4	111,416	3/4	96,310
4		4	184,519	4	176,460	4	168,342	4	160,217	4	152,092	4	141,229	4	126,190	4	111,102	4	95,996
1/4		1/4	184,353	1/4	176,291	1/4	168,173	1/4	160,048	1/4	151,922	1/4	140,916	1/4	125,876	1/4	110,787	1/4	95,681
1/2		1/2	184,186	1/2	176,123	1/2	168,004	1/2	159,879	1/2	151,753	1/2	140,603	1/2	125,562	1/2	110,472	1/2	95,366
3/4		3/4	184,020	3/4	175,954	3/4	167,835	3/4	159,709	3/4	151,584	3/4	140,289	3/4	125,247	3/4	110,158	3/4	95,051
5		5	183,853	5	175,785	5	167,665	5	159,540	5	151,415	5	139,976	5	124,933	5	109,843	5	94,737
1/4		1/4	183,687	1/4	175,617	1/4	167,496	1/4	159,371	1/4	151,245	1/4	139,663	1/4	124,619	1/4	109,528	1/4	94,422
1/2		1/2	183,520	1/2	175,448	1/2	167,327	1/2	159,201	1/2	151,076	1/2	139,350	1/2	124,305	1/2	109,214	1/2	94,107
3/4		3/4	183,353	3/4	175,279	3/4	167,158	3/4	159,032	3/4	150,907	3/4	139,037	3/4	123,991	3/4	108,899	3/4	93,792
6		6	183,186	6	175,111	6	166,988	6	158,863	6	150,738	6	138,724	6	123,677	6	108,584	6	93,478
1/4		1/4	183,019	1/4	174,942	1/4	166,819	1/4	158,694	1/4	150,568	1/4	138,412	1/4	123,363	1/4	108,269	1/4	93,163
1/2		1/2	182,852	1/2	174,773	1/2	166,650	1/2	158,524	1/2	150,399	1/2	138,099	1/2	123,049	1/2	107,955	1/2	92,848
3/4		3/4	182,684	3/4	174,605	3/4	166,480	3/4	158,355	3/4	150,230	3/4	137,786	3/4	122,734	3/4	107,640	3/4	92,534
7		7	182,517	7	174,436	7	166,311	7	158,186	7	150,060	7	137,474	7	122,420	7	107,325	7	92,219
1/4		1/4	182,350	1/4	174,267	1/4	166,142	1/4	158,016	1/4	149,891	1/4	137,161	1/4	122,106	1/4	107,011	1/4	91,904
1/2		1/2	182,183	1/2	174,098	1/2	165,973	1/2	157,847	1/2	149,722	1/2	136,848	1/2	121,792	1/2	106,696	1/2	91,589
3/4		3/4	182,016	3/4	173,929	3/4	165,803	3/4	157,678	3/4	149,553	3/4	136,536	3/4	121,478	3/4	106,381	3/4	91,275
8		8	181,849	8	173,759	8	165,634	8	157,509	8	149,383	8	136,223	8	121,164	8	106,066	8	90,960
1/4		1/4	181,682	1/4	173,590	1/4	165,465	1/4	157,339	1/4	149,214	1/4	135,910	1/4	120,850	1/4	105,752	1/4	90,645
1/2		1/2	181,515	1/2	173,421	1/2	165,295	1/2	157,170	1/2	149,045	1/2	135,598	1/2	120,536	1/2	105,437	1/2	90,331
3/4		3/4	181,348	3/4	173,252	3/4	165,126	3/4	157,001	3/4	148,875	3/4	135,285	3/4	120,222	3/4	105,122	3/4	90,016
9		9	181,181	9	173,082	9	164,957	9	156,832	9	148,706	9	134,972	9	119,907	9	104,808	9	89,701
1/4		1/4	181,014	1/4	172,913	1/4	164,788	1/4	156,662	1/4	148,537	1/4	134,660	1/4	119,593	1/4	104,493	1/4	89,386
1/2		1/2	180,845	1/2	172,744	1/2	164,618	1/2	156,493	1/2	148,368	1/2	134,347	1/2	119,279	1/2	104,178	1/2	89,072
3/4		3/4	180,677	3/4	172,574	3/4	164,449	3/4	156,324	3/4	148,198	3/4	134,034	3/4	118,965	3/4	103,863	3/4	88,757
