



BARGE "CBC 308"

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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(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 4'-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: 238'-03"

December 18, 2012

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 308"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	585	0	13,237	0	28,420	0	44,047	0	59,749	0	75,467	0	91,185	0	106,903	0	122,621	0	138,337
1/4	720	1/4	13,538	1/4	28,748	1/4	44,372	1/4	60,077	1/4	75,795	1/4	91,513	1/4	107,230	1/4	122,948	1/4	138,665
1/2	854	1/2	13,839	1/2	29,075	1/2	44,696	1/2	60,404	1/2	76,122	1/2	91,840	1/2	107,558	1/2	123,276	1/2	138,992
3/4	989	3/4	14,140	3/4	29,403	3/4	45,021	3/4	60,732	3/4	76,450	3/4	92,168	3/4	107,885	3/4	123,603	3/4	139,319
1	1,124	1	14,441	1	29,730	1	45,346	1	61,059	1	76,777	1	92,495	1	108,213	1	123,931	1	139,647
1/4	1,336	1/4	14,745	1/4	30,058	1/4	45,673	1/4	61,387	1/4	77,105	1/4	92,822	1/4	108,540	1/4	124,258	1/4	139,974
1/2	1,549	1/2	15,050	1/2	30,385	1/2	45,999	1/2	61,714	1/2	77,432	1/2	93,150	1/2	108,868	1/2	124,586	1/2	140,301
3/4	1,761	3/4	15,354	3/4	30,713	3/4	46,326	3/4	62,042	3/4	77,760	3/4	93,477	3/4	109,195	3/4	124,913	3/4	140,629
2	1,973	2	15,658	2	31,040	2	46,653	2	62,369	2	78,087	2	93,805	2	109,523	2	125,241	2	140,956
1/4	2,234	1/4	15,966	1/4	31,367	1/4	46,980	1/4	62,697	1/4	78,414	1/4	94,132	1/4	109,850	1/4	125,568	1/4	141,284
1/2	2,494	1/2	16,274	1/2	31,695	1/2	47,307	1/2	63,024	1/2	78,742	1/2	94,460	1/2	110,178	1/2	125,895	1/2	141,611
3/4	2,755	3/4	16,582	3/4	32,022	3/4	47,634	3/4	63,351	3/4	79,069	3/4	94,787	3/4	110,505	3/4	126,223	3/4	141,938
3	3,015	3	16,890	3	32,350	3	47,961	3	63,679	3	79,397	3	95,115	3	110,832	3	126,550	3	142,266
1/4	3,285	1/4	17,201	1/4	32,675	1/4	48,289	1/4	64,006	1/4	79,724	1/4	95,442	1/4	111,160	1/4	126,878	1/4	142,593
1/2	3,555	1/2	17,512	1/2	33,001	1/2	48,616	1/2	64,334	1/2	80,052	1/2	95,770	1/2	111,487	1/2	127,205	1/2	142,920
3/4	3,825	3/4	17,824	3/4	33,327	3/4	48,944	3/4	64,661	3/4	80,379	3/4	96,097	3/4	111,815	3/4	127,533	3/4	143,248
4	4,094	4	18,135	4	33,653	4	49,271	4	64,989	4	80,707	4	96,424	4	112,142	4	127,860	4	143,575
1/4	4,368	1/4	18,450	1/4	33,978	1/4	49,598	1/4	65,316	1/4	81,034	1/4	96,752	1/4	112,470	1/4	128,188	1/4	143,903
1/2	4,642	1/2	18,764	1/2	34,303	1/2	49,926	1/2	65,644	1/2	81,362	1/2	97,079	1/2	112,797	1/2	128,515	1/2	144,230
3/4	4,915	3/4	19,079	3/4	34,629	3/4	50,253	3/4	65,971	3/4	81,689	3/4	97,407	3/4	113,125	3/4	128,843	3/4	144,557
5	5,189	5	19,394	5	34,954	5	50,581	5	66,299	5	82,016	5	97,734	5	113,452	5	129,170	5	144,885
1/4	5,466	1/4	19,712	1/4	35,279	1/4	50,908	1/4	66,626	1/4	82,344	1/4	98,062	1/4	113,780	1/4	129,497	1/4	145,212
1/2	5,744	1/2	20,030	1/2	35,604	1/2	51,236	1/2	66,953	1/2	82,671	1/2	98,389	1/2	114,107	1/2	129,825	1/2	145,540
3/4	6,021	3/4	20,348	3/4	35,929	3/4	51,563	3/4	67,281	3/4	82,999	3/4	98,717	3/4	114,434	3/4	130,152	3/4	145,867
6	6,298	6	20,666	6	36,254	6	51,891	6	67,608	6	83,326	6	99,044	6	114,762	6	130,480	6	146,194
1/4	6,578	1/4	20,987	1/4	36,578	1/4	52,218	1/4	67,936	1/4	83,654	1/4	99,372	1/4	115,089	1/4	130,807	1/4	146,522
1/2	6,859	1/2	21,309	1/2	36,903	1/2	52,545	1/2	68,263	1/2	83,981	1/2	99,699	1/2	115,417	1/2	131,135	1/2	146,849
3/4	7,140	3/4	21,630	3/4	37,228	3/4	52,873	3/4	68,591	3/4	84,309	3/4	100,026	3/4	115,744	3/4	131,462	3/4	147,176
7	7,420	7	21,952	7	37,552	7	53,200	7	68,918	7	84,636	7	100,354	7	116,072	7	131,790	7	147,504
1/4	7,704	1/4	22,269	1/4	37,877	1/4	53,528	1/4	69,246	1/4	84,964	1/4	100,681	1/4	116,399	1/4	132,117	1/4	147,831
1/2	7,988	1/2	22,586	1/2	38,202	1/2	53,855	1/2	69,573	1/2	85,291	1/2	101,009	1/2	116,727	1/2	132,444	1/2	148,159
3/4	8,272	3/4	22,904	3/4	38,527	3/4	54,183	3/4	69,901	3/4	85,618	3/4	101,336	3/4	117,054	3/4	132,772	3/4	148,486
8	8,556	8	23,221	8	38,851	8	54,510	8	70,228	8	85,946	8	101,664	8	117,382	8	133,099	8	148,813
1/4	8,844	1/4	23,540	1/4	39,176	1/4	54,838	1/4	70,555	1/4	86,273	1/4	101,991	1/4	117,709	1/4	133,427	1/4	149,141
1/2	9,131	1/2	23,858	1/2	39,501	1/2	55,165	1/2	70,883	1/2	86,601	1/2	102,319	1/2	118,036	1/2	133,754	1/2	149,468
3/4	9,418	3/4	24,177	3/4	39,826	3/4	55,493	3/4	71,210	3/4	86,928	3/4	102,646	3/4	118,364	3/4	134,081	3/4	149,795
9	9,706	9	24,495	9	40,150	9	55,820	9	71,538	9	87,256	9	102,974	9	118,691	9	134,409	9	150,123
1/4	9,997	1/4	24,822	1/4	40,475	1/4	56,147	1/4	71,865	1/4	87,583	1/4	103,301	1/4	119,019	1/4	134,736	1/4	150,450
1/2	10,287	1/2	25,148	1/2	40,800	1/2	56,475	1/2	72,193	1/2	87,911	1/2	103,628	1/2	119,346	1/2	135,063	1/2	150,778
3/4	10,578	3/4	25,474	3/4	41,124	3/4	56,802	3/4	72,520	3/4	88,238	3/4	103,956	3/4	119,674	3/4	135,391	3/4	151,105
10	10,869	10	25,801	10	41,449	10	57,130	10	72,848	10	88,566	10	104,283	10	120,001	10	135,718	10	151,432
1/4	11,163	1/4	26,128	1/4	41,774	1/4	57,457	1/4	73,175	1/4	88,893	1/4	104,611	1/4	120,329	1/4	136,046	1/4	151,760
1/2	11,458	1/2	26,456	1/2	42,099	1/2	57,785	1/2	73,503	1/2	89,220	1/2	104,938	1/2	120,656	1/2	136,373	1/2	152,087
3/4	11,752	3/4	26,783	3/4	42,423	3/4	58,112	3/4	73,830	3/4	89,548	3/4	105,266	3/4	120,984	3/4	136,700	3/4	152,414
11	12,046	11	27,111	11	42,748	11	58,440	11	74,158	11	89,875	11	105,593	11	121,311	11	137,028	11	152,742
1/4	12,344	1/4	27,438	1/4	43,073	1/4	58,767	1/4	74,485	1/4	90,203	1/4	105,921	1/4	121,639	1/4	137,355	1/4	153,069
1/2	12,641	1/2	27,766	1/2	43,398	1/2	59,095	1/2	74,812	1/2	90,530	1/2	106,248	1/2	121,966	1/2	137,682	1/2	153,397
3/4	12,939	3/4	28,093	3/4	43,722	3/4	59,422	3/4	75,140	3/4	90,858	3/4	106,576	3/4	122,293	3/4	138,010	3/4	153,724

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 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 308"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	154,051	0	169,765	0	185,407	0	201,034	0	216,572	0		0		0		0		0	
1/4	154,379	1/4	170,093	1/4	185,733	1/4	201,359	1/4	216,886	1/4		1/4		1/4		1/4		1/4	
1/2	154,706	1/2	170,420	1/2	186,059	1/2	201,685	1/2	217,200	1/2		1/2		1/2		1/2		1/2	
3/4	155,033	3/4	170,748	3/4	186,384	3/4	202,011	3/4	217,513	3/4		3/4		3/4		3/4		3/4	
1	155,361	1	171,075	1	186,710	1	202,336	1	217,827	1		1		1		1		1	
1/4	155,688	1/4	171,402	1/4	187,035	1/4	202,662	1/4	218,100	1/4		1/4		1/4		1/4		1/4	
1/2	156,016	1/2	171,730	1/2	187,361	1/2	202,987	1/2	218,373	1/2		1/2		1/2		1/2		1/2	
3/4	156,343	3/4	172,057	3/4	187,686	3/4	203,313	3/4	218,647	3/4		3/4		3/4		3/4		3/4	
2	156,670	2	172,384	2	188,012	2	203,638	2	218,920	2		2		2		2		2	
1/4	156,998	1/4	172,710	1/4	188,337	1/4	203,964	1/4	219,140	1/4		1/4		1/4		1/4		1/4	
1/2	157,325	1/2	173,036	1/2	188,663	1/2	204,289	1/2	219,360	1/2		1/2		1/2		1/2		1/2	
3/4	157,652	3/4	173,362	3/4	188,988	3/4	204,615	3/4	219,579	3/4		3/4		3/4		3/4		3/4	
3	157,980	3	173,688	3	189,314	3	204,940	3	219,799	3		3		3		3		3	
1/4	158,307	1/4	174,013	1/4	189,640	1/4	205,266	1/4	219,964	1/4		1/4		1/4		1/4		1/4	
1/2	158,635	1/2	174,339	1/2	189,965	1/2	205,592	1/2	220,130	1/2		1/2		1/2		1/2		1/2	
3/4	158,962	3/4	174,664	3/4	190,291	3/4	205,917	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,289	4	174,990	4	190,616	4	206,243	4		4		4		4		4		4	
1/4	159,617	1/4	175,315	1/4	190,942	1/4	206,568	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,944	1/2	175,641	1/2	191,267	1/2	206,894	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,271	3/4	175,966	3/4	191,593	3/4	207,219	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,599	5	176,292	5	191,918	5	207,545	5		5		5		5		5		5	
1/4	160,926	1/4	176,618	1/4	192,244	1/4	207,870	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,254	1/2	176,943	1/2	192,570	1/2	208,196	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,581	3/4	177,269	3/4	192,895	3/4	208,522	3/4		3/4		3/4		3/4		3/4		3/4	
6	161,908	6	177,594	6	193,221	6	208,847	6		6		6		6		6		6	
1/4	162,236	1/4	177,920	1/4	193,546	1/4	209,173	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,563	1/2	178,245	1/2	193,872	1/2	209,498	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,891	3/4	178,571	3/4	194,197	3/4	209,824	3/4		3/4		3/4		3/4		3/4		3/4	
7	163,218	7	178,896	7	194,523	7	210,149	7		7		7		7		7		7	
1/4	163,545	1/4	179,222	1/4	194,848	1/4	210,472	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,873	1/2	179,547	1/2	195,174	1/2	210,794	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,200	3/4	179,873	3/4	195,500	3/4	211,117	3/4		3/4		3/4		3/4		3/4		3/4	
8	164,527	8	180,199	8	195,825	8	211,439	8		8		8		8		8		8	
1/4	164,855	1/4	180,524	1/4	196,151	1/4	211,761	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,182	1/2	180,850	1/2	196,476	1/2	212,083	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,510	3/4	181,175	3/4	196,802	3/4	212,405	3/4		3/4		3/4		3/4		3/4		3/4	
9	165,837	9	181,501	9	197,127	9	212,727	9		9		9		9		9		9	
1/4	166,164	1/4	181,826	1/4	197,453	1/4	213,048	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,492	1/2	182,152	1/2	197,778	1/2	213,369	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,819	3/4	182,477	3/4	198,104	3/4	213,691	3/4		3/4		3/4		3/4		3/4		3/4	
10	167,146	10	182,803	10	198,429	10	214,012	10		10		10		10		10		10	
1/4	167,474	1/4	183,129	1/4	198,755	1/4	214,333	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,801	1/2	183,454	1/2	199,081	1/2	214,653	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168,129	3/4	183,780	3/4	199,406	3/4	214,974	3/4		3/4		3/4		3/4		3/4		3/4	
11	168,456	11	184,105	11	199,732	11	215,295	11		11		11		11		11		11	
1/4	168,783	1/4	184,431	1/4	200,057	1/4	215,614	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169,111	1/2	184,756	1/2	200,383	1/2	215,934	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,438	3/4	185,082	3/4	200,708	3/4	216,253	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

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	585	0	13,243	0	28,434	0	44,120	0	59,839	0	75,564	0	91,289	0	107,015	0	122,740	0	138,464
1/4	720	1/4	13,544	1/4	28,761	1/4	44,447	1/4	60,166	1/4	75,892	1/4	91,617	1/4	107,342	1/4	123,068	1/4	138,791
1/2	855	1/2	13,845	1/2	29,089	1/2	44,774	1/2	60,494	1/2	76,219	1/2	91,945	1/2	107,670	1/2	123,395	1/2	139,119
3/4	990	3/4	14,146	3/4	29,416	3/4	45,101	3/4	60,822	3/4	76,547	3/4	92,272	3/4	107,998	3/4	123,723	3/4	139,446
1	1,125	1	14,447	1	29,744	1	45,427	1	61,149	1	76,875	1	92,600	1	108,325	1	124,051	1	139,774
1/4	1,337	1/4	14,752	1/4	30,071	1/4	45,755	1/4	61,477	1/4	77,202	1/4	92,928	1/4	108,653	1/4	124,378	1/4	140,102
1/2	1,550	1/2	15,056	1/2	30,398	1/2	46,082	1/2	61,805	1/2	77,530	1/2	93,255	1/2	108,980	1/2	124,706	1/2	140,429
3/4	1,762	3/4	15,361	3/4	30,726	3/4	46,409	3/4	62,132	3/4	77,857	3/4	93,583	3/4	109,308	3/4	125,033	3/4	140,757
2	1,974	2	15,666	2	31,053	2	46,736	2	62,460	2	78,185	2	93,910	2	109,636	2	125,361	2	141,084
1/4	2,235	1/4	15,974	1/4	31,380	1/4	47,063	1/4	62,787	1/4	78,513	1/4	94,238	1/4	109,963	1/4	125,689	1/4	141,412
1/2	2,496	1/2	16,282	1/2	31,707	1/2	47,391	1/2	63,115	1/2	78,840	1/2	94,566	1/2	110,291	1/2	126,016	1/2	141,739
3/4	2,756	3/4	16,590	3/4	32,034	3/4	47,718	3/4	63,443	3/4	79,168	3/4	94,893	3/4	110,618	3/4	126,344	3/4	142,067
3	3,017	3	16,898	3	32,361	3	48,045	3	63,770	3	79,495	3	95,221	3	110,946	3	126,671	3	142,394
1/4	3,287	1/4	17,209	1/4	32,688	1/4	48,373	1/4	64,098	1/4	79,823	1/4	95,548	1/4	111,274	1/4	126,999	1/4	142,722
1/2	3,557	1/2	17,520	1/2	33,016	1/2	48,700	1/2	64,425	1/2	80,151	1/2	95,876	1/2	111,601	1/2	127,327	1/2	143,049
3/4	3,826	3/4	17,832	3/4	33,343	3/4	49,028	3/4	64,753	3/4	80,478	3/4	96,204	3/4	111,929	3/4	127,654	3/4	143,377
4	4,096	4	18,143	4	33,670	4	49,355	4	65,081	4	80,806	4	96,531	4	112,257	4	127,982	4	143,704
1/4	4,370	1/4	18,458	1/4	33,997	1/4	49,683	1/4	65,408	1/4	81,134	1/4	96,859	1/4	112,584	1/4	128,309	1/4	144,032
1/2	4,644	1/2	18,773	1/2	34,324	1/2	50,011	1/2	65,736	1/2	81,461	1/2	97,186	1/2	112,912	1/2	128,637	1/2	144,359
3/4	4,918	3/4	19,088	3/4	34,651	3/4	50,338	3/4	66,063	3/4	81,789	3/4	97,514	3/4	113,239	3/4	128,965	3/4	144,687
5	5,191	5	19,402	5	34,978	5	50,666	5	66,391	5	82,116	5	97,842	5	113,567	5	129,292	5	145,014
1/4	5,469	1/4	19,721	1/4	35,305	1/4	50,993	1/4	66,719	1/4	82,444	1/4	98,169	1/4	113,895	1/4	129,620	1/4	145,342
1/2	5,746	1/2	20,039	1/2	35,631	1/2	51,321	1/2	67,046	1/2	82,772	1/2	98,497	1/2	114,222	1/2	129,948	1/2	145,670
3/4	6,023	3/4	20,357	3/4	35,958	3/4	51,649	3/4	67,374	3/4	83,099	3/4	98,825	3/4	114,550	3/4	130,275	3/4	145,997
6	6,301	6	20,675	6	36,284	6	51,976	6	67,701	6	83,427	6	99,152	6	114,877	6	130,603	6	146,325
1/4	6,581	1/4	20,997	1/4	36,611	1/4	52,304	1/4	68,029	1/4	83,754	1/4	99,480	1/4	115,205	1/4	130,930	1/4	146,652
1/2	6,862	1/2	21,319	1/2	36,937	1/2	52,631	1/2	68,357	1/2	84,082	1/2	99,807	1/2	115,533	1/2	131,258	1/2	146,980
3/4	7,143	3/4	21,640	3/4	37,264	3/4	52,959	3/4	68,684	3/4	84,410	3/4	100,135	3/4	115,860	3/4	131,586	3/4	147,307
7	7,424	7	21,962	7	37,590	7	53,287	7	69,012	7	84,737	7	100,463	7	116,188	7	131,913	7	147,635
1/4	7,708	1/4	22,279	1/4	37,916	1/4	53,614	1/4	69,340	1/4	85,065	1/4	100,790	1/4	116,515	1/4	132,241	1/4	147,962
1/2	7,992	1/2	22,597	1/2	38,243	1/2	53,942	1/2	69,667	1/2	85,392	1/2	101,118	1/2	116,843	1/2	132,568	1/2	148,290
3/4	8,276	3/4	22,914	3/4	38,569	3/4	54,269	3/4	69,995	3/4	85,720	3/4	101,445	3/4	117,171	3/4	132,896	3/4	148,617
8	8,560	8	23,232	8	38,896	8	54,597	8	70,322	8	86,048	8	101,773	8	117,498	8	133,223	8	148,945
1/4	8,848	1/4	23,550	1/4	39,222	1/4	54,925	1/4	70,650	1/4	86,375	1/4	102,101	1/4	117,826	1/4	133,551	1/4	149,272
1/2	9,135	1/2	23,869	1/2	39,548	1/2	55,252	1/2	70,978	1/2	86,703	1/2	102,428	1/2	118,154	1/2	133,878	1/2	149,600
3/4	9,423	3/4	24,188	3/4	39,875	3/4	55,580	3/4	71,305	3/4	87,031	3/4	102,756	3/4	118,481	3/4	134,206	3/4	149,927
9	9,710	9	24,507	9	40,201	9	55,908	9	71,633	9	87,358	9	103,083	9	118,809	9	134,533	9	150,255
1/4	10,001	1/4	24,833	1/4	40,528	1/4	56,235	1/4	71,960	1/4	87,686	1/4	103,411	1/4	119,136	1/4	134,861	1/4	150,583
1/2	10,292	1/2	25,160	1/2	40,854	1/2	56,563	1/2	72,288	1/2	88,013	1/2	103,739	1/2	119,464	1/2	135,189	1/2	150,910
3/4	10,583	3/4	25,486	3/4	41,180	3/4	56,890	3/4	72,616	3/4	88,341	3/4	104,066	3/4	119,792	3/4	135,516	3/4	151,238
10	10,874	10	25,813	10	41,507	10	57,218	10	72,943	10	88,669	10	104,394	10	120,119	10	135,844	10	151,565
1/4	11,168	1/4	26,140	1/4	41,833	1/4	57,546	1/4	73,271	1/4	88,996	1/4	104,721	1/4	120,447	1/4	136,171	1/4	151,893
1/2	11,463	1/2	26,468	1/2	42,160	1/2	57,873	1/2	73,598	1/2	89,324	1/2	105,049	1/2	120,774	1/2	136,499	1/2	152,220
3/4	11,757	3/4	26,796	3/4	42,486	3/4	58,201	3/4	73,926	3/4	89,651	3/4	105,377	3/4	121,102	3/4	136,826	3/4	152,548
11	12,051	11	27,123	11	42,813	11	58,528	11	74,254	11	89,979	11	105,704	11	121,430	11	137,154	11	152,875
1/4	12,349	1/4	27,451	1/4	43,139	1/4	58,856	1/4	74,581	1/4	90,307	1/4	106,032	1/4	121,757	1/4	137,481	1/4	153,203
1/2	12,647	1/2	27,778	1/2	43,466	1/2	59,184	1/2	74,909	1/2	90,634	1/2	106,360	1/2	122,085	1/2	137,809	1/2	153,530
3/4	12,945	3/4	28,106	3/4	43,793	3/4	59,511	3/4	75,237	3/4	90,962	3/4	106,687	3/4	122,412	3/4	138,136	3/4	153,858

