



BARGE "CBC 307"

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	- 00-0/8	00-0/8	- 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	- 00-0/8	00-0/8	- 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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-03"

December 6, 2012

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 307"

1 PORT 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	584	0	13,224	0	28,393	0	44,005	0	59,693	0	75,396	0	91,099	0	106,802	0	122,505	0	138,206
1/4	719	1/4	13,525	1/4	28,721	1/4	44,330	1/4	60,020	1/4	75,723	1/4	91,426	1/4	107,129	1/4	122,832	1/4	138,533
1/2	854	1/2	13,825	1/2	29,048	1/2	44,654	1/2	60,347	1/2	76,050	1/2	91,753	1/2	107,456	1/2	123,159	1/2	138,860
3/4	988	3/4	14,126	3/4	29,375	3/4	44,978	3/4	60,674	3/4	76,377	3/4	92,080	3/4	107,783	3/4	123,486	3/4	139,187
1	1,123	1	14,427	1	29,702	1	45,303	1	61,001	1	76,704	1	92,407	1	108,110	1	123,813	1	139,514
1/4	1,335	1/4	14,731	1/4	30,029	1/4	45,629	1/4	61,329	1/4	77,031	1/4	92,734	1/4	108,437	1/4	124,140	1/4	139,841
1/2	1,547	1/2	15,035	1/2	30,356	1/2	45,956	1/2	61,656	1/2	77,359	1/2	93,062	1/2	108,764	1/2	124,467	1/2	140,168
3/4	1,759	3/4	15,339	3/4	30,683	3/4	46,282	3/4	61,983	3/4	77,686	3/4	93,389	3/4	109,092	3/4	124,795	3/4	140,495
2	1,972	2	15,644	2	31,011	2	46,609	2	62,310	2	78,013	2	93,716	2	109,419	2	125,122	2	140,823
1/4	2,232	1/4	15,951	1/4	31,338	1/4	46,936	1/4	62,637	1/4	78,340	1/4	94,043	1/4	109,746	1/4	125,449	1/4	141,150
1/2	2,492	1/2	16,259	1/2	31,665	1/2	47,262	1/2	62,964	1/2	78,667	1/2	94,370	1/2	110,073	1/2	125,776	1/2	141,477
3/4	2,752	3/4	16,566	3/4	31,992	3/4	47,589	3/4	63,291	3/4	78,994	3/4	94,697	3/4	110,400	3/4	126,103	3/4	141,804
3	3,013	3	16,874	3	32,319	3	47,916	3	63,619	3	79,321	3	95,024	3	110,727	3	126,430	3	142,131
1/4	3,282	1/4	17,185	1/4	32,644	1/4	48,243	1/4	63,946	1/4	79,649	1/4	95,352	1/4	111,055	1/4	126,757	1/4	142,458
1/2	3,552	1/2	17,496	1/2	32,970	1/2	48,570	1/2	64,273	1/2	79,976	1/2	95,679	1/2	111,382	1/2	127,085	1/2	142,785
3/4	3,821	3/4	17,807	3/4	33,295	3/4	48,897	3/4	64,600	3/4	80,303	3/4	96,006	3/4	111,709	3/4	127,412	3/4	143,112
4	4,091	4	18,118	4	33,621	4	49,224	4	64,927	4	80,630	4	96,333	4	112,036	4	127,739	4	143,439
1/4	4,364	1/4	18,432	1/4	33,946	1/4	49,551	1/4	65,254	1/4	80,957	1/4	96,660	1/4	112,363	1/4	128,066	1/4	143,766
1/2	4,637	1/2	18,746	1/2	34,271	1/2	49,878	1/2	65,581	1/2	81,284	1/2	96,987	1/2	112,690	1/2	128,393	1/2	144,093
3/4	4,911	3/4	19,061	3/4	34,596	3/4	50,206	3/4	65,909	3/4	81,611	3/4	97,314	3/4	113,017	3/4	128,720	3/4	144,420
5	5,184	5	19,375	5	34,921	5	50,533	5	66,236	5	81,939	5	97,642	5	113,345	5	129,047	5	144,747
1/4	5,461	1/4	19,693	1/4	35,246	1/4	50,860	1/4	66,563	1/4	82,266	1/4	97,969	1/4	113,672	1/4	129,375	1/4	145,074
1/2	5,738	1/2	20,011	1/2	35,570	1/2	51,187	1/2	66,890	1/2	82,593	1/2	98,296	1/2	113,999	1/2	129,702	1/2	145,401
3/4	6,015	3/4	20,328	3/4	35,895	3/4	51,514	3/4	67,217	3/4	82,920	3/4	98,623	3/4	114,326	3/4	130,029	3/4	145,729
6	6,292	6	20,646	6	36,219	6	51,841	6	67,544	6	83,247	6	98,950	6	114,653	6	130,356	6	146,056
1/4	6,572	1/4	20,967	1/4	36,544	1/4	52,168	1/4	67,871	1/4	83,574	1/4	99,277	1/4	114,980	1/4	130,683	1/4	146,383
1/2	6,853	1/2	21,289	1/2	36,868	1/2	52,496	1/2	68,199	1/2	83,902	1/2	99,604	1/2	115,307	1/2	131,010	1/2	146,710
3/4	7,133	3/4	21,610	3/4	37,192	3/4	52,823	3/4	68,526	3/4	84,229	3/4	99,932	3/4	115,635	3/4	131,337	3/4	147,037
7	7,413	7	21,931	7	37,517	7	53,150	7	68,853	7	84,556	7	100,259	7	115,962	7	131,665	7	147,364
1/4	7,697	1/4	22,248	1/4	37,841	1/4	53,477	1/4	69,180	1/4	84,883	1/4	100,586	1/4	116,289	1/4	131,992	1/4	147,691
1/2	7,981	1/2	22,565	1/2	38,166	1/2	53,804	1/2	69,507	1/2	85,210	1/2	100,913	1/2	116,616	1/2	132,319	1/2	148,018
3/4	8,264	3/4	22,882	3/4	38,490	3/4	54,131	3/4	69,834	3/4	85,537	3/4	101,240	3/4	116,943	3/4	132,646	3/4	148,345
8	8,548	8	23,199	8	38,815	8	54,458	8	70,161	8	85,864	8	101,567	8	117,270	8	132,973	8	148,672
1/4	8,835	1/4	23,517	1/4	39,139	1/4	54,786	1/4	70,489	1/4	86,192	1/4	101,894	1/4	117,597	1/4	133,300	1/4	148,999
1/2	9,122	1/2	23,836	1/2	39,463	1/2	55,113	1/2	70,816	1/2	86,519	1/2	102,222	1/2	117,925	1/2	133,627	1/2	149,326
3/4	9,410	3/4	24,154	3/4	39,788	3/4	55,440	3/4	71,143	3/4	86,846	3/4	102,549	3/4	118,252	3/4	133,954	3/4	149,653
9	9,697	9	24,472	9	40,112	9	55,767	9	71,470	9	87,173	9	102,876	9	118,579	9	134,281	9	149,980
1/4	9,987	1/4	24,798	1/4	40,437	1/4	56,094	1/4	71,797	1/4	87,500	1/4	103,203	1/4	118,906	1/4	134,608	1/4	150,307
1/2	10,278	1/2	25,124	1/2	40,761	1/2	56,421	1/2	72,124	1/2	87,827	1/2	103,530	1/2	119,233	1/2	134,935	1/2	150,635
3/4	10,568	3/4	25,450	3/4	41,085	3/4	56,748	3/4	72,451	3/4	88,154	3/4	103,857	3/4	119,560	3/4	135,262	3/4	150,962
10	10,859	10	25,776	10	41,410	10	57,076	10	72,779	10	88,482	10	104,184	10	119,887	10	135,589	10	151,289
1/4	11,153	1/4	26,104	1/4	41,734	1/4	57,403	1/4	73,106	1/4	88,809	1/4	104,512	1/4	120,215	1/4	135,917	1/4	151,616
1/2	11,447	1/2	26,431	1/2	42,059	1/2	57,730	1/2	73,433	1/2	89,136	1/2	104,839	1/2	120,542	1/2	136,244	1/2	151,943
3/4	11,741	3/4	26,758	3/4	42,383	3/4	58,057	3/4	73,760	3/4	89,463	3/4	105,166	3/4	120,869	3/4	136,571	3/4	152,270
11	12,035	11	27,085	11	42,708	11	58,384	11	74,087	11	89,790	11	105,493	11	121,196	11	136,898	11	152,597
1/4	12,332	1/4	27,412	1/4	43,032	1/4	58,711	1/4	74,414	1/4	90,117	1/4	105,820	1/4	121,523	1/4	137,225	1/4	152,924
1/2	12,629	1/2	27,739	1/2	43,356	1/2	59,039	1/2	74,741	1/2	90,444	1/2	106,147	1/2	121,850	1/2	137,552	1/2	153,251
3/4	12,927	3/4	28,066	3/4	43,681	3/4	59,366	3/4	75,069	3/4	90,772	3/4	106,474	3/4	122,177	3/4	137,879	3/4	153,578

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 307"

1 PORT 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	153,905	0	169,604	0	185,232	0	200,843	0	216,367	0		0		0		0		0	
1/4	154,232	1/4	169,931	1/4	185,557	1/4	201,168	1/4	216,680	1/4		1/4		1/4		1/4		1/4	
1/2	154,559	1/2	170,259	1/2	185,882	1/2	201,494	1/2	216,994	1/2		1/2		1/2		1/2		1/2	
3/4	154,886	3/4	170,586	3/4	186,207	3/4	201,819	3/4	217,307	3/4		3/4		3/4		3/4		3/4	
1	155,213	1	170,913	1	186,533	1	202,144	1	217,620	1		1		1		1		1	
1/4	155,541	1/4	171,240	1/4	186,858	1/4	202,469	1/4	217,893	1/4		1/4		1/4		1/4		1/4	
1/2	155,868	1/2	171,567	1/2	187,183	1/2	202,795	1/2	218,166	1/2		1/2		1/2		1/2		1/2	
3/4	156,195	3/4	171,894	3/4	187,508	3/4	203,120	3/4	218,439	3/4		3/4		3/4		3/4		3/4	
2	156,522	2	172,221	2	187,833	2	203,445	2	218,712	2		2		2		2		2	
1/4	156,849	1/4	172,546	1/4	188,159	1/4	203,770	1/4	218,932	1/4		1/4		1/4		1/4		1/4	
1/2	157,176	1/2	172,872	1/2	188,484	1/2	204,096	1/2	219,151	1/2		1/2		1/2		1/2		1/2	
3/4	157,503	3/4	173,197	3/4	188,809	3/4	204,421	3/4	219,371	3/4		3/4		3/4		3/4		3/4	
3	157,830	3	173,523	3	189,134	3	204,746	3	219,591	3		3		3		3		3	
1/4	158,157	1/4	173,848	1/4	189,460	1/4	205,071	1/4	219,756	1/4		1/4		1/4		1/4		1/4	
1/2	158,484	1/2	174,173	1/2	189,785	1/2	205,397	1/2	219,921	1/2		1/2		1/2		1/2		1/2	
3/4	158,811	3/4	174,499	3/4	190,110	3/4	205,722	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,138	4	174,824	4	190,435	4	206,047	4		4		4		4		4		4	
1/4	159,465	1/4	175,149	1/4	190,761	1/4	206,372	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,792	1/2	175,474	1/2	191,086	1/2	206,698	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,119	3/4	175,800	3/4	191,411	3/4	207,023	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,447	5	176,125	5	191,736	5	207,348	5		5		5		5		5		5	
1/4	160,774	1/4	176,450	1/4	192,062	1/4	207,673	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,101	1/2	176,775	1/2	192,387	1/2	207,999	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,428	3/4	177,100	3/4	192,712	3/4	208,324	3/4		3/4		3/4		3/4		3/4		3/4	
6	161,755	6	177,426	6	193,037	6	208,649	6		6		6		6		6		6	
1/4	162,082	1/4	177,751	1/4	193,363	1/4	208,974	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,409	1/2	178,076	1/2	193,688	1/2	209,299	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,736	3/4	178,401	3/4	194,013	3/4	209,625	3/4		3/4		3/4		3/4		3/4		3/4	
7	163,063	7	178,727	7	194,338	7	209,950	7		7		7		7		7		7	
1/4	163,390	1/4	179,052	1/4	194,664	1/4	210,272	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,717	1/2	179,377	1/2	194,989	1/2	210,594	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,044	3/4	179,702	3/4	195,314	3/4	210,916	3/4		3/4		3/4		3/4		3/4		3/4	
8	164,371	8	180,028	8	195,639	8	211,239	8		8		8		8		8		8	
1/4	164,698	1/4	180,353	1/4	195,965	1/4	211,560	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,025	1/2	180,678	1/2	196,290	1/2	211,882	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,353	3/4	181,003	3/4	196,615	3/4	212,203	3/4		3/4		3/4		3/4		3/4		3/4	
9	165,680	9	181,329	9	196,940	9	212,525	9		9		9		9		9		9	
1/4	166,007	1/4	181,654	1/4	197,266	1/4	212,846	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,334	1/2	181,979	1/2	197,591	1/2	213,167	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,661	3/4	182,304	3/4	197,916	3/4	213,488	3/4		3/4		3/4		3/4		3/4		3/4	
10	166,988	10	182,630	10	198,241	10	213,809	10		10		10		10		10		10	
1/4	167,315	1/4	182,955	1/4	198,566	1/4	214,129	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,642	1/2	183,280	1/2	198,892	1/2	214,450	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,969	3/4	183,605	3/4	199,217	3/4	214,770	3/4		3/4		3/4		3/4		3/4		3/4	
11	168,296	11	183,931	11	199,542	11	215,090	11		11		11		11		11		11	
1/4	168,623	1/4	184,256	1/4	199,867	1/4	215,410	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	168,950	1/2	184,581	1/2	200,193	1/2	215,729	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,277	3/4	184,906	3/4	200,518	3/4	216,048	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 307"

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	584	0	13,227	0	28,400	0	44,068	0	59,768	0	75,475	0	91,181	0	106,888	0	122,595	0	138,300
1/4	719	1/4	13,528	1/4	28,727	1/4	44,394	1/4	60,095	1/4	75,802	1/4	91,508	1/4	107,215	1/4	122,922	1/4	138,627
1/2	854	1/2	13,828	1/2	29,054	1/2	44,721	1/2	60,422	1/2	76,129	1/2	91,836	1/2	107,542	1/2	123,249	1/2	138,954
3/4	989	3/4	14,129	3/4	29,382	3/4	45,047	3/4	60,750	3/4	76,456	3/4	92,163	3/4	107,870	3/4	123,576	3/4	139,281
1	1,123	1	14,430	1	29,709	1	45,374	1	61,077	1	76,783	1	92,490	1	108,197	1	123,903	1	139,608
1/4	1,335	1/4	14,734	1/4	30,036	1/4	45,700	1/4	61,404	1/4	77,111	1/4	92,817	1/4	108,524	1/4	124,231	1/4	139,935
1/2	1,548	1/2	15,039	1/2	30,362	1/2	46,027	1/2	61,731	1/2	77,438	1/2	93,145	1/2	108,851	1/2	124,558	1/2	140,263
3/4	1,760	3/4	15,343	3/4	30,689	3/4	46,354	3/4	62,058	3/4	77,765	3/4	93,472	3/4	109,178	3/4	124,885	3/4	140,590
2	1,972	2	15,647	2	31,016	2	46,681	2	62,386	2	78,092	2	93,799	2	109,506	2	125,212	2	140,917
1/4	2,232	1/4	15,955	1/4	31,343	1/4	47,008	1/4	62,713	1/4	78,420	1/4	94,126	1/4	109,833	1/4	125,540	1/4	141,244
1/2	2,493	1/2	16,262	1/2	31,669	1/2	47,334	1/2	63,040	1/2	78,747	1/2	94,453	1/2	110,160	1/2	125,867	1/2	141,571
3/4	2,753	3/4	16,570	3/4	31,996	3/4	47,661	3/4	63,367	3/4	79,074	3/4	94,781	3/4	110,487	3/4	126,194	3/4	141,898
3	3,013	3	16,878	3	32,323	3	47,988	3	63,695	3	79,401	3	95,108	3	110,815	3	126,521	3	142,225
1/4	3,283	1/4	17,189	1/4	32,650	1/4	48,315	1/4	64,022	1/4	79,728	1/4	95,435	1/4	111,142	1/4	126,848	1/4	142,553
1/2	3,552	1/2	17,500	1/2	32,976	1/2	48,642	1/2	64,349	1/2	80,056	1/2	95,762	1/2	111,469	1/2	127,176	1/2	142,880
3/4	3,822	3/4	17,811	3/4	33,303	3/4	48,970	3/4	64,676	3/4	80,383	3/4	96,090	3/4	111,796	3/4	127,503	3/4	143,207
4	4,091	4	18,122	4	33,630	4	49,297	4	65,003	4	80,710	4	96,417	4	112,123	4	127,830	4	143,534
1/4	4,365	1/4	18,436	1/4	33,957	1/4	49,624	1/4	65,331	1/4	81,037	1/4	96,744	1/4	112,451	1/4	128,157	1/4	143,861
1/2	4,638	1/2	18,751	1/2	34,283	1/2	49,951	1/2	65,658	1/2	81,365	1/2	97,071	1/2	112,778	1/2	128,485	1/2	144,188
3/4	4,912	3/4	19,065	3/4	34,610	3/4	50,278	3/4	65,985	3/4	81,692	3/4	97,398	3/4	113,105	3/4	128,812	3/4	144,515
5	5,185	5	19,379	5	34,937	5	50,606	5	66,312	5	82,019	5	97,726	5	113,432	5	129,139	5	144,843
1/4	5,462	1/4	19,697	1/4	35,263	1/4	50,933	1/4	66,640	1/4	82,346	1/4	98,053	1/4	113,760	1/4	129,466	1/4	145,170
1/2	5,739	1/2	20,015	1/2	35,589	1/2	51,260	1/2	66,967	1/2	82,673	1/2	98,380	1/2	114,087	1/2	129,793	1/2	145,497
3/4	6,016	3/4	20,333	3/4	35,915	3/4	51,587	3/4	67,294	3/4	83,001	3/4	98,707	3/4	114,414	3/4	130,121	3/4	145,824
6	6,293	6	20,651	6	36,241	6	51,915	6	67,621	6	83,328	6	99,035	6	114,741	6	130,448	6	146,151
1/4	6,574	1/4	20,972	1/4	36,567	1/4	52,242	1/4	67,948	1/4	83,655	1/4	99,362	1/4	115,068	1/4	130,775	1/4	146,478
1/2	6,854	1/2	21,293	1/2	36,893	1/2	52,569	1/2	68,276	1/2	83,982	1/2	99,689	1/2	115,396	1/2	131,102	1/2	146,806
3/4	7,134	3/4	21,615	3/4	37,219	3/4	52,896	3/4	68,603	3/4	84,310	3/4	100,016	3/4	115,723	3/4	131,430	3/4	147,133
7	7,415	7	21,936	7	37,545	7	53,223	7	68,930	7	84,637	7	100,343	7	116,050	7	131,757	7	147,460
1/4	7,699	1/4	22,253	1/4	37,871	1/4	53,551	1/4	69,257	1/4	84,964	1/4	100,671	1/4	116,377	1/4	132,084	1/4	147,787
1/2	7,982	1/2	22,570	1/2	38,197	1/2	53,878	1/2	69,585	1/2	85,291	1/2	100,998	1/2	116,705	1/2	132,411	1/2	148,114
3/4	8,266	3/4	22,887	3/4	38,523	3/4	54,205	3/4	69,912	3/4	85,618	3/4	101,325	3/4	117,032	3/4	132,738	3/4	148,441
8	8,550	8	23,204	8	38,850	8	54,532	8	70,239	8	85,946	8	101,652	8	117,359	8	133,065	8	148,768
1/4	8,837	1/4	23,523	1/4	39,176	1/4	54,860	1/4	70,566	1/4	86,273	1/4	101,980	1/4	117,686	1/4	133,393	1/4	149,096
1/2	9,124	1/2	23,841	1/2	39,502	1/2	55,187	1/2	70,893	1/2	86,600	1/2	102,307	1/2	118,013	1/2	133,720	1/2	149,423
3/4	9,412	3/4	24,159	3/4	39,828	3/4	55,514	3/4	71,221	3/4	86,927	3/4	102,634	3/4	118,341	3/4	134,047	3/4	149,750
9	9,699	9	24,478	9	40,154	9	55,841	9	71,548	9	87,255	9	102,961	9	118,668	9	134,374	9	150,077
1/4	9,989	1/4	24,804	1/4	40,480	1/4	56,168	1/4	71,875	1/4	87,582	1/4	103,288	1/4	118,995	1/4	134,701	1/4	150,404
1/2	10,280	1/2	25,130	1/2	40,806	1/2	56,496	1/2	72,202	1/2	87,909	1/2	103,616	1/2	119,322	1/2	135,028	1/2	150,731
3/4	10,571	3/4	25,456	3/4	41,132	3/4	56,823	3/4	72,530	3/4	88,236	3/4	103,943	3/4	119,650	3/4	135,355	3/4	151,058
10	10,861	10	25,782	10	41,458	10	57,150	10	72,857	10	88,563	10	104,270	10	119,977	10	135,683	10	151,386
1/4	11,155	1/4	26,109	1/4	41,784	1/4	57,477	1/4	73,184	1/4	88,891	1/4	104,597	1/4	120,304	1/4	136,010	1/4	151,713
1/2	11,449	1/2	26,437	1/2	42,110	1/2	57,805	1/2	73,511	1/2	89,218	1/2	104,925	1/2	120,631	1/2	136,337	1/2	152,040
3/4	11,743	3/4	26,764	3/4	42,436	3/4	58,132	3/4	73,838	3/4	89,545	3/4	105,252	3/4	120,958	3/4	136,664	3/4	152,367
11	12,037	11	27,091	11	42,762	11	58,459	11	74,166	11	89,872	11	105,579	11	121,286	11	136,991	11	152,694
1/4	12,335	1/4	27,418	1/4	43,088	1/4	58,786	1/4	74,493	1/4	90,200	1/4	105,906	1/4	121,613	1/4	137,318	1/4	153,021
1/2	12,632	1/2	27,745	1/2	43,415	1/2	59,113	1/2	74,820	1/2	90,527	1/2	106,233	1/2	121,940	1/2	137,645	1/2	153,348
3/4	12,929	3/4	28,073	3/4	43,741	3/4	59,441	3/4	75,147	3/4	90,854	3/4	106,561	3/4	122,267	3/4	137,973	3/4	153,676