10		10	180,508	10	172,405	10	164,280	10	156,154	10	148,029	10	133,722	10	118,651	10	103,549	10	88,442
1/4		1/4	180,339	1/4	172,236	1/4	164,111	1/4	155,985	1/4	147,860	1/4	133,409	1/4	118,337	1/4	103,234	1/4	88,128
1/2		1/2	180,171	1/2	172,067	1/2	163,941	1/2	155,816	1/2	147,690	1/2	133,096	1/2	118,023	1/2	102,919	1/2	87,813
3/4		3/4	180,002	3/4	171,897	3/4	163,772	3/4	155,647	3/4	147,521	3/4	132,783	3/4	117,709	3/4	102,605	3/4	87,498
11		11	179,833	11	171,728	11	163,603	11	155,477	11	147,352	11	132,471	11	117,394	11	102,290	11	87,183
1/4		1/4	179,665	1/4	171,559	1/4	163,433	1/4	155,308	1/4	147,183	1/4	132,158	1/4	117,080	1/4	101,975	1/4	86,869
1/2		1/2	179,496	1/2	171,390	1/2	163,264	1/2	155,139	1/2	146,869	1/2	131,844	1/2	116,766	1/2	101,660	1/2	86,554
3/4		3/4	179,327	3/4	171,220	3/4	163,095	3/4	154,969	3/4	146,556	3/4	131,530	3/4	116,451	3/4	101,346	3/4	86,239

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 372"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,925	0	70,815	0	55,705	0	40,608	0	25,501	0	10,392	0		0		0		0	
1/4	85,610	1/4	70,500	1/4	55,390	1/4	40,293	1/4	25,186	1/4	10,077	1/4		1/4		1/4		1/4	
1/2	85,295	1/2	70,185	1/2	55,075	1/2	39,979	1/2	24,872	1/2	9,762	1/2		1/2		1/2		1/2	
3/4	84,980	3/4	69,870	3/4	54,760	3/4	39,664	3/4	24,557	3/4	9,448	3/4		3/4		3/4		3/4	
1	84,666	1	69,556	1	54,446	1	39,350	1	24,242	1	9,133	1		1		1		1	
1/4	84,351	1/4	69,241	1/4	54,131	1/4	39,036	1/4	23,927	1/4	8,818	1/4		1/4		1/4		1/4	
1/2	84,036	1/2	68,926	1/2	53,816	1/2	38,721	1/2	23,613	1/2	8,503	1/2		1/2		1/2		1/2	
3/4	83,721	3/4	68,611	3/4	53,501	3/4	38,407	3/4	23,298	3/4	8,188	3/4		3/4		3/4		3/4	
2	83,406	2	68,296	2	53,186	2	38,092	2	22,983	2	7,874	2		2		2		2	
1/4	83,092	1/4	67,982	1/4	52,872	1/4	37,778	1/4	22,668	1/4	7,559	1/4		1/4		1/4		1/4	
1/2	82,777	1/2	67,667	1/2	52,557	1/2	37,463	1/2	22,353	1/2	7,244	1/2		1/2		1/2		1/2	
3/4	82,462	3/4	67,352	3/4	52,242	3/4	37,148	3/4	22,039	3/4	6,929	3/4		3/4		3/4		3/4	
3	82,147	3	67,037	3	51,927	3	36,833	3	21,724	3	6,615	3		3		3		3	
1/4	81,832	1/4	66,722	1/4	51,612	1/4	36,518	1/4	21,409	1/4	6,300	1/4		1/4		1/4		1/4	
1/2	81,518	1/2	66,408	1/2	51,298	1/2	36,204	1/2	21,094	1/2	5,986	1/2		1/2		1/2		1/2	
3/4	81,203	3/4	66,093	3/4	50,983	3/4	35,889	3/4	20,780	3/4	5,671	3/4		3/4		3/4		3/4	
4	80,888	4	65,778	4	50,668	4	35,574	4	20,465	4	5,357	4		4		4		4	
1/4	80,573	1/4	65,463	1/4	50,354	1/4	35,259	1/4	20,150	1/4	5,043	1/4		1/4		1/4		1/4	
1/2	80,258	1/2	65,148	1/2	50,039	1/2	34,945	1/2	19,835	1/2	4,729	1/2		1/2		1/2		1/2	
3/4	79,944	3/4	64,834	3/4	49,725	3/4	34,630	3/4	19,520	3/4	4,416	3/4		3/4		3/4		3/4	