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 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "CBC 308"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

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	154,185	0	169,907	0	185,556	0	201,190	0	216,736	0		0		0		0		0	
1/4	154,513	1/4	170,234	1/4	185,882	1/4	201,516	1/4	217,050	1/4		1/4		1/4		1/4		1/4	
1/2	154,840	1/2	170,562	1/2	186,208	1/2	201,842	1/2	217,364	1/2		1/2		1/2		1/2		1/2	
3/4	155,168	3/4	170,890	3/4	186,533	3/4	202,167	3/4	217,677	3/4		3/4		3/4		3/4		3/4	
1	155,496	1	171,217	1	186,859	1	202,493	1	217,991	1		1		1		1		1	
1/4	155,823	1/4	171,545	1/4	187,185	1/4	202,819	1/4	218,264	1/4		1/4		1/4		1/4		1/4	
1/2	156,151	1/2	171,872	1/2	187,511	1/2	203,144	1/2	218,538	1/2		1/2		1/2		1/2		1/2	
3/4	156,478	3/4	172,200	3/4	187,836	3/4	203,470	3/4	218,811	3/4		3/4		3/4		3/4		3/4	
2	156,806	2	172,527	2	188,162	2	203,796	2	219,085	2		2		2		2		2	
1/4	157,133	1/4	172,853	1/4	188,488	1/4	204,122	1/4	219,305	1/4		1/4		1/4		1/4		1/4	
1/2	157,461	1/2	173,179	1/2	188,813	1/2	204,447	1/2	219,525	1/2		1/2		1/2		1/2		1/2	
3/4	157,788	3/4	173,505	3/4	189,139	3/4	204,773	3/4	219,744	3/4		3/4		3/4		3/4		3/4	
3	158,116	3	173,831	3	189,465	3	205,099	3	219,964	3		3		3		3		3	
1/4	158,443	1/4	174,157	1/4	189,791	1/4	205,424	1/4	220,130	1/4		1/4		1/4		1/4		1/4	
1/2	158,771	1/2	174,482	1/2	190,116	1/2	205,750	1/2	220,295	1/2		1/2		1/2		1/2		1/2	
3/4	159,098	3/4	174,808	3/4	190,442	3/4	206,076	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,426	4	175,134	4	190,768	4	206,402	4		4		4		4		4		4	
1/4	159,753	1/4	175,459	1/4	191,093	1/4	206,727	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,081	1/2	175,785	1/2	191,419	1/2	207,053	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,409	3/4	176,111	3/4	191,745	3/4	207,379	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,736	5	176,437	5	192,070	5	207,704	5		5		5		5		5		5	
1/4	161,064	1/4	176,762	1/4	192,396	1/4	208,030	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,391	1/2	177,088	1/2	192,722	1/2	208,356	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,719	3/4	177,414	3/4	193,048	3/4	208,681	3/4		3/4		3/4		3/4		3/4		3/4	
6	162,046	6	177,739	6	193,373	6	209,007	6		6		6		6		6		6	
1/4	162,374	1/4	178,065	1/4	193,699	1/4	209,333	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,701	1/2	178,391	1/2	194,025	1/2	209,659	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,029	3/4	178,717	3/4	194,350	3/4	209,984	3/4		3/4		3/4		3/4		3/4		3/4	
7	163,356	7	179,042	7	194,676	7	210,310	7		7		7		7		7		7	
1/4	163,684	1/4	179,368	1/4	195,002	1/4	210,633	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,011	1/2	179,694	1/2	195,328	1/2	210,955	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,339	3/4	180,019	3/4	195,653	3/4	211,278	3/4		3/4		3/4		3/4		3/4		3/4	
8	164,666	8	180,345	8	195,979	8	211,600	8		8		8		8		8		8	
1/4	164,994	1/4	180,671	1/4	196,305	1/4	211,922	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,322	1/2	180,996	1/2	196,630	1/2	212,244	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,649	3/4	181,322	3/4	196,956	3/4	212,566	3/4		3/4		3/4		3/4		3/4		3/4	
9	165,977	9	181,648	9	197,282	9	212,888	9		9		9		9		9		9	
1/4	166,304	1/4	181,974	1/4	197,607	1/4	213,210	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,632	1/2	182,299	1/2	197,933	1/2	213,532	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,959	3/4	182,625	3/4	198,259	3/4	213,853	3/4		3/4		3/4		3/4		3/4		3/4	
10	167,287	10	182,951	10	198,585	10	214,175	10		10		10		10		10		10	
1/4	167,614	1/4	183,276	1/4	198,910	1/4	214,495	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,942	1/2	183,602	1/2	199,236	1/2	214,816	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168,269	3/4	183,928	3/4	199,562	3/4	215,137	3/4		3/4		3/4		3/4		3/4		3/4	
11	168,597	11	184,254	11	199,887	11	215,458	11		11		11		11		11		11	
1/4	168,924	1/4	184,579	1/4	200,213	1/4	215,777	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169,252	1/2	184,905	1/2	200,539	1/2	216,097	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,579	3/4	185,231	3/4	200,865	3/4	216,417	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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	593	0	15,017	0	30,179	0	45,160	0	60,244	0	75,406	0	90,569	0	105,731	0	120,894	0	136,055
1/4	781	1/4	15,332	1/4	30,494	1/4	45,470	1/4	60,560	1/4	75,722	1/4	90,885	1/4	106,047	1/4	121,209	1/4	136,370
1/2	968	1/2	15,648	1/2	30,810	1/2	45,779	1/2	60,875	1/2	76,038	1/2	91,200	1/2	106,363	1/2	121,525	1/2	136,686
3/4	1,156	3/4	15,964	3/4	31,126	3/4	46,088	3/4	61,191	3/4	76,354	3/4	91,516	3/4	106,679	3/4	121,841	3/4	137,002
1	1,343	1	16,280	1	31,442	1	46,398	1	61,507	1	76,670	1	91,832	1	106,995	1	122,157	1	137,318
1/4	1,610	1/4	16,596	1/4	31,758	1/4	46,707	1/4	61,823	1/4	76,986	1/4	92,148	1/4	107,311	1/4	122,473	1/4	137,634
1/2	1,876	1/2	16,912	1/2	32,074	1/2	47,017	1/2	62,139	1/2	77,301	1/2	92,464	1/2	107,626	1/2	122,789	1/2	137,949
3/4	2,143	3/4	17,228	3/4	32,390	3/4	47,327	3/4	62,455	3/4	77,617	3/4	92,780	3/4	107,942	3/4	123,105	3/4	138,265
2	2,409	2	17,544	2	32,706	2	47,636	2	62,771	2	77,933	2	93,096	2	108,258	2	123,421	2	138,581
1/4	2,719	1/4	17,859	1/4	33,021	1/4	47,946	1/4	63,087	1/4	78,249	1/4	93,412	1/4	108,574	1/4	123,737	1/4	138,897
1/2	3,029	1/2	18,175	1/2	33,337	1/2	48,256	1/2	63,403	1/2	78,565	1/2	93,727	1/2	108,890	1/2	124,052	1/2	139,213
3/4	3,338	3/4	18,491	3/4	33,653	3/4	48,565	3/4	63,718	3/4	78,881	3/4	94,043	3/4	109,206	3/4	124,368	3/4	139,528
3	3,648	3	18,807	3	33,969	3	48,875	3	64,034	3	79,197	3	94,359	3	109,522	3	124,684	3	139,844
1/4	3,963	1/4	19,123	1/4	34,285	1/4	49,190	1/4	64,350	1/4	79,513	1/4	94,675	1/4	109,838	1/4	125,000	1/4	140,160
1/2	4,278	1/2	19,439	1/2	34,601	1/2	49,505	1/2	64,666	1/2	79,829	1/2	94,991	1/2	110,154	1/2	125,316	1/2	140,476
3/4	4,594	3/4	19,755	3/4	34,917	3/4	49,820	3/4	64,982	3/4	80,144	3/4	95,307	3/4	110,469	3/4	125,632	3/4	140,792
4	4,909	4	20,071	4	35,233	4	50,135	4	65,298	4	80,460	4	95,623	4	110,785	4	125,948	4	141,108
1/4	5,225	1/4	20,386	1/4	35,548	1/4	50,451	1/4	65,614	1/4	80,776	1/4	95,939	1/4	111,101	1/4	126,264	1/4	141,423
1/2	5,540	1/2	20,702	1/2	35,864	1/2	50,767	1/2	65,930	1/2	81,092	1/2	96,255	1/2	111,417	1/2	126,580	1/2	141,739
3/4	5,856	3/4	21,018	3/4	36,180	3/4	51,083	3/4	66,245	3/4	81,408	3/4	96,570	3/4	111,733	3/4	126,895	3/4	142,055
5	6,172	5	21,334	5	36,496	5	51,399	5	66,561	5	81,724	5	96,886	5	112,049	5	127,211	5	142,371
1/4	6,488	1/4	21,650	1/4	36,806	1/4	51,715	1/4	66,877	1/4	82,040	1/4	97,202	1/4	112,365	1/4	127,527	1/4	142,687
1/2	6,804	1/2	21,966	1/2	37,116	1/2	52,031	1/2	67,193	1/2	82,356	1/2	97,518	1/2	112,681	1/2	127,843	1/2	143,002
3/4	7,120	3/4	22,282	3/4	37,427	3/4	52,347	3/4	67,509	3/4	82,672	3/4	97,834	3/4	112,996	3/4	128,159	3/4	143,318
6	7,436	6	22,598	6	37,737	6	52,662	6	67,825	6	82,987	6	98,150	6	113,312	6	128,475	6	143,634
1/4	7,751	1/4	22,913	1/4	38,046	1/4	52,978	1/4	68,141	1/4	83,303	1/4	98,466	1/4	113,628	1/4	128,791	1/4	143,950
1/2	8,067	1/2	23,229	1/2	38,355	1/2	53,294	1/2	68,457	1/2	83,619	1/2	98,782	1/2	113,944	1/2	129,107	1/2	144,266
3/4	8,383	3/4	23,545	3/4	38,665	3/4	53,610	3/4	68,773	3/4	83,935	3/4	99,098	3/4	114,260	3/4	129,423	3/4	144,581
7	8,699	7	23,861	7	38,974	7	53,926	7	69,088	7	84,251	7	99,413	7	114,576	7	129,738	7	144,897
1/4	9,015	1/4	24,177	1/4	39,283	1/4	54,242	1/4	69,404	1/4	84,567	1/4	99,729	1/4	114,892	1/4	130,054	1/4	145,213
1/2	9,331	1/2	24,493	1/2	39,593	1/2	54,558	1/2	69,720	1/2	84,883	1/2	100,045	1/2	115,208	1/2	130,370	1/2	145,529
3/4	9,647	3/4	24,809	3/4	39,902	3/4	54,874	3/4	70,036	3/4	85,199	3/4	100,361	3/4	115,524	3/4	130,686	3/4	145,845
8	9,963	8	25,125	8	40,211	8	55,190	8	70,352	8	85,514	8	100,677	8	115,839	8	131,002	8	146,160
1/4	10,278	1/4	25,440	1/4	40,521	1/4	55,505	1/4	70,668	1/4	85,830	1/4	100,993	1/4	116,155	1/4	131,317	1/4	146,476
1/2	10,594	1/2	25,756	1/2	40,830	1/2	55,821	1/2	70,984	1/2	86,146	1/2	101,309	1/2	116,471	1/2	131,633	1/2	146,792
3/4	10,910	3/4	26,072	3/4	41,139	3/4	56,137	3/4	71,300	3/4	86,462	3/4	101,625	3/4	116,787	3/4	131,949	3/4	147,108
9	11,226	9	26,388	9	41,449	9	56,453	9	71,616	9	86,778	9	101,941	9	117,103	9	132,265	9	147,424
1/4	11,542	1/4	26,704	1/4	41,758	1/4	56,769	1/4	71,931	1/4	87,094	1/4	102,256	1/4	117,419	1/4	132,581	1/4	147,739
1/2	11,858	1/2	27,020	1/2	42,067	1/2	57,085	1/2	72,247	1/2	87,410	1/2	102,572	1/2	117,735	1/2	132,897	1/2	148,055
3/4	12,174	3/4	27,336	3/4	42,377	3/4	57,401	3/4	72,563	3/4	87,726	3/4	102,888	3/4	118,051	3/4	133,212	3/4	148,371
10	12,490	10	27,652	10	42,686	10	57,717	10	72,879	10	88,042	10	103,204	10	118,367	10	133,528	10	148,687
1/4	12,805	1/4	27,967	1/4	42,995	1/4	58,032	1/4	73,195	1/4	88,357	1/4	103,520	1/4	118,682	1/4	133,844	1/4	149,003
1/2	13,121	1/2	28,283	1/2	43,305	1/2	58,348	1/2	73,511	1/2	88,673	1/2	103,836	1/2	118,998	1/2	134,160	1/2	149,318
3/4	13,437	3/4	28,599	3/4	43,614	3/4	58,664	3/4	73,827	3/4	88,989	3/4	104,152	3/4	119,314	3/4	134,476	3/4	149,634
11	13,753	11	28,915	11	43,923	11	58,980	11	74,143	11	89,305	11	104,468	11	119,630	11	134,791	11	149,950
1/4	14,069	1/4	29,231	1/4	44,232	1/4	59,296	1/4	74,459	1/4	89,621	1/4	104,783	1/4	119,946	1/4	135,107	1/4	150,266
1/2	14,385	1/2	29,547	1/2	44,542	1/2	59,612	1/2	74,774	1/2	89,937	1/2	105,099	1/2	120,262	1/2	135,423	1/2	150,582
3/4	14,701	3/4	29,863	3/4	44,851	3/4	59,928	3/4	75,090	3/4	90,253	3/4	105,415	3/4	120,578	3/4	135,739	3/4	150,898

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 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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





BARGE "CBC 308"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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	151,213	0	166,372	0	181,459	0	196,530	0	211,514	0		0		0		0		0	
1/4	151,529	1/4	166,688	1/4	181,773	1/4	196,844	1/4	211,816	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,845	1/2	167,004	1/2	182,087	1/2	197,158	1/2	212,119	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,161	3/4	167,320	3/4	182,401	3/4	197,472	3/4	212,421	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,477	1	167,635	1	182,715	1	197,786	1	212,723	1	1	1	1	1	1	1	1	1	1
1/4	152,792	1/4	167,951	1/4	183,029	1/4	198,100	1/4	212,987	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,108	1/2	168,267	1/2	183,343	1/2	198,414	1/2	213,250	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,424	3/4	168,583	3/4	183,657	3/4	198,728	3/4	213,513	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,740	2	168,899	2	183,971	2	199,042	2	213,777	2	2	2	2	2	2	2	2	2	2
1/4	154,056	1/4	169,213	1/4	184,285	1/4	199,356	1/4	213,989	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,371	1/2	169,527	1/2	184,599	1/2	199,670	1/2	214,201	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,687	3/4	169,841	3/4	184,913	3/4	199,984	3/4	214,413	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,003	3	170,155	3	185,227	3	200,298	3	214,624	3	3	3	3	3	3	3	3	3	3
1/4	155,319	1/4	170,469	1/4	185,541	1/4	200,612	1/4	214,784	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,635	1/2	170,783	1/2	185,854	1/2	200,926	1/2	214,943	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,950	3/4	171,097	3/4	186,168	3/4	201,240	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,266	4	171,411	4	186,482	4	201,554	4		4	4	4	4	4	4	4	4	4	4
1/4	156,582	1/4	171,725	1/4	186,796	1/4	201,868	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,898	1/2	172,039	1/2	187,110	1/2	202,182	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,214	3/4	172,353	3/4	187,424	3/4	202,496	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,529	5	172,667	5	187,738	5	202,810	5		5	5	5	5	5	5	5	5	5	5
1/4	157,845	1/4	172,981	1/4	188,052	1/4	203,124	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,161	1/2	173,295	1/2	188,366	1/2	203,437	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,477	3/4	173,609	3/4	188,680	3/4	203,751	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,793	6	173,923	6	188,994	6	204,065	6		6	6	6	6	6	6	6	6	6	6
1/4	159,109	1/4	174,237	1/4	189,308	1/4	204,379	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,424	1/2	174,551	1/2	189,622	1/2	204,693	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,740	3/4	174,865	3/4	189,936	3/4	205,007	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,056	7	175,179	7	190,250	7	205,321	7		7	7	7	7	7	7	7	7	7	7
1/4	160,372	1/4	175,493	1/4	190,564	1/4	205,632	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,688	1/2	175,807	1/2	190,878	1/2	205,943	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,003	3/4	176,121	3/4	191,192	3/4	206,254	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,319	8	176,435	8	191,506	8	206,565	8		8	8	8	8	8	8	8	8	8	8
1/4	161,635	1/4	176,749	1/4	191,820	1/4	206,875	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,951	1/2	177,063	1/2	192,134	1/2	207,186	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,267	3/4	177,377	3/4	192,448	3/4	207,496	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,582	9	177,691	9	192,762	9	207,806	9		9	9	9	9	9	9	9	9	9	9
1/4	162,898	1/4	178,005	1/4	193,076	1/4	208,116	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,214	1/2	178,319	1/2	193,390	1/2	208,426	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,530	3/4	178,633	3/4	193,704	3/4	208,736	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,846	10	178,947	10	194,018	10	209,046	10		10	10	10	10	10	10	10	10	10	10
1/4	164,161	1/4	179,261	1/4	194,332	1/4	209,355	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,477	1/2	179,575	1/2	194,646	1/2	209,664	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,793	3/4	179,889	3/4	194,960	3/4	209,973	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,109	11	180,203	11	195,274	11	210,282	11		11	11	11	11	11	11	11	11	11	11
1/4	165,425	1/4	180,517	1/4	195,588	1/4	210,590	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,740	1/2	180,831	1/2	195,902	1/2	210,898	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,056	3/4	181,145	3/4	196,216	3/4	211,206	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: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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	593	0	15,002	0	30,149	0	45,010	0	60,106	0	75,253	0	90,401	0	105,548	0	120,696	0	135,842
1/4	780	1/4	15,317	1/4	30,464	1/4	45,318	1/4	60,421	1/4	75,569	1/4	90,716	1/4	105,864	1/4	121,012	1/4	136,158
1/2	967	1/2	15,633	1/2	30,780	1/2	45,625	1/2	60,737	1/2	75,884	1/2	91,032	1/2	106,180	1/2	121,327	1/2	136,473
3/4	1,155	3/4	15,948	3/4	31,096	3/4	45,932	3/4	61,052	3/4	76,200	3/4	91,348	3/4	106,495	3/4	121,643	3/4	136,789
1	1,342	1	16,264	1	31,411	1	46,240	1	61,368	1	76,516	1	91,663	1	106,811	1	121,958	1	137,104
1/4	1,608	1/4	16,580	1/4	31,727	1/4	46,553	1/4	61,684	1/4	76,831	1/4	91,979	1/4	107,126	1/4	122,274	1/4	137,420
1/2	1,874	1/2	16,895	1/2	32,042	1/2	46,865	1/2	61,999	1/2	77,147	1/2	92,294	1/2	107,442	1/2	122,589	1/2	137,735
3/4	2,141	3/4	17,211	3/4	32,358	3/4	47,178	3/4	62,315	3/4	77,462	3/4	92,610	3/4	107,757	3/4	122,905	3/4	138,051
2	2,407	2	17,526	2	32,673	2	47,491	2	62,630	2	77,778	2	92,925	2	108,073	2	123,221	2	138,366
1/4	2,716	1/4	17,842	1/4	32,989	1/4	47,805	1/4	62,946	1/4	78,093	1/4	93,241	1/4	108,389	1/4	123,536	1/4	138,682
1/2	3,026	1/2	18,157	1/2	33,305	1/2	48,119	1/2	63,261	1/2	78,409	1/2	93,557	1/2	108,704	1/2	123,852	1/2	138,997
3/4	3,335	3/4	18,473	3/4	33,620	3/4	48,432	3/4	63,577	3/4	78,725	3/4	93,872	3/4	109,020	3/4	124,167	3/4	139,313
3	3,644	3	18,789	3	33,936	3	48,746	3	63,893	3	79,040	3	94,188	3	109,335	3	124,483	3	139,628
1/4	3,959	1/4	19,104	1/4	34,245	1/4	49,061	1/4	64,208	1/4	79,356	1/4	94,503	1/4	109,651	1/4	124,798	1/4	139,944
1/2	4,274	1/2	19,420	1/2	34,554	1/2	49,377	1/2	64,524	1/2	79,671	1/2	94,819	1/2	109,966	1/2	125,114	1/2	140,259
3/4	4,589	3/4	19,735	3/4	34,863	3/4	49,692	3/4	64,839	3/4	79,987	3/4	95,134	3/4	110,282	3/4	125,430	3/4	140,575
4	4,904	4	20,051	4	35,172	4	50,007	4	65,155	4	80,302	4	95,450	4	110,598	4	125,745	4	140,890
1/4	5,220	1/4	20,366	1/4	35,480	1/4	50,323	1/4	65,470	1/4	80,618	1/4	95,766	1/4	110,913	1/4	126,061	1/4	141,206
1/2	5,535	1/2	20,682	1/2	35,788	1/2	50,638	1/2	65,786	1/2	80,934	1/2	96,081	1/2	111,229	1/2	126,376	1/2	141,521
3/4	5,850	3/4	20,998	3/4	36,096	3/4	50,954	3/4	66,102	3/4	81,249	3/4	96,397	3/4	111,544	3/4	126,692	3/4	141,837
5	6,166	5	21,313	5	36,404	5	51,270	5	66,417	5	81,565	5	96,712	5	111,860	5	127,007	5	142,152
1/4	6,482	1/4	21,629	1/4	36,711	1/4	51,585	1/4	66,733	1/4	81,880	1/4	97,028	1/4	112,175	1/4	127,323	1/4	142,467
1/2	6,797	1/2	21,944	1/2	37,019	1/2	51,901	1/2	67,048	1/2	82,196	1/2	97,343	1/2	112,491	1/2	127,639	1/2	142,783
3/4	7,113	3/4	22,260	3/4	37,326	3/4	52,216	3/4	67,364	3/4	82,511	3/4	97,659	3/4	112,807	3/4	127,954	3/4	143,098
6	7,428	6	22,575	6	37,634	6	52,532	6	67,679	6	82,827	6	97,975	6	113,122	6	128,270	6	143,414
1/4	7,744	1/4	22,891	1/4	37,941	1/4	52,847	1/4	67,995	1/4	83,143	1/4	98,290	1/4	113,438	1/4	128,585	1/4	143,729
1/2	8,059	1/2	23,206	1/2	38,248	1/2	53,163	1/2	68,311	1/2	83,458	1/2	98,606	1/2	113,753	1/2	128,901	1/2	144,045
3/4	8,375	3/4	23,522	3/4	38,556	3/4	53,479	3/4	68,626	3/4	83,774	3/4	98,921	3/4	114,069	3/4	129,217	3/4	144,360
7	8,690	7	23,838	7	38,863	7	53,794	7	68,942	7	84,089	7	99,237	7	114,385	7	129,532	7	144,676
1/4	9,006	1/4	24,153	1/4	39,171	1/4	54,110	1/4	69,257	1/4	84,405	1/4	99,553	1/4	114,700	1/4	129,848	1/4	144,991
1/2	9,322	1/2	24,469	1/2	39,478	1/2	54,425	1/2	69,573	1/2	84,721	1/2	99,868	1/2	115,016	1/2	130,163	1/2	145,307
3/4	9,637	3/4	24,784	3/4	39,785	3/4	54,741	3/4	69,888	3/4	85,036	3/4	100,184	3/4	115,331	3/4	130,479	3/4	145,622
8	9,953	8	25,100	8	40,093	8	55,056	8	70,204	8	85,352	8	100,499	8	115,647	8	130,794	8	145,938
1/4	10,268	1/4	25,415	1/4	40,400	1/4	55,372	1/4	70,520	1/4	85,667	1/4	100,815	1/4	115,962	1/4	131,110	1/4	146,253
1/2	10,584	1/2	25,731	1/2	40,707	1/2	55,688	1/2	70,835	1/2	85,983	1/2	101,130	1/2	116,278	1/2	131,425	1/2	146,569
3/4	10,899	3/4	26,047	3/4	41,015	3/4	56,003	3/4	71,151	3/4	86,298	3/4	101,446	3/4	116,594	3/4	131,741	3/4	146,884
9	11,215	9	26,362	9	41,322	9	56,319	9	71,466	9	86,614	9	101,762	9	116,909	9	132,056	9	147,200
1/4	11,531	1/4	26,678	1/4	41,629	1/4	56,634	1/4	71,782	1/4	86,930	1/4	102,077	1/4	117,225	1/4	132,372	1/4	147,515
1/2	11,846	1/2	26,993	1/2	41,937	1/2	56,950	1/2	72,098	1/2	87,245	1/2	102,393	1/2	117,540	1/2	132,687	1/2	147,831
3/4	12,162	3/4	27,309	3/4	42,244	3/4	57,266	3/4	72,413	3/4	87,561	3/4	102,708	3/4	117,856	3/4	133,003	3/4	148,146
10	12,477	10	27,624	10	42,551	10	57,581	10	72,729	10	87,876	10	103,024	10	118,171	10	133,318	10	148,462
1/4	12,793	1/4	27,940	1/4	42,859	1/4	57,897	1/4	73,044	1/4	88,192	1/4	103,339	1/4	118,487	1/4	133,634	1/4	148,777
1/2	13,108	1/2	28,256	1/2	43,166	1/2	58,212	1/2	73,360	1/2	88,507	1/2	103,655	1/2	118,803	1/2	133,949	1/2	149,093
3/4	13,424	3/4	28,571	3/4	43,474	3/4	58,528	3/4	73,675	3/4	88,823	3/4	103,971	3/4	119,118	3/4	134,265	3/4	149,408
11	13,740	11	28,887	11	43,781	11	58,843	11	73,991	11	89,139	11	104,286	11	119,434	11	134,580	11	149,724
1/4	14,055	1/4	29,202	1/4	44,088	1/4	59,159	1/4	74,307	1/4	89,454	1/4	104,602	1/4	119,749	1/4	134,896	1/4	150,039
1/2	14,371	1/2	29,518	1/2	44,396	1/2	59,475	1/2	74,622	1/2	89,770	1/2	104,917	1/2	120,065	1/2	135,211	1/2	150,355
3/4	14,686	3/4	29,833	3/4	44,703	3/4	59,790	3/4	74,938	3/4	90,085	3/4	105,233	3/4	120,380	3/4	135,527	3/4	150,670