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 307"

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	154,003	0	169,706	0	185,336	0	200,952	0	216,479	0		0		0		0		0	
1/4	154,330	1/4	170,033	1/4	185,662	1/4	201,277	1/4	216,793	1/4		1/4		1/4		1/4		1/4	
1/2	154,657	1/2	170,360	1/2	185,987	1/2	201,602	1/2	217,106	1/2		1/2		1/2		1/2		1/2	
3/4	154,984	3/4	170,687	3/4	186,312	3/4	201,928	3/4	217,419	3/4		3/4		3/4		3/4		3/4	
1	155,311	1	171,014	1	186,638	1	202,253	1	217,733	1		1		1		1		1	
1/4	155,638	1/4	171,341	1/4	186,963	1/4	202,578	1/4	218,006	1/4		1/4		1/4		1/4		1/4	
1/2	155,966	1/2	171,668	1/2	187,288	1/2	202,904	1/2	218,279	1/2		1/2		1/2		1/2		1/2	
3/4	156,293	3/4	171,996	3/4	187,614	3/4	203,229	3/4	218,552	3/4		3/4		3/4		3/4		3/4	
2	156,620	2	172,323	2	187,939	2	203,554	2	218,825	2		2		2		2		2	
1/4	156,947	1/4	172,648	1/4	188,264	1/4	203,880	1/4	219,045	1/4		1/4		1/4		1/4		1/4	
1/2	157,274	1/2	172,974	1/2	188,590	1/2	204,205	1/2	219,264	1/2		1/2		1/2		1/2		1/2	
3/4	157,601	3/4	173,299	3/4	188,915	3/4	204,530	3/4	219,484	3/4		3/4		3/4		3/4		3/4	
3	157,928	3	173,625	3	189,240	3	204,856	3	219,704	3		3		3		3		3	
1/4	158,256	1/4	173,950	1/4	189,566	1/4	205,181	1/4	219,869	1/4		1/4		1/4		1/4		1/4	
1/2	158,583	1/2	174,276	1/2	189,891	1/2	205,506	1/2	220,034	1/2		1/2		1/2		1/2		1/2	
3/4	158,910	3/4	174,601	3/4	190,216	3/4	205,832	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,237	4	174,926	4	190,542	4	206,157	4		4		4		4		4		4	
1/4	159,564	1/4	175,252	1/4	190,867	1/4	206,482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,891	1/2	175,577	1/2	191,192	1/2	206,808	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,218	3/4	175,902	3/4	191,518	3/4	207,133	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,546	5	176,228	5	191,843	5	207,458	5		5		5		5		5		5	
1/4	160,873	1/4	176,553	1/4	192,168	1/4	207,784	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,200	1/2	176,878	1/2	192,493	1/2	208,109	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,527	3/4	177,203	3/4	192,819	3/4	208,434	3/4		3/4		3/4		3/4		3/4		3/4	
6	161,854	6	177,529	6	193,144	6	208,759	6		6		6		6		6		6	
1/4	162,181	1/4	177,854	1/4	193,469	1/4	209,085	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,508	1/2	178,179	1/2	193,795	1/2	209,410	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,836	3/4	178,505	3/4	194,120	3/4	209,735	3/4		3/4		3/4		3/4		3/4		3/4	
7	163,163	7	178,830	7	194,445	7	210,061	7		7		7		7		7		7	
1/4	163,490	1/4	179,155	1/4	194,771	1/4	210,383	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,817	1/2	179,481	1/2	195,096	1/2	210,705	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,144	3/4	179,806	3/4	195,421	3/4	211,027	3/4		3/4		3/4		3/4		3/4		3/4	
8	164,471	8	180,131	8	195,747	8	211,350	8		8		8		8		8		8	
1/4	164,798	1/4	180,457	1/4	196,072	1/4	211,671	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,126	1/2	180,782	1/2	196,397	1/2	211,993	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,453	3/4	181,107	3/4	196,723	3/4	212,315	3/4		3/4		3/4		3/4		3/4		3/4	
9	165,780	9	181,433	9	197,048	9	212,636	9		9		9		9		9		9	
1/4	166,107	1/4	181,758	1/4	197,373	1/4	212,957	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,434	1/2	182,083	1/2	197,699	1/2	213,278	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,761	3/4	182,409	3/4	198,024	3/4	213,600	3/4		3/4		3/4		3/4		3/4		3/4	
10	167,088	10	182,734	10	198,349	10	213,921	10		10		10		10		10		10	
1/4	167,416	1/4	183,059	1/4	198,675	1/4	214,241	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,743	1/2	183,385	1/2	199,000	1/2	214,562	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168,070	3/4	183,710	3/4	199,325	3/4	214,882	3/4		3/4		3/4		3/4		3/4		3/4	
11	168,397	11	184,035	11	199,651	11	215,202	11		11		11		11		11		11	
1/4	168,724	1/4	184,361	1/4	199,976	1/4	215,522	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169,051	1/2	184,686	1/2	200,301	1/2	215,841	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,378	3/4	185,011	3/4	200,626	3/4	216,160	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 307"

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	15,024	0	30,193	0	45,183	0	60,273	0	75,443	0	90,613	0	105,783	0	120,953	0	136,121
1/4	781	1/4	15,340	1/4	30,509	1/4	45,492	1/4	60,589	1/4	75,759	1/4	90,929	1/4	106,099	1/4	121,269	1/4	136,437
1/2	969	1/2	15,656	1/2	30,825	1/2	45,802	1/2	60,905	1/2	76,075	1/2	91,245	1/2	106,415	1/2	121,585	1/2	136,753
3/4	1,156	3/4	15,972	3/4	31,142	3/4	46,111	3/4	61,221	3/4	76,391	3/4	91,561	3/4	106,731	3/4	121,901	3/4	137,069
1	1,344	1	16,288	1	31,458	1	46,421	1	61,537	1	76,707	1	91,877	1	107,047	1	122,217	1	137,385
1/4	1,611	1/4	16,604	1/4	31,774	1/4	46,730	1/4	61,853	1/4	77,023	1/4	92,193	1/4	107,363	1/4	122,533	1/4	137,701
1/2	1,877	1/2	16,920	1/2	32,090	1/2	47,040	1/2	62,170	1/2	77,339	1/2	92,509	1/2	107,679	1/2	122,849	1/2	138,017
3/4	2,144	3/4	17,236	3/4	32,406	3/4	47,350	3/4	62,486	3/4	77,656	3/4	92,825	3/4	107,995	3/4	123,165	3/4	138,333
2	2,410	2	17,552	2	32,722	2	47,660	2	62,802	2	77,972	2	93,141	2	108,311	2	123,481	2	138,649
1/4	2,720	1/4	17,868	1/4	33,038	1/4	47,969	1/4	63,118	1/4	78,288	1/4	93,458	1/4	108,627	1/4	123,797	1/4	138,965
1/2	3,030	1/2	18,184	1/2	33,354	1/2	48,279	1/2	63,434	1/2	78,604	1/2	93,774	1/2	108,944	1/2	124,113	1/2	139,281
3/4	3,340	3/4	18,500	3/4	33,670	3/4	48,589	3/4	63,750	3/4	78,920	3/4	94,090	3/4	109,260	3/4	124,429	3/4	139,597
3	3,650	3	18,816	3	33,986	3	48,899	3	64,066	3	79,236	3	94,406	3	109,576	3	124,746	3	139,913
1/4	3,965	1/4	19,132	1/4	34,302	1/4	49,214	1/4	64,382	1/4	79,552	1/4	94,722	1/4	109,892	1/4	125,062	1/4	140,229
1/2	4,280	1/2	19,448	1/2	34,618	1/2	49,529	1/2	64,698	1/2	79,868	1/2	95,038	1/2	110,208	1/2	125,378	1/2	140,545
3/4	4,596	3/4	19,764	3/4	34,934	3/4	49,845	3/4	65,014	3/4	80,184	3/4	95,354	3/4	110,524	3/4	125,694	3/4	140,861
4	4,911	4	20,080	4	35,250	4	50,160	4	65,330	4	80,500	4	95,670	4	110,840	4	126,010	4	141,177
1/4	5,227	1/4	20,396	1/4	35,566	1/4	50,476	1/4	65,646	1/4	80,816	1/4	95,986	1/4	111,156	1/4	126,326	1/4	141,493
1/2	5,543	1/2	20,712	1/2	35,882	1/2	50,792	1/2	65,962	1/2	81,132	1/2	96,302	1/2	111,472	1/2	126,642	1/2	141,809
3/4	5,859	3/4	21,029	3/4	36,198	3/4	51,108	3/4	66,278	3/4	81,448	3/4	96,618	3/4	111,788	3/4	126,958	3/4	142,125
5	6,175	5	21,345	5	36,514	5	51,424	5	66,594	5	81,764	5	96,934	5	112,104	5	127,274	5	142,441
1/4	6,491	1/4	21,661	1/4	36,824	1/4	51,740	1/4	66,910	1/4	82,080	1/4	97,250	1/4	112,420	1/4	127,590	1/4	142,757
1/2	6,807	1/2	21,977	1/2	37,135	1/2	52,056	1/2	67,226	1/2	82,396	1/2	97,566	1/2	112,736	1/2	127,906	1/2	143,073
3/4	7,123	3/4	22,293	3/4	37,445	3/4	52,372	3/4	67,542	3/4	82,712	3/4	97,882	3/4	113,052	3/4	128,222	3/4	143,389
6	7,439	6	22,609	6	37,755	6	52,688	6	67,858	6	83,028	6	98,198	6	113,368	6	128,538	6	143,705
1/4	7,755	1/4	22,925	1/4	38,065	1/4	53,004	1/4	68,174	1/4	83,344	1/4	98,514	1/4	113,684	1/4	128,854	1/4	144,021
1/2	8,071	1/2	23,241	1/2	38,374	1/2	53,320	1/2	68,490	1/2	83,660	1/2	98,830	1/2	114,000	1/2	129,170	1/2	144,337
3/4	8,387	3/4	23,557	3/4	38,684	3/4	53,636	3/4	68,806	3/4	83,976	3/4	99,146	3/4	114,316	3/4	129,486	3/4	144,652
7	8,703	7	23,873	7	38,993	7	53,952	7	69,122	7	84,292	7	99,462	7	114,632	7	129,802	7	144,968
1/4	9,019	1/4	24,189	1/4	39,303	1/4	54,269	1/4	69,438	1/4	84,608	1/4	99,778	1/4	114,948	1/4	130,118	1/4	145,284
1/2	9,335	1/2	24,505	1/2	39,612	1/2	54,585	1/2	69,755	1/2	84,924	1/2	100,094	1/2	115,264	1/2	130,434	1/2	145,600
3/4	9,651	3/4	24,821	3/4	39,922	3/4	54,901	3/4	70,071	3/4	85,240	3/4	100,410	3/4	115,580	3/4	130,750	3/4	145,916
8	9,967	8	25,137	8	40,231	8	55,217	8	70,387	8	85,557	8	100,726	8	115,896	8	131,066	8	146,232
1/4	10,283	1/4	25,453	1/4	40,541	1/4	55,533	1/4	70,703	1/4	85,873	1/4	101,043	1/4	116,212	1/4	131,382	1/4	146,548
1/2	10,599	1/2	25,769	1/2	40,850	1/2	55,849	1/2	71,019	1/2	86,189	1/2	101,359	1/2	116,528	1/2	131,698	1/2	146,864
3/4	10,916	3/4	26,085	3/4	41,159	3/4	56,165	3/4	71,335	3/4	86,505	3/4	101,675	3/4	116,845	3/4	132,014	3/4	147,180
9	11,232	9	26,401	9	41,469	9	56,481	9	71,651	9	86,821	9	101,991	9	117,161	9	132,330	9	147,496
1/4	11,548	1/4	26,717	1/4	41,778	1/4	56,797	1/4	71,967	1/4	87,137	1/4	102,307	1/4	117,477	1/4	132,646	1/4	147,812
1/2	11,864	1/2	27,033	1/2	42,088	1/2	57,113	1/2	72,283	1/2	87,453	1/2	102,623	1/2	117,793	1/2	132,962	1/2	148,128
3/4	12,180	3/4	27,349	3/4	42,397	3/4	57,429	3/4	72,599	3/4	87,769	3/4	102,939	3/4	118,109	3/4	133,278	3/4	148,444
10	12,496	10	27,665	10	42,707	10	57,745	10	72,915	10	88,085	10	103,255	10	118,425	10	133,594	10	148,760
1/4	12,812	1/4	27,981	1/4	43,016	1/4	58,061	1/4	73,231	1/4	88,401	1/4	103,571	1/4	118,741	1/4	133,910	1/4	149,076
1/2	13,128	1/2	28,297	1/2	43,326	1/2	58,377	1/2	73,547	1/2	88,717	1/2	103,887	1/2	119,057	1/2	134,226	1/2	149,392
3/4	13,444	3/4	28,613	3/4	43,635	3/4	58,693	3/4	73,863	3/4	89,033	3/4	104,203	3/4	119,373	3/4	134,542	3/4	149,708
11	13,760	11	28,929	11	43,945	11	59,009	11	74,179	11	89,349	11	104,519	11	119,689	11	134,858	11	150,024
1/4	14,076	1/4	29,245	1/4	44,254	1/4	59,325	1/4	74,495	1/4	89,665	1/4	104,835	1/4	120,005	1/4	135,174	1/4	150,340
1/2	14,392	1/2	29,561	1/2	44,564	1/2	59,641	1/2	74,811	1/2	89,981	1/2	105,151	1/2	120,321	1/2	135,490	1/2	150,656
3/4	14,708	3/4	29,877	3/4	44,873	3/4	59,957	3/4	75,127	3/4	90,297	3/4	105,467	3/4	120,637	3/4	135,806	3/4	150,972

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

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BARGE "CBC 307"

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	151,288	0	166,454	0	181,548	0	196,626	0	211,618	0		0		0		0		0	
1/4	151,604	1/4	166,770	1/4	181,862	1/4	196,941	1/4	211,920	1/4		1/4		1/4		1/4		1/4	
1/2	151,920	1/2	167,086	1/2	182,176	1/2	197,255	1/2	212,223	1/2		1/2		1/2		1/2		1/2	
3/4	152,236	3/4	167,402	3/4	182,490	3/4	197,569	3/4	212,525	3/4		3/4		3/4		3/4		3/4	
1	152,552	1	167,718	1	182,804	1	197,883	1	212,828	1		1		1		1		1	
1/4	152,867	1/4	168,034	1/4	183,119	1/4	198,197	1/4	213,091	1/4		1/4		1/4		1/4		1/4	
1/2	153,183	1/2	168,350	1/2	183,433	1/2	198,511	1/2	213,355	1/2		1/2		1/2		1/2		1/2	
3/4	153,499	3/4	168,666	3/4	183,747	3/4	198,825	3/4	213,618	3/4		3/4		3/4		3/4		3/4	
2	153,815	2	168,982	2	184,061	2	199,140	2	213,882	2		2		2		2		2	
1/4	154,131	1/4	169,296	1/4	184,375	1/4	199,454	1/4	214,094	1/4		1/4		1/4		1/4		1/4	
1/2	154,447	1/2	169,610	1/2	184,689	1/2	199,768	1/2	214,306	1/2		1/2		1/2		1/2		1/2	
3/4	154,763	3/4	169,925	3/4	185,003	3/4	200,082	3/4	214,518	3/4		3/4		3/4		3/4		3/4	
3	155,079	3	170,239	3	185,318	3	200,396	3	214,730	3		3		3		3		3	
1/4	155,395	1/4	170,553	1/4	185,632	1/4	200,710	1/4	214,889	1/4		1/4		1/4		1/4		1/4	
1/2	155,711	1/2	170,867	1/2	185,946	1/2	201,024	1/2	215,049	1/2		1/2		1/2		1/2		1/2	
3/4	156,027	3/4	171,181	3/4	186,260	3/4	201,339	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,343	4	171,496	4	186,574	4	201,653	4		4		4		4		4		4	
1/4	156,659	1/4	171,810	1/4	186,888	1/4	201,967	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,975	1/2	172,124	1/2	187,202	1/2	202,281	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,291	3/4	172,438	3/4	187,517	3/4	202,595	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,607	5	172,752	5	187,831	5	202,909	5		5		5		5		5		5	
1/4	157,923	1/4	173,066	1/4	188,145	1/4	203,223	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,239	1/2	173,380	1/2	188,459	1/2	203,538	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,555	3/4	173,695	3/4	188,773	3/4	203,852	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,871	6	174,009	6	189,087	6	204,166	6		6		6		6		6		6	
1/4	159,187	1/4	174,323	1/4	189,401	1/4	204,480	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,503	1/2	174,637	1/2	189,715	1/2	204,794	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,819	3/4	174,951	3/4	190,030	3/4	205,108	3/4		3/4		3/4		3/4		3/4		3/4	
7	160,135	7	175,265	7	190,344	7	205,422	7		7		7		7		7		7	
1/4	160,451	1/4	175,579	1/4	190,658	1/4	205,733	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,767	1/2	175,893	1/2	190,972	1/2	206,044	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,083	3/4	176,208	3/4	191,286	3/4	206,355	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,398	8	176,522	8	191,600	8	206,667	8		8		8		8		8		8	
1/4	161,714	1/4	176,836	1/4	191,914	1/4	206,977	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,030	1/2	177,150	1/2	192,229	1/2	207,287	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,346	3/4	177,464	3/4	192,543	3/4	207,598	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,662	9	177,778	9	192,857	9	207,908	9		9		9		9		9		9	
1/4	162,978	1/4	178,092	1/4	193,171	1/4	208,218	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,294	1/2	178,407	1/2	193,485	1/2	208,528	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,610	3/4	178,721	3/4	193,799	3/4	208,838	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,926	10	179,035	10	194,113	10	209,148	10		10		10		10		10		10	
1/4	164,242	1/4	179,349	1/4	194,428	1/4	209,458	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,558	1/2	179,663	1/2	194,742	1/2	209,767	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,874	3/4	179,977	3/4	195,056	3/4	210,076	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,190	11	180,291	11	195,370	11	210,385	11		11		11		11		11		11	
1/4	165,506	1/4	180,606	1/4	195,684	1/4	210,694	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,822	1/2	180,920	1/2	195,998	1/2	211,002	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,138	3/4	181,234	3/4	196,312	3/4	211,310	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 307"