5	79,629	5	64,519	5	49,411	5	34,315	5	19,206	5	4,103	5		5		5		5	
1/4	79,314	1/4	64,204	1/4	49,096	1/4	34,000	1/4	18,891	1/4	3,789	1/4		1/4		1/4		1/4	
1/2	78,999	1/2	63,889	1/2	48,782	1/2	33,685	1/2	18,576	1/2	3,501	1/2		1/2		1/2		1/2	
3/4	78,684	3/4	63,575	3/4	48,467	3/4	33,371	3/4	18,261	3/4	3,213	3/4		3/4		3/4		3/4	
6	78,370	6	63,260	6	48,153	6	33,056	6	17,947	6	2,924	6		6		6		6	
1/4	78,055	1/4	62,945	1/4	47,839	1/4	32,741	1/4	17,632	1/4	2,636	1/4		1/4		1/4		1/4	
1/2	77,740	1/2	62,630	1/2	47,524	1/2	32,426	1/2	17,317	1/2	2,400	1/2		1/2		1/2		1/2	
3/4	77,425	3/4	62,315	3/4	47,210	3/4	32,112	3/4	17,002	3/4	2,164	3/4		3/4		3/4		3/4	
7	77,111	7	62,001	7	46,895	7	31,797	7	16,687	7	1,927	7		7		7		7	
1/4	76,796	1/4	61,686	1/4	46,581	1/4	31,482	1/4	16,373	1/4	1,691	1/4		1/4		1/4		1/4	
1/2	76,481	1/2	61,371	1/2	46,267	1/2	31,167	1/2	16,058	1/2	1,508	1/2		1/2		1/2		1/2	
3/4	76,166	3/4	61,056	3/4	45,952	3/4	30,852	3/4	15,743	3/4	1,324	3/4		3/4		3/4		3/4	
8	75,851	8	60,741	8	45,638	8	30,538	8	15,428	8	1,141	8		8		8		8	
1/4	75,537	1/4	60,427	1/4	45,324	1/4	30,223	1/4	15,114	1/4	957	1/4		1/4		1/4		1/4	
1/2	75,222	1/2	60,112	1/2	45,009	1/2	29,908	1/2	14,799	1/2		1/2		1/2		1/2		1/2	
3/4	74,907	3/4	59,797	3/4	44,695	3/4	29,593	3/4	14,484	3/4		3/4		3/4		3/4		3/4	
9	74,592	9	59,482	9	44,380	9	29,279	9	14,169	9		9		9		9		9	
1/4	74,277	1/4	59,167	1/4	44,066	1/4	28,964	1/4	13,854	1/4		1/4		1/4		1/4		1/4	
1/2	73,963	1/2	58,853	1/2	43,752	1/2	28,649	1/2	13,540	1/2		1/2		1/2		1/2		1/2	
3/4	73,648	3/4	58,538	3/4	43,437	3/4	28,334	3/4	13,225	3/4		3/4		3/4		3/4		3/4	
10	73,333	10	58,223	10	43,123	10	28,019	10	12,910	10		10		10		10		10	
1/4	73,018	1/4	57,908	1/4	42,808	1/4	27,705	1/4	12,595	1/4		1/4		1/4		1/4		1/4	
1/2	72,703	1/2	57,594	1/2	42,494	1/2	27,390	1/2	12,281	1/2		1/2		1/2		1/2		1/2	
3/4	72,389	3/4	57,279	3/4	42,180	3/4	27,075	3/4	11,966	3/4		3/4		3/4		3/4		3/4	
11	72,074	11	56,964	11	41,865	11	26,760	11	11,651	11		11		11		11		11	
1/4	71,759	1/4	56,649	1/4	41,551	1/4	26,446	1/4	11,336	1/4		1/4		1/4		1/4		1/4	
1/2	71,444	1/2	56,334	1/2	41,236	1/2	26,131	1/2	11,021	1/2		1/2		1/2		1/2		1/2	
3/4	71,130	3/4	56,020	3/4	40,922	3/4	25,816	3/4	10,707	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2012 CL SW
CALCULATED: 12/06/2012 CL
PRINTED: 12/06/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 372"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	178,016	0	169,937	0	161,840	0	153,743	0	145,213	0	130,215	0	115,171	0	100,094		
1/4	1/4	184,908	1/4	177,848	1/4	169,768	1/4	161,671	1/4	153,574	1/4	144,900	1/4	129,901	1/4	114,857	1/4	99,780	1/4		