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 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 308"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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	150,986	0	166,130	0	181,202	0	196,258	0	211,227	0		0		0		0		0	
1/4	151,301	1/4	166,445	1/4	181,515	1/4	196,572	1/4	211,529	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,617	1/2	166,761	1/2	181,829	1/2	196,885	1/2	211,831	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,932	3/4	167,076	3/4	182,143	3/4	197,199	3/4	212,133	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,248	1	167,392	1	182,456	1	197,513	1	212,435	1	1	1	1	1	1	1	1	1	1
1/4	152,563	1/4	167,707	1/4	182,770	1/4	197,826	1/4	212,699	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,879	1/2	168,023	1/2	183,084	1/2	198,140	1/2	212,962	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,194	3/4	168,338	3/4	183,397	3/4	198,454	3/4	213,225	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,510	2	168,654	2	183,711	2	198,767	2	213,488	2	2	2	2	2	2	2	2	2	2
1/4	153,825	1/4	168,968	1/4	184,025	1/4	199,081	1/4	213,700	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,141	1/2	169,282	1/2	184,338	1/2	199,395	1/2	213,911	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,456	3/4	169,595	3/4	184,652	3/4	199,708	3/4	214,123	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,772	3	169,909	3	184,966	3	200,022	3	214,335	3	3	3	3	3	3	3	3	3	3
1/4	155,087	1/4	170,223	1/4	185,279	1/4	200,336	1/4	214,494	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,403	1/2	170,537	1/2	185,593	1/2	200,649	1/2	214,653	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,718	3/4	170,850	3/4	185,907	3/4	200,963	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,034	4	171,164	4	186,220	4	201,277	4		4	4	4	4	4	4	4	4	4	4
1/4	156,349	1/4	171,478	1/4	186,534	1/4	201,590	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,665	1/2	171,791	1/2	186,848	1/2	201,904	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,980	3/4	172,105	3/4	187,161	3/4	202,218	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,296	5	172,419	5	187,475	5	202,531	5	5	5	5	5	5	5	5	5	5	5	5
1/4	157,611	1/4	172,732	1/4	187,789	1/4	202,845	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,927	1/2	173,046	1/2	188,102	1/2	203,159	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,242	3/4	173,360	3/4	188,416	3/4	203,472	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,558	6	173,673	6	188,730	6	203,786	6	6	6	6	6	6	6	6	6	6	6	6
1/4	158,873	1/4	173,987	1/4	189,043	1/4	204,100	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,189	1/2	174,301	1/2	189,357	1/2	204,413	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,504	3/4	174,614	3/4	189,671	3/4	204,727	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	159,820	7	174,928	7	189,984	7	205,041	7	7	7	7	7	7	7	7	7	7	7	7
1/4	160,135	1/4	175,242	1/4	190,298	1/4	205,351	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,451	1/2	175,555	1/2	190,612	1/2	205,662	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,766	3/4	175,869	3/4	190,925	3/4	205,973	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,082	8	176,183	8	191,239	8	206,283	8	8	8	8	8	8	8	8	8	8	8	8
1/4	161,397	1/4	176,496	1/4	191,553	1/4	206,593	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,713	1/2	176,810	1/2	191,866	1/2	206,903	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,028	3/4	177,124	3/4	192,180	3/4	207,213	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,344	9	177,437	9	192,494	9	207,523	9	9	9	9	9	9	9	9	9	9	9	9
1/4	162,659	1/4	177,751	1/4	192,808	1/4	207,833	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,975	1/2	178,065	1/2	193,121	1/2	208,142	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,290	3/4	178,379	3/4	193,435	3/4	208,452	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,606	10	178,692	10	193,749	10	208,761	10	10	10	10	10	10	10	10	10	10	10	10
1/4	163,921	1/4	179,006	1/4	194,062	1/4	209,070	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,237	1/2	179,320	1/2	194,376	1/2	209,379	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,552	3/4	179,633	3/4	194,690	3/4	209,688	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	164,868	11	179,947	11	195,003	11	209,997	11	11	11	11	11	11	11	11	11	11	11	11
1/4	165,183	1/4	180,261	1/4	195,317	1/4	210,304	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,499	1/2	180,574	1/2	195,631	1/2	210,612	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,814	3/4	180,888	3/4	195,944	3/4	210,920	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: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	611	0	15,474	0	31,091	0	46,434	0	61,852	0	77,435	0	93,016	0	108,547	0	124,116	0	139,687
1/4	804	1/4	15,800	1/4	31,416	1/4	46,750	1/4	62,177	1/4	77,760	1/4	93,340	1/4	108,871	1/4	124,440	1/4	140,011
1/2	997	1/2	16,125	1/2	31,740	1/2	47,067	1/2	62,501	1/2	78,085	1/2	93,663	1/2	109,195	1/2	124,764	1/2	140,336
3/4	1,190	3/4	16,451	3/4	32,065	3/4	47,383	3/4	62,826	3/4	78,409	3/4	93,987	3/4	109,520	3/4	125,089	3/4	140,660
1	1,384	1	16,776	1	32,389	1	47,699	1	63,151	1	78,734	1	94,310	1	109,844	1	125,413	1	140,984
1/4	1,658	1/4	17,102	1/4	32,714	1/4	48,015	1/4	63,475	1/4	79,059	1/4	94,634	1/4	110,168	1/4	125,738	1/4	141,309
1/2	1,933	1/2	17,427	1/2	33,038	1/2	48,332	1/2	63,800	1/2	79,383	1/2	94,957	1/2	110,492	1/2	126,062	1/2	141,633
3/4	2,208	3/4	17,753	3/4	33,363	3/4	48,648	3/4	64,125	3/4	79,708	3/4	95,281	3/4	110,816	3/4	126,386	3/4	141,957
2	2,482	2	18,078	2	33,687	2	48,965	2	64,449	2	80,033	2	95,605	2	111,140	2	126,711	2	142,282
1/4	2,801	1/4	18,404	1/4	34,012	1/4	49,281	1/4	64,774	1/4	80,357	1/4	95,928	1/4	111,464	1/4	127,035	1/4	142,606
1/2	3,120	1/2	18,729	1/2	34,336	1/2	49,598	1/2	65,099	1/2	80,682	1/2	96,252	1/2	111,789	1/2	127,360	1/2	142,931
3/4	3,439	3/4	19,055	3/4	34,661	3/4	49,914	3/4	65,423	3/4	81,007	3/4	96,575	3/4	112,113	3/4	127,684	3/4	143,255
3	3,758	3	19,380	3	34,985	3	50,231	3	65,748	3	81,331	3	96,899	3	112,437	3	128,009	3	143,579
1/4	4,083	1/4	19,706	1/4	35,310	1/4	50,547	1/4	66,073	1/4	81,656	1/4	97,222	1/4	112,761	1/4	128,333	1/4	143,904
1/2	4,408	1/2	20,031	1/2	35,634	1/2	50,864	1/2	66,397	1/2	81,981	1/2	97,546	1/2	113,086	1/2	128,657	1/2	144,228
3/4	4,733	3/4	20,357	3/4	35,959	3/4	51,181	3/4	66,722	3/4	82,305	3/4	97,870	3/4	113,410	3/4	128,982	3/4	144,552
4	5,058	4	20,682	4	36,283	4	51,498	4	67,046	4	82,630	4	98,193	4	113,734	4	129,306	4	144,877
1/4	5,384	1/4	21,008	1/4	36,608	1/4	51,814	1/4	67,371	1/4	82,955	1/4	98,517	1/4	114,059	1/4	129,631	1/4	145,201
1/2	5,709	1/2	21,334	1/2	36,933	1/2	52,131	1/2	67,695	1/2	83,279	1/2	98,840	1/2	114,383	1/2	129,955	1/2	145,524
3/4	6,034	3/4	21,659	3/4	37,257	3/4	52,448	3/4	68,020	3/4	83,604	3/4	99,164	3/4	114,708	3/4	130,279	3/4	145,848
5	6,360	5	21,985	5	37,582	5	52,765	5	68,344	5	83,929	5	99,487	5	115,032	5	130,604	5	146,172
1/4	6,685	1/4	22,310	1/4	37,898	1/4	53,088	1/4	68,669	1/4	84,254	1/4	99,811	1/4	115,356	1/4	130,928	1/4	146,495
1/2	7,011	1/2	22,636	1/2	38,215	1/2	53,412	1/2	68,994	1/2	84,578	1/2	100,135	1/2	115,681	1/2	131,253	1/2	146,819
3/4	7,336	3/4	22,961	3/4	38,532	3/4	53,736	3/4	69,318	3/4	84,903	3/4	100,458	3/4	116,005	3/4	131,577	3/4	147,142
6	7,662	6	23,287	6	38,849	6	54,060	6	69,643	6	85,228	6	100,782	6	116,330	6	131,901	6	147,466
1/4	7,987	1/4	23,612	1/4	39,165	1/4	54,384	1/4	69,968	1/4	85,552	1/4	101,105	1/4	116,654	1/4	132,226	1/4	147,789
1/2	8,313	1/2	23,938	1/2	39,481	1/2	54,709	1/2	70,292	1/2	85,877	1/2	101,429	1/2	116,979	1/2	132,550	1/2	148,112
3/4	8,638	3/4	24,263	3/4	39,797	3/4	55,034	3/4	70,617	3/4	86,202	3/4	101,752	3/4	117,303	3/4	132,875	3/4	148,436
7	8,964	7	24,589	7	40,113	7	55,358	7	70,942	7	86,526	7	102,076	7	117,627	7	133,199	7	148,759
1/4	9,289	1/4	24,914	1/4	40,429	1/4	55,683	1/4	71,266	1/4	86,851	1/4	102,400	1/4	117,952	1/4	133,523	1/4	149,082
1/2	9,615	1/2	25,240	1/2	40,745	1/2	56,008	1/2	71,591	1/2	87,176	1/2	102,723	1/2	118,276	1/2	133,848	1/2	149,406
3/4	9,940	3/4	25,565	3/4	41,061	3/4	56,332	3/4	71,916	3/4	87,500	3/4	103,047	3/4	118,601	3/4	134,172	3/4	149,729
8	10,266	8	25,891	8	41,377	8	56,657	8	72,240	8	87,825	8	103,370	8	118,925	8	134,497	8	150,052
1/4	10,591	1/4	26,216	1/4	41,693	1/4	56,982	1/4	72,565	1/4	88,150	1/4	103,694	1/4	119,249	1/4	134,821	1/4	150,375
1/2	10,917	1/2	26,542	1/2	42,009	1/2	57,306	1/2	72,890	1/2	88,474	1/2	104,017	1/2	119,574	1/2	135,145	1/2	150,698
3/4	11,242	3/4	26,867	3/4	42,325	3/4	57,631	3/4	73,214	3/4	88,799	3/4	104,341	3/4	119,898	3/4	135,470	3/4	151,021
9	11,568	9	27,193	9	42,641	9	57,956	9	73,539	9	89,124	9	104,665	9	120,223	9	135,794	9	151,344
1/4	11,894	1/4	27,518	1/4	42,957	1/4	58,280	1/4	73,864	1/4	89,448	1/4	104,988	1/4	120,547	1/4	136,119	1/4	151,666
1/2	12,219	1/2	27,844	1/2	43,274	1/2	58,605	1/2	74,188	1/2	89,773	1/2	105,311	1/2	120,871	1/2	136,443	1/2	151,987
3/4	12,545	3/4	28,169	3/4	43,590	3/4	58,930	3/4	74,513	3/4	90,098	3/4	105,635	3/4	121,196	3/4	136,767	3/4	152,309
10	12,870	10	28,495	10	43,906	10	59,254	10	74,838	10	90,422	10	105,958	10	121,520	10	137,092	10	152,630
1/4	13,196	1/4	28,820	1/4	44,222	1/4	59,579	1/4	75,163	1/4	90,747	1/4	106,281	1/4	121,845	1/4	137,416	1/4	152,943
1/2	13,521	1/2	29,144	1/2	44,538	1/2	59,904	1/2	75,487	1/2	91,072	1/2	106,604	1/2	122,169	1/2	137,740	1/2	153,255
3/4	13,847	3/4	29,469	3/4	44,854	3/4	60,228	3/4	75,812	3/4	91,396	3/4	106,928	3/4	122,494	3/4	138,065	3/4	153,567
11	14,172	11	29,793	11	45,170	11	60,553	11	76,137	11	91,721	11	107,251	11	122,818	11	138,389	11	153,880
1/4	14,498	1/4	30,118	1/4	45,486	1/4	60,878	1/4	76,461	1/4	92,045	1/4	107,575	1/4	123,142	1/4	138,714	1/4	154,180
1/2	14,823	1/2	30,442	1/2	45,802	1/2	61,202	1/2	76,786	1/2	92,369	1/2	107,899	1/2	123,467	1/2	139,038	1/2	154,480
3/4	15,149	3/4	30,767	3/4	46,118	3/4	61,527	3/4	77,111	3/4	92,692	3/4	108,223	3/4	123,791	3/4	139,362	3/4	154,780