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	15,011	0	30,167	0	45,038	0	60,143	0	75,300	0	90,456	0	105,613	0	120,770	0	135,926
1/4	780	1/4	15,327	1/4	30,483	1/4	45,346	1/4	60,458	1/4	75,615	1/4	90,772	1/4	105,929	1/4	121,086	1/4	136,241
1/2	968	1/2	15,643	1/2	30,799	1/2	45,653	1/2	60,774	1/2	75,931	1/2	91,088	1/2	106,245	1/2	121,402	1/2	136,557
3/4	1,155	3/4	15,958	3/4	31,115	3/4	45,961	3/4	61,090	3/4	76,247	3/4	91,404	3/4	106,561	3/4	121,718	3/4	136,873
1	1,343	1	16,274	1	31,430	1	46,268	1	61,406	1	76,563	1	91,720	1	106,876	1	122,033	1	137,188
1/4	1,609	1/4	16,590	1/4	31,746	1/4	46,581	1/4	61,722	1/4	76,878	1/4	92,035	1/4	107,192	1/4	122,349	1/4	137,504
1/2	1,876	1/2	16,906	1/2	32,062	1/2	46,894	1/2	62,037	1/2	77,194	1/2	92,351	1/2	107,508	1/2	122,665	1/2	137,820
3/4	2,142	3/4	17,221	3/4	32,378	3/4	47,207	3/4	62,353	3/4	77,510	3/4	92,667	3/4	107,824	3/4	122,981	3/4	138,135
2	2,408	2	17,537	2	32,694	2	47,520	2	62,669	2	77,826	2	92,983	2	108,139	2	123,296	2	138,451
1/4	2,718	1/4	17,853	1/4	33,009	1/4	47,834	1/4	62,985	1/4	78,141	1/4	93,298	1/4	108,455	1/4	123,612	1/4	138,767
1/2	3,027	1/2	18,169	1/2	33,325	1/2	48,148	1/2	63,300	1/2	78,457	1/2	93,614	1/2	108,771	1/2	123,928	1/2	139,083
3/4	3,337	3/4	18,484	3/4	33,641	3/4	48,462	3/4	63,616	3/4	78,773	3/4	93,930	3/4	109,087	3/4	124,244	3/4	139,398
3	3,646	3	18,800	3	33,957	3	48,776	3	63,932	3	79,089	3	94,246	3	109,403	3	124,559	3	139,714
1/4	3,962	1/4	19,116	1/4	34,266	1/4	49,091	1/4	64,248	1/4	79,405	1/4	94,561	1/4	109,718	1/4	124,875	1/4	140,030
1/2	4,277	1/2	19,432	1/2	34,575	1/2	49,407	1/2	64,563	1/2	79,720	1/2	94,877	1/2	110,034	1/2	125,191	1/2	140,345
3/4	4,592	3/4	19,747	3/4	34,884	3/4	49,723	3/4	64,879	3/4	80,036	3/4	95,193	3/4	110,350	3/4	125,507	3/4	140,661
4	4,907	4	20,063	4	35,193	4	50,038	4	65,195	4	80,352	4	95,509	4	110,666	4	125,823	4	140,977
1/4	5,223	1/4	20,379	1/4	35,502	1/4	50,354	1/4	65,511	1/4	80,668	1/4	95,825	1/4	110,981	1/4	126,138	1/4	141,292
1/2	5,538	1/2	20,695	1/2	35,810	1/2	50,670	1/2	65,826	1/2	80,983	1/2	96,140	1/2	111,297	1/2	126,454	1/2	141,608
3/4	5,854	3/4	21,010	3/4	36,118	3/4	50,985	3/4	66,142	3/4	81,299	3/4	96,456	3/4	111,613	3/4	126,770	3/4	141,924
5	6,170	5	21,326	5	36,426	5	51,301	5	66,458	5	81,615	5	96,772	5	111,929	5	127,086	5	142,239
1/4	6,486	1/4	21,642	1/4	36,734	1/4	51,617	1/4	66,774	1/4	81,931	1/4	97,088	1/4	112,244	1/4	127,401	1/4	142,555
1/2	6,801	1/2	21,958	1/2	37,042	1/2	51,933	1/2	67,090	1/2	82,246	1/2	97,403	1/2	112,560	1/2	127,717	1/2	142,871
3/4	7,117	3/4	22,273	3/4	37,349	3/4	52,248	3/4	67,405	3/4	82,562	3/4	97,719	3/4	112,876	3/4	128,033	3/4	143,187
6	7,433	6	22,589	6	37,657	6	52,564	6	67,721	6	82,878	6	98,035	6	113,192	6	128,349	6	143,502
1/4	7,749	1/4	22,905	1/4	37,964	1/4	52,880	1/4	68,037	1/4	83,194	1/4	98,351	1/4	113,508	1/4	128,664	1/4	143,818
1/2	8,064	1/2	23,221	1/2	38,272	1/2	53,196	1/2	68,353	1/2	83,510	1/2	98,666	1/2	113,823	1/2	128,980	1/2	144,134
3/4	8,380	3/4	23,537	3/4	38,580	3/4	53,512	3/4	68,668	3/4	83,825	3/4	98,982	3/4	114,139	3/4	129,296	3/4	144,449
7	8,696	7	23,852	7	38,887	7	53,827	7	68,984	7	84,141	7	99,298	7	114,455	7	129,612	7	144,765
1/4	9,012	1/4	24,168	1/4	39,195	1/4	54,143	1/4	69,300	1/4	84,457	1/4	99,614	1/4	114,771	1/4	129,927	1/4	145,081
1/2	9,327	1/2	24,484	1/2	39,502	1/2	54,459	1/2	69,616	1/2	84,773	1/2	99,930	1/2	115,086	1/2	130,243	1/2	145,396
3/4	9,643	3/4	24,800	3/4	39,810	3/4	54,775	3/4	69,931	3/4	85,088	3/4	100,245	3/4	115,402	3/4	130,559	3/4	145,712
8	9,959	8	25,115	8	40,117	8	55,090	8	70,247	8	85,404	8	100,561	8	115,718	8	130,875	8	146,028
1/4	10,275	1/4	25,431	1/4	40,425	1/4	55,406	1/4	70,563	1/4	85,720	1/4	100,877	1/4	116,034	1/4	131,190	1/4	146,343
1/2	10,590	1/2	25,747	1/2	40,732	1/2	55,722	1/2	70,879	1/2	86,036	1/2	101,193	1/2	116,349	1/2	131,506	1/2	146,659
3/4	10,906	3/4	26,063	3/4	41,040	3/4	56,038	3/4	71,195	3/4	86,351	3/4	101,508	3/4	116,665	3/4	131,822	3/4	146,975
9	11,222	9	26,378	9	41,347	9	56,353	9	71,510	9	86,667	9	101,824	9	116,981	9	132,137	9	147,290
1/4	11,538	1/4	26,694	1/4	41,655	1/4	56,669	1/4	71,826	1/4	86,983	1/4	102,140	1/4	117,297	1/4	132,453	1/4	147,606
1/2	11,853	1/2	27,010	1/2	41,963	1/2	56,985	1/2	72,142	1/2	87,299	1/2	102,456	1/2	117,613	1/2	132,769	1/2	147,922
3/4	12,169	3/4	27,326	3/4	42,270	3/4	57,301	3/4	72,458	3/4	87,615	3/4	102,771	3/4	117,928	3/4	133,084	3/4	148,238
10	12,485	10	27,641	10	42,578	10	57,617	10	72,773	10	87,930	10	103,087	10	118,244	10	133,400	10	148,553
1/4	12,801	1/4	27,957	1/4	42,885	1/4	57,932	1/4	73,089	1/4	88,246	1/4	103,403	1/4	118,560	1/4	133,716	1/4	148,869
1/2	13,116	1/2	28,273	1/2	43,193	1/2	58,248	1/2	73,405	1/2	88,562	1/2	103,719	1/2	118,876	1/2	134,031	1/2	149,185
3/4	13,432	3/4	28,589	3/4	43,500	3/4	58,564	3/4	73,721	3/4	88,878	3/4	104,035	3/4	119,191	3/4	134,347	3/4	149,500
11	13,748	11	28,904	11	43,808	11	58,880	11	74,036	11	89,193	11	104,350	11	119,507	11	134,663	11	149,816
1/4	14,064	1/4	29,220	1/4	44,115	1/4	59,195	1/4	74,352	1/4	89,509	1/4	104,666	1/4	119,823	1/4	134,979	1/4	150,132
1/2	14,379	1/2	29,536	1/2	44,423	1/2	59,511	1/2	74,668	1/2	89,825	1/2	104,982	1/2	120,139	1/2	135,294	1/2	150,447
3/4	14,695	3/4	29,852	3/4	44,730	3/4	59,827	3/4	74,984	3/4	90,141	3/4	105,298	3/4	120,454	3/4	135,610	3/4	150,763

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

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BARGE "CBC 307"

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	151,079	0	166,232	0	181,313	0	196,379	0	211,357	0		0		0		0		0	
1/4	151,394	1/4	166,548	1/4	181,627	1/4	196,693	1/4	211,659	1/4		1/4		1/4		1/4		1/4	
1/2	151,710	1/2	166,863	1/2	181,941	1/2	197,006	1/2	211,962	1/2		1/2		1/2		1/2		1/2	
3/4	152,026	3/4	167,179	3/4	182,255	3/4	197,320	3/4	212,264	3/4		3/4		3/4		3/4		3/4	
1	152,342	1	167,495	1	182,569	1	197,634	1	212,566	1		1		1		1		1	
1/4	152,657	1/4	167,810	1/4	182,882	1/4	197,948	1/4	212,829	1/4		1/4		1/4		1/4		1/4	
1/2	152,973	1/2	168,126	1/2	183,196	1/2	198,262	1/2	213,093	1/2		1/2		1/2		1/2		1/2	
3/4	153,289	3/4	168,442	3/4	183,510	3/4	198,576	3/4	213,356	3/4		3/4		3/4		3/4		3/4	
2	153,604	2	168,757	2	183,824	2	198,890	2	213,619	2		2		2		2		2	
1/4	153,920	1/4	169,072	1/4	184,138	1/4	199,203	1/4	213,831	1/4		1/4		1/4		1/4		1/4	
1/2	154,236	1/2	169,386	1/2	184,452	1/2	199,517	1/2	214,043	1/2		1/2		1/2		1/2		1/2	
3/4	154,551	3/4	169,700	3/4	184,766	3/4	199,831	3/4	214,255	3/4		3/4		3/4		3/4		3/4	
3	154,867	3	170,014	3	185,079	3	200,145	3	214,467	3		3		3		3		3	
1/4	155,183	1/4	170,328	1/4	185,393	1/4	200,459	1/4	214,626	1/4		1/4		1/4		1/4		1/4	
1/2	155,498	1/2	170,642	1/2	185,707	1/2	200,773	1/2	214,785	1/2		1/2		1/2		1/2		1/2	
3/4	155,814	3/4	170,955	3/4	186,021	3/4	201,087	3/4	=====	3/4		3/4		3/4		3/4		3/4	
4	156,130	4	171,269	4	186,335	4	201,401	4		4		4		4		4		4	
1/4	156,446	1/4	171,583	1/4	186,649	1/4	201,714	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,761	1/2	171,897	1/2	186,963	1/2	202,028	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,077	3/4	172,211	3/4	187,277	3/4	202,342	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,393	5	172,525	5	187,590	5	202,656	5		5		5		5		5		5	
1/4	157,708	1/4	172,839	1/4	187,904	1/4	202,970	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,024	1/2	173,153	1/2	188,218	1/2	203,284	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,340	3/4	173,466	3/4	188,532	3/4	203,598	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,655	6	173,780	6	188,846	6	203,911	6		6		6		6		6		6	
1/4	158,971	1/4	174,094	1/4	189,160	1/4	204,225	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,287	1/2	174,408	1/2	189,474	1/2	204,539	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,602	3/4	174,722	3/4	189,787	3/4	204,853	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,918	7	175,036	7	190,101	7	205,167	7		7		7		7		7		7	
1/4	160,234	1/4	175,350	1/4	190,415	1/4	205,478	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,550	1/2	175,663	1/2	190,729	1/2	205,788	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,865	3/4	175,977	3/4	191,043	3/4	206,099	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,181	8	176,291	8	191,357	8	206,410	8		8		8		8		8		8	
1/4	161,497	1/4	176,605	1/4	191,671	1/4	206,720	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,812	1/2	176,919	1/2	191,985	1/2	207,030	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,128	3/4	177,233	3/4	192,298	3/4	207,341	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,444	9	177,547	9	192,612	9	207,651	9		9		9		9		9		9	
1/4	162,759	1/4	177,861	1/4	192,926	1/4	207,960	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,075	1/2	178,174	1/2	193,240	1/2	208,270	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,391	3/4	178,488	3/4	193,554	3/4	208,580	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,706	10	178,802	10	193,868	10	208,890	10		10		10		10		10		10	
1/4	164,022	1/4	179,116	1/4	194,182	1/4	209,199	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,338	1/2	179,430	1/2	194,495	1/2	209,508	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,653	3/4	179,744	3/4	194,809	3/4	209,817	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,969	11	180,058	11	195,123	11	210,126	11		11		11		11		11		11	
1/4	165,285	1/4	180,371	1/4	195,437	1/4	210,434	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,601	1/2	180,685	1/2	195,751	1/2	210,741	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,916	3/4	180,999	3/4	196,065	3/4	211,049	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 307"

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	610	0	15,448	0	31,038	0	46,355	0	61,746	0	77,303	0	92,857	0	108,362	0	123,904	0	139,448
1/4	803	1/4	15,773	1/4	31,362	1/4	46,671	1/4	62,070	1/4	77,627	1/4	93,180	1/4	108,685	1/4	124,227	1/4	139,772
1/2	996	1/2	16,098	1/2	31,686	1/2	46,986	1/2	62,394	1/2	77,951	1/2	93,503	1/2	109,009	1/2	124,551	1/2	140,096
3/4	1,188	3/4	16,423	3/4	32,010	3/4	47,302	3/4	62,719	3/4	78,275	3/4	93,826	3/4	109,332	3/4	124,875	3/4	140,420
1	1,381	1	16,748	1	32,334	1	47,617	1	63,043	1	78,600	1	94,149	1	109,656	1	125,199	1	140,743
1/4	1,656	1/4	17,073	1/4	32,658	1/4	47,933	1/4	63,367	1/4	78,924	1/4	94,472	1/4	109,980	1/4	125,523	1/4	141,067
1/2	1,930	1/2	17,398	1/2	32,982	1/2	48,249	1/2	63,691	1/2	79,248	1/2	94,795	1/2	110,303	1/2	125,847	1/2	141,391
3/4	2,204	3/4	17,723	3/4	33,306	3/4	48,565	3/4	64,015	3/4	79,572	3/4	95,118	3/4	110,627	3/4	126,171	3/4	141,715
2	2,478	2	18,047	2	33,630	2	48,881	2	64,339	2	79,896	2	95,441	2	110,950	2	126,494	2	142,039
1/4	2,796	1/4	18,372	1/4	33,954	1/4	49,197	1/4	64,663	1/4	80,220	1/4	95,764	1/4	111,274	1/4	126,818	1/4	142,363
1/2	3,115	1/2	18,697	1/2	34,278	1/2	49,513	1/2	64,987	1/2	80,544	1/2	96,087	1/2	111,598	1/2	127,142	1/2	142,686
3/4	3,433	3/4	19,022	3/4	34,602	3/4	49,829	3/4	65,312	3/4	80,868	3/4	96,410	3/4	111,921	3/4	127,466	3/4	143,010
3	3,752	3	19,347	3	34,926	3	50,145	3	65,636	3	81,192	3	96,733	3	112,245	3	127,790	3	143,334
1/4	4,076	1/4	19,672	1/4	35,250	1/4	50,461	1/4	65,960	1/4	81,517	1/4	97,056	1/4	112,569	1/4	128,114	1/4	143,658
1/2	4,401	1/2	19,997	1/2	35,574	1/2	50,777	1/2	66,284	1/2	81,841	1/2	97,379	1/2	112,893	1/2	128,438	1/2	143,982
3/4	4,725	3/4	20,322	3/4	35,898	3/4	51,093	3/4	66,608	3/4	82,165	3/4	97,702	3/4	113,216	3/4	128,761	3/4	144,306
4	5,049	4	20,647	4	36,222	4	51,410	4	66,932	4	82,489	4	98,025	4	113,540	4	129,085	4	144,629
1/4	5,374	1/4	20,972	1/4	36,545	1/4	51,726	1/4	67,256	1/4	82,813	1/4	98,348	1/4	113,864	1/4	129,409	1/4	144,953
1/2	5,699	1/2	21,297	1/2	36,869	1/2	52,042	1/2	67,580	1/2	83,137	1/2	98,671	1/2	114,188	1/2	129,733	1/2	145,276
3/4	6,024	3/4	21,622	3/4	37,193	3/4	52,358	3/4	67,904	3/4	83,461	3/4	98,994	3/4	114,512	3/4	130,057	3/4	145,599
5	6,349	5	21,947	5	37,517	5	52,675	5	68,228	5	83,785	5	99,318	5	114,836	5	130,381	5	145,922
1/4	6,674	1/4	22,272	1/4	37,834	1/4	52,998	1/4	68,552	1/4	84,110	1/4	99,641	1/4	115,159	1/4	130,705	1/4	146,245
1/2	6,999	1/2	22,597	1/2	38,150	1/2	53,321	1/2	68,876	1/2	84,434	1/2	99,964	1/2	115,483	1/2	131,028	1/2	146,568
3/4	7,324	3/4	22,922	3/4	38,466	3/4	53,644	3/4	69,200	3/4	84,758	3/4	100,287	3/4	115,807	3/4	131,352	3/4	146,891
6	7,649	6	23,247	6	38,782	6	53,967	6	69,524	6	85,082	6	100,610	6	116,131	6	131,676	6	147,214
1/4	7,974	1/4	23,572	1/4	39,098	1/4	54,291	1/4	69,848	1/4	85,406	1/4	100,933	1/4	116,455	1/4	132,000	1/4	147,537
1/2	8,299	1/2	23,897	1/2	39,413	1/2	54,615	1/2	70,172	1/2	85,730	1/2	101,256	1/2	116,779	1/2	132,324	1/2	147,859
3/4	8,624	3/4	24,222	3/4	39,729	3/4	54,940	3/4	70,496	3/4	86,054	3/4	101,579	3/4	117,103	3/4	132,648	3/4	148,182
7	8,949	7	24,547	7	40,044	7	55,264	7	70,821	7	86,378	7	101,902	7	117,426	7	132,972	7	148,505
1/4	9,274	1/4	24,872	1/4	40,360	1/4	55,588	1/4	71,145	1/4	86,703	1/4	102,225	1/4	117,750	1/4	133,295	1/4	148,828
1/2	9,598	1/2	25,197	1/2	40,675	1/2	55,912	1/2	71,469	1/2	87,027	1/2	102,548	1/2	118,074	1/2	133,619	1/2	149,150
3/4	9,923	3/4	25,522	3/4	40,991	3/4	56,236	3/4	71,793	3/4	87,351	3/4	102,871	3/4	118,398	3/4	133,943	3/4	149,473
8	10,248	8	25,847	8	41,306	8	56,560	8	72,117	8	87,675	8	103,194	8	118,722	8	134,267	8	149,796
1/4	10,573	1/4	26,171	1/4	41,622	1/4	56,884	1/4	72,441	1/4	87,999	1/4	103,517	1/4	119,046	1/4	134,591	1/4	150,118
1/2	10,898	1/2	26,496	1/2	41,937	1/2	57,208	1/2	72,765	1/2	88,323	1/2	103,840	1/2	119,370	1/2	134,915	1/2	150,441
3/4	11,223	3/4	26,821	3/4	42,253	3/4	57,533	3/4	73,089	3/4	88,647	3/4	104,163	3/4	119,693	3/4	135,238	3/4	150,763
9	11,548	9	27,146	9	42,569	9	57,857	9	73,414	9	88,971	9	104,486	9	120,017	9	135,562	9	151,085
1/4	11,873	1/4	27,471	1/4	42,884	1/4	58,181	1/4	73,738	1/4	89,296	1/4	104,809	1/4	120,341	1/4	135,886	1/4	151,406
1/2	12,198	1/2	27,796	1/2	43,200	1/2	58,505	1/2	74,062	1/2	89,620	1/2	105,131	1/2	120,665	1/2	136,210	1/2	151,728
3/4	12,523	3/4	28,121	3/4	43,515	3/4	58,829	3/4	74,386	3/4	89,944	3/4	105,454	3/4	120,989	3/4	136,534	3/4	152,049
10	12,848	10	28,446	10	43,831	10	59,153	10	74,710	10	90,268	10	105,777	10	121,313	10	136,858	10	152,370
1/4	13,173	1/4	28,770	1/4	44,146	1/4	59,477	1/4	75,034	1/4	90,592	1/4	106,100	1/4	121,637	1/4	137,181	1/4	152,681
1/2	13,498	1/2	29,094	1/2	44,462	1/2	59,801	1/2	75,358	1/2	90,916	1/2	106,422	1/2	121,960	1/2	137,505	1/2	152,993
3/4	13,823	3/4	29,418	3/4	44,777	3/4	60,126	3/4	75,682	3/4	91,240	3/4	106,745	3/4	122,284	3/4	137,829	3/4	153,305
11	14,148	11	29,743	11	45,093	11	60,450	11	76,007	11	91,564	11	107,068	11	122,608	11	138,153	11	153,617
1/4	14,473	1/4	30,066	1/4	45,408	1/4	60,774	1/4	76,331	1/4	91,888	1/4	107,391	1/4	122,932	1/4	138,477	1/4	153,917
1/2	14,798	1/2	30,390	1/2	45,724	1/2	61,098	1/2	76,655	1/2	92,211	1/2	107,715	1/2	123,256	1/2	138,800	1/2	154,216
3/4	15,123	3/4	30,714	3/4	46,039	3/4	61,422	3/4	76,979	3/4	92,534	3/4	108,038	3/4	123,580	3/4	139,124	3/4	154,516

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 307"