1/2	1/2	184,872	1/2	177,680	1/2	169,599	1/2	161,502	1/2	153,405	1/2	144,588	1/2	129,587	1/2	114,542	1/2	99,465	1/2		
3/4	3/4	184,836	3/4	177,512	3/4	169,431	3/4	161,334	3/4	153,236	3/4	144,275	3/4	129,274	3/4	114,228	3/4	99,151	3/4		
1		184,800	1	177,344	1	169,262	1	161,165	1	153,068	1	143,962	1	128,960	1	113,914	1	98,837	1		
1/4	1/4	184,764	1/4	177,176	1/4	169,093	1/4	160,996	1/4	152,899	1/4	143,649	1/4	128,647	1/4	113,600	1/4	98,523	1/4		
1/2	1/2	184,677	1/2	177,008	1/2	168,925	1/2	160,828	1/2	152,730	1/2	143,337	1/2	128,334	1/2	113,286	1/2	98,209	1/2		
3/4	3/4	184,589	3/4	176,840	3/4	168,756	3/4	160,659	3/4	152,562	3/4	143,024	3/4	128,020	3/4	112,972	3/4	97,895	3/4		
2		184,501	2	176,672	2	168,587	2	160,490	2	152,393	2	142,711	2	127,707	2	112,658	2	97,581	2		
1/4	1/4	184,413	1/4	176,504	1/4	168,419	1/4	160,321	1/4	152,224	1/4	142,398	1/4	127,394	1/4	112,344	1/4	97,267	1/4		
1/2	1/2	184,273	1/2	176,335	1/2	168,250	1/2	160,153	1/2	152,056	1/2	142,086	1/2	127,081	1/2	112,030	1/2	96,952	1/2		
3/4	3/4	184,133	3/4	176,167	3/4	168,081	3/4	159,984	3/4	151,887	3/4	141,773	3/4	126,768	3/4	111,716	3/4	96,638	3/4		
3		183,993	3	175,999	3	167,913	3	159,815	3	151,718	3	141,460	3	126,454	3	111,402	3	96,324	3		
1/4	1/4	183,852	1/4	175,831	1/4	167,744	1/4	159,647	1/4	151,550	1/4	141,147	1/4	126,141	1/4	111,088	1/4	96,010	1/4		
1/2	1/2	183,687	1/2	175,663	1/2	167,575	1/2	159,478	1/2	151,381	1/2	140,835	1/2	125,828	1/2	110,774	1/2	95,696	1/2		
3/4	3/4	183,522	3/4	175,495	3/4	167,406	3/4	159,309	3/4	151,212	3/4	140,522	3/4	125,515	3/4	110,460	3/4	95,382	3/4		
4		183,357	4	175,327	4	167,238	4	159,141	4	151,043	4	140,209	4	125,201	4	110,146	4	95,068	4		
1/4	1/4	183,192	1/4	175,159	1/4	167,069	1/4	158,972	1/4	150,875	1/4	139,896	1/4	124,888	1/4	109,831	1/4	94,754	1/4		
1/2	1/2	183,026	1/2	174,991	1/2	166,900	1/2	158,803	1/2	150,706	1/2	139,584	1/2	124,575	1/2	109,517	1/2	94,439	1/2		
3/4	3/4	182,860	3/4	174,823	3/4	166,732	3/4	158,635	3/4	150,537	3/4	139,271	3/4	124,262	3/4	109,203	3/4	94,125	3/4		
5		182,694	5	174,655	5	166,563	5	158,466	5	150,369	5	138,958	5	123,949	5	108,889	5	93,811	5		
1/4	1/4	182,528	1/4	174,487	1/4	166,394	1/4	158,297	1/4	150,200	1/4	138,645	1/4	123,635	1/4	108,575	1/4	93,497	1/4		
1/2	1/2	182,362	1/2	174,318	1/2	166,226	1/2	158,128	1/2	150,031	1/2	138,333	1/2	123,322	1/2	108,261	1/2	93,183	1/2		
3/4	3/4	182,196	3/4	174,150	3/4	166,057	3/4	157,960	3/4	149,863	3/4	138,021	3/4	123,009	3/4	107,947	3/4	92,869	3/4		
6		182,029	6	173,982	6	165,888	6	157,791	6	149,694	6	137,709	6	122,696	6	107,633	6	92,555	6		