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 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 308"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	155,080	0	167,391	0	179,337	0	191,272	0	203,139	0		0		0		0		0	
1/4	155,368	1/4	167,641	1/4	179,586	1/4	191,520	1/4	203,378	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,655	1/2	167,891	1/2	179,834	1/2	191,769	1/2	203,618	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,942	3/4	168,141	3/4	180,083	3/4	192,018	3/4	203,857	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	156,230	1	168,391	1	180,332	1	192,266	1	204,097	1	1	1	1	1	1	1	1	1	1
1/4	156,505	1/4	168,641	1/4	180,580	1/4	192,515	1/4	204,305	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,780	1/2	168,891	1/2	180,829	1/2	192,763	1/2	204,514	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,055	3/4	169,141	3/4	181,077	3/4	193,012	3/4	204,723	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	157,330	2	169,391	2	181,326	2	193,261	2	204,931	2	2	2	2	2	2	2	2	2	2
1/4	157,592	1/4	169,640	1/4	181,575	1/4	193,509	1/4	205,099	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,854	1/2	169,888	1/2	181,823	1/2	193,758	1/2	205,267	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,116	3/4	170,137	3/4	182,072	3/4	194,007	3/4	205,435	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	158,379	3	170,386	3	182,321	3	194,255	3	205,603	3	3	3	3	3	3	3	3	3	3
1/4	158,632	1/4	170,635	1/4	182,569	1/4	194,504	1/4	205,729	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,884	1/2	170,883	1/2	182,818	1/2	194,753	1/2	205,855	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,137	3/4	171,132	3/4	183,067	3/4	195,001	3/4	205,981	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	159,390	4	171,381	4	183,315	4	195,250	4	195,250	4	4	4	4	4	4	4	4	4	4
1/4	159,640	1/4	171,629	1/4	183,564	1/4	195,499	1/4	195,499	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,890	1/2	171,878	1/2	183,812	1/2	195,747	1/2	195,747	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,140	3/4	172,126	3/4	184,061	3/4	195,996	3/4	195,996	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	160,390	5	172,375	5	184,310	5	196,244	5	196,244	5	5	5	5	5	5	5	5	5	5
1/4	160,641	1/4	172,624	1/4	184,558	1/4	196,493	1/4	196,493	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,891	1/2	172,872	1/2	184,807	1/2	196,742	1/2	196,742	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,141	3/4	173,121	3/4	185,056	3/4	196,990	3/4	196,990	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	161,391	6	173,370	6	185,304	6	197,239	6	197,239	6	6	6	6	6	6	6	6	6	6
1/4	161,641	1/4	173,618	1/4	185,553	1/4	197,488	1/4	197,488	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,891	1/2	173,867	1/2	185,802	1/2	197,736	1/2	197,736	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,141	3/4	174,116	3/4	186,050	3/4	197,985	3/4	197,985	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	162,391	7	174,364	7	186,299	7	198,234	7	198,234	7	7	7	7	7	7	7	7	7	7
1/4	162,641	1/4	174,613	1/4	186,548	1/4	198,480	1/4	198,480	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,891	1/2	174,862	1/2	186,796	1/2	198,726	1/2	198,726	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,141	3/4	175,110	3/4	187,045	3/4	198,972	3/4	198,972	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	163,391	8	175,359	8	187,293	8	199,219	8	199,219	8	8	8	8	8	8	8	8	8	8
1/4	163,641	1/4	175,607	1/4	187,542	1/4	199,464	1/4	199,464	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,891	1/2	175,856	1/2	187,791	1/2	199,710	1/2	199,710	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,141	3/4	176,105	3/4	188,039	3/4	199,956	3/4	199,956	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	164,391	9	176,353	9	188,288	9	200,202	9	200,202	9	9	9	9	9	9	9	9	9	9
1/4	164,641	1/4	176,602	1/4	188,537	1/4	200,447	1/4	200,447	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,891	1/2	176,851	1/2	188,785	1/2	200,693	1/2	200,693	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,141	3/4	177,099	3/4	189,034	3/4	200,938	3/4	200,938	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	165,391	10	177,348	10	189,283	10	201,184	10	201,184	10	10	10	10	10	10	10	10	10	10
1/4	165,641	1/4	177,597	1/4	189,531	1/4	201,428	1/4	201,428	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,891	1/2	177,845	1/2	189,780	1/2	201,673	1/2	201,673	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,141	3/4	178,094	3/4	190,028	3/4	201,918	3/4	201,918	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,391	11	178,342	11	190,277	11	202,163	11	202,163	11	11	11	11	11	11	11	11	11	11
1/4	166,641	1/4	178,591	1/4	190,526	1/4	202,407	1/4	202,407	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,891	1/2	178,840	1/2	190,774	1/2	202,651	1/2	202,651	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,141	3/4	179,088	3/4	191,023	3/4	202,895	3/4	202,895	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: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	611	0	15,484	0	31,111	0	46,270	0	61,564	0	77,157	0	92,748	0	108,288	0	123,867	0	139,447
1/4	804	1/4	15,810	1/4	31,435	1/4	46,579	1/4	61,889	1/4	77,482	1/4	93,071	1/4	108,613	1/4	124,191	1/4	139,772
1/2	998	1/2	16,135	1/2	31,760	1/2	46,889	1/2	62,214	1/2	77,807	1/2	93,395	1/2	108,937	1/2	124,516	1/2	140,097
3/4	1,191	3/4	16,461	3/4	32,085	3/4	47,198	3/4	62,539	3/4	78,132	3/4	93,719	3/4	109,262	3/4	124,840	3/4	140,421
1	1,385	1	16,787	1	32,410	1	47,507	1	62,864	1	78,457	1	94,043	1	109,586	1	125,165	1	140,746
1/4	1,659	1/4	17,112	1/4	32,734	1/4	47,817	1/4	63,189	1/4	78,782	1/4	94,367	1/4	109,910	1/4	125,490	1/4	141,070
1/2	1,934	1/2	17,438	1/2	33,059	1/2	48,127	1/2	63,514	1/2	79,107	1/2	94,690	1/2	110,235	1/2	125,814	1/2	141,395
3/4	2,209	3/4	17,764	3/4	33,384	3/4	48,437	3/4	63,838	3/4	79,431	3/4	95,014	3/4	110,559	3/4	126,139	3/4	141,720
2	2,484	2	18,090	2	33,708	2	48,746	2	64,163	2	79,756	2	95,338	2	110,883	2	126,464	2	142,044
1/4	2,803	1/4	18,415	1/4	34,033	1/4	49,057	1/4	64,488	1/4	80,081	1/4	95,662	1/4	111,208	1/4	126,788	1/4	142,369
1/2	3,122	1/2	18,741	1/2	34,358	1/2	49,367	1/2	64,813	1/2	80,406	1/2	95,985	1/2	111,532	1/2	127,113	1/2	142,693
3/4	3,442	3/4	19,067	3/4	34,683	3/4	49,678	3/4	65,138	3/4	80,731	3/4	96,309	3/4	111,856	3/4	127,437	3/4	143,018
3	3,761	3	19,392	3	35,007	3	49,988	3	65,463	3	81,056	3	96,633	3	112,181	3	127,762	3	143,342
1/4	4,086	1/4	19,718	1/4	35,332	1/4	50,299	1/4	65,788	1/4	81,381	1/4	96,957	1/4	112,505	1/4	128,087	1/4	143,667
1/2	4,411	1/2	20,044	1/2	35,657	1/2	50,610	1/2	66,112	1/2	81,706	1/2	97,281	1/2	112,830	1/2	128,411	1/2	143,992
3/4	4,736	3/4	20,370	3/4	35,981	3/4	50,920	3/4	66,437	3/4	82,031	3/4	97,604	3/4	113,154	3/4	128,736	3/4	144,316
4	5,061	4	20,695	4	36,306	4	51,231	4	66,762	4	82,355	4	97,928	4	113,479	4	129,060	4	144,641
1/4	5,387	1/4	21,021	1/4	36,630	1/4	51,542	1/4	67,087	1/4	82,680	1/4	98,252	1/4	113,804	1/4	129,385	1/4	144,965
1/2	5,713	1/2	21,347	1/2	36,954	1/2	51,853	1/2	67,411	1/2	83,005	1/2	98,576	1/2	114,128	1/2	129,710	1/2	145,289
3/4	6,038	3/4	21,672	3/4	37,278	3/4	52,164	3/4	67,736	3/4	83,330	3/4	98,899	3/4	114,453	3/4	130,034	3/4	145,612
5	6,364	5	21,998	5	37,602	5	52,475	5	68,061	5	83,655	5	99,223	5	114,777	5	130,359	5	145,936
1/4	6,689	1/4	22,324	1/4	37,913	1/4	52,798	1/4	68,386	1/4	83,980	1/4	99,547	1/4	115,102	1/4	130,683	1/4	146,260
1/2	7,015	1/2	22,650	1/2	38,224	1/2	53,121	1/2	68,710	1/2	84,305	1/2	99,871	1/2	115,427	1/2	131,008	1/2	146,584
3/4	7,341	3/4	22,975	3/4	38,535	3/4	53,444	3/4	69,035	3/4	84,630	3/4	100,195	3/4	115,751	3/4	131,333	3/4	146,907
6	7,667	6	23,301	6	38,846	6	53,767	6	69,360	6	84,954	6	100,518	6	116,076	6	131,657	6	147,231
1/4	7,992	1/4	23,627	1/4	39,155	1/4	54,092	1/4	69,685	1/4	85,279	1/4	100,842	1/4	116,401	1/4	131,982	1/4	147,555
1/2	8,318	1/2	23,953	1/2	39,464	1/2	54,417	1/2	70,010	1/2	85,604	1/2	101,166	1/2	116,725	1/2	132,307	1/2	147,878
3/4	8,644	3/4	24,278	3/4	39,773	3/4	54,742	3/4	70,335	3/4	85,929	3/4	101,490	3/4	117,050	3/4	132,631	3/4	148,202
7	8,969	7	24,604	7	40,083	7	55,067	7	70,660	7	86,254	7	101,813	7	117,374	7	132,956	7	148,526
1/4	9,295	1/4	24,930	1/4	40,392	1/4	55,391	1/4	70,985	1/4	86,579	1/4	102,137	1/4	117,699	1/4	133,280	1/4	148,849
1/2	9,621	1/2	25,255	1/2	40,701	1/2	55,716	1/2	71,309	1/2	86,904	1/2	102,461	1/2	118,024	1/2	133,605	1/2	149,172
3/4	9,947	3/4	25,581	3/4	41,011	3/4	56,041	3/4	71,634	3/4	87,229	3/4	102,785	3/4	118,348	3/4	133,930	3/4	149,496
8	10,272	8	25,907	8	41,320	8	56,366	8	71,959	8	87,553	8	103,108	8	118,673	8	134,254	8	149,819
1/4	10,598	1/4	26,233	1/4	41,629	1/4	56,691	1/4	72,284	1/4	87,878	1/4	103,432	1/4	118,997	1/4	134,579	1/4	150,142
1/2	10,924	1/2	26,558	1/2	41,939	1/2	57,016	1/2	72,609	1/2	88,203	1/2	103,756	1/2	119,322	1/2	134,903	1/2	150,466
3/4	11,249	3/4	26,884	3/4	42,248	3/4	57,341	3/4	72,934	3/4	88,528	3/4	104,080	3/4	119,647	3/4	135,228	3/4	150,789
9	11,575	9	27,210	9	42,558	9	57,666	9	73,259	9	88,853	9	104,404	9	119,971	9	135,552	9	151,112
1/4	11,901	1/4	27,535	1/4	42,867	1/4	57,991	1/4	73,584	1/4	89,178	1/4	104,727	1/4	120,296	1/4	135,877	1/4	151,434
1/2	12,227	1/2	27,861	1/2	43,176	1/2	58,315	1/2	73,909	1/2	89,503	1/2	105,051	1/2	120,621	1/2	136,202	1/2	151,756
3/4	12,552	3/4	28,187	3/4	43,486	3/4	58,640	3/4	74,233	3/4	89,828	3/4	105,374	3/4	120,945	3/4	136,526	3/4	152,077
10	12,878	10	28,513	10	43,795	10	58,965	10	74,558	10	90,153	10	105,698	10	121,270	10	136,851	10	152,399
1/4	13,204	1/4	28,837	1/4	44,104	1/4	59,290	1/4	74,883	1/4	90,477	1/4	106,021	1/4	121,594	1/4	137,175	1/4	152,712
1/2	13,530	1/2	29,162	1/2	44,414	1/2	59,615	1/2	75,208	1/2	90,802	1/2	106,345	1/2	121,919	1/2	137,500	1/2	153,024
3/4	13,855	3/4	29,487	3/4	44,723	3/4	59,940	3/4	75,533	3/4	91,127	3/4	106,668	3/4	122,244	3/4	137,825	3/4	153,337
11	14,181	11	29,812	11	45,032	11	60,265	11	75,858	11	91,452	11	106,992	11	122,568	11	138,149	11	153,649
1/4	14,507	1/4	30,137	1/4	45,342	1/4	60,590	1/4	76,183	1/4	91,776	1/4	107,316	1/4	122,893	1/4	138,474	1/4	153,950
1/2	14,832	1/2	30,461	1/2	45,651	1/2	60,914	1/2	76,508	1/2	92,100	1/2	107,640	1/2	123,217	1/2	138,798	1/2	154,250
3/4	15,158	3/4	30,786	3/4	45,960	3/4	61,239	3/4	76,832	3/4	92,424	3/4	107,964	3/4	123,542	3/4	139,123	3/4	154,550

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 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 308"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	154,850	0	167,169	0	179,122	0	191,064	0	202,939	0		0		0		0		0	
1/4	155,138	1/4	167,419	1/4	179,371	1/4	191,313	1/4	203,178	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,426	1/2	167,669	1/2	179,620	1/2	191,562	1/2	203,418	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,713	3/4	167,919	3/4	179,869	3/4	191,811	3/4	203,658	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	156,001	1	168,169	1	180,118	1	192,060	1	203,897	1	1	1	1	1	1	1	1	1	1
1/4	156,276	1/4	168,419	1/4	180,366	1/4	192,308	1/4	204,106	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,551	1/2	168,670	1/2	180,615	1/2	192,557	1/2	204,315	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,826	3/4	168,920	3/4	180,864	3/4	192,806	3/4	204,524	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	157,101	2	169,170	2	181,113	2	193,055	2	204,733	2	2	2	2	2	2	2	2	2	2
1/4	157,364	1/4	169,419	1/4	181,361	1/4	193,304	1/4	204,901	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,626	1/2	169,668	1/2	181,610	1/2	193,552	1/2	205,069	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,889	3/4	169,917	3/4	181,859	3/4	193,801	3/4	205,237	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	158,151	3	170,166	3	182,108	3	194,050	3	205,405	3	3	3	3	3	3	3	3	3	3
1/4	158,404	1/4	170,415	1/4	182,357	1/4	194,299	1/4	205,531	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,657	1/2	170,663	1/2	182,605	1/2	194,548	1/2	205,657	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,910	3/4	170,912	3/4	182,854	3/4	194,796	3/4	205,783	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	159,163	4	171,161	4	183,103	4	195,045	4	195,045	4	4	4	4	4	4	4	4	4	4
1/4	159,413	1/4	171,410	1/4	183,352	1/4	195,294	1/4	195,294	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,663	1/2	171,659	1/2	183,601	1/2	195,543	1/2	195,543	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,914	3/4	171,907	3/4	183,849	3/4	195,791	3/4	195,791	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	160,164	5	172,156	5	184,098	5	196,040	5	196,040	5	5	5	5	5	5	5	5	5	5
1/4	160,414	1/4	172,405	1/4	184,347	1/4	196,289	1/4	196,289	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,664	1/2	172,654	1/2	184,596	1/2	196,538	1/2	196,538	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,915	3/4	172,903	3/4	184,845	3/4	196,787	3/4	196,787	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	161,165	6	173,151	6	185,093	6	197,035	6	197,035	6	6	6	6	6	6	6	6	6	6
1/4	161,415	1/4	173,400	1/4	185,342	1/4	197,284	1/4	197,284	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,665	1/2	173,649	1/2	185,591	1/2	197,533	1/2	197,533	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,915	3/4	173,898	3/4	185,840	3/4	197,782	3/4	197,782	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	162,165	7	174,146	7	186,089	7	198,031	7	198,031	7	7	7	7	7	7	7	7	7	7
1/4	162,416	1/4	174,395	1/4	186,337	1/4	198,277	1/4	198,277	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,666	1/2	174,644	1/2	186,586	1/2	198,523	1/2	198,523	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,916	3/4	174,893	3/4	186,835	3/4	198,770	3/4	198,770	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	163,166	8	175,142	8	187,084	8	199,016	8	199,016	8	8	8	8	8	8	8	8	8	8
1/4	163,416	1/4	175,390	1/4	187,333	1/4	199,262	1/4	199,262	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,666	1/2	175,639	1/2	187,581	1/2	199,508	1/2	199,508	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,917	3/4	175,888	3/4	187,830	3/4	199,754	3/4	199,754	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	164,167	9	176,137	9	188,079	9	200,000	9	200,000	9	9	9	9	9	9	9	9	9	9
1/4	164,417	1/4	176,386	1/4	188,328	1/4	200,246	1/4	200,246	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,667	1/2	176,634	1/2	188,576	1/2	200,491	1/2	200,491	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,917	3/4	176,883	3/4	188,825	3/4	200,737	3/4	200,737	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	165,167	10	177,132	10	189,074	10	200,982	10	200,982	10	10	10	10	10	10	10	10	10	10
1/4	165,417	1/4	177,381	1/4	189,323	1/4	201,227	1/4	201,227	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,668	1/2	177,630	1/2	189,572	1/2	201,472	1/2	201,472	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,918	3/4	177,878	3/4	189,820	3/4	201,717	3/4	201,717	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,168	11	178,127	11	190,069	11	201,962	11	201,962	11	11	11	11	11	11	11	11	11	11
1/4	166,418	1/4	178,376	1/4	190,318	1/4	202,207	1/4	202,207	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,668	1/2	178,625	1/2	190,567	1/2	202,451	1/2	202,451	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,918	3/4	178,874	3/4	190,816	3/4	202,695	3/4	202,695	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: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
2 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8

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

LENGTH BETWEEN DRAFT MARKS: 238'-03"

December 18, 2012

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 308"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	220,130	0	205,592	0	189,965	0	174,339	0	158,635	0	142,920	0	127,205	0	111,487
1/4	1/4	1/4	1/4	1/4	219,964	1/4	205,266	1/4	189,640	1/4	174,013	1/4	158,307	1/4	142,593	1/4	126,878	1/4	111,160
1/2	1/2	1/2	1/2	1/2	219,799	1/2	204,940	1/2	189,314	1/2	173,688	1/2	157,980	1/2	142,266	1/2	126,550	1/2	110,832
3/4	3/4	3/4	3/4	3/4	219,579	3/4	204,615	3/4	188,988	3/4	173,362	3/4	157,652	3/4	141,938	3/4	126,223	3/4	110,505
1		1		1	219,360	1	204,289	1	188,663	1	173,036	1	157,325	1	141,611	1	125,895	1	110,178
1/4	1/4	1/4	1/4	1/4	219,140	1/4	203,964	1/4	188,337	1/4	172,710	1/4	156,998	1/4	141,284	1/4	125,568	1/4	109,850
1/2	1/2	1/2	1/2	1/2	218,920	1/2	203,638	1/2	188,012	1/2	172,384	1/2	156,670	1/2	140,956	1/2	125,241	1/2	109,523
3/4	3/4	3/4	3/4	3/4	218,647	3/4	203,313	3/4	187,686	3/4	172,057	3/4	156,343	3/4	140,629	3/4	124,913	3/4	109,195
2		2		2	218,373	2	202,987	2	187,361	2	171,730	2	156,016	2	140,301	2	124,586	2	108,868
1/4	1/4	1/4	1/4	1/4	218,100	1/4	202,662	1/4	187,035	1/4	171,402	1/4	155,688	1/4	139,974	1/4	124,258	1/4	108,540
1/2	1/2	1/2	1/2	1/2	217,827	1/2	202,336	1/2	186,710	1/2	171,075	1/2	155,361	1/2	139,647	1/2	123,931	1/2	108,213
3/4	3/4	3/4	3/4	3/4	217,513	3/4	202,011	3/4	186,384	3/4	170,748	3/4	155,033	3/4	139,319	3/4	123,603	3/4	107,885
3		3		3	217,200	3	201,685	3	186,059	3	170,420	3	154,706	3	138,992	3	123,276	3	107,558
1/4	1/4	1/4	1/4	1/4	216,886	1/4	201,359	1/4	185,733	1/4	170,093	1/4	154,379	1/4	138,665	1/4	122,948	1/4	107,230
1/2	1/2	1/2	1/2	1/2	216,572	1/2	201,034	1/2	185,407	1/2	169,765	1/2	154,051	1/2	138,337	1/2	122,621	1/2	106,903
3/4	3/4	3/4	3/4	3/4	216,253	3/4	200,708	3/4	185,082	3/4	169,438	3/4	153,724	3/4	138,010	3/4	122,293	3/4	106,576
4		4		4	215,934	4	200,383	4	184,756	4	169,111	4	153,397	4	137,682	4	121,966	4	106,248
1/4	1/4	1/4	1/4	1/4	215,614	1/4	200,057	1/4	184,431	1/4	168,783	1/4	153,069	1/4	137,355	1/4	121,639	1/4	105,921
1/2	1/2	1/2	1/2	1/2	215,295	1/2	199,732	1/2	184,105	1/2	168,456	1/2	152,742	1/2	137,028	1/2	121,311	1/2	105,593
3/4	3/4	3/4	3/4	3/4	214,974	3/4	199,406	3/4	183,780	3/4	168,129	3/4	152,414	3/4	136,700	3/4	120,984	3/4	105,266
5		5		5	214,653	5	199,081	5	183,454	5	167,801	5	152,087	5	136,373	5	120,656	5	104,938
1/4	1/4	1/4	1/4	1/4	214,333	1/4	198,755	1/4	183,129	1/4	167,474	1/4	151,760	1/4	136,046	1/4	120,329	1/4	104,611
1/2	1/2	1/2	1/2	1/2	214,012	1/2	198,429	1/2	182,803	1/2	167,146	1/2	151,432	1/2	135,718	1/2	120,001	1/2	104,283
3/4	3/4	3/4	3/4	3/4	213,691	3/4	198,104	3/4	182,477	3/4	166,819	3/4	151,105	3/4	135,391	3/4	119,674	3/4	103,956
6		6		6	213,369	6	197,778	6	182,152	6	166,492	6	150,778	6	135,063	6	119,346	6	103,628
1/4	1/4	1/4	1/4	1/4	213,048	1/4	197,453	1/4	181,826	1/4	166,164	1/4	150,450	1/4	134,736	1/4	119,019	1/4	103,301
1/2	1/2	1/2	1/2	1/2	212,727	1/2	197,127	1/2	181,501	1/2	165,837	1/2	150,123	1/2	134,409	1/2	118,691	1/2	102,974
3/4	3/4	3/4	3/4	3/4	212,405	3/4	196,802	3/4	181,175	3/4	165,510	3/4	149,795	3/4	134,081	3/4	118,364	3/4	102,646
7		7		7	212,083	7	196,476	7	180,850	7	165,182	7	149,468	7	133,754	7	118,037	7	102,319
1/4	1/4	1/4	1/4	1/4	211,761	1/4	196,151	1/4	180,524	1/4	164,855	1/4	149,141	1/4	133,427	1/4	117,709	1/4	101,991
1/2	1/2	1/2	1/2	1/2	211,439	1/2	195,825	1/2	180,199	1/2	164,527	1/2	148,813	1/2	133,099	1/2	117,382	1/2	101,664
3/4	3/4	3/4	3/4	3/4	211,117	3/4	195,500	3/4	179,873	3/4	164,200	3/4	148,486	3/4	132,772	3/4	117,054	3/4	101,336
8		8		8	210,794	8	195,174	8	179,547	8	163,873	8	148,159	8	132,444	8	116,727	8	101,009
1/4	1/4	1/4	1/4	1/4	210,472	1/4	194,848	1/4	179,222	1/4	163,545	1/4	147,831	1/4	132,117	1/4	116,399	1/4	100,681
1/2	1/2	1/2	1/2	1/2	210,149	1/2	194,523	1/2	178,896	1/2	163,218	1/2	147,504	1/2	131,790	1/2	116,072	1/2	100,354
3/4	3/4	3/4	3/4	3/4	209,824	3/4	194,197	3/4	178,571	3/4	162,891	3/4	147,176	3/4	131,462	3/4	115,744	3/4	100,026
9		9		9	209,498	9	193,872	9	178,245	9	162,563	9	146,849	9	131,135	9	115,417	9	99,699
1/4	1/4	1/4	1/4	1/4	209,173	1/4	193,546	1/4	177,920	1/4	162,236	1/4	146,522	1/4	130,807	1/4	115,089	1/4	99,372
1/2	1/2	1/2	1/2	1/2	208,847	1/2	193,221	1/2	177,594	1/2	161,908	1/2	146,194	1/2	130,480	1/2	114,762	1/2	99,044
3/4	3/4	3/4	3/4	3/4	208,522	3/4	192,895	3/4	177,269	3/4	161,581	3/4	145,867	3/4	130,152	3/4	114,434	3/4	98,717
10		10		10	208,196	10	192,570	10	176,943	10	161,254	10	145,540	10	129,825	10	114,107	10	98,389
1/4	1/4	1/4	1/4	1/4	207,870	1/4	192,244	1/4	176,618	1/4	160,926	1/4	145,212	1/4	129,497	1/4	113,780	1/4	98,062
1/2	1/2	1/2	1/2	1/2	207,545	1/2	191,918	1/2	176,292	1/2	160,599	1/2	144,885	1/2	129,170	1/2	113,452	1/2	97,734
3/4	3/4	3/4	3/4	3/4	207,219	3/4	191,593	3/4	175,966	3/4	160,271	3/4	144,557	3/4	128,843	3/4	113,125	3/4	97,407
11		11		11	206,894	11	191,267	11	175,641	11	159,944	11	144,230	11	128,515	11	112,797	11	97,079
1/4	1/4	1/4	1/4	1/4	206,568	1/4	190,942	1/4	175,315	1/4	159,617	1/4	143,903	1/4	128,188	1/4	112,470	1/4	96,752
1/2	1/2	1/2	1/2	1/2	206,243	1/2	190,616	1/2	174,990	1/2	159,289	1/2	143,575	1/2	127,860	1/2	112,142	1/2	96,424
3/4	3/4	3/4	3/4	3/4	205,917	3/4	190,291	3/4	174,664	3/4	158,962	3/4	143,248	3/4	127,533	3/4	111,815	3/4	96,097