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	154,815	0	167,105	0	179,031	0	190,945	0	202,792	0		0		0		0		0	
1/4	155,102	1/4	167,354	1/4	179,279	1/4	191,193	1/4	203,031	1/4		1/4		1/4		1/4		1/4	
1/2	155,389	1/2	167,604	1/2	179,527	1/2	191,441	1/2	203,270	1/2		1/2		1/2		1/2		1/2	
3/4	155,676	3/4	167,854	3/4	179,775	3/4	191,690	3/4	203,509	3/4		3/4		3/4		3/4		3/4	
1	155,963	1	168,103	1	180,024	1	191,938	1	203,748	1		1		1		1		1	
1/4	156,238	1/4	168,353	1/4	180,272	1/4	192,186	1/4	203,956	1/4		1/4		1/4		1/4		1/4	
1/2	156,512	1/2	168,602	1/2	180,520	1/2	192,434	1/2	204,165	1/2		1/2		1/2		1/2		1/2	
3/4	156,786	3/4	168,852	3/4	180,768	3/4	192,682	3/4	204,373	3/4		3/4		3/4		3/4		3/4	
2	157,061	2	169,101	2	181,016	2	192,931	2	204,581	2		2		2		2		2	
1/4	157,323	1/4	169,350	1/4	181,265	1/4	193,179	1/4	204,749	1/4		1/4		1/4		1/4		1/4	
1/2	157,585	1/2	169,598	1/2	181,513	1/2	193,427	1/2	204,916	1/2		1/2		1/2		1/2		1/2	
3/4	157,846	3/4	169,847	3/4	181,761	3/4	193,675	3/4	205,084	3/4		3/4		3/4		3/4		3/4	
3	158,108	3	170,095	3	182,009	3	193,924	3	205,252	3		3		3		3		3	
1/4	158,361	1/4	170,343	1/4	182,257	1/4	194,172	1/4	205,378	1/4		1/4		1/4		1/4		1/4	
1/2	158,613	1/2	170,591	1/2	182,506	1/2	194,420	1/2	205,504	1/2		1/2		1/2		1/2		1/2	
3/4	158,865	3/4	170,840	3/4	182,754	3/4	194,668	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,117	4	171,088	4	183,002	4	194,916	4		4		4		4		4		4	
1/4	159,367	1/4	171,336	1/4	183,250	1/4	195,165	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,617	1/2	171,584	1/2	183,499	1/2	195,413	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,867	3/4	171,832	3/4	183,747	3/4	195,661	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,117	5	172,081	5	183,995	5	195,909	5		5		5		5		5		5	
1/4	160,366	1/4	172,329	1/4	184,243	1/4	196,157	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,616	1/2	172,577	1/2	184,491	1/2	196,406	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,865	3/4	172,825	3/4	184,740	3/4	196,654	3/4		3/4		3/4		3/4		3/4		3/4	
6	161,115	6	173,074	6	184,988	6	196,902	6		6		6		6		6		6	
1/4	161,364	1/4	173,322	1/4	185,236	1/4	197,150	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,614	1/2	173,570	1/2	185,484	1/2	197,399	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,864	3/4	173,818	3/4	185,732	3/4	197,647	3/4		3/4		3/4		3/4		3/4		3/4	
7	162,113	7	174,066	7	185,981	7	197,895	7		7		7		7		7		7	
1/4	162,363	1/4	174,315	1/4	186,229	1/4	198,141	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,612	1/2	174,563	1/2	186,477	1/2	198,387	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,862	3/4	174,811	3/4	186,725	3/4	198,633	3/4		3/4		3/4		3/4		3/4		3/4	
8	163,111	8	175,059	8	186,974	8	198,878	8		8		8		8		8		8	
1/4	163,361	1/4	175,307	1/4	187,222	1/4	199,124	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,611	1/2	175,556	1/2	187,470	1/2	199,369	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,860	3/4	175,804	3/4	187,718	3/4	199,614	3/4		3/4		3/4		3/4		3/4		3/4	
9	164,110	9	176,052	9	187,966	9	199,860	9		9		9		9		9		9	
1/4	164,359	1/4	176,300	1/4	188,215	1/4	200,105	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,609	1/2	176,549	1/2	188,463	1/2	200,350	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,859	3/4	176,797	3/4	188,711	3/4	200,595	3/4		3/4		3/4		3/4		3/4		3/4	
10	165,108	10	177,045	10	188,959	10	200,840	10		10		10		10		10		10	
1/4	165,358	1/4	177,293	1/4	189,207	1/4	201,084	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,607	1/2	177,541	1/2	189,456	1/2	201,329	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,857	3/4	177,790	3/4	189,704	3/4	201,573	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,106	11	178,038	11	189,952	11	201,818	11		11		11		11		11		11	
1/4	166,356	1/4	178,286	1/4	190,200	1/4	202,061	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,606	1/2	178,534	1/2	190,449	1/2	202,305	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,855	3/4	178,782	3/4	190,697	3/4	202,548	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 307"

3 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	610	0	15,460	0	31,062	0	46,198	0	61,469	0	77,038	0	92,604	0	108,120	0	123,674	0	139,231
1/4	803	1/4	15,785	1/4	31,387	1/4	46,507	1/4	61,793	1/4	77,362	1/4	92,927	1/4	108,444	1/4	123,999	1/4	139,555
1/2	996	1/2	16,110	1/2	31,711	1/2	46,816	1/2	62,117	1/2	77,686	1/2	93,250	1/2	108,768	1/2	124,323	1/2	139,879
3/4	1,189	3/4	16,435	3/4	32,035	3/4	47,125	3/4	62,442	3/4	78,011	3/4	93,574	3/4	109,092	3/4	124,647	3/4	140,203
1	1,382	1	16,761	1	32,359	1	47,434	1	62,766	1	78,335	1	93,897	1	109,416	1	124,971	1	140,527
1/4	1,657	1/4	17,086	1/4	32,683	1/4	47,743	1/4	63,091	1/4	78,659	1/4	94,220	1/4	109,740	1/4	125,295	1/4	140,851
1/2	1,931	1/2	17,411	1/2	33,008	1/2	48,052	1/2	63,415	1/2	78,984	1/2	94,543	1/2	110,064	1/2	125,619	1/2	141,176
3/4	2,206	3/4	17,736	3/4	33,332	3/4	48,361	3/4	63,739	3/4	79,308	3/4	94,867	3/4	110,387	3/4	125,943	3/4	141,500
2	2,480	2	18,062	2	33,656	2	48,671	2	64,064	2	79,633	2	95,190	2	110,711	2	126,267	2	141,824
1/4	2,799	1/4	18,387	1/4	33,980	1/4	48,981	1/4	64,388	1/4	79,957	1/4	95,513	1/4	111,035	1/4	126,591	1/4	142,148
1/2	3,117	1/2	18,712	1/2	34,304	1/2	49,291	1/2	64,712	1/2	80,281	1/2	95,836	1/2	111,359	1/2	126,916	1/2	142,472
3/4	3,436	3/4	19,037	3/4	34,629	3/4	49,600	3/4	65,037	3/4	80,606	3/4	96,160	3/4	111,683	3/4	127,240	3/4	142,796
3	3,755	3	19,362	3	34,953	3	49,910	3	65,361	3	80,930	3	96,483	3	112,007	3	127,564	3	143,120
1/4	4,080	1/4	19,688	1/4	35,277	1/4	50,221	1/4	65,685	1/4	81,254	1/4	96,806	1/4	112,331	1/4	127,888	1/4	143,444
1/2	4,404	1/2	20,013	1/2	35,601	1/2	50,531	1/2	66,010	1/2	81,579	1/2	97,130	1/2	112,655	1/2	128,212	1/2	143,768
3/4	4,729	3/4	20,338	3/4	35,925	3/4	50,841	3/4	66,334	3/4	81,903	3/4	97,453	3/4	112,979	3/4	128,536	3/4	144,092
4	5,053	4	20,663	4	36,250	4	51,152	4	66,658	4	82,228	4	97,776	4	113,303	4	128,860	4	144,416
1/4	5,379	1/4	20,988	1/4	36,573	1/4	51,462	1/4	66,982	1/4	82,552	1/4	98,099	1/4	113,627	1/4	129,184	1/4	144,740
1/2	5,704	1/2	21,314	1/2	36,897	1/2	51,772	1/2	67,307	1/2	82,876	1/2	98,423	1/2	113,951	1/2	129,508	1/2	145,063
3/4	6,029	3/4	21,639	3/4	37,220	3/4	52,083	3/4	67,631	3/4	83,201	3/4	98,746	3/4	114,275	3/4	129,832	3/4	145,386
5	6,354	5	21,964	5	37,544	5	52,393	5	67,955	5	83,525	5	99,069	5	114,599	5	130,157	5	145,710
1/4	6,679	1/4	22,289	1/4	37,854	1/4	52,716	1/4	68,279	1/4	83,849	1/4	99,392	1/4	114,923	1/4	130,481	1/4	146,033
1/2	7,004	1/2	22,614	1/2	38,165	1/2	53,038	1/2	68,604	1/2	84,174	1/2	99,716	1/2	115,248	1/2	130,805	1/2	146,356
3/4	7,329	3/4	22,940	3/4	38,475	3/4	53,361	3/4	68,928	3/4	84,498	3/4	100,039	3/4	115,572	3/4	131,129	3/4	146,679
6	7,655	6	23,265	6	38,785	6	53,684	6	69,253	6	84,823	6	100,362	6	115,896	6	131,453	6	147,003
1/4	7,980	1/4	23,590	1/4	39,094	1/4	54,008	1/4	69,577	1/4	85,147	1/4	100,686	1/4	116,220	1/4	131,777	1/4	147,326
1/2	8,305	1/2	23,915	1/2	39,403	1/2	54,332	1/2	69,901	1/2	85,471	1/2	101,009	1/2	116,544	1/2	132,101	1/2	147,649
3/4	8,630	3/4	24,241	3/4	39,712	3/4	54,657	3/4	70,226	3/4	85,796	3/4	101,332	3/4	116,868	3/4	132,425	3/4	147,972
7	8,956	7	24,566	7	40,021	7	54,981	7	70,550	7	86,120	7	101,655	7	117,192	7	132,749	7	148,295
1/4	9,281	1/4	24,891	1/4	40,329	1/4	55,306	1/4	70,874	1/4	86,444	1/4	101,979	1/4	117,516	1/4	133,074	1/4	148,618
1/2	9,606	1/2	25,216	1/2	40,638	1/2	55,630	1/2	71,199	1/2	86,769	1/2	102,302	1/2	117,840	1/2	133,398	1/2	148,941
3/4	9,931	3/4	25,541	3/4	40,947	3/4	55,954	3/4	71,523	3/4	87,093	3/4	102,625	3/4	118,165	3/4	133,722	3/4	149,264
8	10,256	8	25,867	8	41,256	8	56,279	8	71,848	8	87,418	8	102,948	8	118,489	8	134,046	8	149,587
1/4	10,582	1/4	26,192	1/4	41,565	1/4	56,603	1/4	72,172	1/4	87,742	1/4	103,272	1/4	118,813	1/4	134,370	1/4	149,909
1/2	10,907	1/2	26,517	1/2	41,874	1/2	56,927	1/2	72,496	1/2	88,066	1/2	103,595	1/2	119,137	1/2	134,694	1/2	150,232
3/4	11,232	3/4	26,842	3/4	42,183	3/4	57,252	3/4	72,821	3/4	88,391	3/4	103,918	3/4	119,461	3/4	135,018	3/4	150,555
9	11,557	9	27,167	9	42,492	9	57,576	9	73,145	9	88,715	9	104,242	9	119,785	9	135,342	9	150,877
1/4	11,882	1/4	27,493	1/4	42,800	1/4	57,901	1/4	73,469	1/4	89,040	1/4	104,565	1/4	120,109	1/4	135,666	1/4	151,199
1/2	12,208	1/2	27,818	1/2	43,109	1/2	58,225	1/2	73,794	1/2	89,364	1/2	104,888	1/2	120,433	1/2	135,990	1/2	151,520
3/4	12,533	3/4	28,143	3/4	43,418	3/4	58,549	3/4	74,118	3/4	89,688	3/4	105,211	3/4	120,757	3/4	136,314	3/4	151,841
10	12,858	10	28,468	10	43,727	10	58,874	10	74,443	10	90,013	10	105,534	10	121,082	10	136,638	10	152,163
1/4	13,183	1/4	28,793	1/4	44,036	1/4	59,198	1/4	74,767	1/4	90,337	1/4	105,857	1/4	121,406	1/4	136,963	1/4	152,475
1/2	13,509	1/2	29,117	1/2	44,345	1/2	59,522	1/2	75,091	1/2	90,661	1/2	106,180	1/2	121,730	1/2	137,287	1/2	152,787
3/4	13,834	3/4	29,441	3/4	44,654	3/4	59,847	3/4	75,416	3/4	90,986	3/4	106,503	3/4	122,054	3/4	137,611	3/4	153,099
11	14,159	11	29,766	11	44,963	11	60,171	11	75,740	11	91,310	11	106,825	11	122,378	11	137,935	11	153,411
1/4	14,484	1/4	30,090	1/4	45,271	1/4	60,496	1/4	76,064	1/4	91,634	1/4	107,149	1/4	122,702	1/4	138,259	1/4	153,711
1/2	14,809	1/2	30,414	1/2	45,580	1/2	60,820	1/2	76,389	1/2	91,957	1/2	107,473	1/2	123,026	1/2	138,583	1/2	154,010
3/4	15,135	3/4	30,738	3/4	45,889	3/4	61,144	3/4	76,713	3/4	92,280	3/4	107,797	3/4	123,350	3/4	138,907	3/4	154,310

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 307"

3 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	154,610	0	166,909	0	178,844	0	190,768	0	202,624	0		0		0		0		0	
1/4	154,897	1/4	167,159	1/4	179,093	1/4	191,016	1/4	202,863	1/4		1/4		1/4		1/4		1/4	
1/2	155,184	1/2	167,409	1/2	179,341	1/2	191,265	1/2	203,102	1/2		1/2		1/2		1/2		1/2	
3/4	155,472	3/4	167,659	3/4	179,590	3/4	191,513	3/4	203,342	3/4		3/4		3/4		3/4		3/4	
1	155,759	1	167,908	1	179,838	1	191,762	1	203,581	1		1		1		1		1	
1/4	156,033	1/4	168,158	1/4	180,086	1/4	192,010	1/4	203,789	1/4		1/4		1/4		1/4		1/4	
1/2	156,308	1/2	168,408	1/2	180,335	1/2	192,258	1/2	203,998	1/2		1/2		1/2		1/2		1/2	
3/4	156,583	3/4	168,658	3/4	180,583	3/4	192,507	3/4	204,206	3/4		3/4		3/4		3/4		3/4	
2	156,857	2	168,907	2	180,832	2	192,755	2	204,415	2		2		2		2		2	
1/4	157,119	1/4	169,156	1/4	181,080	1/4	193,004	1/4	204,583	1/4		1/4		1/4		1/4		1/4	
1/2	157,382	1/2	169,405	1/2	181,328	1/2	193,252	1/2	204,750	1/2		1/2		1/2		1/2		1/2	
3/4	157,644	3/4	169,653	3/4	181,577	3/4	193,500	3/4	204,918	3/4		3/4		3/4		3/4		3/4	
3	157,906	3	169,902	3	181,825	3	193,749	3	205,086	3		3		3		3		3	
1/4	158,158	1/4	170,150	1/4	182,074	1/4	193,997	1/4	205,212	1/4		1/4		1/4		1/4		1/4	
1/2	158,411	1/2	170,399	1/2	182,322	1/2	194,246	1/2	205,338	1/2		1/2		1/2		1/2		1/2	
3/4	158,663	3/4	170,647	3/4	182,570	3/4	194,494	3/4		3/4		3/4		3/4		3/4		3/4	
4	158,916	4	170,895	4	182,819	4	194,742	4		4		4		4		4		4	
1/4	159,166	1/4	171,144	1/4	183,067	1/4	194,991	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,416	1/2	171,392	1/2	183,316	1/2	195,239	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,666	3/4	171,641	3/4	183,564	3/4	195,488	3/4		3/4		3/4		3/4		3/4		3/4	
5	159,916	5	171,889	5	183,813	5	195,736	5		5		5		5		5		5	
1/4	160,165	1/4	172,137	1/4	184,061	1/4	195,984	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,415	1/2	172,386	1/2	184,309	1/2	196,233	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,665	3/4	172,634	3/4	184,558	3/4	196,481	3/4		3/4		3/4		3/4		3/4		3/4	
6	160,915	6	172,883	6	184,806	6	196,730	6		6		6		6		6		6	
1/4	161,164	1/4	173,131	1/4	185,055	1/4	196,978	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,414	1/2	173,379	1/2	185,303	1/2	197,227	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,664	3/4	173,628	3/4	185,551	3/4	197,475	3/4		3/4		3/4		3/4		3/4		3/4	
7	161,914	7	173,876	7	185,800	7	197,723	7		7		7		7		7		7	
1/4	162,163	1/4	174,125	1/4	186,048	1/4	197,969	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,413	1/2	174,373	1/2	186,297	1/2	198,215	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,663	3/4	174,621	3/4	186,545	3/4	198,461	3/4		3/4		3/4		3/4		3/4		3/4	
8	162,913	8	174,870	8	186,793	8	198,708	8		8		8		8		8		8	
1/4	163,163	1/4	175,118	1/4	187,042	1/4	198,953	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,412	1/2	175,367	1/2	187,290	1/2	199,199	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,662	3/4	175,615	3/4	187,539	3/4	199,444	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,912	9	175,863	9	187,787	9	199,690	9		9		9		9		9		9	
1/4	164,162	1/4	176,112	1/4	188,035	1/4	199,935	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,411	1/2	176,360	1/2	188,284	1/2	200,180	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,661	3/4	176,609	3/4	188,532	3/4	200,425	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,911	10	176,857	10	188,781	10	200,671	10		10		10		10		10		10	
1/4	165,161	1/4	177,106	1/4	189,029	1/4	200,915	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,411	1/2	177,354	1/2	189,277	1/2	201,160	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,660	3/4	177,602	3/4	189,526	3/4	201,404	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,910	11	177,851	11	189,774	11	201,649	11		11		11		11		11		11	
1/4	166,160	1/4	178,099	1/4	190,023	1/4	201,893	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,410	1/2	178,348	1/2	190,271	1/2	202,136	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,659	3/4	178,596	3/4	190,520	3/4	202,380	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 307"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	100	0	257	0	412	0		0		0		0		0		0	
1/4	1	1/4	103	1/4	260	1/4	415	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1	1/2	106	1/2	263	1/2	417	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2	3/4	109	3/4	267	3/4	420	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3	1	112	1	270	1	423	1		1		1		1		1		1	
1/4	4	1/4	115	1/4	273	1/4	426	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5	1/2	119	1/2	277	1/2	429	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	6	3/4	122	3/4	280	3/4	431	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	7	2	125	2	284	2	434	2		2		2		2		2		2	
1/4	9	1/4	128	1/4	287	1/4	437	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	10	1/2	131	1/2	290	1/2	440	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	12	3/4	134	3/4	294	3/4	442	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	13	3	137	3	297	3	445	3		3		3		3		3		3	
1/4	15	1/4	140	1/4	300	1/4	447	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	17	1/2	144	1/2	304	1/2	450	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	19	3/4	147	3/4	307	3/4	452	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	20	4	150	4	311	4	455	4		4		4		4		4		4	
1/4	22	1/4	153	1/4	314	1/4	457	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24	1/2	156	1/2	317	1/2	460	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	26	3/4	160	3/4	320	3/4	462	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	28	5	163	5	324	5	465	5		5		5		5		5		5	
1/4	31	1/4	166	1/4	327	1/4	467	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	33	1/2	169	1/2	330	1/2	469	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	35	3/4	173	3/4	334	3/4	471	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	37	6	176	6	337	6	474	6		6		6		6		6		6	
1/4	39	1/4	179	1/4	340	1/4	476	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	42	1/2	183	1/2	343	1/2	478	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	44	3/4	186	3/4	347	3/4	480	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	46	7	189	7	350	7	482	7		7		7		7		7		7	
1/4	49	1/4	192	1/4	353	1/4	484	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51	1/2	196	1/2	356	1/2	486	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54	3/4	199	3/4	360	3/4	488	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	56	8	202	8	363	8	489	8		8		8		8		8		8	
1/4	59	1/4	206	1/4	366	1/4	491	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62	1/2	209	1/2	369	1/2	493	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64	3/4	213	3/4	372	3/4	494	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	67	9	216	9	375	9	496	9		9		9		9		9		9	
1/4	69	1/4	219	1/4	379	1/4	497	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72	1/2	223	1/2	382	1/2	499	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75	3/4	226	3/4	385	3/4	500	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	78	10	229	10	388	10	502	10		10		10		10		10		10	
1/4	80	1/4	233	1/4	391	1/4	502	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83	1/2	236	1/2	394	1/2	502	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86	3/4	240	3/4	397	3/4	502	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	89	11	243	11	400	11	502	11		11		11		11		11		11	
1/4	92	1/4	246	1/4	403	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95	1/2	250	1/2	406	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	98	3/4	253	3/4	409	3/4		3/4	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.