1/4	1/4	181,863	1/4	173,814	1/4	165,720	1/4	157,622	1/4	149,525	1/4	137,397	1/4	122,383	1/4	107,319	1/4	92,241	1/4		
1/2	1/2	181,696	1/2	173,646	1/2	165,551	1/2	157,454	1/2	149,357	1/2	137,085	1/2	122,069	1/2	107,005	1/2	91,926	1/2		
3/4	3/4	181,530	3/4	173,478	3/4	165,382	3/4	157,285	3/4	149,188	3/4	136,773	3/4	121,756	3/4	106,690	3/4	91,612	3/4		
7		181,363	7	173,310	7	165,213	7	157,116	7	149,019	7	136,461	7	121,443	7	106,376	7	91,298	7		
1/4	1/4	181,197	1/4	173,142	1/4	165,045	1/4	156,948	1/4	148,850	1/4	136,149	1/4	121,130	1/4	106,062	1/4	90,984	1/4		
1/2	1/2	181,030	1/2	172,973	1/2	164,876	1/2	156,779	1/2	148,682	1/2	135,837	1/2	120,816	1/2	105,748	1/2	90,670	1/2		
3/4	3/4	180,864	3/4	172,805	3/4	164,707	3/4	156,610	3/4	148,513	3/4	135,524	3/4	120,503	3/4	105,434	3/4	90,356	3/4		
8		180,697	8	172,636	8	164,539	8	156,442	8	148,344	8	135,212	8	120,189	8	105,120	8	90,042	8		
1/4	1/4	180,531	1/4	172,467	1/4	164,370	1/4	156,273	1/4	148,176	1/4	134,900	1/4	119,876	1/4	104,806	1/4	89,728	1/4		
1/2	1/2	180,365	1/2	172,298	1/2	164,201	1/2	156,104	1/2	148,007	1/2	134,588	1/2	119,562	1/2	104,492	1/2	89,413	1/2		
3/4	3/4	180,198	3/4	172,130	3/4	164,033	3/4	155,935	3/4	147,838	3/4	134,276	3/4	119,248	3/4	104,177	3/4	89,099	3/4		
9		180,032	9	171,961	9	163,864	9	155,767	9	147,670	9	133,964	9	118,935	9	103,863	9	88,785	9		
1/4	1/4	179,865	1/4	171,792	1/4	163,695	1/4	155,598	1/4	147,501	1/4	133,652	1/4	118,621	1/4	103,549	1/4	88,471	1/4		
1/2	1/2	179,697	1/2	171,624	1/2	163,527	1/2	155,429	1/2	147,332	1/2	133,340	1/2	118,308	1/2	103,235	1/2	88,157	1/2		
3/4	3/4	179,529	3/4	171,455	3/4	163,358	3/4	155,261	3/4	147,164	3/4	133,028	3/4	117,994	3/4	102,921	3/4	87,843	3/4		
10		179,361	10	171,286	10	163,189	10	155,092	10	146,995	10	132,716	10	117,681	10	102,607	10	87,529	10		
1/4	1/4	179,193	1/4	171,118	1/4	163,020	1/4	154,923	1/4	146,826	1/4	132,404	1/4	117,367	1/4	102,293	1/4	87,215	1/4		
1/2	1/2	179,025	1/2	170,949	1/2	162,852	1/2	154,755	1/2	146,657	1/2	132,091	1/2	117,054	1/2	101,978	1/2	86,900	1/2		
3/4	3/4	178,857	3/4	170,780	3/4	162,683	3/4	154,586	3/4	146,489	3/4	131,779	3/4	116,740	3/4	101,664	3/4	86,586	3/4		
11		178,689	11	170,612	11	162,514	11	154,417	11	146,320	11	131,467	11	116,427	11	101,350	11	86,272	11		
1/4	1/4	178,520	1/4	170,443	1/4	162,346	1/4	154,249	1/4	146,151	1/4	131,155	1/4	116,113	1/4	101,036	1/4	85,958	1/4		
1/2	1/2	178,352	1/2	170,274	1/2	162,177	1/2	154,080	1/2	145,939	1/2	130,842	1/2	115,799	1/2	100,722	1/2	85,644	1/2		