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 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 308"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	95,770	0	80,052	0	64,334	0	48,616	0	33,001	0	17,512	0	3,555	0		0		0	
1/4	95,442	1/4	79,724	1/4	64,006	1/4	48,289	1/4	32,675	1/4	17,201	1/4	3,285	1/4	1/4	1/4		1/4	1/4
1/2	95,115	1/2	79,397	1/2	63,679	1/2	47,961	1/2	32,350	1/2	16,890	1/2	3,015	1/2	1/2	1/2		1/2	1/2
3/4	94,787	3/4	79,069	3/4	63,351	3/4	47,634	3/4	32,022	3/4	16,562	3/4	2,755	3/4	3/4	3/4		3/4	3/4
1	94,460	1	78,742	1	63,024	1	47,307	1	31,695	1	16,274	1	2,494	1	1	1		1	1
1/4	94,132	1/4	78,414	1/4	62,697	1/4	46,980	1/4	31,367	1/4	15,966	1/4	2,234	1/4	1/4	1/4		1/4	1/4
1/2	93,805	1/2	78,087	1/2	62,369	1/2	46,653	1/2	31,040	1/2	15,658	1/2	1,973	1/2	1/2	1/2		1/2	1/2
3/4	93,477	3/4	77,760	3/4	62,042	3/4	46,326	3/4	30,713	3/4	15,354	3/4	1,761	3/4	3/4	3/4		3/4	3/4
2	93,150	2	77,432	2	61,714	2	45,999	2	30,385	2	15,050	2	1,549	2	2	2		2	2
1/4	92,822	1/4	77,105	1/4	61,387	1/4	45,673	1/4	30,058	1/4	14,745	1/4	1,336	1/4	1/4	1/4		1/4	1/4
1/2	92,495	1/2	76,777	1/2	61,059	1/2	45,346	1/2	29,730	1/2	14,441	1/2	1,124	1/2	1/2	1/2		1/2	1/2
3/4	92,168	3/4	76,450	3/4	60,732	3/4	45,021	3/4	29,403	3/4	14,140	3/4	989	3/4	3/4	3/4		3/4	3/4
3	91,840	3	76,122	3	60,404	3	44,696	3	29,075	3	13,839	3	854	3	3	3		3	3
1/4	91,513	1/4	75,795	1/4	60,077	1/4	44,372	1/4	28,748	1/4	13,538	1/4	720	1/4	1/4	1/4		1/4	1/4
1/2	91,185	1/2	75,467	1/2	59,749	1/2	44,047	1/2	28,420	1/2	13,237	1/2	585	1/2	1/2	1/2		1/2	1/2
3/4	90,858	3/4	75,140	3/4	59,422	3/4	43,722	3/4	28,093	3/4	12,939	3/4		3/4	3/4	3/4		3/4	3/4
4	90,530	4	74,812	4	59,095	4	43,398	4	27,766	4	12,641	4		4	4	4		4	4
1/4	90,203	1/4	74,485	1/4	58,767	1/4	43,073	1/4	27,438	1/4	12,344	1/4		1/4	1/4	1/4		1/4	1/4
1/2	89,875	1/2	74,158	1/2	58,440	1/2	42,748	1/2	27,111	1/2	12,046	1/2		1/2	1/2	1/2		1/2	1/2
3/4	89,548	3/4	73,830	3/4	58,112	3/4	42,423	3/4	26,783	3/4	11,752	3/4		3/4	3/4	3/4		3/4	3/4
5	89,220	5	73,503	5	57,785	5	42,099	5	26,456	5	11,458	5	5	5	5	5		5	5
1/4	88,893	1/4	73,175	1/4	57,457	1/4	41,774	1/4	26,128	1/4	11,163	1/4		1/4	1/4	1/4		1/4	1/4
1/2	88,566	1/2	72,848	1/2	57,130	1/2	41,449	1/2	25,801	1/2	10,869	1/2		1/2	1/2	1/2		1/2	1/2
3/4	88,238	3/4	72,520	3/4	56,802	3/4	41,124	3/4	25,474	3/4	10,578	3/4		3/4	3/4	3/4		3/4	3/4
6	87,911	6	72,193	6	56,475	6	40,800	6	25,148	6	10,287	6	6	6	6	6		6	6
1/4	87,583	1/4	71,865	1/4	56,147	1/4	40,475	1/4	24,822	1/4	9,997	1/4		1/4	1/4	1/4		1/4	1/4
1/2	87,256	1/2	71,538	1/2	55,820	1/2	40,150	1/2	24,495	1/2	9,706	1/2		1/2	1/2	1/2		1/2	1/2
3/4	86,928	3/4	71,210	3/4	55,493	3/4	39,826	3/4	24,177	3/4	9,418	3/4		3/4	3/4	3/4		3/4	3/4
7	86,601	7	70,883	7	55,165	7	39,501	7	23,858	7	9,131	7	7	7	7	7		7	7
1/4	86,273	1/4	70,555	1/4	54,838	1/4	39,176	1/4	23,540	1/4	8,844	1/4		1/4	1/4	1/4		1/4	1/4
1/2	85,946	1/2	70,228	1/2	54,510	1/2	38,851	1/2	23,221	1/2	8,556	1/2		1/2	1/2	1/2		1/2	1/2
3/4	85,618	3/4	69,901	3/4	54,183	3/4	38,527	3/4	22,904	3/4	8,272	3/4		3/4	3/4	3/4		3/4	3/4
8	85,291	8	69,573	8	53,855	8	38,202	8	22,586	8	7,988	8	8	8	8	8		8	8
1/4	84,964	1/4	69,246	1/4	53,528	1/4	37,877	1/4	22,269	1/4	7,704	1/4		1/4	1/4	1/4		1/4	1/4
1/2	84,636	1/2	68,918	1/2	53,200	1/2	37,552	1/2	21,952	1/2	7,420	1/2		1/2	1/2	1/2		1/2	1/2
3/4	84,309	3/4	68,591	3/4	52,873	3/4	37,228	3/4	21,630	3/4	7,140	3/4		3/4	3/4	3/4		3/4	3/4
9	83,981	9	68,263	9	52,545	9	36,903	9	21,309	9	6,859	9	9	9	9	9		9	9
1/4	83,654	1/4	67,936	1/4	52,218	1/4	36,578	1/4	20,987	1/4	6,578	1/4		1/4	1/4	1/4		1/4	1/4
1/2	83,326	1/2	67,608	1/2	51,891	1/2	36,254	1/2	20,666	1/2	6,298	1/2		1/2	1/2	1/2		1/2	1/2
3/4	82,999	3/4	67,281	3/4	51,563	3/4	35,929	3/4	20,348	3/4	6,021	3/4		3/4	3/4	3/4		3/4	3/4
10	82,671	10	66,953	10	51,236	10	35,604	10	20,030	10	5,744	10	10	10	10	10		10	10
1/4	82,344	1/4	66,626	1/4	50,908	1/4	35,279	1/4	19,712	1/4	5,466	1/4		1/4	1/4	1/4		1/4	1/4
1/2	82,016	1/2	66,299	1/2	50,581	1/2	34,954	1/2	19,394	1/2	5,189	1/2		1/2	1/2	1/2		1/2	1/2
3/4	81,689	3/4	65,971	3/4	50,253	3/4	34,629	3/4	19,079	3/4	4,915	3/4		3/4	3/4	3/4		3/4	3/4
11	81,362	11	65,644	11	49,926	11	34,303	11	18,764	11	4,642	11	11	11	11	11		11	11
1/4	81,034	1/4	65,316	1/4	49,598	1/4	33,978	1/4	18,450	1/4	4,368	1/4		1/4	1/4	1/4		1/4	1/4
1/2	80,707	1/2	64,989	1/2	49,271	1/2	33,653	1/2	18,135	1/2	4,094	1/2		1/2	1/2	1/2		1/2	1/2
3/4	80,379	3/4	64,661	3/4	48,944	3/4	33,327	3/4	17,824	3/4	3,825	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

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		0	206,402	0	190,768	0	175,134	0	159,426	0	143,704	0	127,982	0	112,257
1/4	1/4	1/4	1/4	1/4	1/4	1/4	206,076	1/4	190,442	1/4	174,808	1/4	159,098	1/4	143,377	1/4	127,654	1/4	111,929
1/2	1/2	1/2	1/2	1/2	1/2	1/2	220,295	1/2	205,750	1/2	190,116	1/2	174,482	1/2	158,771	1/2	143,049	1/2	127,327
3/4	3/4	3/4	3/4	3/4	3/4	3/4	220,130	3/4	205,424	3/4	189,791	3/4	174,157	3/4	158,443	3/4	142,722	3/4	127,999
1		1		1		1	219,964	1	205,099	1	189,465	1	173,831	1	158,116	1	142,394	1	126,671
1/4	1/4	1/4	1/4	1/4	1/4	1/4	219,744	1/4	204,773	1/4	189,139	1/4	173,505	1/4	157,788	1/4	142,067	1/4	126,344
1/2	1/2	1/2	1/2	1/2	1/2	1/2	219,525	1/2	204,447	1/2	188,813	1/2	173,179	1/2	157,461	1/2	141,739	1/2	126,016
3/4	3/4	3/4	3/4	3/4	3/4	3/4	219,305	3/4	204,122	3/4	188,488	3/4	172,853	3/4	157,133	3/4	141,412	3/4	125,689
2		2		2		2	219,085	2	203,796	2	188,162	2	172,527	2	156,806	2	141,084	2	125,361
1/4	1/4	1/4	1/4	1/4	1/4	1/4	218,811	1/4	203,470	1/4	187,836	1/4	172,200	1/4	156,478	1/4	140,757	1/4	125,033
1/2	1/2	1/2	1/2	1/2	1/2	1/2	218,538	1/2	203,144	1/2	187,511	1/2	171,872	1/2	156,151	1/2	140,429	1/2	124,706
3/4	3/4	3/4	3/4	3/4	3/4	3/4	218,264	3/4	202,819	3/4	187,185	3/4	171,545	3/4	155,823	3/4	140,102	3/4	124,378
3		3		3		3	217,991	3	202,493	3	186,859	3	171,217	3	155,496	3	139,774	3	124,051
1/4	1/4	1/4	1/4	1/4	1/4	1/4	217,677	1/4	202,167	1/4	186,533	1/4	170,890	1/4	155,168	1/4	139,446	1/4	123,723
1/2	1/2	1/2	1/2	1/2	1/2	1/2	217,364	1/2	201,842	1/2	186,208	1/2	170,562	1/2	154,840	1/2	139,119	1/2	123,395
3/4	3/4	3/4	3/4	3/4	3/4	3/4	217,050	3/4	201,516	3/4	185,882	3/4	170,234	3/4	154,513	3/4	138,791	3/4	123,068
4		4		4		4	216,736	4	201,190	4	185,556	4	169,907	4	154,185	4	138,464	4	122,740
1/4	1/4	1/4	1/4	1/4	1/4	1/4	216,417	1/4	200,865	1/4	185,231	1/4	169,579	1/4	153,858	1/4	138,136	1/4	122,412
1/2	1/2	1/2	1/2	1/2	1/2	1/2	216,097	1/2	200,539	1/2	184,905	1/2	169,252	1/2	153,530	1/2	137,809	1/2	122,085
3/4	3/4	3/4	3/4	3/4	3/4	3/4	215,777	3/4	200,213	3/4	184,579	3/4	168,924	3/4	153,203	3/4	137,481	3/4	121,757
5		5		5		5	215,458	5	199,887	5	184,254	5	168,597	5	152,875	5	137,154	5	121,430
1/4	1/4	1/4	1/4	1/4	1/4	1/4	215,137	1/4	199,562	1/4	183,928	1/4	168,269	1/4	152,548	1/4	136,826	1/4	121,102
1/2	1/2	1/2	1/2	1/2	1/2	1/2	214,816	1/2	199,236	1/2	183,602	1/2	167,942	1/2	152,220	1/2	136,499	1/2	120,774
3/4	3/4	3/4	3/4	3/4	3/4	3/4	214,495	3/4	198,910	3/4	183,276	3/4	167,614	3/4	151,893	3/4	136,171	3/4	120,447
6		6		6		6	214,175	6	198,585	6	182,951	6	167,287	6	151,565	6	135,844	6	120,119
1/4	1/4	1/4	1/4	1/4	1/4	1/4	213,853	1/4	198,259	1/4	182,625	1/4	166,959	1/4	151,238	1/4	135,516	1/4	119,792
1/2	1/2	1/2	1/2	1/2	1/2	1/2	213,532	1/2	197,933	1/2	182,299	1/2	166,632	1/2	150,910	1/2	135,189	1/2	119,464
3/4	3/4	3/4	3/4	3/4	3/4	3/4	213,210	3/4	197,607	3/4	181,974	3/4	166,304	3/4	150,583	3/4	134,861	3/4	119,136
7		7		7		7	212,888	7	197,282	7	181,648	7	165,977	7	150,255	7	134,533	7	118,809
1/4	1/4	1/4	1/4	1/4	1/4	1/4	212,566	1/4	196,956	1/4	181,322	1/4	165,649	1/4	149,927	1/4	134,206	1/4	118,481
1/2	1/2	1/2	1/2	1/2	1/2	1/2	212,244	1/2	196,630	1/2	180,996	1/2	165,322	1/2	149,600	1/2	133,878	1/2	118,154
3/4	3/4	3/4	3/4	3/4	3/4	3/4	211,922	3/4	196,305	3/4	180,671	3/4	164,994	3/4	149,272	3/4	133,551	3/4	117,826
8		8		8		8	211,600	8	195,979	8	180,345	8	164,666	8	148,945	8	133,223	8	117,498
1/4	1/4	1/4	1/4	1/4	1/4	1/4	211,278	1/4	195,653	1/4	180,019	1/4	164,339	1/4	148,617	1/4	132,896	1/4	117,171
1/2	1/2	1/2	1/2	1/2	1/2	1/2	210,955	1/2	195,328	1/2	179,694	1/2	164,011	1/2	148,290	1/2	132,568	1/2	116,843
3/4	3/4	3/4	3/4	3/4	3/4	3/4	210,633	3/4	195,002	3/4	179,368	3/4	163,684	3/4	147,962	3/4	132,241	3/4	116,515
9		9		9		9	210,310	9	194,676	9	179,042	9	163,356	9	147,635	9	131,913	9	116,188
1/4	1/4	1/4	1/4	1/4	1/4	1/4	209,984	1/4	194,350	1/4	178,717	1/4	163,029	1/4	147,307	1/4	131,586	1/4	115,860
1/2	1/2	1/2	1/2	1/2	1/2	1/2	209,659	1/2	194,025	1/2	178,391	1/2	162,701	1/2	146,980	1/2	131,258	1/2	115,533
3/4	3/4	3/4	3/4	3/4	3/4	3/4	209,333	3/4	193,699	3/4	178,065	3/4	162,374	3/4	146,652	3/4	130,930	3/4	115,205
10		10		10		10	209,007	10	193,373	10	177,739	10	162,046	10	146,325	10	130,603	10	114,877
1/4	1/4	1/4	1/4	1/4	1/4	1/4	208,681	1/4	193,048	1/4	177,414	1/4	161,719	1/4	145,997	1/4	130,275	1/4	114,550
1/2	1/2	1/2	1/2	1/2	1/2	1/2	208,356	1/2	192,722	1/2	177,088	1/2	161,391	1/2	145,670	1/2	129,948	1/2	114,222
3/4	3/4	3/4	3/4	3/4	3/4	3/4	208,030	3/4	192,396	3/4	176,762	3/4	161,064	3/4	145,342	3/4	129,620	3/4	113,895
11		11		11		11	207,704	11	192,070	11	176,437	11	160,736	11	145,014	11	129,292	11	113,567
1/4	1/4	1/4	1/4	1/4	1/4	1/4	207,379	1/4	191,745	1/4	176,111	1/4	160,409	1/4	144,687	1/4	128,965	1/4	113,239
1/2	1/2	1/2	1/2	1/2	1/2	1/2	207,053	1/2	191,419	1/2	175,785	1/2	160,081	1/2	144,359	1/2	128,637	1/2	112,912
3/4	3/4	3/4	3/4	3/4	3/4	3/4	206,727	3/4	191,093	3/4	175,459	3/4	159,753	3/4	144,032	3/4	128,309	3/4	112,584

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 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 308"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