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 8" DIAMETER HATCH.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
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BARGE "CBC 307"

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	00-0/8	- 00-0/8	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	00-0/8	- 00-0/8	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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 238'-03"

December 6, 2012

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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 Pearland, Texas 77588

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BARGE "CBC 307"

1 PORT ULLAGE 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		0		0		0	206,047	0	190,435	0	174,824	0	159,138	0	143,439	0	127,739	0	112,036
1/4		1/4		1/4		1/4	205,722	1/4	190,110	1/4	174,499	1/4	158,811	1/4	143,112	1/4	127,412	1/4	111,709
1/2		1/2		1/2		1/2	219,921	1/2	205,397	1/2	189,785	1/2	174,173	1/2	158,484	1/2	142,785	1/2	111,382
3/4		3/4		3/4		3/4	219,756	3/4	205,071	3/4	189,460	3/4	173,848	3/4	158,157	3/4	142,458	3/4	111,055
1		1		1		1	219,591	1	204,746	1	189,134	1	173,523	1	157,830	1	142,131	1	110,727
1/4		1/4		1/4		1/4	219,371	1/4	204,421	1/4	188,809	1/4	173,197	1/4	157,503	1/4	141,804	1/4	110,400
1/2		1/2		1/2		1/2	219,151	1/2	204,096	1/2	188,484	1/2	172,872	1/2	157,176	1/2	141,477	1/2	110,073
3/4		3/4		3/4		3/4	218,932	3/4	203,770	3/4	188,159	3/4	172,546	3/4	156,849	3/4	141,150	3/4	109,746
2		2		2		2	218,712	2	203,445	2	187,833	2	172,221	2	156,522	2	140,823	2	109,419
1/4		1/4		1/4		1/4	218,439	1/4	203,120	1/4	187,508	1/4	171,894	1/4	156,195	1/4	140,495	1/4	109,092
1/2		1/2		1/2		1/2	218,166	1/2	202,795	1/2	187,183	1/2	171,567	1/2	155,868	1/2	140,168	1/2	108,764
3/4		3/4		3/4		3/4	217,893	3/4	202,469	3/4	186,858	3/4	171,240	3/4	155,541	3/4	139,841	3/4	108,437
3		3		3		3	217,620	3	202,144	3	186,533	3	170,913	3	155,213	3	139,514	3	108,110
1/4		1/4		1/4		1/4	217,307	1/4	201,819	1/4	186,207	1/4	170,586	1/4	154,886	1/4	139,187	1/4	107,783
1/2		1/2		1/2		1/2	216,994	1/2	201,494	1/2	185,882	1/2	170,259	1/2	154,559	1/2	138,860	1/2	107,456
3/4		3/4		3/4		3/4	216,680	3/4	201,168	3/4	185,557	3/4	169,931	3/4	154,232	3/4	138,533	3/4	107,129
4		4		4		4	216,367	4	200,843	4	185,232	4	169,604	4	153,905	4	138,206	4	106,802
1/4		1/4		1/4		1/4	216,048	1/4	200,518	1/4	184,906	1/4	169,277	1/4	153,578	1/4	137,879	1/4	106,474
1/2		1/2		1/2		1/2	215,729	1/2	200,193	1/2	184,581	1/2	168,950	1/2	153,251	1/2	137,552	1/2	106,147
3/4		3/4		3/4		3/4	215,410	3/4	199,867	3/4	184,256	3/4	168,623	3/4	152,924	3/4	137,225	3/4	105,820
5		5		5		5	215,090	5	199,542	5	183,931	5	168,296	5	152,597	5	136,898	5	105,493
1/4		1/4		1/4		1/4	214,770	1/4	199,217	1/4	183,605	1/4	167,969	1/4	152,270	1/4	136,571	1/4	105,166
1/2		1/2		1/2		1/2	214,450	1/2	198,892	1/2	183,280	1/2	167,642	1/2	151,943	1/2	136,244	1/2	104,839
3/4		3/4		3/4		3/4	214,129	3/4	198,566	3/4	182,955	3/4	167,315	3/4	151,616	3/4	135,917	3/4	104,512
6		6		6		6	213,809	6	198,241	6	182,630	6	166,988	6	151,289	6	135,589	6	104,184
1/4		1/4		1/4		1/4	213,488	1/4	197,916	1/4	182,304	1/4	166,661	1/4	150,962	1/4	135,262	1/4	103,857
1/2		1/2		1/2		1/2	213,167	1/2	197,591	1/2	181,979	1/2	166,334	1/2	150,635	1/2	134,935	1/2	103,530
3/4		3/4		3/4		3/4	212,846	3/4	197,266	3/4	181,654	3/4	166,007	3/4	150,307	3/4	134,608	3/4	103,203
7		7		7		7	212,525	7	196,940	7	181,329	7	165,680	7	149,980	7	134,281	7	102,876
1/4		1/4		1/4		1/4	212,203	1/4	196,615	1/4	181,003	1/4	165,353	1/4	149,653	1/4	133,954	1/4	102,549
1/2		1/2		1/2		1/2	211,882	1/2	196,290	1/2	180,678	1/2	165,025	1/2	149,326	1/2	133,627	1/2	102,222
3/4		3/4		3/4		3/4	211,560	3/4	195,965	3/4	180,353	3/4	164,698	3/4	148,999	3/4	133,300	3/4	101,894
8		8		8		8	211,239	8	195,639	8	180,028	8	164,371	8	148,672	8	132,973	8	101,567
1/4		1/4		1/4		1/4	210,916	1/4	195,314	1/4	179,702	1/4	164,044	1/4	148,345	1/4	132,646	1/4	101,240
1/2		1/2		1/2		1/2	210,594	1/2	194,989	1/2	179,377	1/2	163,717	1/2	148,018	1/2	132,319	1/2	100,913
3/4		3/4		3/4		3/4	210,272	3/4	194,664	3/4	179,052	3/4	163,390	3/4	147,691	3/4	131,992	3/4	100,586
9		9		9		9	209,950	9	194,338	9	178,727	9	163,063	9	147,364	9	131,665	9	100,259
1/4		1/4		1/4		1/4	209,625	1/4	194,013	1/4	178,401	1/4	162,736	1/4	147,037	1/4	131,337	1/4	99,932
1/2		1/2		1/2		1/2	209,299	1/2	193,688	1/2	178,076	1/2	162,409	1/2	146,710	1/2	131,010	1/2	99,604
3/4		3/4		3/4		3/4	208,974	3/4	193,363	3/4	177,751	3/4	162,082	3/4	146,383	3/4	130,683	3/4	99,277
10		10		10		10	208,649	10	193,037	10	177,426	10	161,755	10	146,056	10	130,356	10	98,950
1/4		1/4		1/4		1/4	208,324	1/4	192,712	1/4	177,100	1/4	161,428	1/4	145,729	1/4	130,029	1/4	98,623
1/2		1/2		1/2		1/2	207,999	1/2	192,387	1/2	176,775	1/2	161,101	1/2	145,401	1/2	129,702	1/2	98,296
3/4		3/4		3/4		3/4	207,673	3/4	192,062	3/4	176,450	3/4	160,774	3/4	145,074	3/4	129,375	3/4	97,969
11		11		11		11	207,348	11	191,736	11	176,125	11	160,447	11	144,747	11	129,047	11	97,642
1/4		1/4		1/4		1/4	207,023	1/4	191,411	1/4	175,800	1/4	160,119	1/4	144,420	1/4	128,720	1/4	97,314
1/2		1/2		1/2		1/2	206,698	1/2	191,086	1/2	175,474	1/2	159,792	1/2	144,093	1/2	128,393	1/2	96,987
3/4		3/4		3/4		3/4	206,372	3/4	190,761	3/4	175,149	3/4	159,465	3/4	143,766	3/4	128,066	3/4	96,660

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 307"

1 PORT 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	96,333	0	80,630	0	64,927	0	49,224	0	33,621	0	18,118	0	4,091	0		0		0	
1/4	96,006	1/4	80,303	1/4	64,600	1/4	48,897	1/4	33,295	1/4	17,807	1/4	3,821	1/4	1/4	1/4		1/4	
1/2	95,679	1/2	79,976	1/2	64,273	1/2	48,570	1/2	32,970	1/2	17,496	1/2	3,552	1/2	1/2	1/2	1/2	1/2	1/2
3/4	95,352	3/4	79,649	3/4	63,946	3/4	48,243	3/4	32,644	3/4	17,185	3/4	3,282	3/4	3/4	3/4	3/4	3/4	3/4
1	95,024	1	79,321	1	63,619	1	47,916	1	32,319	1	16,874	1	3,013	1		1		1	
1/4	94,697	1/4	78,994	1/4	63,291	1/4	47,589	1/4	31,992	1/4	16,566	1/4	2,752	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,370	1/2	78,667	1/2	62,964	1/2	47,262	1/2	31,665	1/2	16,259	1/2	2,492	1/2	1/2	1/2	1/2	1/2	1/2
3/4	94,043	3/4	78,340	3/4	62,637	3/4	46,936	3/4	31,338	3/4	15,951	3/4	2,232	3/4	3/4	3/4	3/4	3/4	3/4
2	93,716	2	78,013	2	62,310	2	46,609	2	31,011	2	15,644	2	1,972	2		2		2	
1/4	93,389	1/4	77,686	1/4	61,983	1/4	46,282	1/4	30,683	1/4	15,339	1/4	1,759	1/4	1/4	1/4	1/4	1/4	1/4
1/2	93,062	1/2	77,359	1/2	61,656	1/2	45,956	1/2	30,356	1/2	15,035	1/2	1,547	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,734	3/4	77,031	3/4	61,329	3/4	45,629	3/4	30,029	3/4	14,731	3/4	1,335	3/4	3/4	3/4	3/4	3/4	3/4
3	92,407	3	76,704	3	61,001	3	45,303	3	29,702	3	14,427	3	1,123	3		3		3	
1/4	92,080	1/4	76,377	1/4	60,674	1/4	44,978	1/4	29,375	1/4	14,126	1/4	988	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,753	1/2	76,050	1/2	60,347	1/2	44,654	1/2	29,048	1/2	13,825	1/2	854	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,426	3/4	75,723	3/4	60,020	3/4	44,330	3/4	28,721	3/4	13,525	3/4	719	3/4	3/4	3/4	3/4	3/4	3/4
4	91,099	4	75,396	4	59,693	4	44,005	4	28,393	4	13,224	4	584	4		4		4	
1/4	90,772	1/4	75,069	1/4	59,366	1/4	43,681	1/4	28,066	1/4	12,927	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,444	1/2	74,741	1/2	59,039	1/2	43,356	1/2	27,739	1/2	12,629	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,117	3/4	74,414	3/4	58,711	3/4	43,032	3/4	27,412	3/4	12,332	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	89,790	5	74,087	5	58,384	5	42,708	5	27,085	5	12,035	5		5		5		5	
1/4	89,463	1/4	73,760	1/4	58,057	1/4	42,383	1/4	26,758	1/4	11,741	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,136	1/2	73,433	1/2	57,730	1/2	42,059	1/2	26,431	1/2	11,447	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,809	3/4	73,106	3/4	57,403	3/4	41,734	3/4	26,104	3/4	11,153	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	88,482	6	72,779	6	57,076	6	41,410	6	25,776	6	10,859	6		6		6		6	
1/4	88,154	1/4	72,451	1/4	56,748	1/4	41,085	1/4	25,450	1/4	10,568	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,827	1/2	72,124	1/2	56,421	1/2	40,761	1/2	25,124	1/2	10,278	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,500	3/4	71,797	3/4	56,094	3/4	40,437	3/4	24,798	3/4	9,987	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	87,173	7	71,470	7	55,767	7	40,112	7	24,472	7	9,697	7		7		7		7	
1/4	86,846	1/4	71,143	1/4	55,440	1/4	39,788	1/4	24,154	1/4	9,410	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,519	1/2	70,816	1/2	55,113	1/2	39,463	1/2	23,836	1/2	9,122	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,192	3/4	70,489	3/4	54,786	3/4	39,139	3/4	23,517	3/4	8,835	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	85,864	8	70,161	8	54,458	8	38,815	8	23,199	8	8,548	8		8		8		8	
1/4	85,537	1/4	69,834	1/4	54,131	1/4	38,490	1/4	22,882	1/4	8,264	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,210	1/2	69,507	1/2	53,804	1/2	38,166	1/2	22,565	1/2	7,981	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,883	3/4	69,180	3/4	53,477	3/4	37,841	3/4	22,248	3/4	7,697	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	84,556	9	68,853	9	53,150	9	37,517	9	21,931	9	7,413	9		9		9		9	
1/4	84,229	1/4	68,526	1/4	52,823	1/4	37,192	1/4	21,610	1/4	7,133	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,902	1/2	68,199	1/2	52,496	1/2	36,868	1/2	21,289	1/2	6,853	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,574	3/4	67,871	3/4	52,168	3/4	36,544	3/4	20,967	3/4	6,572	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	83,247	10	67,544	10	51,841	10	36,219	10	20,646	10	6,292	10		10		10		10	
1/4	82,920	1/4	67,217	1/4	51,514	1/4	35,895	1/4	20,328	1/4	6,015	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,593	1/2	66,890	1/2	51,187	1/2	35,570	1/2	20,011	1/2	5,738	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,266	3/4	66,563	3/4	50,860	3/4	35,246	3/4	19,693	3/4	5,461	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	81,939	11	66,236	11	50,533	11	34,921	11	19,375	11	5,184	11		11		11		11	
1/4	81,611	1/4	65,909	1/4	50,206	1/4	34,596	1/4	19,061	1/4	4,911	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,284	1/2	65,581	1/2	49,878	1/2	34,271	1/2	18,746	1/2	4,637	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,957	3/4	65,254	3/4	49,551	3/4	33,946	3/4	18,432	3/4	4,364	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 307"

1 STBD ULLAGE 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		0		0		0	206,157	0	190,542	0	174,926	0	159,237	0	143,534	0	127,830	0	112,123
1/4		1/4		1/4		1/4	205,832	1/4	190,216	1/4	174,601	1/4	158,910	1/4	143,207	1/4	127,503	1/4	111,796
1/2		1/2		1/2		1/2	220,034	1/2	205,506	1/2	189,891	1/2	174,276	1/2	158,583	1/2	142,880	1/2	127,176
3/4		3/4		3/4		3/4	219,869	3/4	205,181	3/4	189,566	3/4	173,950	3/4	158,256	3/4	142,553	3/4	126,848
1		1		1		1	219,704	1	204,856	1	189,240	1	173,625	1	157,928	1	142,225	1	126,521
1/4		1/4		1/4		1/4	219,484	1/4	204,530	1/4	188,915	1/4	173,299	1/4	157,601	1/4	141,898	1/4	126,194
1/2		1/2		1/2		1/2	219,264	1/2	204,205	1/2	188,590	1/2	172,974	1/2	157,274	1/2	141,571	1/2	125,867
3/4		3/4		3/4		3/4	219,045	3/4	203,880	3/4	188,264	3/4	172,648	3/4	156,947	3/4	141,244	3/4	125,540
2		2		2		2	218,825	2	203,554	2	187,939	2	172,323	2	156,620	2	140,917	2	125,212
1/4		1/4		1/4		1/4	218,552	1/4	203,229	1/4	187,614	1/4	171,996	1/4	156,293	1/4	140,590	1/4	124,885
1/2		1/2		1/2		1/2	218,279	1/2	202,904	1/2	187,288	1/2	171,668	1/2	155,966	1/2	140,263	1/2	124,558
3/4		3/4		3/4		3/4	218,006	3/4	202,578	3/4	186,963	3/4	171,341	3/4	155,638	3/4	139,935	3/4	124,231
3		3		3		3	217,733	3	202,253	3	186,638	3	171,014	3	155,311	3	139,608	3	123,903
1/4		1/4		1/4		1/4	217,419	1/4	201,928	1/4	186,312	1/4	170,687	1/4	154,984	1/4	139,281	1/4	123,576
1/2		1/2		1/2		1/2	217,106	1/2	201,602	1/2	185,987	1/2	170,360	1/2	154,657	1/2	138,954	1/2	123,249
3/4		3/4		3/4		3/4	216,793	3/4	201,277	3/4	185,662	3/4	170,033	3/4	154,330	3/4	138,627	3/4	122,922
4		4		4		4	216,479	4	200,952	4	185,336	4	169,706	4	154,003	4	138,300	4	122,595
1/4		1/4		1/4		1/4	216,160	1/4	200,626	1/4	185,011	1/4	169,378	1/4	153,676	1/4	137,973	1/4	122,267
1/2		1/2		1/2		1/2	215,841	1/2	200,301	1/2	184,686	1/2	169,051	1/2	153,348	1/2	137,645	1/2	121,940
3/4		3/4		3/4		3/4	215,522	3/4	199,976	3/4	184,361	3/4	168,724	3/4	153,021	3/4	137,318	3/4	121,613
5		5		5		5	215,202	5	199,651	5	184,035	5	168,397	5	152,694	5	136,991	5	121,286
1/4		1/4		1/4		1/4	214,882	1/4	199,325	1/4	183,710	1/4	168,070	1/4	152,367	1/4	136,664	1/4	120,958
1/2		1/2		1/2		1/2	214,562	1/2	199,000	1/2	183,385	1/2	167,743	1/2	152,040	1/2	136,337	1/2	120,631
3/4		3/4		3/4		3/4	214,241	3/4	198,675	3/4	183,059	3/4	167,416	3/4	151,713	3/4	136,010	3/4	120,304
6		6		6		6	213,921	6	198,349	6	182,734	6	167,088	6	151,386	6	135,683	6	119,977
1/4		1/4		1/4		1/4	213,600	1/4	198,024	1/4	182,409	1/4	166,761	1/4	151,058	1/4	135,355	1/4	119,650
1/2		1/2		1/2		1/2	213,278	1/2	197,699	1/2	182,083	1/2	166,434	1/2	150,731	1/2	135,028	1/2	119,322
3/4		3/4		3/4		3/4	212,957	3/4	197,373	3/4	181,758	3/4	166,107	3/4	150,404	3/4	134,701	3/4	118,995
7		7		7		7	212,636	7	197,048	7	181,433	7	165,780	7	150,077	7	134,374	7	118,668
1/4		1/4		1/4		1/4	212,315	1/4	196,723	1/4	181,107	1/4	165,453	1/4	149,750	1/4	134,047	1/4	118,341
1/2		1/2		1/2		1/2	211,993	1/2	196,397	1/2	180,782	1/2	165,126	1/2	149,423	1/2	133,720	1/2	118,013
3/4		3/4		3/4		3/4	211,671	3/4	196,072	3/4	180,457	3/4	164,798	3/4	149,096	3/4	133,393	3/4	117,686
8		8		8		8	211,350	8	195,747	8	180,131	8	164,471	8	148,768	8	133,065	8	117,359
1/4		1/4		1/4		1/4	211,027	1/4	195,421	1/4	179,806	1/4	164,144	1/4	148,441	1/4	132,738	1/4	117,032
1/2		1/2		1/2		1/2	210,705	1/2	195,096	1/2	179,481	1/2	163,817	1/2	148,114	1/2	132,411	1/2	116,705
3/4		3/4		3/4		3/4	210,383	3/4	194,771	3/4	179,155	3/4	163,490	3/4	147,787	3/4	132,084	3/4	116,377
9		9		9		9	210,061	9	194,445	9	178,830	9	163,163	9	147,460	9	131,757	9	116,050
1/4		1/4		1/4		1/4	209,735	1/4	194,120	1/4	178,505	1/4	162,836	1/4	147,133	1/4	131,430	1/4	115,723
1/2		1/2		1/2		1/2	209,410	1/2	193,795	1/2	178,179	1/2	162,508	1/2	146,806	1/2	131,102	1/2	115,396
3/4		3/4		3/4		3/4	209,085	3/4	193,469	3/4	177,854	3/4	162,181	3/4	146,478	3/4	130,775	3/4	115,068
10		10		10		10	208,759	10	193,144	10	177,529	10	161,854	10	146,151	10	130,448	10	114,741
1/4		1/4		1/4		1/4	208,434	1/4	192,819	1/4	177,203	1/4	161,527	1/4	145,824	1/4	130,121	1/4	114,414
1/2		1/2		1/2		1/2	208,109	1/2	192,493	1/2	176,878	1/2	161,200	1/2	145,497	1/2	129,793	1/2	114,087
3/4		3/4		3/4		3/4	207,784	3/4	192,168	3/4	176,553	3/4	160,873	3/4	145,170	3/4	129,466	3/4	113,760
11		11		11		11	207,458	11	191,843	11	176,228	11	160,546	11	144,843	11	129,139	11	113,432
1/4		1/4		1/4		1/4	207,133	1/4	191,518	1/4	175,902	1/4	160,218	1/4	144,515	1/4	128,812	1/4	113,105
1/2		1/2		1/2		1/2	206,808	1/2	191,192	1/2	175,577	1/2	159,891	1/2	144,188	1/2	128,485	1/2	112,778
3/4		3/4		3/4		3/4	206,482	3/4	190,867	3/4	175,252	3/4	159,564	3/4	143,861	3/4	128,157	3/4	112,451

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 307"