3/4	3/4	178,184	3/4	170,106	3/4	162,008	3/4	153,911	3/4	145,526	3/4	130,528	3/4	115,485	3/4	100,408	3/4	85,330	3/4		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO 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
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BARGE "CBC 372"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,016	0	69,934	0	54,912	0	40,269	0	25,463	0	10,377	0		0		0		0	
1/4	84,701	1/4	69,620	1/4	54,600	1/4	39,969	1/4	25,149	1/4	10,063	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,387	1/2	69,306	1/2	54,289	1/2	39,669	1/2	24,834	1/2	9,748	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,073	3/4	68,991	3/4	53,977	3/4	39,369	3/4	24,520	3/4	9,434	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	83,759	1	68,677	1	53,665	1	39,069	1	24,206	1	9,120	1	1	1	1	1	1	1	1
1/4	83,445	1/4	68,363	1/4	53,354	1/4	38,769	1/4	23,891	1/4	8,806	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,130	1/2	68,049	1/2	53,042	1/2	38,468	1/2	23,577	1/2	8,491	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,816	3/4	67,735	3/4	52,731	3/4	38,168	3/4	23,263	3/4	8,177	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	82,502	2	67,420	2	52,419	2	37,868	2	22,949	2	7,863	2	2	2	2	2	2	2	2
1/4	82,188	1/4	67,106	1/4	52,107	1/4	37,568	1/4	22,634	1/4	7,548	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,874	1/2	66,792	1/2	51,796	1/2	37,267	1/2	22,320	1/2	7,234	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,559	3/4	66,478	3/4	51,486	3/4	36,965	3/4	22,006	3/4	6,920	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,245	3	66,164	3	51,175	3	36,664	3	21,691	3	6,606	3	3	3	3	3	3	3	3
1/4	80,931	1/4	65,849	1/4	50,864	1/4	36,363	1/4	21,377	1/4	6,291	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,617	1/2	65,535	1/2	50,553	1/2	36,062	1/2	21,063	1/2	5,977	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,303	3/4	65,221	3/4	50,242	3/4	35,761	3/4	20,749	3/4	5,663	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	79,988	4	64,907	4	49,931	4	35,459	4	20,434	4	5,349	4	4	4	4	4	4	4	4
1/4	79,674	1/4	64,593	1/4	49,621	1/4	35,158	1/4	20,120	1/4	5,035	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,360	1/2	64,278	1/2	49,308	1/2	34,856	1/2	19,806	1/2	4,722	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,046	3/4	63,964	3/4	48,996	3/4	34,553	3/4	19,491	3/4	4,409	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	78,732	5	63,650	5	48,684	5	34,251	5	19,177	5	4,097	5	5	5	5	5	5	5	5