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	96,531	0	80,806	0	65,081	0	49,355	0	33,670	0	18,143	0	4,096	0		0		0	
1/4	96,204	1/4	80,478	1/4	64,753	1/4	49,028	1/4	33,343	1/4	17,832	1/4	3,826	1/4	1/4	1/4		1/4	1/4
1/2	95,876	1/2	80,151	1/2	64,425	1/2	48,700	1/2	33,016	1/2	17,520	1/2	3,557	1/2	1/2	1/2		1/2	1/2
3/4	95,548	3/4	79,823	3/4	64,098	3/4	48,373	3/4	32,688	3/4	17,209	3/4	3,287	3/4	3/4	3/4		3/4	3/4
1	95,221	1	79,495	1	63,770	1	48,045	1	32,361	1	16,898	1	3,017	1	1	1		1	1
1/4	94,893	1/4	79,168	1/4	63,443	1/4	47,718	1/4	32,034	1/4	16,590	1/4	2,756	1/4	1/4	1/4		1/4	1/4
1/2	94,566	1/2	78,840	1/2	63,115	1/2	47,391	1/2	31,707	1/2	16,282	1/2	2,496	1/2	1/2	1/2		1/2	1/2
3/4	94,238	3/4	78,513	3/4	62,787	3/4	47,063	3/4	31,380	3/4	15,974	3/4	2,235	3/4	3/4	3/4		3/4	3/4
2	93,910	2	78,185	2	62,460	2	46,736	2	31,053	2	15,666	2	1,974	2	2	2		2	2
1/4	93,583	1/4	77,857	1/4	62,132	1/4	46,409	1/4	30,726	1/4	15,361	1/4	1,762	1/4	1/4	1/4		1/4	1/4
1/2	93,255	1/2	77,530	1/2	61,805	1/2	46,082	1/2	30,398	1/2	15,056	1/2	1,550	1/2	1/2	1/2		1/2	1/2
3/4	92,928	3/4	77,202	3/4	61,477	3/4	45,755	3/4	30,071	3/4	14,752	3/4	1,337	3/4	3/4	3/4		3/4	3/4
3	92,600	3	76,875	3	61,149	3	45,427	3	29,744	3	14,447	3	1,125	3	3	3		3	3
1/4	92,272	1/4	76,547	1/4	60,822	1/4	45,101	1/4	29,416	1/4	14,146	1/4	990	1/4	1/4	1/4		1/4	1/4
1/2	91,945	1/2	76,219	1/2	60,494	1/2	44,774	1/2	29,089	1/2	13,845	1/2	855	1/2	1/2	1/2		1/2	1/2
3/4	91,617	3/4	75,892	3/4	60,166	3/4	44,447	3/4	28,761	3/4	13,544	3/4	720	3/4	3/4	3/4		3/4	3/4
4	91,289	4	75,564	4	59,839	4	44,120	4	28,434	4	13,243	4	585	4	4	4		4	4
1/4	90,962	1/4	75,237	1/4	59,511	1/4	43,793	1/4	28,106	1/4	12,945	1/4		1/4	1/4	1/4		1/4	1/4
1/2	90,634	1/2	74,909	1/2	59,184	1/2	43,466	1/2	27,778	1/2	12,647	1/2		1/2	1/2	1/2		1/2	1/2
3/4	90,307	3/4	74,581	3/4	58,856	3/4	43,139	3/4	27,451	3/4	12,349	3/4		3/4	3/4	3/4		3/4	3/4
5	89,979	5	74,254	5	58,528	5	42,813	5	27,123	5	12,051	5	5	5	5	5		5	5
1/4	89,651	1/4	73,926	1/4	58,201	1/4	42,486	1/4	26,796	1/4	11,757	1/4		1/4	1/4	1/4		1/4	1/4
1/2	89,324	1/2	73,598	1/2	57,873	1/2	42,160	1/2	26,468	1/2	11,463	1/2		1/2	1/2	1/2		1/2	1/2
3/4	88,996	3/4	73,271	3/4	57,546	3/4	41,833	3/4	26,140	3/4	11,168	3/4		3/4	3/4	3/4		3/4	3/4
6	88,669	6	72,943	6	57,218	6	41,507	6	25,813	6	10,874	6	6	6	6	6		6	6
1/4	88,341	1/4	72,616	1/4	56,890	1/4	41,180	1/4	25,486	1/4	10,583	1/4		1/4	1/4	1/4		1/4	1/4
1/2	88,013	1/2	72,288	1/2	56,563	1/2	40,854	1/2	25,160	1/2	10,292	1/2		1/2	1/2	1/2		1/2	1/2
3/4	87,686	3/4	71,960	3/4	56,235	3/4	40,528	3/4	24,833	3/4	10,001	3/4		3/4	3/4	3/4		3/4	3/4
7	87,358	7	71,633	7	55,908	7	40,201	7	24,507	7	9,710	7	7	7	7	7		7	7
1/4	87,031	1/4	71,305	1/4	55,580	1/4	39,875	1/4	24,188	1/4	9,423	1/4		1/4	1/4	1/4		1/4	1/4
1/2	86,703	1/2	70,978	1/2	55,252	1/2	39,548	1/2	23,869	1/2	9,135	1/2		1/2	1/2	1/2		1/2	1/2
3/4	86,375	3/4	70,650	3/4	54,925	3/4	39,222	3/4	23,550	3/4	8,848	3/4		3/4	3/4	3/4		3/4	3/4
8	86,048	8	70,322	8	54,597	8	38,896	8	23,232	8	8,560	8	8	8	8	8		8	8
1/4	85,720	1/4	69,995	1/4	54,269	1/4	38,569	1/4	22,914	1/4	8,276	1/4		1/4	1/4	1/4		1/4	1/4
1/2	85,392	1/2	69,667	1/2	53,942	1/2	38,243	1/2	22,597	1/2	7,992	1/2		1/2	1/2	1/2		1/2	1/2
3/4	85,065	3/4	69,340	3/4	53,614	3/4	37,916	3/4	22,279	3/4	7,708	3/4		3/4	3/4	3/4		3/4	3/4
9	84,737	9	69,012	9	53,287	9	37,590	9	21,962	9	7,424	9	9	9	9	9		9	9
1/4	84,410	1/4	68,684	1/4	52,959	1/4	37,264	1/4	21,640	1/4	7,143	1/4		1/4	1/4	1/4		1/4	1/4
1/2	84,082	1/2	68,357	1/2	52,631	1/2	36,937	1/2	21,319	1/2	6,862	1/2		1/2	1/2	1/2		1/2	1/2
3/4	83,754	3/4	68,029	3/4	52,304	3/4	36,611	3/4	20,997	3/4	6,581	3/4		3/4	3/4	3/4		3/4	3/4
10	83,427	10	67,701	10	51,976	10	36,284	10	20,675	10	6,301	10	10	10	10	10		10	10
1/4	83,099	1/4	67,374	1/4	51,649	1/4	35,958	1/4	20,357	1/4	6,023	1/4		1/4	1/4	1/4		1/4	1/4
1/2	82,772	1/2	67,046	1/2	51,321	1/2	35,631	1/2	20,039	1/2	5,746	1/2		1/2	1/2	1/2		1/2	1/2
3/4	82,444	3/4	66,719	3/4	50,993	3/4	35,305	3/4	19,721	3/4	5,469	3/4		3/4	3/4	3/4		3/4	3/4
11	82,116	11	66,391	11	50,666	11	34,978	11	19,402	11	5,191	11	11	11	11	11		11	11
1/4	81,789	1/4	66,063	1/4	50,338	1/4	34,651	1/4	19,088	1/4	4,918	1/4		1/4	1/4	1/4		1/4	1/4
1/2	81,461	1/2	65,736	1/2	50,011	1/2	34,324	1/2	18,773	1/2	4,644	1/2		1/2	1/2	1/2		1/2	1/2
3/4	81,134	3/4	65,408	3/4	49,683	3/4	33,997	3/4	18,458	3/4	4,370	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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		0	201,868	0	186,796	0	171,725	0	156,582	0	141,423	0	126,264	0	111,101
1/4	1/4	1/4	1/4	1/4	1/4	1/4	201,554	1/4	186,482	1/4	171,411	1/4	156,266	1/4	141,108	1/4	125,948	1/4	110,785
1/2	1/2	1/2	1/2	1/2	1/2	1/2	201,240	1/2	186,168	1/2	171,097	1/2	155,950	1/2	140,792	1/2	125,632	1/2	110,469
3/4	3/4	3/4	3/4	3/4	3/4	3/4	214,943	3/4	200,926	3/4	185,854	3/4	170,783	3/4	155,635	3/4	140,476	3/4	125,316
1		1		1		1	214,784	1	200,612	1	185,541	1	170,469	1	155,319	1	140,160	1	125,000
1/4	1/4	1/4	1/4	1/4	1/4	1/4	214,624	1/4	200,298	1/4	185,227	1/4	170,155	1/4	155,003	1/4	139,844	1/4	124,684
1/2	1/2	1/2	1/2	1/2	1/2	1/2	214,413	1/2	199,984	1/2	184,913	1/2	169,841	1/2	154,687	1/2	139,528	1/2	124,368
3/4	3/4	3/4	3/4	3/4	3/4	3/4	214,201	3/4	199,670	3/4	184,599	3/4	169,527	3/4	154,371	3/4	139,213	3/4	124,052
2		2		2		2	213,989	2	199,356	2	184,285	2	169,213	2	154,056	2	138,897	2	123,737
1/4	1/4	1/4	1/4	1/4	1/4	1/4	213,777	1/4	199,042	1/4	183,971	1/4	168,899	1/4	153,740	1/4	138,581	1/4	123,421
1/2	1/2	1/2	1/2	1/2	1/2	1/2	213,513	1/2	198,728	1/2	183,657	1/2	168,583	1/2	153,424	1/2	138,265	1/2	123,105
3/4	3/4	3/4	3/4	3/4	3/4	3/4	213,250	3/4	198,414	3/4	183,343	3/4	168,267	3/4	153,108	3/4	137,949	3/4	122,789
3		3		3		3	212,987	3	198,100	3	183,029	3	167,951	3	152,792	3	137,634	3	122,473
1/4	1/4	1/4	1/4	1/4	1/4	1/4	212,723	1/4	197,786	1/4	182,715	1/4	167,635	1/4	152,477	1/4	137,318	1/4	122,157
1/2	1/2	1/2	1/2	1/2	1/2	1/2	212,421	1/2	197,472	1/2	182,401	1/2	167,320	1/2	152,161	1/2	137,002	1/2	121,841
3/4	3/4	3/4	3/4	3/4	3/4	3/4	212,119	3/4	197,158	3/4	182,087	3/4	167,004	3/4	151,845	3/4	136,686	3/4	121,525
4		4		4		4	211,816	4	196,844	4	181,773	4	166,688	4	151,529	4	136,370	4	121,209
1/4	1/4	1/4	1/4	1/4	1/4	1/4	211,514	1/4	196,530	1/4	181,459	1/4	166,372	1/4	151,213	1/4	136,055	1/4	120,894
1/2	1/2	1/2	1/2	1/2	1/2	1/2	211,206	1/2	196,216	1/2	181,145	1/2	166,056	1/2	150,898	1/2	135,739	1/2	120,578
3/4	3/4	3/4	3/4	3/4	3/4	3/4	210,898	3/4	195,902	3/4	180,831	3/4	165,740	3/4	150,582	3/4	135,423	3/4	120,262
5		5		5		5	210,590	5	195,588	5	180,517	5	165,425	5	150,266	5	135,107	5	119,946
1/4	1/4	1/4	1/4	1/4	1/4	1/4	210,282	1/4	195,274	1/4	180,203	1/4	165,109	1/4	149,950	1/4	134,791	1/4	119,630
1/2	1/2	1/2	1/2	1/2	1/2	1/2	209,973	1/2	194,960	1/2	179,889	1/2	164,793	1/2	149,634	1/2	134,476	1/2	119,314
3/4	3/4	3/4	3/4	3/4	3/4	3/4	209,664	3/4	194,646	3/4	179,575	3/4	164,477	3/4	149,318	3/4	134,160	3/4	118,998
6		6		6		6	209,355	6	194,332	6	179,261	6	164,161	6	149,003	6	133,844	6	118,682
1/4	1/4	1/4	1/4	1/4	1/4	1/4	209,046	1/4	194,018	1/4	178,947	1/4	163,846	1/4	148,687	1/4	133,528	1/4	118,367
1/2	1/2	1/2	1/2	1/2	1/2	1/2	208,736	1/2	193,704	1/2	178,633	1/2	163,530	1/2	148,371	1/2	133,212	1/2	118,051
3/4	3/4	3/4	3/4	3/4	3/4	3/4	208,426	3/4	193,390	3/4	178,319	3/4	163,214	3/4	148,055	3/4	132,897	3/4	117,735
7		7		7		7	208,116	7	193,076	7	178,005	7	162,898	7	147,739	7	132,581	7	117,419
1/4	1/4	1/4	1/4	1/4	1/4	1/4	207,806	1/4	192,762	1/4	177,691	1/4	162,582	1/4	147,424	1/4	132,265	1/4	117,103
1/2	1/2	1/2	1/2	1/2	1/2	1/2	207,496	1/2	192,448	1/2	177,377	1/2	162,267	1/2	147,108	1/2	131,949	1/2	116,787
3/4	3/4	3/4	3/4	3/4	3/4	3/4	207,186	3/4	192,134	3/4	177,063	3/4	161,951	3/4	146,792	3/4	131,633	3/4	116,471
8		8		8		8	206,875	8	191,820	8	176,749	8	161,635	8	146,476	8	131,317	8	116,155
1/4	1/4	1/4	1/4	1/4	1/4	1/4	206,565	1/4	191,506	1/4	176,435	1/4	161,319	1/4	146,160	1/4	131,002	1/4	115,839
1/2	1/2	1/2	1/2	1/2	1/2	1/2	206,254	1/2	191,192	1/2	176,121	1/2	161,003	1/2	145,845	1/2	130,686	1/2	115,524
3/4	3/4	3/4	3/4	3/4	3/4	3/4	205,943	3/4	190,878	3/4	175,807	3/4	160,688	3/4	145,529	3/4	130,370	3/4	115,208
9		9		9		9	205,632	9	190,564	9	175,493	9	160,372	9	145,213	9	130,054	9	114,892
1/4	1/4	1/4	1/4	1/4	1/4	1/4	205,321	1/4	190,250	1/4	175,179	1/4	160,056	1/4	144,897	1/4	129,738	1/4	114,576
1/2	1/2	1/2	1/2	1/2	1/2	1/2	205,007	1/2	189,936	1/2	174,865	1/2	159,740	1/2	144,581	1/2	129,423	1/2	114,260
3/4	3/4	3/4	3/4	3/4	3/4	3/4	204,693	3/4	189,622	3/4	174,551	3/4	159,424	3/4	144,266	3/4	129,107	3/4	113,944
10		10		10		10	204,379	10	189,308	10	174,237	10	159,109	10	143,950	10	128,791	10	113,628
1/4	1/4	1/4	1/4	1/4	1/4	1/4	204,065	1/4	188,994	1/4	173,923	1/4	158,793	1/4	143,634	1/4	128,475	1/4	113,312
1/2	1/2	1/2	1/2	1/2	1/2	1/2	203,751	1/2	188,680	1/2	173,609	1/2	158,477	1/2	143,318	1/2	128,159	1/2	112,996
3/4	3/4	3/4	3/4	3/4	3/4	3/4	203,437	3/4	188,366	3/4	173,295	3/4	158,161	3/4	143,002	3/4	127,843	3/4	112,681
11		11		11		11	203,124	11	188,052	11	172,981	11	157,845	11	142,687	11	127,527	11	112,365
1/4	1/4	1/4	1/4	1/4	1/4	1/4	202,810	1/4	187,738	1/4	172,667	1/4	157,529	1/4	142,371	1/4	127,211	1/4	112,049
1/2	1/2	1/2	1/2	1/2	1/2	1/2	202,496	1/2	187,424	1/2	172,353	1/2	157,214	1/2	142,055	1/2	126,895	1/2	111,733
3/4	3/4	3/4	3/4	3/4	3/4	3/4	202,182	3/4	187,110	3/4	172,039	3/4	156,898	3/4	141,739	3/4	126,580	3/4	111,417

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 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 308"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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	95,939	0	80,776	0	65,614	0	50,451	0	35,548	0	20,386	0	5,225	0		0		0	
1/4	95,623	1/4	80,460	1/4	65,298	1/4	50,135	1/4	35,233	1/4	20,071	1/4	4,909	1/4	1/4	1/4		1/4	1/4
1/2	95,307	1/2	80,144	1/2	64,982	1/2	49,820	1/2	34,917	1/2	19,755	1/2	4,594	1/2	1/2	1/2		1/2	1/2
3/4	94,991	3/4	79,829	3/4	64,666	3/4	49,505	3/4	34,601	3/4	19,439	3/4	4,278	3/4	3/4	3/4		3/4	3/4
1	94,675	1	79,513	1	64,350	1	49,190	1	34,285	1	19,123	1	3,963	1	1	1		1	1
1/4	94,359	1/4	79,197	1/4	64,034	1/4	48,875	1/4	33,969	1/4	18,807	1/4	3,648	1/4	1/4	1/4		1/4	1/4
1/2	94,043	1/2	78,881	1/2	63,718	1/2	48,565	1/2	33,653	1/2	18,491	1/2	3,338	1/2	1/2	1/2		1/2	1/2
3/4	93,727	3/4	78,565	3/4	63,403	3/4	48,256	3/4	33,337	3/4	18,175	3/4	3,029	3/4	3/4	3/4		3/4	3/4
2	93,412	2	78,249	2	63,087	2	47,946	2	33,021	2	17,859	2	2,719	2	2	2		2	2
1/4	93,096	1/4	77,933	1/4	62,771	1/4	47,636	1/4	32,706	1/4	17,544	1/4	2,409	1/4	1/4	1/4		1/4	1/4
1/2	92,780	1/2	77,617	1/2	62,455	1/2	47,327	1/2	32,390	1/2	17,228	1/2	2,143	1/2	1/2	1/2		1/2	1/2
3/4	92,464	3/4	77,301	3/4	62,139	3/4	47,017	3/4	32,074	3/4	16,912	3/4	1,876	3/4	3/4	3/4		3/4	3/4
3	92,148	3	76,986	3	61,823	3	46,707	3	31,758	3	16,596	3	1,610	3	3	3		3	3
1/4	91,832	1/4	76,670	1/4	61,507	1/4	46,398	1/4	31,442	1/4	16,280	1/4	1,343	1/4	1/4	1/4		1/4	1/4
1/2	91,516	1/2	76,354	1/2	61,191	1/2	46,088	1/2	31,126	1/2	15,964	1/2	1,156	1/2	1/2	1/2		1/2	1/2
3/4	91,200	3/4	76,038	3/4	60,875	3/4	45,779	3/4	30,810	3/4	15,648	3/4	968	3/4	3/4	3/4		3/4	3/4
4	90,885	4	75,722	4	60,560	4	45,470	4	30,494	4	15,332	4	781	4	4	4		4	4
1/4	90,569	1/4	75,406	1/4	60,244	1/4	45,160	1/4	30,179	1/4	15,017	1/4	593	1/4	1/4	1/4		1/4	1/4
1/2	90,253	1/2	75,090	1/2	59,928	1/2	44,851	1/2	29,863	1/2	14,701	1/2		1/2	1/2	1/2		1/2	1/2
3/4	89,937	3/4	74,774	3/4	59,612	3/4	44,542	3/4	29,547	3/4	14,385	3/4		3/4	3/4	3/4		3/4	3/4
5	89,621	5	74,459	5	59,296	5	44,232	5	29,231	5	14,069	5		5	5	5		5	5
1/4	89,305	1/4	74,143	1/4	58,980	1/4	43,923	1/4	28,915	1/4	13,753	1/4		1/4	1/4	1/4		1/4	1/4
1/2	88,989	1/2	73,827	1/2	58,664	1/2	43,614	1/2	28,599	1/2	13,437	1/2		1/2	1/2	1/2		1/2	1/2
3/4	88,673	3/4	73,511	3/4	58,348	3/4	43,305	3/4	28,283	3/4	13,121	3/4		3/4	3/4	3/4		3/4	3/4
6	88,357	6	73,195	6	58,032	6	42,995	6	27,967	6	12,805	6		6	6	6		6	6
1/4	88,042	1/4	72,879	1/4	57,717	1/4	42,686	1/4	27,652	1/4	12,490	1/4		1/4	1/4	1/4		1/4	1/4
1/2	87,726	1/2	72,563	1/2	57,401	1/2	42,377	1/2	27,336	1/2	12,174	1/2		1/2	1/2	1/2		1/2	1/2
3/4	87,410	3/4	72,247	3/4	57,085	3/4	42,067	3/4	27,020	3/4	11,858	3/4		3/4	3/4	3/4		3/4	3/4
7	87,094	7	71,931	7	56,769	7	41,758	7	26,704	7	11,542	7		7	7	7		7	7
1/4	86,778	1/4	71,616	1/4	56,453	1/4	41,449	1/4	26,388	1/4	11,226	1/4		1/4	1/4	1/4		1/4	1/4
1/2	86,462	1/2	71,300	1/2	56,137	1/2	41,139	1/2	26,072	1/2	10,910	1/2		1/2	1/2	1/2		1/2	1/2
3/4	86,146	3/4	70,984	3/4	55,821	3/4	40,830	3/4	25,756	3/4	10,594	3/4		3/4	3/4	3/4		3/4	3/4
8	85,830	8	70,668	8	55,505	8	40,521	8	25,440	8	10,278	8		8	8	8		8	8
1/4	85,514	1/4	70,352	1/4	55,190	1/4	40,211	1/4	25,125	1/4	9,963	1/4		1/4	1/4	1/4		1/4	1/4
1/2	85,199	1/2	70,036	1/2	54,874	1/2	39,902	1/2	24,809	1/2	9,647	1/2		1/2	1/2	1/2		1/2	1/2
3/4	84,883	3/4	69,720	3/4	54,558	3/4	39,593	3/4	24,493	3/4	9,331	3/4		3/4	3/4	3/4		3/4	3/4
9	84,567	9	69,404	9	54,242	9	39,283	9	24,177	9	9,015	9		9	9	9		9	9
1/4	84,251	1/4	69,088	1/4	53,926	1/4	38,974	1/4	23,861	1/4	8,699	1/4		1/4	1/4	1/4		1/4	1/4
1/2	83,935	1/2	68,773	1/2	53,610	1/2	38,665	1/2	23,545	1/2	8,383	1/2		1/2	1/2	1/2		1/2	1/2
3/4	83,619	3/4	68,457	3/4	53,294	3/4	38,355	3/4	23,229	3/4	8,067	3/4		3/4	3/4	3/4		3/4	3/4
10	83,303	10	68,141	10	52,978	10	38,046	10	22,913	10	7,751	10		10	10	10		10	10
1/4	82,987	1/4	67,825	1/4	52,662	1/4	37,737	1/4	22,598	1/4	7,436	1/4		1/4	1/4	1/4		1/4	1/4
1/2	82,672	1/2	67,509	1/2	52,347	1/2	37,427	1/2	22,282	1/2	7,120	1/2		1/2	1/2	1/2		1/2	1/2
3/4	82,356	3/4	67,193	3/4	52,031	3/4	37,116	3/4	21,966	3/4	6,804	3/4		3/4	3/4	3/4		3/4	3/4
11	82,040	11	66,877	11	51,715	11	36,806	11	21,650	11	6,488	11		11	11	11		11	11
1/4	81,724	1/4	66,561	1/4	51,399	1/4	36,496	1/4	21,334	1/4	6,172	1/4		1/4	1/4	1/4		1/4	1/4
1/2	81,408	1/2	66,245	1/2	51,083	1/2	36,180	1/2	21,018	1/2	5,856	1/2		1/2	1/2	1/2		1/2	1/2
3/4	81,092	3/4	65,930	3/4	50,767	3/4	35,864	3/4	20,702	3/4	5,540	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	201,590	0	186,534	0	171,478	0	156,349	0	141,206	0	126,061	0	110,913
1/4		1/4		1/4		1/4	201,277	1/4	186,220	1/4	171,164	1/4	156,034	1/4	140,890	1/4	125,745	1/4	110,598
1/2		1/2		1/2		1/2	200,963	1/2	185,907	1/2	170,850	1/2	155,718	1/2	140,575	1/2	125,430	1/2	110,282
3/4		3/4		3/4	214,653	3/4	200,649	3/4	185,593	3/4	170,537	3/4	155,403	3/4	140,259	3/4	125,114	3/4	109,966
1		1		1	214,494	1	200,336	1	185,279	1	170,223	1	155,087	1	139,944	1	124,798	1	109,651
1/4		1/4		1/4	214,335	1/4	200,022	1/4	184,966	1/4	169,909	1/4	154,772	1/4	139,628	1/4	124,483	1/4	109,335
1/2		1/2		1/2	214,123	1/2	199,708	1/2	184,652	1/2	169,595	1/2	154,456	1/2	139,313	1/2	124,167	1/2	109,020
3/4		3/4		3/4	213,911	3/4	199,395	3/4	184,338	3/4	169,282	3/4	154,141	3/4	138,997	3/4	123,852	3/4	108,704
2		2		2	213,700	2	199,081	2	184,025	2	168,968	2	153,825	2	138,682	2	123,536	2	108,389
1/4		1/4		1/4	213,488	1/4	198,767	1/4	183,711	1/4	168,654	1/4	153,510	1/4	138,366	1/4	123,221	1/4	108,073
1/2		1/2		1/2	213,225	1/2	198,454	1/2	183,397	1/2	168,338	1/2	153,194	1/2	138,051	1/2	122,905	1/2	107,757
3/4		3/4		3/4	212,962	3/4	198,140	3/4	183,084	3/4	168,023	3/4	152,879	3/4	137,735	3/4	122,589	3/4	107,442
3		3		3	212,699	3	197,826	3	182,770	3	167,707	3	152,563	3	137,420	3	122,274	3	107,126
1/4		1/4		1/4	212,435	1/4	197,513	1/4	182,456	1/4	167,392	1/4	152,248	1/4	137,104	1/4	121,958	1/4	106,811
1/2		1/2		1/2	212,133	1/2	197,199	1/2	182,143	1/2	167,076	1/2	151,932	1/2	136,789	1/2	121,643	1/2	106,495
3/4		3/4		3/4	211,831	3/4	196,885	3/4	181,829	3/4	166,761	3/4	151,617	3/4	136,473	3/4	121,327	3/4	106,180
4		4		4	211,529	4	196,572	4	181,515	4	166,445	4	151,301	4	136,158	4	121,012	4	105,864
1/4		1/4		1/4	211,227	1/4	196,258	1/4	181,202	1/4	166,130	1/4	150,986	1/4	135,842	1/4	120,696	1/4	105,548
1/2		1/2		1/2	210,920	1/2	195,944	1/2	180,888	1/2	165,814	1/2	150,670	1/2	135,527	1/2	120,380	1/2	105,233
3/4		3/4		3/4	210,612	3/4	195,631	3/4	180,574	3/4	165,499	3/4	150,355	3/4	135,211	3/4	120,065	3/4	104,917
5		5		5	210,304	5	195,317	5	180,261	5	165,183	5	150,039	5	134,896	5	119,749	5	104,602
1/4		1/4		1/4	209,997	1/4	195,003	1/4	179,947	1/4	164,868	1/4	149,724	1/4	134,580	1/4	119,434	1/4	104,286
1/2		1/2		1/2	209,688	1/2	194,690	1/2	179,633	1/2	164,552	1/2	149,408	1/2	134,265	1/2	119,118	1/2	103,971
3/4		3/4		3/4	209,379	3/4	194,376	3/4	179,320	3/4	164,237	3/4	149,093	3/4	133,949	3/4	118,803	3/4	103,655
6		6		6	209,070	6	194,062	6	179,006	6	163,921	6	148,777	6	133,634	6	118,487	6	103,339
1/4		1/4		1/4	208,761	1/4	193,749	1/4	178,692	1/4	163,606	1/4	148,462	1/4	133,318	1/4	118,171	1/4	103,024
1/2		1/2		1/2	208,452	1/2	193,435	1/2	178,379	1/2	163,290	1/2	148,146	1/2	133,003	1/2	117,856	1/2	102,708
3/4		3/4		3/4	208,142	3/4	193,121	3/4	178,065	3/4	162,975	3/4	147,831	3/4	132,687	3/4	117,540	3/4	102,393
7		7		7	207,833	7	192,808	7	177,751	7	162,659	7	147,515	7	132,372	7	117,225	7	102,077
1/4		1/4		1/4	207,523	1/4	192,494	1/4	177,437	1/4	162,344	1/4	147,200	1/4	132,056	1/4	116,909	1/4	101,762
1/2		1/2		1/2	207,213	1/2	192,180	1/2	177,124	1/2	162,028	1/2	146,884	1/2	131,741	1/2	116,594	1/2	101,446
3/4		3/4		3/4	206,903	3/4	191,866	3/4	176,810	3/4	161,713	3/4	146,569	3/4	131,425	3/4	116,278	3/4	101,130
8		8		8	206,593	8	191,553	8	176,496	8	161,397	8	146,253	8	131,110	8	115,962	8	100,815
1/4		1/4		1/4	206,283	1/4	191,239	1/4	176,183	1/4	161,082	1/4	145,938	1/4	130,794	1/4	115,647	1/4	100,499
1/2		1/2		1/2	205,973	1/2	190,925	1/2	175,869	1/2	160,766	1/2	145,622	1/2	130,479	1/2	115,331	1/2	100,184
3/4		3/4		3/4	205,662	3/4	190,612	3/4	175,555	3/4	160,451	3/4	145,307	3/4	130,163	3/4	115,016	3/4	99,868
9		9		9	205,351	9	190,298	9	175,242	9	160,135	9	144,991	9	129,848	9	114,700	9	99,553
1/4		1/4		1/4	205,041	1/4	189,984	1/4	174,928	1/4	159,820	1/4	144,676	1/4	129,532	1/4	114,385	1/4	99,237
1/2		1/2		1/2	204,727	1/2	189,671	1/2	174,614	1/2	159,504	1/2	144,360	1/2	129,217	1/2	114,069	1/2	98,921
3/4		3/4		3/4	204,413	3/4	189,357	3/4	174,301	3/4	159,189	3/4	144,045	3/4	128,901	3/4	113,753	3/4	98,606
10		10		10	204,100	10	189,043	10	173,987	10	158,873	10	143,729	10	128,585	10	113,438	10	98,290
1/4		1/4		1/4	203,786	1/4	188,730	1/4	173,673	1/4	158,558	1/4	143,414	1/4	128,270	1/4	113,122	1/4	97,975
1/2		1/2		1/2	203,472	1/2	188,416	1/2	173,360	1/2	158,242	1/2	143,098	1/2	127,954	1/2	112,807	1/2	97,659
3/4		3/4		3/4	203,159	3/4	188,102	3/4	173,046	3/4	157,927	3/4	142,783	3/4	127,639	3/4	112,491	3/4	97,343
11		11		11	202,845	11	187,789	11	172,732	11	157,611	11	142,467	11	127,323	11	112,175	11	97,028
1/4		1/4		1/4	202,531	1/4	187,475	1/4	172,419	1/4	157,296	1/4	142,152	1/4	127,007	1/4	111,860	1/4	96,712
1/2		1/2		1/2	202,218	1/2	187,161	1/2	172,105	1/2	156,980	1/2	141,837	1/2	126,692	1/2	111,544	1/2	96,397
3/4		3/4		3/4	201,904	3/4	186,848	3/4	171,791	3/4	156,665	3/4	141,521	3/4	126,376	3/4	111,229	3/4	96,081