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	96,417	0	80,710	0	65,003	0	49,297	0	33,630	0	18,122	0	4,091	0		0		0	
1/4	96,090	1/4	80,383	1/4	64,676	1/4	48,970	1/4	33,303	1/4	17,811	1/4	3,822	1/4	1/4	1/4		1/4	
1/2	95,762	1/2	80,056	1/2	64,349	1/2	48,642	1/2	32,976	1/2	17,500	1/2	3,552	1/2	1/2	1/2		1/2	
3/4	95,435	3/4	79,728	3/4	64,022	3/4	48,315	3/4	32,650	3/4	17,189	3/4	3,283	3/4	3/4	3/4		3/4	
1	95,108	1	79,401	1	63,695	1	47,988	1	32,323	1	16,878	1	3,013	1		1		1	
1/4	94,781	1/4	79,074	1/4	63,367	1/4	47,661	1/4	31,996	1/4	16,570	1/4	2,753	1/4	1/4	1/4		1/4	
1/2	94,453	1/2	78,747	1/2	63,040	1/2	47,334	1/2	31,669	1/2	16,262	1/2	2,493	1/2	1/2	1/2		1/2	
3/4	94,126	3/4	78,420	3/4	62,713	3/4	47,008	3/4	31,343	3/4	15,955	3/4	2,232	3/4	3/4	3/4		3/4	
2	93,799	2	78,092	2	62,386	2	46,681	2	31,016	2	15,647	2	1,972	2		2		2	
1/4	93,472	1/4	77,765	1/4	62,058	1/4	46,354	1/4	30,689	1/4	15,343	1/4	1,760	1/4	1/4	1/4		1/4	
1/2	93,145	1/2	77,438	1/2	61,731	1/2	46,027	1/2	30,362	1/2	15,039	1/2	1,548	1/2	1/2	1/2		1/2	
3/4	92,817	3/4	77,111	3/4	61,404	3/4	45,700	3/4	30,036	3/4	14,734	3/4	1,335	3/4	3/4	3/4		3/4	
3	92,490	3	76,783	3	61,077	3	45,374	3	29,709	3	14,430	3	1,123	3		3		3	
1/4	92,163	1/4	76,456	1/4	60,750	1/4	45,047	1/4	29,382	1/4	14,129	1/4	989	1/4	1/4	1/4		1/4	
1/2	91,836	1/2	76,129	1/2	60,422	1/2	44,721	1/2	29,054	1/2	13,828	1/2	854	1/2	1/2	1/2		1/2	
3/4	91,508	3/4	75,802	3/4	60,095	3/4	44,394	3/4	28,727	3/4	13,528	3/4	719	3/4	3/4	3/4		3/4	
4	91,181	4	75,475	4	59,768	4	44,068	4	28,400	4	13,227	4	584	4		4		4	
1/4	90,854	1/4	75,147	1/4	59,441	1/4	43,741	1/4	28,073	1/4	12,929	1/4		1/4	1/4	1/4		1/4	
1/2	90,527	1/2	74,820	1/2	59,113	1/2	43,415	1/2	27,745	1/2	12,632	1/2		1/2	1/2	1/2		1/2	
3/4	90,200	3/4	74,493	3/4	58,786	3/4	43,088	3/4	27,418	3/4	12,335	3/4		3/4	3/4	3/4		3/4	
5	89,872	5	74,166	5	58,459	5	42,762	5	27,091	5	12,037	5		5		5		5	
1/4	89,545	1/4	73,838	1/4	58,132	1/4	42,436	1/4	26,764	1/4	11,743	1/4		1/4	1/4	1/4		1/4	
1/2	89,218	1/2	73,511	1/2	57,805	1/2	42,110	1/2	26,437	1/2	11,449	1/2		1/2	1/2	1/2		1/2	
3/4	88,891	3/4	73,184	3/4	57,477	3/4	41,784	3/4	26,109	3/4	11,155	3/4		3/4	3/4	3/4		3/4	
6	88,563	6	72,857	6	57,150	6	41,458	6	25,782	6	10,861	6		6		6		6	
1/4	88,236	1/4	72,530	1/4	56,823	1/4	41,132	1/4	25,456	1/4	10,571	1/4		1/4	1/4	1/4		1/4	
1/2	87,909	1/2	72,202	1/2	56,496	1/2	40,806	1/2	25,130	1/2	10,280	1/2		1/2	1/2	1/2		1/2	
3/4	87,582	3/4	71,875	3/4	56,168	3/4	40,480	3/4	24,804	3/4	9,989	3/4		3/4	3/4	3/4		3/4	
7	87,255	7	71,548	7	55,841	7	40,154	7	24,478	7	9,699	7		7		7		7	
1/4	86,927	1/4	71,221	1/4	55,514	1/4	39,828	1/4	24,159	1/4	9,412	1/4		1/4	1/4	1/4		1/4	
1/2	86,600	1/2	70,893	1/2	55,187	1/2	39,502	1/2	23,841	1/2	9,124	1/2		1/2	1/2	1/2		1/2	
3/4	86,273	3/4	70,566	3/4	54,860	3/4	39,176	3/4	23,523	3/4	8,837	3/4		3/4	3/4	3/4		3/4	
8	85,946	8	70,239	8	54,532	8	38,850	8	23,204	8	8,550	8		8		8		8	
1/4	85,618	1/4	69,912	1/4	54,205	1/4	38,523	1/4	22,887	1/4	8,266	1/4		1/4	1/4	1/4		1/4	
1/2	85,291	1/2	69,585	1/2	53,878	1/2	38,197	1/2	22,570	1/2	7,982	1/2		1/2	1/2	1/2		1/2	
3/4	84,964	3/4	69,257	3/4	53,551	3/4	37,871	3/4	22,253	3/4	7,699	3/4		3/4	3/4	3/4		3/4	
9	84,637	9	68,930	9	53,223	9	37,545	9	21,936	9	7,415	9		9		9		9	
1/4	84,310	1/4	68,603	1/4	52,896	1/4	37,219	1/4	21,615	1/4	7,134	1/4		1/4	1/4	1/4		1/4	
1/2	83,982	1/2	68,276	1/2	52,569	1/2	36,893	1/2	21,293	1/2	6,854	1/2		1/2	1/2	1/2		1/2	
3/4	83,655	3/4	67,948	3/4	52,242	3/4	36,567	3/4	20,972	3/4	6,574	3/4		3/4	3/4	3/4		3/4	
10	83,328	10	67,621	10	51,915	10	36,241	10	20,651	10	6,293	10		10		10		10	
1/4	83,001	1/4	67,294	1/4	51,587	1/4	35,915	1/4	20,333	1/4	6,016	1/4		1/4	1/4	1/4		1/4	
1/2	82,673	1/2	66,967	1/2	51,260	1/2	35,589	1/2	20,015	1/2	5,739	1/2		1/2	1/2	1/2		1/2	
3/4	82,346	3/4	66,640	3/4	50,933	3/4	35,263	3/4	19,697	3/4	5,462	3/4		3/4	3/4	3/4		3/4	
11	82,019	11	66,312	11	50,606	11	34,937	11	19,379	11	5,185	11		11		11		11	
1/4	81,692	1/4	65,985	1/4	50,278	1/4	34,610	1/4	19,065	1/4	4,912	1/4		1/4	1/4	1/4		1/4	
1/2	81,365	1/2	65,658	1/2	49,951	1/2	34,283	1/2	18,751	1/2	4,638	1/2		1/2	1/2	1/2		1/2	
3/4	81,037	3/4	65,331	3/4	49,624	3/4	33,957	3/4	18,436	3/4	4,365	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 307"

2 PORT 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	201,967	0	186,888	0	171,810	0	156,659	0	141,493	0	126,326	0	111,156
1/4		1/4		1/4		1/4	201,653	1/4	186,574	1/4	171,496	1/4	156,343	1/4	141,177	1/4	126,010	1/4	110,840
1/2		1/2		1/2		1/2	201,339	1/2	186,260	1/2	171,181	1/2	156,027	1/2	140,861	1/2	125,694	1/2	110,524
3/4		3/4		3/4		3/4	215,049	3/4	201,024	3/4	185,946	3/4	155,711	3/4	140,545	3/4	125,378	3/4	110,208
1		1		1		1	214,889	1	200,710	1	185,632	1	155,395	1	140,229	1	125,062	1	109,892
1/4		1/4		1/4		1/4	214,730	1/4	200,396	1/4	185,318	1/4	155,079	1/4	139,913	1/4	124,746	1/4	109,576
1/2		1/2		1/2		1/2	214,518	1/2	200,082	1/2	185,003	1/2	154,763	1/2	139,597	1/2	124,429	1/2	109,260
3/4		3/4		3/4		3/4	214,306	3/4	199,768	3/4	184,689	3/4	154,447	3/4	139,281	3/4	124,113	3/4	108,944
2		2		2		2	214,094	2	199,454	2	184,375	2	154,131	2	138,965	2	123,797	2	108,627
1/4		1/4		1/4		1/4	213,882	1/4	199,140	1/4	184,061	1/4	153,815	1/4	138,649	1/4	123,481	1/4	108,311
1/2		1/2		1/2		1/2	213,618	1/2	198,825	1/2	183,747	1/2	153,499	1/2	138,333	1/2	123,165	1/2	107,995
3/4		3/4		3/4		3/4	213,355	3/4	198,511	3/4	183,433	3/4	153,183	3/4	138,017	3/4	122,849	3/4	107,679
3		3		3		3	213,091	3	198,197	3	183,119	3	152,867	3	137,701	3	122,533	3	107,363
1/4		1/4		1/4		1/4	212,828	1/4	197,883	1/4	182,804	1/4	152,552	1/4	137,385	1/4	122,217	1/4	107,047
1/2		1/2		1/2		1/2	212,525	1/2	197,569	1/2	182,490	1/2	152,236	1/2	137,069	1/2	121,901	1/2	106,731
3/4		3/4		3/4		3/4	212,223	3/4	197,255	3/4	182,176	3/4	151,920	3/4	136,753	3/4	121,585	3/4	106,415
4		4		4		4	211,920	4	196,941	4	181,862	4	151,604	4	136,437	4	121,269	4	106,099
1/4		1/4		1/4		1/4	211,618	1/4	196,626	1/4	181,548	1/4	151,288	1/4	136,121	1/4	120,953	1/4	105,783
1/2		1/2		1/2		1/2	211,310	1/2	196,312	1/2	181,234	1/2	150,972	1/2	135,806	1/2	120,637	1/2	105,467
3/4		3/4		3/4		3/4	211,002	3/4	195,998	3/4	180,920	3/4	150,656	3/4	135,490	3/4	120,321	3/4	105,151
5		5		5		5	210,694	5	195,684	5	180,606	5	150,340	5	135,174	5	120,005	5	104,835
1/4		1/4		1/4		1/4	210,385	1/4	195,370	1/4	180,291	1/4	150,024	1/4	134,858	1/4	119,689	1/4	104,519
1/2		1/2		1/2		1/2	210,076	1/2	195,056	1/2	179,977	1/2	149,708	1/2	134,542	1/2	119,373	1/2	104,203
3/4		3/4		3/4		3/4	209,767	3/4	194,742	3/4	179,663	3/4	149,392	3/4	134,226	3/4	119,057	3/4	103,887
6		6		6		6	209,458	6	194,428	6	179,349	6	149,076	6	133,910	6	118,741	6	103,571
1/4		1/4		1/4		1/4	209,148	1/4	194,113	1/4	179,035	1/4	148,760	1/4	133,594	1/4	118,425	1/4	103,255
1/2		1/2		1/2		1/2	208,838	1/2	193,799	1/2	178,721	1/2	148,444	1/2	133,278	1/2	118,109	1/2	102,939
3/4		3/4		3/4		3/4	208,528	3/4	193,485	3/4	178,407	3/4	148,128	3/4	132,962	3/4	117,793	3/4	102,623
7		7		7		7	208,218	7	193,171	7	178,092	7	147,812	7	132,646	7	117,477	7	102,307
1/4		1/4		1/4		1/4	207,908	1/4	192,857	1/4	177,778	1/4	147,496	1/4	132,330	1/4	117,161	1/4	101,991
1/2		1/2		1/2		1/2	207,598	1/2	192,543	1/2	177,464	1/2	147,180	1/2	132,014	1/2	116,845	1/2	101,675
3/4		3/4		3/4		3/4	207,287	3/4	192,229	3/4	177,150	3/4	146,864	3/4	131,698	3/4	116,528	3/4	101,359
8		8		8		8	206,977	8	191,914	8	176,836	8	146,548	8	131,382	8	116,212	8	101,043
1/4		1/4		1/4		1/4	206,667	1/4	191,600	1/4	176,522	1/4	146,232	1/4	131,066	1/4	115,896	1/4	100,726
1/2		1/2		1/2		1/2	206,355	1/2	191,286	1/2	176,208	1/2	145,916	1/2	130,750	1/2	115,580	1/2	100,410
3/4		3/4		3/4		3/4	206,044	3/4	190,972	3/4	175,893	3/4	145,600	3/4	130,434	3/4	115,264	3/4	100,094
9		9		9		9	205,733	9	190,658	9	175,579	9	145,284	9	130,118	9	114,948	9	99,778
1/4		1/4		1/4		1/4	205,422	1/4	190,344	1/4	175,265	1/4	144,968	1/4	129,802	1/4	114,632	1/4	99,462
1/2		1/2		1/2		1/2	205,108	1/2	190,030	1/2	174,951	1/2	144,652	1/2	129,486	1/2	114,316	1/2	99,146
3/4		3/4		3/4		3/4	204,794	3/4	189,715	3/4	174,637	3/4	144,337	3/4	129,170	3/4	114,000	3/4	98,830
10		10		10		10	204,480	10	189,401	10	174,323	10	144,021	10	128,854	10	113,684	10	98,514
1/4		1/4		1/4		1/4	204,166	1/4	189,087	1/4	174,009	1/4	143,705	1/4	128,538	1/4	113,368	1/4	98,198
1/2		1/2		1/2		1/2	203,852	1/2	188,773	1/2	173,695	1/2	143,389	1/2	128,222	1/2	113,052	1/2	97,882
3/4		3/4		3/4		3/4	203,538	3/4	188,459	3/4	173,380	3/4	143,073	3/4	127,906	3/4	112,736	3/4	97,566
11		11		11		11	203,223	11	188,145	11	173,066	11	142,757	11	127,590	11	112,420	11	97,250
1/4		1/4		1/4		1/4	202,909	1/4	187,831	1/4	172,752	1/4	142,441	1/4	127,274	1/4	112,104	1/4	96,934
1/2		1/2		1/2		1/2	202,595	1/2	187,517	1/2	172,438	1/2	142,125	1/2	126,958	1/2	111,788	1/2	96,618
3/4		3/4		3/4		3/4	202,281	3/4	187,202	3/4	172,124	3/4	141,809	3/4	126,642	3/4	111,472	3/4	96,302

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

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BARGE "CBC 307"

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	95,986	0	80,816	0	65,646	0	50,476	0	35,566	0	20,396	0	5,227	0		0		0	
1/4	95,670	1/4	80,500	1/4	65,330	1/4	50,160	1/4	35,250	1/4	20,080	1/4	4,911	1/4	1/4		1/4	1/4	
1/2	95,354	1/2	80,184	1/2	65,014	1/2	49,845	1/2	34,934	1/2	19,764	1/2	4,596	1/2	1/2		1/2	1/2	
3/4	95,038	3/4	79,868	3/4	64,698	3/4	49,529	3/4	34,618	3/4	19,448	3/4	4,280	3/4	3/4		3/4	3/4	
1	94,722	1	79,552	1	64,382	1	49,214	1	34,302	1	19,132	1	3,965	1		1		1	
1/4	94,406	1/4	79,236	1/4	64,066	1/4	48,899	1/4	33,986	1/4	18,816	1/4	3,650	1/4	1/4		1/4	1/4	
1/2	94,090	1/2	78,920	1/2	63,750	1/2	48,589	1/2	33,670	1/2	18,500	1/2	3,340	1/2	1/2		1/2	1/2	
3/4	93,774	3/4	78,604	3/4	63,434	3/4	48,279	3/4	33,354	3/4	18,184	3/4	3,030	3/4	3/4		3/4	3/4	
2	93,458	2	78,288	2	63,118	2	47,969	2	33,038	2	17,868	2	2,720	2		2		2	
1/4	93,141	1/4	77,972	1/4	62,802	1/4	47,660	1/4	32,722	1/4	17,552	1/4	2,410	1/4	1/4		1/4	1/4	
1/2	92,825	1/2	77,656	1/2	62,486	1/2	47,350	1/2	32,406	1/2	17,236	1/2	2,144	1/2	1/2		1/2	1/2	
3/4	92,509	3/4	77,339	3/4	62,170	3/4	47,040	3/4	32,090	3/4	16,920	3/4	1,877	3/4	3/4		3/4	3/4	
3	92,193	3	77,023	3	61,853	3	46,730	3	31,774	3	16,604	3	1,611	3		3		3	
1/4	91,877	1/4	76,707	1/4	61,537	1/4	46,421	1/4	31,458	1/4	16,288	1/4	1,344	1/4	1/4		1/4	1/4	
1/2	91,561	1/2	76,391	1/2	61,221	1/2	46,111	1/2	31,142	1/2	15,972	1/2	1,156	1/2	1/2		1/2	1/2	
3/4	91,245	3/4	76,075	3/4	60,905	3/4	45,802	3/4	30,825	3/4	15,656	3/4	969	3/4	3/4		3/4	3/4	
4	90,929	4	75,759	4	60,589	4	45,492	4	30,509	4	15,340	4	781	4		4		4	
1/4	90,613	1/4	75,443	1/4	60,273	1/4	45,183	1/4	30,193	1/4	15,024	1/4	593	1/4	1/4		1/4	1/4	
1/2	90,297	1/2	75,127	1/2	59,957	1/2	44,873	1/2	29,877	1/2	14,708	1/2		1/2	1/2		1/2	1/2	
3/4	89,981	3/4	74,811	3/4	59,641	3/4	44,564	3/4	29,561	3/4	14,392	3/4		3/4	3/4		3/4	3/4	
5	89,665	5	74,495	5	59,325	5	44,254	5	29,245	5	14,076	5		5		5		5	
1/4	89,349	1/4	74,179	1/4	59,009	1/4	43,945	1/4	28,929	1/4	13,760	1/4		1/4	1/4		1/4	1/4	
1/2	89,033	1/2	73,863	1/2	58,693	1/2	43,635	1/2	28,613	1/2	13,444	1/2		1/2	1/2		1/2	1/2	
3/4	88,717	3/4	73,547	3/4	58,377	3/4	43,326	3/4	28,297	3/4	13,128	3/4		3/4	3/4		3/4	3/4	
6	88,401	6	73,231	6	58,061	6	43,016	6	27,981	6	12,812	6		6		6		6	
1/4	88,085	1/4	72,915	1/4	57,745	1/4	42,707	1/4	27,665	1/4	12,496	1/4		1/4	1/4		1/4	1/4	
1/2	87,769	1/2	72,599	1/2	57,429	1/2	42,397	1/2	27,349	1/2	12,180	1/2		1/2	1/2		1/2	1/2	
3/4	87,453	3/4	72,283	3/4	57,113	3/4	42,088	3/4	27,033	3/4	11,864	3/4		3/4	3/4		3/4	3/4	
7	87,137	7	71,967	7	56,797	7	41,778	7	26,717	7	11,548	7		7		7		7	
1/4	86,821	1/4	71,651	1/4	56,481	1/4	41,469	1/4	26,401	1/4	11,232	1/4		1/4	1/4		1/4	1/4	
1/2	86,505	1/2	71,335	1/2	56,165	1/2	41,159	1/2	26,085	1/2	10,916	1/2		1/2	1/2		1/2	1/2	
3/4	86,189	3/4	71,019	3/4	55,849	3/4	40,850	3/4	25,769	3/4	10,599	3/4		3/4	3/4		3/4	3/4	
8	85,873	8	70,703	8	55,533	8	40,541	8	25,453	8	10,283	8		8		8		8	
1/4	85,557	1/4	70,387	1/4	55,217	1/4	40,231	1/4	25,137	1/4	9,967	1/4		1/4	1/4		1/4	1/4	
1/2	85,240	1/2	70,071	1/2	54,901	1/2	39,922	1/2	24,821	1/2	9,651	1/2		1/2	1/2		1/2	1/2	
3/4	84,924	3/4	69,755	3/4	54,585	3/4	39,612	3/4	24,505	3/4	9,335	3/4		3/4	3/4		3/4	3/4	
9	84,608	9	69,438	9	54,269	9	39,303	9	24,189	9	9,019	9		9		9		9	
1/4	84,292	1/4	69,122	1/4	53,952	1/4	38,993	1/4	23,873	1/4	8,703	1/4		1/4	1/4		1/4	1/4	
1/2	83,976	1/2	68,806	1/2	53,636	1/2	38,684	1/2	23,557	1/2	8,387	1/2		1/2	1/2		1/2	1/2	
3/4	83,660	3/4	68,490	3/4	53,320	3/4	38,374	3/4	23,241	3/4	8,071	3/4		3/4	3/4		3/4	3/4	
10	83,344	10	68,174	10	53,004	10	38,065	10	22,925	10	7,755	10		10		10		10	
1/4	83,028	1/4	67,858	1/4	52,688	1/4	37,755	1/4	22,609	1/4	7,439	1/4		1/4	1/4		1/4	1/4	
1/2	82,712	1/2	67,542	1/2	52,372	1/2	37,445	1/2	22,293	1/2	7,123	1/2		1/2	1/2		1/2	1/2	
3/4	82,396	3/4	67,226	3/4	52,056	3/4	37,135	3/4	21,977	3/4	6,807	3/4		3/4	3/4		3/4	3/4	
11	82,080	11	66,910	11	51,740	11	36,824	11	21,661	11	6,491	11		11		11		11	
1/4	81,764	1/4	66,594	1/4	51,424	1/4	36,514	1/4	21,345	1/4	6,175	1/4		1/4	1/4		1/4	1/4	
1/2	81,448	1/2	66,278	1/2	51,108	1/2	36,198	1/2	21,029	1/2	5,859	1/2		1/2	1/2		1/2	1/2	
3/4	81,132	3/4	65,962	3/4	50,792	3/4	35,882	3/4	20,712	3/4	5,543	3/4		3/4	3/4		3/4	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 307"