1/4	78,417	1/4	63,336	1/4	48,372	1/4	33,949	1/4	18,863	1/4	3,784	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,103	1/2	63,021	1/2	48,072	1/2	33,634	1/2	18,549	1/2	3,496	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,789	3/4	62,707	3/4	47,772	3/4	33,320	3/4	18,234	3/4	3,209	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	77,475	6	62,393	6	47,472	6	33,006	6	17,920	6	2,921	6	6	6	6	6	6	6	6
1/4	77,161	1/4	62,079	1/4	47,172	1/4	32,692	1/4	17,606	1/4	2,634	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,846	1/2	61,767	1/2	46,872	1/2	32,377	1/2	17,291	1/2	2,398	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,532	3/4	61,456	3/4	46,572	3/4	32,063	3/4	16,977	3/4	2,162	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	76,218	7	61,144	7	46,272	7	31,749	7	16,663	7	1,927	7	7	7	7	7	7	7	7
1/4	75,904	1/4	60,832	1/4	45,971	1/4	31,434	1/4	16,349	1/4	1,691	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,590	1/2	60,521	1/2	45,671	1/2	31,120	1/2	16,034	1/2	1,508	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,275	3/4	60,209	3/4	45,371	3/4	30,806	3/4	15,720	3/4	1,324	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	74,961	8	59,898	8	45,071	8	30,492	8	15,406	8	1,141	8	8	8	8	8	8	8	8
1/4	74,647	1/4	59,586	1/4	44,771	1/4	30,177	1/4	15,091	1/4	957	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,333	1/2	59,274	1/2	44,471	1/2	29,863	1/2	14,777	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,019	3/4	58,963	3/4	44,171	3/4	29,549	3/4	14,463	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	73,704	9	58,651	9	43,871	9	29,234	9	14,149	9		9	9	9	9	9	9	9	9
1/4	73,390	1/4	58,340	1/4	43,571	1/4	28,920	1/4	13,834	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,076	1/2	58,028	1/2	43,270	1/2	28,606	1/2	13,520	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,762	3/4	57,716	3/4	42,970	3/4	28,292	3/4	13,206	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	72,448	10	57,405	10	42,670	10	27,977	10	12,891	10		10	10	10	10	10	10	10	10
1/4	72,133	1/4	57,093	1/4	42,370	1/4	27,663	1/4	12,577	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,819	1/2	56,782	1/2	42,070	1/2	27,349	1/2	12,263	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,505	3/4	56,470	3/4	41,770	3/4	27,034	3/4	11,948	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	71,191	11	56,158	11	41,470	11	26,720	11	11,634	11		11	11	11	11	11	11	11	11
1/4	70,877	1/4	55,847	1/4	41,170	1/4	26,406	1/4	11,320	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,562	1/2	55,535	1/2	40,869	1/2	26,091	1/2	11,006	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,248	3/4	55,223	3/4	40,569	3/4	25,777	3/4	10,691	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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