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 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 308"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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	95,766	0	80,618	0	65,470	0	50,323	0	35,480	0	20,366	0	5,220	0		0		0	
1/4	95,450	1/4	80,302	1/4	65,155	1/4	50,007	1/4	35,172	1/4	20,051	1/4	4,904	1/4	1/4	1/4		1/4	1/4
1/2	95,134	1/2	79,987	1/2	64,839	1/2	49,692	1/2	34,863	1/2	19,735	1/2	4,589	1/2	1/2	1/2		1/2	1/2
3/4	94,819	3/4	79,671	3/4	64,524	3/4	49,377	3/4	34,554	3/4	19,420	3/4	4,274	3/4	3/4	3/4		3/4	3/4
1	94,503	1	79,356	1	64,208	1	49,061	1	34,245	1	19,104	1	3,959	1	1	1		1	1
1/4	94,188	1/4	79,040	1/4	63,893	1/4	48,746	1/4	33,936	1/4	18,789	1/4	3,644	1/4	1/4	1/4		1/4	1/4
1/2	93,872	1/2	78,725	1/2	63,577	1/2	48,432	1/2	33,620	1/2	18,473	1/2	3,335	1/2	1/2	1/2		1/2	1/2
3/4	93,557	3/4	78,409	3/4	63,261	3/4	48,119	3/4	33,305	3/4	18,157	3/4	3,026	3/4	3/4	3/4		3/4	3/4
2	93,241	2	78,093	2	62,946	2	47,805	2	32,989	2	17,842	2	2,716	2	2	2		2	2
1/4	92,925	1/4	77,778	1/4	62,630	1/4	47,491	1/4	32,673	1/4	17,526	1/4	2,407	1/4	1/4	1/4		1/4	1/4
1/2	92,610	1/2	77,462	1/2	62,315	1/2	47,178	1/2	32,358	1/2	17,211	1/2	2,141	1/2	1/2	1/2		1/2	1/2
3/4	92,294	3/4	77,147	3/4	61,999	3/4	46,865	3/4	32,042	3/4	16,895	3/4	1,874	3/4	3/4	3/4		3/4	3/4
3	91,979	3	76,831	3	61,684	3	46,553	3	31,727	3	16,580	3	1,608	3	3	3		3	3
1/4	91,663	1/4	76,516	1/4	61,368	1/4	46,240	1/4	31,411	1/4	16,264	1/4	1,342	1/4	1/4	1/4		1/4	1/4
1/2	91,348	1/2	76,200	1/2	61,052	1/2	45,932	1/2	31,096	1/2	15,948	1/2	1,155	1/2	1/2	1/2		1/2	1/2
3/4	91,032	3/4	75,884	3/4	60,737	3/4	45,625	3/4	30,780	3/4	15,633	3/4	967	3/4	3/4	3/4		3/4	3/4
4	90,716	4	75,569	4	60,421	4	45,318	4	30,464	4	15,317	4	780	4	4	4		4	4
1/4	90,401	1/4	75,253	1/4	60,106	1/4	45,010	1/4	30,149	1/4	15,002	1/4	593	1/4	1/4	1/4		1/4	1/4
1/2	90,085	1/2	74,938	1/2	59,790	1/2	44,703	1/2	29,833	1/2	14,686	1/2		1/2	1/2	1/2		1/2	1/2
3/4	89,770	3/4	74,622	3/4	59,475	3/4	44,396	3/4	29,518	3/4	14,371	3/4		3/4	3/4	3/4		3/4	3/4
5	89,454	5	74,307	5	59,159	5	44,088	5	29,202	5	14,055	5	5	5	5	5		5	5
1/4	89,139	1/4	73,991	1/4	58,843	1/4	43,781	1/4	28,887	1/4	13,740	1/4		1/4	1/4	1/4		1/4	1/4
1/2	88,823	1/2	73,675	1/2	58,528	1/2	43,474	1/2	28,571	1/2	13,424	1/2		1/2	1/2	1/2		1/2	1/2
3/4	88,507	3/4	73,360	3/4	58,212	3/4	43,166	3/4	28,256	3/4	13,108	3/4		3/4	3/4	3/4		3/4	3/4
6	88,192	6	73,044	6	57,897	6	42,859	6	27,940	6	12,793	6	6	6	6	6		6	6
1/4	87,876	1/4	72,729	1/4	57,581	1/4	42,551	1/4	27,624	1/4	12,477	1/4		1/4	1/4	1/4		1/4	1/4
1/2	87,561	1/2	72,413	1/2	57,266	1/2	42,244	1/2	27,309	1/2	12,162	1/2		1/2	1/2	1/2		1/2	1/2
3/4	87,245	3/4	72,098	3/4	56,950	3/4	41,937	3/4	26,993	3/4	11,846	3/4		3/4	3/4	3/4		3/4	3/4
7	86,930	7	71,782	7	56,634	7	41,629	7	26,678	7	11,531	7	7	7	7	7		7	7
1/4	86,614	1/4	71,466	1/4	56,319	1/4	41,322	1/4	26,362	1/4	11,215	1/4		1/4	1/4	1/4		1/4	1/4
1/2	86,298	1/2	71,151	1/2	56,003	1/2	41,015	1/2	26,047	1/2	10,899	1/2		1/2	1/2	1/2		1/2	1/2
3/4	85,983	3/4	70,835	3/4	55,688	3/4	40,707	3/4	25,731	3/4	10,584	3/4		3/4	3/4	3/4		3/4	3/4
8	85,667	8	70,520	8	55,372	8	40,400	8	25,415	8	10,268	8	8	8	8	8		8	8
1/4	85,352	1/4	70,204	1/4	55,056	1/4	40,093	1/4	25,100	1/4	9,953	1/4		1/4	1/4	1/4		1/4	1/4
1/2	85,036	1/2	69,888	1/2	54,741	1/2	39,785	1/2	24,784	1/2	9,637	1/2		1/2	1/2	1/2		1/2	1/2
3/4	84,721	3/4	69,573	3/4	54,425	3/4	39,478	3/4	24,469	3/4	9,322	3/4		3/4	3/4	3/4		3/4	3/4
9	84,405	9	69,257	9	54,110	9	39,171	9	24,153	9	9,006	9	9	9	9	9		9	9
1/4	84,089	1/4	68,942	1/4	53,794	1/4	38,863	1/4	23,838	1/4	8,690	1/4		1/4	1/4	1/4		1/4	1/4
1/2	83,774	1/2	68,626	1/2	53,479	1/2	38,556	1/2	23,522	1/2	8,375	1/2		1/2	1/2	1/2		1/2	1/2
3/4	83,458	3/4	68,311	3/4	53,163	3/4	38,248	3/4	23,206	3/4	8,059	3/4		3/4	3/4	3/4		3/4	3/4
10	83,143	10	67,995	10	52,847	10	37,941	10	22,891	10	7,744	10	10	10	10	10		10	10
1/4	82,827	1/4	67,679	1/4	52,532	1/4	37,634	1/4	22,575	1/4	7,428	1/4		1/4	1/4	1/4		1/4	1/4
1/2	82,511	1/2	67,364	1/2	52,216	1/2	37,326	1/2	22,260	1/2	7,113	1/2		1/2	1/2	1/2		1/2	1/2
3/4	82,196	3/4	67,048	3/4	51,901	3/4	37,019	3/4	21,944	3/4	6,797	3/4		3/4	3/4	3/4		3/4	3/4
11	81,880	11	66,733	11	51,585	11	36,711	11	21,629	11	6,482	11	11	11	11	11		11	11
1/4	81,565	1/4	66,417	1/4	51,270	1/4	36,404	1/4	21,313	1/4	6,166	1/4		1/4	1/4	1/4		1/4	1/4
1/2	81,249	1/2	66,102	1/2	50,954	1/2	36,096	1/2	20,998	1/2	5,850	1/2		1/2	1/2	1/2		1/2	1/2
3/4	80,934	3/4	65,786	3/4	50,638	3/4	35,788	3/4	20,682	3/4	5,535	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	205,855	0	194,753	0	182,818	0	170,883	0	158,884	0	144,228	0	128,657	0	113,086
1/4	1/4	1/4	1/4	1/4	205,729	1/4	194,504	1/4	182,569	1/4	170,635	1/4	158,632	1/4	143,904	1/4	128,333	1/4	112,761
1/2	1/2	1/2	1/2	1/2	205,603	1/2	194,255	1/2	182,321	1/2	170,386	1/2	158,379	1/2	143,579	1/2	128,009	1/2	112,437
3/4	3/4	3/4	3/4	3/4	205,435	3/4	194,007	3/4	182,072	3/4	170,137	3/4	158,116	3/4	143,255	3/4	127,684	3/4	112,113
1		1		1	205,267	1	193,758	1	181,823	1	169,888	1	157,854	1	142,931	1	127,360	1	111,789
1/4	1/4	1/4	1/4	1/4	205,099	1/4	193,509	1/4	181,575	1/4	169,640	1/4	157,592	1/4	142,606	1/4	127,035	1/4	111,464
1/2	1/2	1/2	1/2	1/2	204,931	1/2	193,261	1/2	181,326	1/2	169,391	1/2	157,330	1/2	142,282	1/2	126,711	1/2	111,140
3/4	3/4	3/4	3/4	3/4	204,723	3/4	193,012	3/4	181,077	3/4	169,141	3/4	157,055	3/4	141,957	3/4	126,386	3/4	110,816
2		2		2	204,514	2	192,763	2	180,829	2	168,891	2	156,780	2	141,633	2	126,062	2	110,492
1/4	1/4	1/4	1/4	1/4	204,305	1/4	192,515	1/4	180,580	1/4	168,641	1/4	156,505	1/4	141,309	1/4	125,738	1/4	110,168
1/2	1/2	1/2	1/2	1/2	204,097	1/2	192,266	1/2	180,332	1/2	168,391	1/2	156,230	1/2	140,984	1/2	125,413	1/2	109,844
3/4	3/4	3/4	3/4	3/4	203,857	3/4	192,018	3/4	180,083	3/4	168,141	3/4	155,942	3/4	140,660	3/4	125,089	3/4	109,520
3		3		3	203,618	3	191,769	3	179,834	3	167,891	3	155,655	3	140,336	3	124,764	3	109,195
1/4	1/4	1/4	1/4	1/4	203,378	1/4	191,520	1/4	179,586	1/4	167,641	1/4	155,368	1/4	140,011	1/4	124,440	1/4	108,871
1/2	1/2	1/2	1/2	1/2	203,139	1/2	191,272	1/2	179,337	1/2	167,391	1/2	155,080	1/2	139,687	1/2	124,116	1/2	108,547
3/4	3/4	3/4	3/4	3/4	202,895	3/4	191,023	3/4	179,088	3/4	167,141	3/4	154,780	3/4	139,362	3/4	123,791	3/4	108,223
4		4		4	202,651	4	190,774	4	178,840	4	166,891	4	154,480	4	139,038	4	123,467	4	107,899
1/4	1/4	1/4	1/4	1/4	202,407	1/4	190,526	1/4	178,591	1/4	166,641	1/4	154,180	1/4	138,714	1/4	123,142	1/4	107,575
1/2	1/2	1/2	1/2	1/2	202,163	1/2	190,277	1/2	178,342	1/2	166,391	1/2	153,880	1/2	138,389	1/2	122,818	1/2	107,251
3/4	3/4	3/4	3/4	3/4	201,918	3/4	190,028	3/4	178,094	3/4	166,141	3/4	153,567	3/4	138,065	3/4	122,494	3/4	106,928
5		5		5	201,673	5	189,780	5	177,845	5	165,891	5	153,255	5	137,740	5	122,169	5	106,604
1/4	1/4	1/4	1/4	1/4	201,428	1/4	189,531	1/4	177,597	1/4	165,641	1/4	152,943	1/4	137,416	1/4	121,845	1/4	106,281
1/2	1/2	1/2	1/2	1/2	201,184	1/2	189,283	1/2	177,348	1/2	165,391	1/2	152,630	1/2	137,092	1/2	121,520	1/2	105,958
3/4	3/4	3/4	3/4	3/4	200,938	3/4	189,034	3/4	177,099	3/4	165,141	3/4	152,309	3/4	136,767	3/4	121,196	3/4	105,635
6		6		6	200,693	6	188,785	6	176,851	6	164,891	6	151,987	6	136,443	6	120,871	6	105,311
1/4	1/4	1/4	1/4	1/4	200,447	1/4	188,537	1/4	176,602	1/4	164,641	1/4	151,666	1/4	136,119	1/4	120,547	1/4	104,988
1/2	1/2	1/2	1/2	1/2	200,202	1/2	188,288	1/2	176,353	1/2	164,391	1/2	151,344	1/2	135,794	1/2	120,223	1/2	104,665
3/4	3/4	3/4	3/4	3/4	199,956	3/4	188,039	3/4	176,105	3/4	164,141	3/4	151,021	3/4	135,470	3/4	119,898	3/4	104,341
7		7		7	199,710	7	187,791	7	175,856	7	163,891	7	150,698	7	135,145	7	119,574	7	104,017
1/4	1/4	1/4	1/4	1/4	199,464	1/4	187,542	1/4	175,607	1/4	163,641	1/4	150,375	1/4	134,821	1/4	119,249	1/4	103,694
1/2	1/2	1/2	1/2	1/2	199,219	1/2	187,293	1/2	175,359	1/2	163,391	1/2	150,052	1/2	134,497	1/2	118,925	1/2	103,370
3/4	3/4	3/4	3/4	3/4	198,972	3/4	187,045	3/4	175,110	3/4	163,141	3/4	149,729	3/4	134,172	3/4	118,601	3/4	103,047
8		8		8	198,726	8	186,796	8	174,862	8	162,891	8	149,406	8	133,848	8	118,276	8	102,723
1/4	1/4	1/4	1/4	1/4	198,480	1/4	186,548	1/4	174,613	1/4	162,641	1/4	149,082	1/4	133,523	1/4	117,952	1/4	102,400
1/2	1/2	1/2	1/2	1/2	198,234	1/2	186,299	1/2	174,364	1/2	162,391	1/2	148,759	1/2	133,199	1/2	117,627	1/2	102,076
3/4	3/4	3/4	3/4	3/4	197,985	3/4	186,050	3/4	174,116	3/4	162,141	3/4	148,436	3/4	132,875	3/4	117,303	3/4	101,752
9		9		9	197,736	9	185,802	9	173,867	9	161,891	9	148,112	9	132,550	9	116,979	9	101,429
1/4	1/4	1/4	1/4	1/4	197,488	1/4	185,553	1/4	173,618	1/4	161,641	1/4	147,789	1/4	132,226	1/4	116,654	1/4	101,105
1/2	1/2	1/2	1/2	1/2	197,239	1/2	185,304	1/2	173,370	1/2	161,391	1/2	147,466	1/2	131,901	1/2	116,330	1/2	100,782
3/4	3/4	3/4	3/4	3/4	196,990	3/4	185,056	3/4	173,121	3/4	161,141	3/4	147,142	3/4	131,577	3/4	116,005	3/4	100,458
10		10		10	196,742	10	184,807	10	172,872	10	160,891	10	146,819	10	131,253	10	115,681	10	100,135
1/4	1/4	1/4	1/4	1/4	196,493	1/4	184,558	1/4	172,624	1/4	160,641	1/4	146,495	1/4	130,928	1/4	115,356	1/4	99,811
1/2	1/2	1/2	1/2	1/2	196,244	1/2	184,310	1/2	172,375	1/2	160,390	1/2	146,172	1/2	130,604	1/2	115,032	1/2	99,487
3/4	3/4	3/4	3/4	3/4	195,996	3/4	184,061	3/4	172,126	3/4	160,140	3/4	145,848	3/4	130,279	3/4	114,708	3/4	99,164
11		11		11	195,747	11	183,812	11	171,878	11	159,890	11	145,524	11	129,955	11	114,383	11	98,840
1/4	1/4	1/4	1/4	1/4	195,499	1/4	183,564	1/4	171,629	1/4	159,640	1/4	145,201	1/4	129,631	1/4	114,059	1/4	98,517
1/2	1/2	1/2	1/2	1/2	195,250	1/2	183,315	1/2	171,381	1/2	159,390	1/2	144,877	1/2	129,306	1/2	113,734	1/2	98,193
3/4	3/4	3/4	3/4	3/4	195,001	3/4	183,067	3/4	171,132	3/4	159,137	3/4	144,552	3/4	128,982	3/4	113,410	3/4	97,870