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	201,714	0	186,649	0	171,583	0	156,446	0	141,292	0	126,138	0	110,981
1/4		1/4		1/4		1/4	201,401	1/4	186,335	1/4	171,269	1/4	156,130	1/4	140,977	1/4	125,823	1/4	110,666
1/2		1/2		1/2		1/2	201,087	1/2	186,021	1/2	170,955	1/2	155,814	1/2	140,661	1/2	125,507	1/2	110,350
3/4		3/4		3/4		3/4	214,785	3/4	200,773	3/4	185,707	3/4	170,642	3/4	155,498	3/4	140,345	3/4	110,034
1		1		1		1	214,626	1	200,459	1	185,393	1	170,328	1	155,183	1	140,030	1	109,718
1/4		1/4		1/4		1/4	214,467	1/4	200,145	1/4	185,079	1/4	170,014	1/4	154,867	1/4	139,714	1/4	109,403
1/2		1/2		1/2		1/2	214,255	1/2	199,831	1/2	184,766	1/2	169,700	1/2	154,551	1/2	139,398	1/2	109,087
3/4		3/4		3/4		3/4	214,043	3/4	199,517	3/4	184,452	3/4	169,386	3/4	154,236	3/4	139,083	3/4	108,771
2		2		2		2	213,831	2	199,203	2	184,138	2	169,072	2	153,920	2	138,767	2	108,455
1/4		1/4		1/4		1/4	213,619	1/4	198,890	1/4	183,824	1/4	168,757	1/4	153,604	1/4	138,451	1/4	108,139
1/2		1/2		1/2		1/2	213,356	1/2	198,576	1/2	183,510	1/2	168,442	1/2	153,289	1/2	138,135	1/2	107,824
3/4		3/4		3/4		3/4	213,093	3/4	198,262	3/4	183,196	3/4	168,126	3/4	152,973	3/4	137,820	3/4	107,508
3		3		3		3	212,829	3	197,948	3	182,882	3	167,810	3	152,657	3	137,504	3	107,192
1/4		1/4		1/4		1/4	212,566	1/4	197,634	1/4	182,569	1/4	167,495	1/4	152,342	1/4	137,188	1/4	106,876
1/2		1/2		1/2		1/2	212,264	1/2	197,320	1/2	182,255	1/2	167,179	1/2	152,026	1/2	136,873	1/2	106,561
3/4		3/4		3/4		3/4	211,962	3/4	197,006	3/4	181,941	3/4	166,863	3/4	151,710	3/4	136,557	3/4	106,245
4		4		4		4	211,659	4	196,693	4	181,627	4	166,548	4	151,394	4	136,241	4	105,929
1/4		1/4		1/4		1/4	211,357	1/4	196,379	1/4	181,313	1/4	166,232	1/4	151,079	1/4	135,926	1/4	105,613
1/2		1/2		1/2		1/2	211,049	1/2	196,065	1/2	180,999	1/2	165,916	1/2	150,763	1/2	135,610	1/2	105,298
3/4		3/4		3/4		3/4	210,741	3/4	195,751	3/4	180,685	3/4	165,601	3/4	150,447	3/4	135,294	3/4	104,982
5		5		5		5	210,434	5	195,437	5	180,371	5	165,285	5	150,132	5	134,979	5	104,666
1/4		1/4		1/4		1/4	210,126	1/4	195,123	1/4	180,058	1/4	164,969	1/4	149,816	1/4	134,663	1/4	104,350
1/2		1/2		1/2		1/2	209,817	1/2	194,809	1/2	179,744	1/2	164,653	1/2	149,500	1/2	134,347	1/2	104,035
3/4		3/4		3/4		3/4	209,508	3/4	194,495	3/4	179,430	3/4	164,338	3/4	149,185	3/4	134,031	3/4	103,719
6		6		6		6	209,199	6	194,182	6	179,116	6	164,022	6	148,869	6	133,716	6	103,403
1/4		1/4		1/4		1/4	208,890	1/4	193,868	1/4	178,802	1/4	163,706	1/4	148,553	1/4	133,400	1/4	103,087
1/2		1/2		1/2		1/2	208,580	1/2	193,554	1/2	178,488	1/2	163,391	1/2	148,238	1/2	133,084	1/2	102,771
3/4		3/4		3/4		3/4	208,270	3/4	193,240	3/4	178,174	3/4	163,075	3/4	147,922	3/4	132,769	3/4	102,456
7		7		7		7	207,960	7	192,926	7	177,861	7	162,759	7	147,606	7	132,453	7	102,140
1/4		1/4		1/4		1/4	207,651	1/4	192,612	1/4	177,547	1/4	162,444	1/4	147,290	1/4	132,137	1/4	101,824
1/2		1/2		1/2		1/2	207,341	1/2	192,298	1/2	177,233	1/2	162,128	1/2	146,975	1/2	131,822	1/2	101,508
3/4		3/4		3/4		3/4	207,030	3/4	191,985	3/4	176,919	3/4	161,812	3/4	146,659	3/4	131,506	3/4	101,193
8		8		8		8	206,720	8	191,671	8	176,605	8	161,497	8	146,343	8	131,190	8	100,877
1/4		1/4		1/4		1/4	206,410	1/4	191,357	1/4	176,291	1/4	161,181	1/4	146,028	1/4	130,875	1/4	100,561
1/2		1/2		1/2		1/2	206,099	1/2	191,043	1/2	175,977	1/2	160,865	1/2	145,712	1/2	130,559	1/2	100,245
3/4		3/4		3/4		3/4	205,788	3/4	190,729	3/4	175,663	3/4	160,550	3/4	145,396	3/4	130,243	3/4	99,930
9		9		9		9	205,478	9	190,415	9	175,350	9	160,234	9	145,081	9	129,927	9	99,614
1/4		1/4		1/4		1/4	205,167	1/4	190,101	1/4	175,036	1/4	159,918	1/4	144,765	1/4	129,612	1/4	99,298
1/2		1/2		1/2		1/2	204,853	1/2	189,787	1/2	174,722	1/2	159,602	1/2	144,449	1/2	129,296	1/2	98,982
3/4		3/4		3/4		3/4	204,539	3/4	189,474	3/4	174,408	3/4	159,287	3/4	144,134	3/4	128,980	3/4	98,666
10		10		10		10	204,225	10	189,160	10	174,094	10	158,971	10	143,818	10	128,664	10	98,351
1/4		1/4		1/4		1/4	203,911	1/4	188,846	1/4	173,780	1/4	158,655	1/4	143,502	1/4	128,349	1/4	98,035
1/2		1/2		1/2		1/2	203,598	1/2	188,532	1/2	173,466	1/2	158,340	1/2	143,187	1/2	128,033	1/2	97,719
3/4		3/4		3/4		3/4	203,284	3/4	188,218	3/4	173,153	3/4	158,024	3/4	142,871	3/4	127,717	3/4	97,403
11		11		11		11	202,970	11	187,904	11	172,839	11	157,708	11	142,555	11	127,401	11	97,088
1/4		1/4		1/4		1/4	202,656	1/4	187,590	1/4	172,525	1/4	157,393	1/4	142,239	1/4	127,086	1/4	96,772
1/2		1/2		1/2		1/2	202,342	1/2	187,277	1/2	172,211	1/2	157,077	1/2	141,924	1/2	126,770	1/2	96,456
3/4		3/4		3/4		3/4	202,028	3/4	186,963	3/4	171,897	3/4	156,761	3/4	141,608	3/4	126,454	3/4	96,140

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
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BARGE "CBC 307"

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	95,825	0	80,668	0	65,511	0	50,354	0	35,502	0	20,379	0	5,223	0		0		0	
1/4	95,509	1/4	80,352	1/4	65,195	1/4	50,038	1/4	35,193	1/4	20,063	1/4	4,907	1/4		1/4		1/4	
1/2	95,193	1/2	80,036	1/2	64,879	1/2	49,723	1/2	34,884	1/2	19,747	1/2	4,592	1/2		1/2		1/2	
3/4	94,877	3/4	79,720	3/4	64,563	3/4	49,407	3/4	34,575	3/4	19,432	3/4	4,277	3/4		3/4		3/4	
1	94,561	1	79,405	1	64,248	1	49,091	1	34,266	1	19,116	1	3,962	1		1		1	
1/4	94,246	1/4	79,089	1/4	63,932	1/4	48,776	1/4	33,957	1/4	18,800	1/4	3,646	1/4		1/4		1/4	
1/2	93,930	1/2	78,773	1/2	63,616	1/2	48,462	1/2	33,641	1/2	18,484	1/2	3,337	1/2		1/2		1/2	
3/4	93,614	3/4	78,457	3/4	63,300	3/4	48,148	3/4	33,325	3/4	18,169	3/4	3,027	3/4		3/4		3/4	
2	93,298	2	78,141	2	62,985	2	47,834	2	33,009	2	17,853	2	2,718	2		2		2	
1/4	92,983	1/4	77,826	1/4	62,669	1/4	47,520	1/4	32,694	1/4	17,537	1/4	2,408	1/4		1/4		1/4	
1/2	92,667	1/2	77,510	1/2	62,353	1/2	47,207	1/2	32,378	1/2	17,221	1/2	2,142	1/2		1/2		1/2	
3/4	92,351	3/4	77,194	3/4	62,037	3/4	46,894	3/4	32,062	3/4	16,906	3/4	1,876	3/4		3/4		3/4	
3	92,035	3	76,878	3	61,722	3	46,581	3	31,746	3	16,590	3	1,609	3		3		3	
1/4	91,720	1/4	76,563	1/4	61,406	1/4	46,268	1/4	31,430	1/4	16,274	1/4	1,343	1/4		1/4		1/4	
1/2	91,404	1/2	76,247	1/2	61,090	1/2	45,961	1/2	31,115	1/2	15,958	1/2	1,155	1/2		1/2		1/2	
3/4	91,088	3/4	75,931	3/4	60,774	3/4	45,653	3/4	30,799	3/4	15,643	3/4	968	3/4		3/4		3/4	
4	90,772	4	75,615	4	60,458	4	45,346	4	30,483	4	15,327	4	780	4		4		4	
1/4	90,456	1/4	75,300	1/4	60,143	1/4	45,038	1/4	30,167	1/4	15,011	1/4	593	1/4		1/4		1/4	
1/2	90,141	1/2	74,984	1/2	59,827	1/2	44,730	1/2	29,852	1/2	14,695	1/2		1/2		1/2		1/2	
3/4	89,825	3/4	74,668	3/4	59,511	3/4	44,423	3/4	29,536	3/4	14,379	3/4		3/4		3/4		3/4	
5	89,509	5	74,352	5	59,195	5	44,115	5	29,220	5	14,064	5		5		5		5	
1/4	89,193	1/4	74,036	1/4	58,880	1/4	43,808	1/4	28,904	1/4	13,748	1/4		1/4		1/4		1/4	
1/2	88,878	1/2	73,721	1/2	58,564	1/2	43,500	1/2	28,589	1/2	13,432	1/2		1/2		1/2		1/2	
3/4	88,562	3/4	73,405	3/4	58,248	3/4	43,193	3/4	28,273	3/4	13,116	3/4		3/4		3/4		3/4	
6	88,246	6	73,089	6	57,932	6	42,885	6	27,957	6	12,801	6		6		6		6	
1/4	87,930	1/4	72,773	1/4	57,617	1/4	42,578	1/4	27,641	1/4	12,485	1/4		1/4		1/4		1/4	
1/2	87,615	1/2	72,458	1/2	57,301	1/2	42,270	1/2	27,326	1/2	12,169	1/2		1/2		1/2		1/2	
3/4	87,299	3/4	72,142	3/4	56,985	3/4	41,963	3/4	27,010	3/4	11,853	3/4		3/4		3/4		3/4	
7	86,983	7	71,826	7	56,669	7	41,655	7	26,694	7	11,538	7		7		7		7	
1/4	86,667	1/4	71,510	1/4	56,353	1/4	41,347	1/4	26,378	1/4	11,222	1/4		1/4		1/4		1/4	
1/2	86,351	1/2	71,195	1/2	56,038	1/2	41,040	1/2	26,063	1/2	10,906	1/2		1/2		1/2		1/2	
3/4	86,036	3/4	70,879	3/4	55,722	3/4	40,732	3/4	25,747	3/4	10,590	3/4		3/4		3/4		3/4	
8	85,720	8	70,563	8	55,406	8	40,425	8	25,431	8	10,275	8		8		8		8	
1/4	85,404	1/4	70,247	1/4	55,090	1/4	40,117	1/4	25,115	1/4	9,959	1/4		1/4		1/4		1/4	
1/2	85,088	1/2	69,931	1/2	54,775	1/2	39,810	1/2	24,800	1/2	9,643	1/2		1/2		1/2		1/2	
3/4	84,773	3/4	69,616	3/4	54,459	3/4	39,502	3/4	24,484	3/4	9,327	3/4		3/4		3/4		3/4	
9	84,457	9	69,300	9	54,143	9	39,195	9	24,168	9	9,012	9		9		9		9	
1/4	84,141	1/4	68,984	1/4	53,827	1/4	38,887	1/4	23,852	1/4	8,696	1/4		1/4		1/4		1/4	
1/2	83,825	1/2	68,668	1/2	53,512	1/2	38,580	1/2	23,537	1/2	8,380	1/2		1/2		1/2		1/2	
3/4	83,510	3/4	68,353	3/4	53,196	3/4	38,272	3/4	23,221	3/4	8,064	3/4		3/4		3/4		3/4	
10	83,194	10	68,037	10	52,880	10	37,964	10	22,905	10	7,749	10		10		10		10	
1/4	82,878	1/4	67,721	1/4	52,564	1/4	37,657	1/4	22,589	1/4	7,433	1/4		1/4		1/4		1/4	
1/2	82,562	1/2	67,405	1/2	52,248	1/2	37,349	1/2	22,273	1/2	7,117	1/2		1/2		1/2		1/2	
3/4	82,246	3/4	67,090	3/4	51,933	3/4	37,042	3/4	21,958	3/4	6,801	3/4		3/4		3/4		3/4	
11	81,931	11	66,774	11	51,617	11	36,734	11	21,642	11	6,486	11		11		11		11	
1/4	81,615	1/4	66,458	1/4	51,301	1/4	36,426	1/4	21,326	1/4	6,170	1/4		1/4		1/4		1/4	
1/2	81,299	1/2	66,142	1/2	50,985	1/2	36,118	1/2	21,010	1/2	5,854	1/2		1/2		1/2		1/2	
3/4	80,983	3/4	65,826	3/4	50,670	3/4	35,810	3/4	20,695	3/4	5,538	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 307"

3 PORT ULLAGE 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		0		0	205,504	0	194,420	0	182,506	0	170,591	0	158,613	0	143,982	0	128,438	0	112,893
1/4		1/4		1/4	205,378	1/4	194,172	1/4	182,257	1/4	170,343	1/4	158,361	1/4	143,658	1/4	128,114	1/4	112,569
1/2		1/2		1/2	205,252	1/2	193,924	1/2	182,009	1/2	170,095	1/2	158,108	1/2	143,334	1/2	127,790	1/2	112,245
3/4		3/4		3/4	205,084	3/4	193,675	3/4	181,761	3/4	169,847	3/4	157,846	3/4	143,010	3/4	127,466	3/4	111,921
1		1		1	204,916	1	193,427	1	181,513	1	169,598	1	157,585	1	142,686	1	127,142	1	111,598
1/4		1/4		1/4	204,749	1/4	193,179	1/4	181,265	1/4	169,350	1/4	157,323	1/4	142,363	1/4	126,818	1/4	111,274
1/2		1/2		1/2	204,581	1/2	192,931	1/2	181,016	1/2	169,101	1/2	157,061	1/2	142,039	1/2	126,494	1/2	110,950
3/4		3/4		3/4	204,373	3/4	192,682	3/4	180,768	3/4	168,852	3/4	156,786	3/4	141,715	3/4	126,171	3/4	110,627
2		2		2	204,165	2	192,434	2	180,520	2	168,602	2	156,512	2	141,391	2	125,847	2	110,303
1/4		1/4		1/4	203,956	1/4	192,186	1/4	180,272	1/4	168,353	1/4	156,238	1/4	141,067	1/4	125,523	1/4	109,980
1/2		1/2		1/2	203,748	1/2	191,938	1/2	180,024	1/2	168,103	1/2	155,963	1/2	140,743	1/2	125,199	1/2	109,656
3/4		3/4		3/4	203,509	3/4	191,690	3/4	179,775	3/4	167,854	3/4	155,676	3/4	140,420	3/4	124,875	3/4	109,332
3		3		3	203,270	3	191,441	3	179,527	3	167,604	3	155,389	3	140,096	3	124,551	3	109,009
1/4		1/4		1/4	203,031	1/4	191,193	1/4	179,279	1/4	167,354	1/4	155,102	1/4	139,772	1/4	124,227	1/4	108,685
1/2		1/2		1/2	202,792	1/2	190,945	1/2	179,031	1/2	167,105	1/2	154,815	1/2	139,448	1/2	123,904	1/2	108,362
3/4		3/4		3/4	202,548	3/4	190,697	3/4	178,782	3/4	166,855	3/4	154,516	3/4	139,124	3/4	123,580	3/4	108,038
4		4		4	202,305	4	190,449	4	178,534	4	166,606	4	154,216	4	138,800	4	123,256	4	107,715
1/4		1/4		1/4	202,061	1/4	190,200	1/4	178,286	1/4	166,356	1/4	153,917	1/4	138,477	1/4	122,932	1/4	107,391
1/2		1/2		1/2	201,818	1/2	189,952	1/2	178,038	1/2	166,106	1/2	153,617	1/2	138,153	1/2	122,608	1/2	107,068
3/4		3/4		3/4	201,573	3/4	189,704	3/4	177,790	3/4	165,857	3/4	153,305	3/4	137,829	3/4	122,284	3/4	106,745
5		5		5	201,329	5	189,456	5	177,541	5	165,607	5	152,993	5	137,505	5	121,960	5	106,422
1/4		1/4		1/4	201,084	1/4	189,207	1/4	177,293	1/4	165,358	1/4	152,681	1/4	137,181	1/4	121,637	1/4	106,100
1/2		1/2		1/2	200,840	1/2	188,959	1/2	177,045	1/2	165,108	1/2	152,370	1/2	136,858	1/2	121,313	1/2	105,777
3/4		3/4		3/4	200,595	3/4	188,711	3/4	176,797	3/4	164,859	3/4	152,049	3/4	136,534	3/4	120,989	3/4	105,454
6		6		6	200,350	6	188,463	6	176,549	6	164,609	6	151,728	6	136,210	6	120,665	6	105,131
1/4		1/4		1/4	200,105	1/4	188,215	1/4	176,300	1/4	164,359	1/4	151,406	1/4	135,886	1/4	120,341	1/4	104,809
1/2		1/2		1/2	199,860	1/2	187,966	1/2	176,052	1/2	164,110	1/2	151,085	1/2	135,562	1/2	120,017	1/2	104,486
3/4		3/4		3/4	199,614	3/4	187,718	3/4	175,804	3/4	163,860	3/4	150,763	3/4	135,238	3/4	119,693	3/4	104,163
7		7		7	199,369	7	187,470	7	175,556	7	163,611	7	150,441	7	134,915	7	119,370	7	103,840
1/4		1/4		1/4	199,124	1/4	187,222	1/4	175,307	1/4	163,361	1/4	150,118	1/4	134,591	1/4	119,046	1/4	103,517
1/2		1/2		1/2	198,878	1/2	186,974	1/2	175,059	1/2	163,111	1/2	149,796	1/2	134,267	1/2	118,722	1/2	103,194
3/4		3/4		3/4	198,633	3/4	186,725	3/4	174,811	3/4	162,862	3/4	149,473	3/4	133,943	3/4	118,398	3/4	102,871
8		8		8	198,387	8	186,477	8	174,563	8	162,612	8	149,150	8	133,619	8	118,074	8	102,548
1/4		1/4		1/4	198,141	1/4	186,229	1/4	174,315	1/4	162,363	1/4	148,828	1/4	133,295	1/4	117,750	1/4	102,225
1/2		1/2		1/2	197,895	1/2	185,981	1/2	174,066	1/2	162,113	1/2	148,505	1/2	132,972	1/2	117,426	1/2	101,902
3/4		3/4		3/4	197,647	3/4	185,732	3/4	173,818	3/4	161,864	3/4	148,182	3/4	132,648	3/4	117,103	3/4	101,579
9		9		9	197,399	9	185,484	9	173,570	9	161,614	9	147,859	9	132,324	9	116,779	9	101,256
1/4		1/4		1/4	197,150	1/4	185,236	1/4	173,322	1/4	161,364	1/4	147,537	1/4	132,000	1/4	116,455	1/4	100,933
1/2		1/2		1/2	196,902	1/2	184,988	1/2	173,074	1/2	161,115	1/2	147,214	1/2	131,676	1/2	116,131	1/2	100,610
3/4		3/4		3/4	196,654	3/4	184,740	3/4	172,825	3/4	160,865	3/4	146,891	3/4	131,352	3/4	115,807	3/4	100,287
10		10		10	196,406	10	184,491	10	172,577	10	160,616	10	146,568	10	131,028	10	115,483	10	99,964
1/4		1/4		1/4	196,157	1/4	184,243	1/4	172,329	1/4	160,366	1/4	146,245	1/4	130,705	1/4	115,159	1/4	99,641
1/2		1/2		1/2	195,909	1/2	183,995	1/2	172,081	1/2	160,117	1/2	145,922	1/2	130,381	1/2	114,836	1/2	99,318
3/4		3/4		3/4	195,661	3/4	183,747	3/4	171,832	3/4	159,867	3/4	145,599	3/4	130,057	3/4	114,512	3/4	98,994
11		11		11	195,413	11	183,499	11	171,584	11	159,617	11	145,276	11	129,733	11	114,188	11	98,671
1/4		1/4		1/4	195,165	1/4	183,250	1/4	171,336	1/4	159,367	1/4	144,953	1/4	129,409	1/4	113,864	1/4	98,348
1/2		1/2		1/2	194,916	1/2	183,002	1/2	171,088	1/2	159,117	1/2	144,629	1/2	129,085	1/2	113,540	1/2	98,025
3/4		3/4		3/4	194,668	3/4	182,754	3/4	170,840	3/4	158,865	3/4	144,306	3/4	128,761	3/4	113,216	3/4	97,702

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 307"

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	97,379	0	81,841	0	66,284	0	50,777	0	35,574	0	19,997	0	4,401	0		0		0	
1/4	97,056	1/4	81,517	1/4	65,960	1/4	50,461	1/4	35,250	1/4	19,672	1/4	4,076	1/4		1/4		1/4	
1/2	96,733	1/2	81,192	1/2	65,636	1/2	50,145	1/2	34,926	1/2	19,347	1/2	3,752	1/2		1/2		1/2	
3/4	96,410	3/4	80,868	3/4	65,312	3/4	49,829	3/4	34,602	3/4	19,022	3/4	3,433	3/4		3/4		3/4	
1	96,087	1	80,544	1	64,987	1	49,513	1	34,278	1	18,697	1	3,115	1		1		1	
1/4	95,764	1/4	80,220	1/4	64,663	1/4	49,197	1/4	33,954	1/4	18,372	1/4	2,796	1/4		1/4		1/4	
1/2	95,441	1/2	79,896	1/2	64,339	1/2	48,881	1/2	33,630	1/2	18,047	1/2	2,478	1/2		1/2		1/2	
3/4	95,118	3/4	79,572	3/4	64,015	3/4	48,565	3/4	33,306	3/4	17,723	3/4	2,204	3/4		3/4		3/4	
2	94,795	2	79,248	2	63,691	2	48,249	2	32,982	2	17,398	2	1,930	2		2		2	
1/4	94,472	1/4	78,924	1/4	63,367	1/4	47,933	1/4	32,658	1/4	17,073	1/4	1,656	1/4		1/4		1/4	
1/2	94,149	1/2	78,600	1/2	63,043	1/2	47,617	1/2	32,334	1/2	16,748	1/2	1,381	1/2		1/2		1/2	
3/4	93,826	3/4	78,275	3/4	62,719	3/4	47,302	3/4	32,010	3/4	16,423	3/4	1,188	3/4		3/4		3/4	
3	93,503	3	77,951	3	62,394	3	46,986	3	31,686	3	16,098	3	996	3		3		3	
1/4	93,180	1/4	77,627	1/4	62,070	1/4	46,671	1/4	31,362	1/4	15,773	1/4	803	1/4		1/4		1/4	
1/2	92,857	1/2	77,303	1/2	61,746	1/2	46,355	1/2	31,038	1/2	15,448	1/2	610	1/2		1/2		1/2	
3/4	92,534	3/4	76,979	3/4	61,422	3/4	46,039	3/4	30,714	3/4	15,123	3/4		3/4		3/4		3/4	
4	92,211	4	76,655	4	61,098	4	45,724	4	30,390	4	14,798	4		4		4		4	
1/4	91,888	1/4	76,331	1/4	60,774	1/4	45,408	1/4	30,066	1/4	14,473	1/4		1/4		1/4		1/4	
1/2	91,564	1/2	76,007	1/2	60,450	1/2	45,093	1/2	29,743	1/2	14,148	1/2		1/2		1/2		1/2	
3/4	91,240	3/4	75,682	3/4	60,126	3/4	44,777	3/4	29,418	3/4	13,823	3/4		3/4		3/4		3/4	
5	90,916	5	75,358	5	59,801	5	44,462	5	29,094	5	13,498	5		5		5		5	
1/4	90,592	1/4	75,034	1/4	59,477	1/4	44,146	1/4	28,770	1/4	13,173	1/4		1/4		1/4		1/4	
1/2	90,268	1/2	74,710	1/2	59,153	1/2	43,831	1/2	28,446	1/2	12,848	1/2		1/2		1/2		1/2	
3/4	89,944	3/4	74,386	3/4	58,829	3/4	43,515	3/4	28,121	3/4	12,523	3/4		3/4		3/4		3/4	
6	89,620	6	74,062	6	58,505	6	43,200	6	27,796	6	12,198	6		6		6		6	
1/4	89,296	1/4	73,738	1/4	58,181	1/4	42,884	1/4	27,471	1/4	11,873	1/4		1/4		1/4		1/4	
1/2	88,971	1/2	73,414	1/2	57,857	1/2	42,569	1/2	27,146	1/2	11,548	1/2		1/2		1/2		1/2	
3/4	88,647	3/4	73,089	3/4	57,533	3/4	42,253	3/4	26,821	3/4	11,223	3/4		3/4		3/4		3/4	
7	88,323	7	72,765	7	57,208	7	41,937	7	26,496	7	10,898	7		7		7		7	
1/4	87,999	1/4	72,441	1/4	56,884	1/4	41,622	1/4	26,171	1/4	10,573	1/4		1/4		1/4		1/4	
1/2	87,675	1/2	72,117	1/2	56,560	1/2	41,306	1/2	25,847	1/2	10,248	1/2		1/2		1/2		1/2	
3/4	87,351	3/4	71,793	3/4	56,236	3/4	40,991	3/4	25,522	3/4	9,923	3/4		3/4		3/4		3/4	
8	87,027	8	71,469	8	55,912	8	40,675	8	25,197	8	9,598	8		8		8		8	
1/4	86,703	1/4	71,145	1/4	55,588	1/4	40,360	1/4	24,872	1/4	9,274	1/4		1/4		1/4		1/4	
1/2	86,378	1/2	70,821	1/2	55,264	1/2	40,044	1/2	24,547	1/2	8,949	1/2		1/2		1/2		1/2	
3/4	86,054	3/4	70,496	3/4	54,940	3/4	39,729	3/4	24,222	3/4	8,624	3/4		3/4		3/4		3/4	
9	85,730	9	70,172	9	54,615	9	39,413	9	23,897	9	8,299	9		9		9		9	
1/4	85,406	1/4	69,848	1/4	54,291	1/4	39,098	1/4	23,572	1/4	7,974	1/4		1/4		1/4		1/4	
1/2	85,082	1/2	69,524	1/2	53,967	1/2	38,782	1/2	23,247	1/2	7,649	1/2		1/2		1/2		1/2	
3/4	84,758	3/4	69,200	3/4	53,644	3/4	38,466	3/4	22,922	3/4	7,324	3/4		3/4		3/4		3/4	
10	84,434	10	68,876	10	53,321	10	38,150	10	22,597	10	6,999	10		10		10		10	
1/4	84,110	1/4	68,552	1/4	52,998	1/4	37,834	1/4	22,272	1/4	6,674	1/4		1/4		1/4		1/4	
1/2	83,785	1/2	68,228	1/2	52,675	1/2	37,517	1/2	21,947	1/2	6,349	1/2		1/2		1/2		1/2	
3/4	83,461	3/4	67,904	3/4	52,358	3/4	37,193	3/4	21,622	3/4	6,024	3/4		3/4		3/4		3/4	
11	83,137	11	67,580	11	52,042	11	36,869	11	21,297	11	5,699	11		11		11		11	
1/4	82,813	1/4	67,256	1/4	51,726	1/4	36,545	1/4	20,972	1/4	5,374	1/4		1/4		1/4		1/4	
1/2	82,489	1/2	66,932	1/2	51,410	1/2	36,222	1/2	20,647	1/2	5,049	1/2		1/2		1/2		1/2	
3/4	82,165	3/4	66,608	3/4	51,093	3/4	35,898	3/4	20,322	3/4	4,725	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2012 CL - SW
CALCULATED: 12/06/2012 CL
PRINTED: 12/06/2012 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 307"

3 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	194,991	0	183,067	0	171,144	0	159,166	0	144,740	0	129,184	0	113,627
1/4		1/4		1/4		1/4	194,742	1/4	182,819	1/4	170,895	1/4	158,916	1/4	144,416	1/4	128,860	1/4	113,303
1/2		1/2		1/2		1/2	194,494	1/2	182,570	1/2	170,647	1/2	158,663	1/2	144,092	1/2	128,536	1/2	112,979
3/4		3/4		3/4		3/4	205,338	3/4	194,246	3/4	182,322	3/4	158,411	3/4	143,768	3/4	128,212	3/4	112,655
1		1		1		1	205,212	1	193,997	1	182,074	1	158,158	1	143,444	1	127,888	1	112,331
1/4		1/4		1/4		1/4	205,086	1/4	193,749	1/4	181,825	1/4	157,906	1/4	143,120	1/4	127,564	1/4	112,007
1/2		1/2		1/2		1/2	204,918	1/2	193,500	1/2	181,577	1/2	157,644	1/2	142,796	1/2	127,240	1/2	111,683
3/4		3/4		3/4		3/4	204,750	3/4	193,252	3/4	181,328	3/4	157,382	3/4	142,472	3/4	126,916	3/4	111,359
2		2		2		2	204,583	2	193,004	2	181,080	2	157,119	2	142,148	2	126,591	2	111,035
1/4		1/4		1/4		1/4	204,415	1/4	192,755	1/4	180,832	1/4	156,857	1/4	141,824	1/4	126,267	1/4	110,711
1/2		1/2		1/2		1/2	204,206	1/2	192,507	1/2	180,583	1/2	156,583	1/2	141,500	1/2	125,943	1/2	110,387
3/4		3/4		3/4		3/4	203,998	3/4	192,258	3/4	180,335	3/4	156,308	3/4	141,176	3/4	125,619	3/4	110,064
3		3		3		3	203,789	3	192,010	3	180,086	3	156,033	3	140,851	3	125,295	3	109,740
1/4		1/4		1/4		1/4	203,581	1/4	191,762	1/4	179,838	1/4	155,759	1/4	140,527	1/4	124,971	1/4	109,416
1/2		1/2		1/2		1/2	203,342	1/2	191,513	1/2	179,590	1/2	155,472	1/2	140,203	1/2	124,647	1/2	109,092
3/4		3/4		3/4		3/4	203,102	3/4	191,265	3/4	179,341	3/4	155,184	3/4	139,879	3/4	124,323	3/4	108,768
4		4		4		4	202,863	4	191,016	4	179,093	4	154,897	4	139,555	4	123,999	4	108,444
1/4		1/4		1/4		1/4	202,624	1/4	190,768	1/4	178,844	1/4	154,610	1/4	139,231	1/4	123,674	1/4	108,120
1/2		1/2		1/2		1/2	202,380	1/2	190,520	1/2	178,596	1/2	154,310	1/2	138,907	1/2	123,350	1/2	107,797
3/4		3/4		3/4		3/4	202,136	3/4	190,271	3/4	178,348	3/4	154,010	3/4	138,583	3/4	123,026	3/4	107,473
5		5		5		5	201,893	5	190,023	5	178,099	5	153,711	5	138,259	5	122,702	5	107,149
1/4		1/4		1/4		1/4	201,649	1/4	189,774	1/4	177,851	1/4	153,411	1/4	137,935	1/4	122,378	1/4	106,825
1/2		1/2		1/2		1/2	201,404	1/2	189,526	1/2	177,602	1/2	153,099	1/2	137,611	1/2	122,054	1/2	106,503
3/4		3/4		3/4		3/4	201,160	3/4	189,277	3/4	177,354	3/4	152,787	3/4	137,287	3/4	121,730	3/4	106,180
6		6		6		6	200,915	6	189,029	6	177,106	6	152,475	6	136,963	6	121,406	6	105,857
1/4		1/4		1/4		1/4	200,671	1/4	188,781	1/4	176,857	1/4	152,163	1/4	136,638	1/4	121,082	1/4	105,534
1/2		1/2		1/2		1/2	200,425	1/2	188,532	1/2	176,609	1/2	151,841	1/2	136,314	1/2	120,757	1/2	105,211
3/4		3/4		3/4		3/4	200,180	3/4	188,284	3/4	176,360	3/4	151,520	3/4	135,990	3/4	120,433	3/4	104,888
7		7		7		7	199,935	7	188,035	7	176,112	7	151,199	7	135,666	7	120,109	7	104,565
1/4		1/4		1/4		1/4	199,690	1/4	187,787	1/4	175,863	1/4	150,877	1/4	135,342	1/4	119,785	1/4	104,242
1/2		1/2		1/2		1/2	199,444	1/2	187,539	1/2	175,615	1/2	150,555	1/2	135,018	1/2	119,461	1/2	103,918
3/4		3/4		3/4		3/4	199,199	3/4	187,290	3/4	175,367	3/4	150,232	3/4	134,694	3/4	119,137	3/4	103,595
8		8		8		8	198,953	8	187,042	8	175,118	8	149,909	8	134,370	8	118,813	8	103,272
1/4		1/4		1/4		1/4	198,708	1/4	186,793	1/4	174,870	1/4	149,587	1/4	134,046	1/4	118,489	1/4	102,948
1/2		1/2		1/2		1/2	198,461	1/2	186,545	1/2	174,621	1/2	149,264	1/2	133,722	1/2	118,165	1/2	102,625
3/4		3/4		3/4		3/4	198,215	3/4	186,297	3/4	174,373	3/4	148,941	3/4	133,398	3/4	117,840	3/4	102,302
9		9		9		9	197,969	9	186,048	9	174,125	9	148,618	9	133,074	9	117,516	9	101,979
1/4		1/4		1/4		1/4	197,723	1/4	185,800	1/4	173,876	1/4	148,295	1/4	132,749	1/4	117,192	1/4	101,655
1/2		1/2		1/2		1/2	197,475	1/2	185,551	1/2	173,628	1/2	147,972	1/2	132,425	1/2	116,868	1/2	101,332
3/4		3/4		3/4		3/4	197,227	3/4	185,303	3/4	173,379	3/4	147,649	3/4	132,101	3/4	116,544	3/4	101,009
10		10		10		10	196,978	10	185,055	10	173,131	10	147,326	10	131,777	10	116,220	10	100,686
1/4		1/4		1/4		1/4	196,730	1/4	184,806	1/4	172,883	1/4	147,003	1/4	131,453	1/4	115,896	1/4	100,362
1/2		1/2		1/2		1/2	196,481	1/2	184,558	1/2	172,634	1/2	146,679	1/2	131,129	1/2	115,572	1/2	100,039
3/4		3/4		3/4		3/4	196,233	3/4	184,309	3/4	172,386	3/4	146,356	3/4	130,805	3/4	115,248	3/4	99,716
11		11		11		11	195,984	11	184,061	11	172,137	11	146,033	11	130,481	11	114,923	11	99,392
1/4		1/4		1/4		1/4	195,736	1/4	183,813	1/4	171,889	1/4	145,710	1/4	130,157	1/4	114,599	1/4	99,069
1/2		1/2		1/2		1/2	195,488	1/2	183,564	1/2	171,641	1/2	145,386	1/2	129,832	1/2	114,275	1/2	98,746
3/4		3/4		3/4		3/4	195,239	3/4	183,316	3/4	171,392	3/4	145,063	3/4	129,508	3/4	113,951	3/4	98,423

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 307"

3 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	98,099	0	82,552	0	66,982	0	51,462	0	36,573	0	20,988	0	5,379	0		0		0	
1/4	97,776	1/4	82,228	1/4	66,658	1/4	51,152	1/4	36,250	1/4	20,663	1/4	5,053	1/4		1/4		1/4	
1/2	97,453	1/2	81,903	1/2	66,334	1/2	50,841	1/2	35,925	1/2	20,338	1/2	4,729	1/2		1/2		1/2	
3/4	97,130	3/4	81,579	3/4	66,010	3/4	50,531	3/4	35,601	3/4	20,013	3/4	4,404	3/4		3/4		3/4	
1	96,806	1	81,254	1	65,685	1	50,221	1	35,277	1	19,688	1	4,080	1		1		1	
1/4	96,483	1/4	80,930	1/4	65,361	1/4	49,910	1/4	34,953	1/4	19,362	1/4	3,755	1/4		1/4		1/4	
1/2	96,160	1/2	80,606	1/2	65,037	1/2	49,600	1/2	34,629	1/2	19,037	1/2	3,436	1/2		1/2		1/2	
3/4	95,836	3/4	80,281	3/4	64,712	3/4	49,291	3/4	34,304	3/4	18,712	3/4	3,117	3/4		3/4		3/4	
2	95,513	2	79,957	2	64,388	2	48,981	2	33,980	2	18,387	2	2,799	2		2		2	
1/4	95,190	1/4	79,633	1/4	64,064	1/4	48,671	1/4	33,656	1/4	18,062	1/4	2,480	1/4		1/4		1/4	
1/2	94,867	1/2	79,308	1/2	63,739	1/2	48,361	1/2	33,332	1/2	17,736	1/2	2,206	1/2		1/2		1/2	
3/4	94,543	3/4	78,984	3/4	63,415	3/4	48,052	3/4	33,008	3/4	17,411	3/4	1,931	3/4		3/4		3/4	
3	94,220	3	78,659	3	63,091	3	47,743	3	32,683	3	17,086	3	1,657	3		3		3	
1/4	93,897	1/4	78,335	1/4	62,766	1/4	47,434	1/4	32,359	1/4	16,761	1/4	1,382	1/4		1/4		1/4	
1/2	93,574	1/2	78,011	1/2	62,442	1/2	47,125	1/2	32,035	1/2	16,435	1/2	1,189	1/2		1/2		1/2	
3/4	93,250	3/4	77,686	3/4	62,117	3/4	46,816	3/4	31,711	3/4	16,110	3/4	996	3/4		3/4		3/4	
4	92,927	4	77,362	4	61,793	4	46,507	4	31,387	4	15,785	4	803	4		4		4	
1/4	92,604	1/4	77,038	1/4	61,469	1/4	46,198	1/4	31,062	1/4	15,460	1/4	610	1/4		1/4		1/4	
1/2	92,280	1/2	76,713	1/2	61,144	1/2	45,889	1/2	30,738	1/2	15,135	1/2		1/2		1/2		1/2	
3/4	91,957	3/4	76,389	3/4	60,820	3/4	45,580	3/4	30,414	3/4	14,809	3/4		3/4		3/4		3/4	
5	91,634	5	76,064	5	60,496	5	45,271	5	30,090	5	14,484	5		5		5		5	
1/4	91,310	1/4	75,740	1/4	60,171	1/4	44,963	1/4	29,766	1/4	14,159	1/4		1/4		1/4		1/4	
1/2	90,986	1/2	75,416	1/2	59,847	1/2	44,654	1/2	29,441	1/2	13,834	1/2		1/2		1/2		1/2	
3/4	90,661	3/4	75,091	3/4	59,522	3/4	44,345	3/4	29,117	3/4	13,509	3/4		3/4		3/4		3/4	
6	90,337	6	74,767	6	59,198	6	44,036	6	28,793	6	13,183	6		6		6		6	
1/4	90,013	1/4	74,443	1/4	58,874	1/4	43,727	1/4	28,468	1/4	12,858	1/4		1/4		1/4		1/4	
1/2	89,688	1/2	74,118	1/2	58,549	1/2	43,418	1/2	28,143	1/2	12,533	1/2		1/2		1/2		1/2	
3/4	89,364	3/4	73,794	3/4	58,225	3/4	43,109	3/4	27,818	3/4	12,208	3/4		3/4		3/4		3/4	
7	89,040	7	73,469	7	57,901	7	42,800	7	27,493	7	11,882	7		7		7		7	
1/4	88,715	1/4	73,145	1/4	57,576	1/4	42,492	1/4	27,167	1/4	11,557	1/4		1/4		1/4		1/4	
1/2	88,391	1/2	72,821	1/2	57,252	1/2	42,183	1/2	26,842	1/2	11,232	1/2		1/2		1/2		1/2	
3/4	88,066	3/4	72,496	3/4	56,927	3/4	41,874	3/4	26,517	3/4	10,907	3/4		3/4		3/4		3/4	
8	87,742	8	72,172	8	56,603	8	41,565	8	26,192	8	10,582	8		8		8		8	
1/4	87,418	1/4	71,848	1/4	56,279	1/4	41,256	1/4	25,867	1/4	10,256	1/4		1/4		1/4		1/4	
1/2	87,093	1/2	71,523	1/2	55,954	1/2	40,947	1/2	25,541	1/2	9,931	1/2		1/2		1/2		1/2	
3/4	86,769	3/4	71,199	3/4	55,630	3/4	40,638	3/4	25,216	3/4	9,606	3/4		3/4		3/4		3/4	
9	86,444	9	70,874	9	55,306	9	40,329	9	24,891	9	9,281	9		9		9		9	
1/4	86,120	1/4	70,550	1/4	54,981	1/4	40,021	1/4	24,566	1/4	8,956	1/4		1/4		1/4		1/4	
1/2	85,796	1/2	70,226	1/2	54,657	1/2	39,712	1/2	24,241	1/2	8,630	1/2		1/2		1/2		1/2	
3/4	85,471	3/4	69,901	3/4	54,332	3/4	39,403	3/4	23,915	3/4	8,305	3/4		3/4		3/4		3/4	
10	85,147	10	69,577	10	54,008	10	39,094	10	23,590	10	7,980	10		10		10		10	
1/4	84,823	1/4	69,253	1/4	53,684	1/4	38,785	1/4	23,265	1/4	7,655	1/4		1/4		1/4		1/4	
1/2	84,498	1/2	68,928	1/2	53,361	1/2	38,475	1/2	22,940	1/2	7,329	1/2		1/2		1/2		1/2	
3/4	84,174	3/4	68,604	3/4	53,038	3/4	38,165	3/4	22,614	3/4	7,004	3/4		3/4		3/4		3/4	
11	83,849	11	68,279	11	52,716	11	37,854	11	22,289	11	6,679	11		11		11		11	
1/4	83,525	1/4	67,955	1/4	52,393	1/4	37,544	1/4	21,964	1/4	6,354	1/4		1/4		1/4		1/4	
1/2	83,201	1/2	67,631	1/2	52,083	1/2	37,220	1/2	21,639	1/2	6,029	1/2		1/2		1/2		1/2	
3/4	82,876	3/4	67,307	3/4	51,772	3/4	36,897	3/4	21,314	3/4	5,704	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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