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 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 308"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	97,546	0	81,981	0	66,397	0	50,864	0	35,634	0	20,031	0	4,408	0		0		0	
1/4	97,222	1/4	81,656	1/4	66,073	1/4	50,547	1/4	35,310	1/4	19,706	1/4	4,083	1/4	1/4		1/4		1/4
1/2	96,899	1/2	81,331	1/2	65,748	1/2	50,231	1/2	34,985	1/2	19,380	1/2	3,758	1/2	1/2		1/2		1/2
3/4	96,575	3/4	81,007	3/4	65,423	3/4	49,914	3/4	34,661	3/4	19,055	3/4	3,439	3/4	3/4		3/4		3/4
1	96,252	1	80,682	1	65,099	1	49,598	1	34,336	1	18,729	1	3,120	1	1		1		1
1/4	95,928	1/4	80,357	1/4	64,774	1/4	49,281	1/4	34,012	1/4	18,404	1/4	2,801	1/4	1/4		1/4		1/4
1/2	95,605	1/2	80,033	1/2	64,449	1/2	48,965	1/2	33,687	1/2	18,078	1/2	2,482	1/2	1/2		1/2		1/2
3/4	95,281	3/4	79,708	3/4	64,125	3/4	48,648	3/4	33,363	3/4	17,753	3/4	2,208	3/4	3/4		3/4		3/4
2	94,957	2	79,383	2	63,800	2	48,332	2	33,038	2	17,427	2	1,933	2	2		2		2
1/4	94,634	1/4	79,059	1/4	63,475	1/4	48,015	1/4	32,714	1/4	17,102	1/4	1,658	1/4	1/4		1/4		1/4
1/2	94,310	1/2	78,734	1/2	63,151	1/2	47,699	1/2	32,389	1/2	16,776	1/2	1,384	1/2	1/2		1/2		1/2
3/4	93,987	3/4	78,409	3/4	62,826	3/4	47,383	3/4	32,065	3/4	16,451	3/4	1,190	3/4	3/4		3/4		3/4
3	93,663	3	78,085	3	62,501	3	47,067	3	31,740	3	16,125	3	997	3	3		3		3
1/4	93,340	1/4	77,760	1/4	62,177	1/4	46,750	1/4	31,416	1/4	15,800	1/4	804	1/4	1/4		1/4		1/4
1/2	93,016	1/2	77,435	1/2	61,852	1/2	46,434	1/2	31,091	1/2	15,474	1/2	611	1/2	1/2		1/2		1/2
3/4	92,692	3/4	77,111	3/4	61,527	3/4	46,118	3/4	30,767	3/4	15,149	3/4		3/4	3/4		3/4		3/4
4	92,369	4	76,786	4	61,202	4	45,802	4	30,442	4	14,823	4		4	4		4		4
1/4	92,045	1/4	76,461	1/4	60,878	1/4	45,486	1/4	30,118	1/4	14,498	1/4		1/4	1/4		1/4		1/4
1/2	91,721	1/2	76,137	1/2	60,553	1/2	45,170	1/2	29,793	1/2	14,172	1/2		1/2	1/2		1/2		1/2
3/4	91,396	3/4	75,812	3/4	60,228	3/4	44,854	3/4	29,469	3/4	13,847	3/4		3/4	3/4		3/4		3/4
5	91,072	5	75,487	5	59,904	5	44,538	5	29,144	5	13,521	5		5	5		5		5
1/4	90,747	1/4	75,163	1/4	59,579	1/4	44,222	1/4	28,820	1/4	13,196	1/4		1/4	1/4		1/4		1/4
1/2	90,422	1/2	74,838	1/2	59,254	1/2	43,906	1/2	28,495	1/2	12,870	1/2		1/2	1/2		1/2		1/2
3/4	90,098	3/4	74,513	3/4	58,930	3/4	43,590	3/4	28,169	3/4	12,545	3/4		3/4	3/4		3/4		3/4
6	89,773	6	74,188	6	58,605	6	43,274	6	27,844	6	12,219	6		6	6		6		6
1/4	89,448	1/4	73,864	1/4	58,280	1/4	42,957	1/4	27,518	1/4	11,894	1/4		1/4	1/4		1/4		1/4
1/2	89,124	1/2	73,539	1/2	57,956	1/2	42,641	1/2	27,193	1/2	11,568	1/2		1/2	1/2		1/2		1/2
3/4	88,799	3/4	73,214	3/4	57,631	3/4	42,325	3/4	26,867	3/4	11,242	3/4		3/4	3/4		3/4		3/4
7	88,474	7	72,890	7	57,306	7	42,009	7	26,542	7	10,917	7		7	7		7		7
1/4	88,150	1/4	72,565	1/4	56,982	1/4	41,693	1/4	26,216	1/4	10,591	1/4		1/4	1/4		1/4		1/4
1/2	87,825	1/2	72,240	1/2	56,657	1/2	41,377	1/2	25,891	1/2	10,266	1/2		1/2	1/2		1/2		1/2
3/4	87,500	3/4	71,916	3/4	56,332	3/4	41,061	3/4	25,565	3/4	9,940	3/4		3/4	3/4		3/4		3/4
8	87,176	8	71,591	8	56,008	8	40,745	8	25,240	8	9,615	8		8	8		8		8
1/4	86,851	1/4	71,266	1/4	55,683	1/4	40,429	1/4	24,914	1/4	9,289	1/4		1/4	1/4		1/4		1/4
1/2	86,526	1/2	70,942	1/2	55,358	1/2	40,113	1/2	24,589	1/2	8,964	1/2		1/2	1/2		1/2		1/2
3/4	86,202	3/4	70,617	3/4	55,034	3/4	39,797	3/4	24,263	3/4	8,638	3/4		3/4	3/4		3/4		3/4
9	85,877	9	70,292	9	54,709	9	39,481	9	23,938	9	8,313	9		9	9		9		9
1/4	85,552	1/4	69,968	1/4	54,384	1/4	39,165	1/4	23,612	1/4	7,987	1/4		1/4	1/4		1/4		1/4
1/2	85,228	1/2	69,643	1/2	54,060	1/2	38,849	1/2	23,287	1/2	7,662	1/2		1/2	1/2		1/2		1/2
3/4	84,903	3/4	69,318	3/4	53,736	3/4	38,532	3/4	22,961	3/4	7,336	3/4		3/4	3/4		3/4		3/4
10	84,578	10	68,994	10	53,412	10	38,215	10	22,636	10	7,011	10		10	10		10		10
1/4	84,254	1/4	68,669	1/4	53,088	1/4	37,898	1/4	22,310	1/4	6,685	1/4		1/4	1/4		1/4		1/4
1/2	83,929	1/2	68,344	1/2	52,765	1/2	37,582	1/2	21,985	1/2	6,360	1/2		1/2	1/2		1/2		1/2
3/4	83,604	3/4	68,020	3/4	52,448	3/4	37,257	3/4	21,659	3/4	6,034	3/4		3/4	3/4		3/4		3/4
11	83,279	11	67,695	11	52,131	11	36,933	11	21,334	11	5,709	11		11	11		11		11
1/4	82,955	1/4	67,371	1/4	51,814	1/4	36,608	1/4	21,008	1/4	5,384	1/4		1/4	1/4		1/4		1/4
1/2	82,630	1/2	67,046	1/2	51,498	1/2	36,283	1/2	20,682	1/2	5,058	1/2		1/2	1/2		1/2		1/2
3/4	82,305	3/4	66,722	3/4	51,181	3/4	35,959	3/4	20,357	3/4	4,733	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	205,531	0	194,299	0	182,357	0	170,415	0	158,404	0	143,667	0	128,087	0	112,505
1/4	1/4	1/4	1/4	1/4	205,405	1/4	194,050	1/4	182,108	1/4	170,166	1/4	158,151	1/4	143,342	1/4	127,762	1/4	112,181
1/2	1/2	1/2	1/2	1/2	205,237	1/2	193,801	1/2	181,859	1/2	169,917	1/2	157,889	1/2	143,018	1/2	127,437	1/2	111,856
3/4	3/4	3/4	3/4	3/4	205,069	3/4	193,552	3/4	181,610	3/4	169,668	3/4	157,626	3/4	142,693	3/4	127,113	3/4	111,532
1		1		1	204,901	1	193,304	1	181,361	1	169,419	1	157,364	1	142,369	1	126,788	1	111,208
1/4	1/4	1/4	1/4	1/4	204,733	1/4	193,055	1/4	181,113	1/4	169,170	1/4	157,101	1/4	142,044	1/4	126,464	1/4	110,883
1/2	1/2	1/2	1/2	1/2	204,524	1/2	192,806	1/2	180,864	1/2	168,920	1/2	156,826	1/2	141,720	1/2	126,139	1/2	110,559
3/4	3/4	3/4	3/4	3/4	204,315	3/4	192,557	3/4	180,615	3/4	168,670	3/4	156,551	3/4	141,395	3/4	125,814	3/4	110,235
2		2		2	204,106	2	192,308	2	180,366	2	168,419	2	156,276	2	141,070	2	125,490	2	109,910
1/4	1/4	1/4	1/4	1/4	203,897	1/4	192,060	1/4	180,118	1/4	168,169	1/4	156,001	1/4	140,746	1/4	125,165	1/4	109,586
1/2	1/2	1/2	1/2	1/2	203,658	1/2	191,811	1/2	179,869	1/2	167,919	1/2	155,713	1/2	140,421	1/2	124,840	1/2	109,262
3/4	3/4	3/4	3/4	3/4	203,418	3/4	191,562	3/4	179,620	3/4	167,669	3/4	155,426	3/4	140,097	3/4	124,516	3/4	108,937
3		3		3	203,178	3	191,313	3	179,371	3	167,419	3	155,138	3	139,772	3	124,191	3	108,613
1/4	1/4	1/4	1/4	1/4	202,939	1/4	191,064	1/4	179,122	1/4	167,169	1/4	154,850	1/4	139,447	1/4	123,867	1/4	108,288
1/2	1/2	1/2	1/2	1/2	202,695	1/2	190,816	1/2	178,874	1/2	166,918	1/2	154,550	1/2	139,123	1/2	123,542	1/2	107,964
3/4	3/4	3/4	3/4	3/4	202,451	3/4	190,567	3/4	178,625	3/4	166,668	3/4	154,250	3/4	138,798	3/4	123,217	3/4	107,640
4		4		4	202,207	4	190,318	4	178,376	4	166,418	4	153,950	4	138,474	4	122,893	4	107,316
1/4	1/4	1/4	1/4	1/4	201,962	1/4	190,069	1/4	178,127	1/4	166,168	1/4	153,649	1/4	138,149	1/4	122,568	1/4	106,992
1/2	1/2	1/2	1/2	1/2	201,717	1/2	189,820	1/2	177,878	1/2	165,918	1/2	153,337	1/2	137,825	1/2	122,244	1/2	106,668
3/4	3/4	3/4	3/4	3/4	201,472	3/4	189,572	3/4	177,630	3/4	165,668	3/4	153,024	3/4	137,500	3/4	121,919	3/4	106,345
5		5		5	201,227	5	189,323	5	177,381	5	165,417	5	152,712	5	137,175	5	121,594	5	106,021
1/4	1/4	1/4	1/4	1/4	200,982	1/4	189,074	1/4	177,132	1/4	165,167	1/4	152,399	1/4	136,851	1/4	121,270	1/4	105,698
1/2	1/2	1/2	1/2	1/2	200,737	1/2	188,825	1/2	176,883	1/2	164,917	1/2	152,077	1/2	136,526	1/2	120,945	1/2	105,374
3/4	3/4	3/4	3/4	3/4	200,491	3/4	188,576	3/4	176,634	3/4	164,667	3/4	151,756	3/4	136,202	3/4	120,621	3/4	105,051
6		6		6	200,246	6	188,328	6	176,386	6	164,417	6	151,434	6	135,877	6	120,296	6	104,727
1/4	1/4	1/4	1/4	1/4	200,000	1/4	188,079	1/4	176,137	1/4	164,167	1/4	151,112	1/4	135,552	1/4	119,971	1/4	104,404
1/2	1/2	1/2	1/2	1/2	199,754	1/2	187,830	1/2	175,888	1/2	163,917	1/2	150,789	1/2	135,228	1/2	119,647	1/2	104,080
3/4	3/4	3/4	3/4	3/4	199,508	3/4	187,581	3/4	175,639	3/4	163,666	3/4	150,466	3/4	134,903	3/4	119,322	3/4	103,756
7		7		7	199,262	7	187,333	7	175,390	7	163,416	7	150,142	7	134,579	7	118,997	7	103,432
1/4	1/4	1/4	1/4	1/4	199,016	1/4	187,084	1/4	175,142	1/4	163,166	1/4	149,819	1/4	134,254	1/4	118,673	1/4	103,108
1/2	1/2	1/2	1/2	1/2	198,770	1/2	186,835	1/2	174,893	1/2	162,916	1/2	149,496	1/2	133,930	1/2	118,348	1/2	102,785
3/4	3/4	3/4	3/4	3/4	198,523	3/4	186,586	3/4	174,644	3/4	162,666	3/4	149,172	3/4	133,605	3/4	118,024	3/4	102,461
8		8		8	198,277	8	186,337	8	174,395	8	162,416	8	148,849	8	133,280	8	117,699	8	102,137
1/4	1/4	1/4	1/4	1/4	198,031	1/4	186,089	1/4	174,146	1/4	162,165	1/4	148,526	1/4	132,956	1/4	117,374	1/4	101,813
1/2	1/2	1/2	1/2	1/2	197,782	1/2	185,840	1/2	173,898	1/2	161,915	1/2	148,202	1/2	132,631	1/2	117,050	1/2	101,490
3/4	3/4	3/4	3/4	3/4	197,533	3/4	185,591	3/4	173,649	3/4	161,665	3/4	147,878	3/4	132,307	3/4	116,725	3/4	101,166
9		9		9	197,284	9	185,342	9	173,400	9	161,415	9	147,555	9	131,982	9	116,401	9	100,842
1/4	1/4	1/4	1/4	1/4	197,035	1/4	185,093	1/4	173,151	1/4	161,165	1/4	147,231	1/4	131,657	1/4	116,076	1/4	100,518
1/2	1/2	1/2	1/2	1/2	196,787	1/2	184,845	1/2	172,903	1/2	160,915	1/2	146,907	1/2	131,333	1/2	115,751	1/2	100,195
3/4	3/4	3/4	3/4	3/4	196,538	3/4	184,596	3/4	172,654	3/4	160,664	3/4	146,584	3/4	131,008	3/4	115,427	3/4	99,871
10		10		10	196,289	10	184,347	10	172,405	10	160,414	10	146,260	10	130,683	10	115,102	10	99,547
1/4	1/4	1/4	1/4	1/4	196,040	1/4	184,098	1/4	172,156	1/4	160,164	1/4	145,936	1/4	130,359	1/4	114,777	1/4	99,223
1/2	1/2	1/2	1/2	1/2	195,791	1/2	183,849	1/2	171,907	1/2	159,914	1/2	145,612	1/2	130,034	1/2	114,453	1/2	98,899
3/4	3/4	3/4	3/4	3/4	195,543	3/4	183,601	3/4	171,659	3/4	159,663	3/4	145,289	3/4	129,710	3/4	114,128	3/4	98,576
11		11		11	195,294	11	183,352	11	171,410	11	159,413	11	144,965	11	129,385	11	113,804	11	98,252
1/4	1/4	1/4	1/4	1/4	195,045	1/4	183,103	1/4	171,161	1/4	159,163	1/4	144,641	1/4	129,060	1/4	113,479	1/4	97,928
1/2	1/2	1/2	1/2	1/2	194,796	1/2	182,854	1/2	170,912	1/2	158,910	1/2	144,316	1/2	128,736	1/2	113,154	1/2	97,604
3/4	3/4	3/4	3/4	3/4	205,657	3/4	194,548	3/4	182,605	3/4	170,663	3/4	158,657	3/4	143,992	3/4	128,411	3/4	97,281

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 308"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	96,957	0	81,381	0	65,788	0	50,299	0	35,332	0	19,718	0	4,086	0		0		0	
1/4	96,633	1/4	81,056	1/4	65,463	1/4	49,988	1/4	35,007	1/4	19,392	1/4	3,761	1/4		1/4		1/4	
1/2	96,309	1/2	80,731	1/2	65,138	1/2	49,678	1/2	34,683	1/2	19,067	1/2	3,442	1/2		1/2		1/2	
3/4	95,985	3/4	80,406	3/4	64,813	3/4	49,367	3/4	34,358	3/4	18,741	3/4	3,122	3/4		3/4		3/4	
1	95,662	1	80,081	1	64,488	1	49,057	1	34,033	1	18,415	1	2,803	1		1		1	
1/4	95,338	1/4	79,756	1/4	64,163	1/4	48,746	1/4	33,708	1/4	18,090	1/4	2,484	1/4		1/4		1/4	
1/2	95,014	1/2	79,431	1/2	63,838	1/2	48,437	1/2	33,384	1/2	17,764	1/2	2,209	1/2		1/2		1/2	
3/4	94,690	3/4	79,107	3/4	63,514	3/4	48,127	3/4	33,059	3/4	17,438	3/4	1,934	3/4		3/4		3/4	
2	94,367	2	78,782	2	63,189	2	47,817	2	32,734	2	17,112	2	1,659	2		2		2	
1/4	94,043	1/4	78,457	1/4	62,864	1/4	47,507	1/4	32,410	1/4	16,787	1/4	1,385	1/4		1/4		1/4	
1/2	93,719	1/2	78,132	1/2	62,539	1/2	47,198	1/2	32,085	1/2	16,461	1/2	1,191	1/2		1/2		1/2	
3/4	93,395	3/4	77,807	3/4	62,214	3/4	46,889	3/4	31,760	3/4	16,135	3/4	998	3/4		3/4		3/4	
3	93,071	3	77,482	3	61,889	3	46,579	3	31,435	3	15,810	3	804	3		3		3	
1/4	92,748	1/4	77,157	1/4	61,564	1/4	46,270	1/4	31,111	1/4	15,484	1/4	611	1/4		1/4		1/4	
1/2	92,424	1/2	76,832	1/2	61,239	1/2	45,960	1/2	30,786	1/2	15,158	1/2		1/2		1/2		1/2	
3/4	92,100	3/4	76,508	3/4	60,914	3/4	45,651	3/4	30,461	3/4	14,832	3/4		3/4		3/4		3/4	
4	91,776	4	76,183	4	60,590	4	45,342	4	30,137	4	14,507	4		4		4		4	
1/4	91,452	1/4	75,858	1/4	60,265	1/4	45,032	1/4	29,812	1/4	14,181	1/4		1/4		1/4		1/4	
1/2	91,127	1/2	75,533	1/2	59,940	1/2	44,723	1/2	29,487	1/2	13,855	1/2		1/2		1/2		1/2	
3/4	90,802	3/4	75,208	3/4	59,615	3/4	44,414	3/4	29,162	3/4	13,530	3/4		3/4		3/4		3/4	
5	90,477	5	74,883	5	59,290	5	44,104	5	28,837	5	13,204	5		5		5		5	
1/4	90,153	1/4	74,558	1/4	58,965	1/4	43,795	1/4	28,513	1/4	12,878	1/4		1/4		1/4		1/4	
1/2	89,828	1/2	74,233	1/2	58,640	1/2	43,486	1/2	28,187	1/2	12,552	1/2		1/2		1/2		1/2	
3/4	89,503	3/4	73,909	3/4	58,315	3/4	43,176	3/4	27,861	3/4	12,227	3/4		3/4		3/4		3/4	
6	89,178	6	73,584	6	57,991	6	42,867	6	27,535	6	11,901	6		6		6		6	
1/4	88,853	1/4	73,259	1/4	57,666	1/4	42,558	1/4	27,210	1/4	11,575	1/4		1/4		1/4		1/4	
1/2	88,528	1/2	72,934	1/2	57,341	1/2	42,248	1/2	26,884	1/2	11,249	1/2		1/2		1/2		1/2	
3/4	88,203	3/4	72,609	3/4	57,016	3/4	41,939	3/4	26,558	3/4	10,924	3/4		3/4		3/4		3/4	
7	87,878	7	72,284	7	56,691	7	41,629	7	26,233	7	10,598	7		7		7		7	
1/4	87,553	1/4	71,959	1/4	56,366	1/4	41,320	1/4	25,907	1/4	10,272	1/4		1/4		1/4		1/4	
1/2	87,229	1/2	71,634	1/2	56,041	1/2	41,011	1/2	25,581	1/2	9,947	1/2		1/2		1/2		1/2	
3/4	86,904	3/4	71,309	3/4	55,716	3/4	40,701	3/4	25,255	3/4	9,621	3/4		3/4		3/4		3/4	
8	86,579	8	70,985	8	55,391	8	40,392	8	24,930	8	9,295	8		8		8		8	
1/4	86,254	1/4	70,660	1/4	55,067	1/4	40,083	1/4	24,604	1/4	8,969	1/4		1/4		1/4		1/4	
1/2	85,929	1/2	70,335	1/2	54,742	1/2	39,773	1/2	24,278	1/2	8,644	1/2		1/2		1/2		1/2	
3/4	85,604	3/4	70,010	3/4	54,417	3/4	39,464	3/4	23,953	3/4	8,318	3/4		3/4		3/4		3/4	
9	85,279	9	69,685	9	54,092	9	39,155	9	23,627	9	7,992	9		9		9		9	
1/4	84,954	1/4	69,360	1/4	53,767	1/4	38,846	1/4	23,301	1/4	7,667	1/4		1/4		1/4		1/4	
1/2	84,630	1/2	69,035	1/2	53,444	1/2	38,535	1/2	22,975	1/2	7,341	1/2		1/2		1/2		1/2	
3/4	84,305	3/4	68,710	3/4	53,121	3/4	38,224	3/4	22,650	3/4	7,015	3/4		3/4		3/4		3/4	
10	83,980	10	68,386	10	52,798	10	37,913	10	22,324	10	6,689	10		10		10		10	
1/4	83,655	1/4	68,061	1/4	52,475	1/4	37,602	1/4	21,998	1/4	6,364	1/4		1/4		1/4		1/4	
1/2	83,330	1/2	67,736	1/2	52,164	1/2	37,278	1/2	21,672	1/2	6,038	1/2		1/2		1/2		1/2	
3/4	83,005	3/4	67,411	3/4	51,853	3/4	36,954	3/4	21,347	3/4	5,713	3/4		3/4		3/4		3/4	
11	82,680	11	67,087	11	51,542	11	36,630	11	21,021	11	5,387	11		11		11		11	
1/4	82,355	1/4	66,762	1/4	51,231	1/4	36,306	1/4	20,695	1/4	5,061	1/4		1/4		1/4		1/4	
1/2	82,031	1/2	66,437	1/2	50,920	1/2	35,981	1/2	20,370	1/2	4,736	1/2		1/2		1/2		1/2	
3/4	81,706	3/4	66,112	3/4	50,610	3/4	35,657	3/4	20,044	3/4	4,411	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
PRINTED: 12/18/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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