



BARGE "CBC 305"

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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
1 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
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 00-0/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 0/8"

LENGTH BETWEEN DRAFT MARKS: 238'-03"

November 21, 2012

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 305"

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	13,227	0	28,400	0	44,016	0	59,707	0	75,414	0	91,120	0	106,827	0	122,534	0	138,239
1/4	719	1/4	13,528	1/4	28,727	1/4	44,340	1/4	60,034	1/4	75,741	1/4	91,448	1/4	107,154	1/4	122,861	1/4	138,566
1/2	854	1/2	13,829	1/2	29,055	1/2	44,665	1/2	60,361	1/2	76,068	1/2	91,775	1/2	107,481	1/2	123,188	1/2	138,893
3/4	989	3/4	14,130	3/4	29,382	3/4	44,989	3/4	60,689	3/4	76,395	3/4	92,102	3/4	107,809	3/4	123,515	3/4	139,220
1	1,123	1	14,430	1	29,709	1	45,314	1	61,016	1	76,723	1	92,429	1	108,136	1	123,843	1	139,547
1/4	1,336	1/4	14,735	1/4	30,036	1/4	45,640	1/4	61,343	1/4	77,050	1/4	92,756	1/4	108,463	1/4	124,170	1/4	139,875
1/2	1,548	1/2	15,039	1/2	30,363	1/2	45,967	1/2	61,670	1/2	77,377	1/2	93,084	1/2	108,790	1/2	124,497	1/2	140,202
3/4	1,760	3/4	15,343	3/4	30,691	3/4	46,293	3/4	61,998	3/4	77,704	3/4	93,411	3/4	109,118	3/4	124,824	3/4	140,529
2	1,972	2	15,647	2	31,018	2	46,620	2	62,325	2	78,031	2	93,738	2	109,445	2	125,151	2	140,856
1/4	2,232	1/4	15,955	1/4	31,345	1/4	46,947	1/4	62,652	1/4	78,359	1/4	94,065	1/4	109,772	1/4	125,479	1/4	141,183
1/2	2,493	1/2	16,263	1/2	31,672	1/2	47,273	1/2	62,979	1/2	78,686	1/2	94,393	1/2	110,099	1/2	125,806	1/2	141,510
3/4	2,753	3/4	16,570	3/4	32,000	3/4	47,600	3/4	63,306	3/4	79,013	3/4	94,720	3/4	110,426	3/4	126,133	3/4	141,837
3	3,013	3	16,878	3	32,327	3	47,927	3	63,634	3	79,340	3	95,047	3	110,754	3	126,460	3	142,165
1/4	3,283	1/4	17,189	1/4	32,652	1/4	48,254	1/4	63,961	1/4	79,668	1/4	95,374	1/4	111,081	1/4	126,788	1/4	142,492
1/2	3,552	1/2	17,500	1/2	32,978	1/2	48,582	1/2	64,288	1/2	79,995	1/2	95,701	1/2	111,408	1/2	127,115	1/2	142,819
3/4	3,822	3/4	17,811	3/4	33,303	3/4	48,909	3/4	64,615	3/4	80,322	3/4	96,029	3/4	111,735	3/4	127,442	3/4	143,146
4	4,092	4	18,122	4	33,629	4	49,236	4	64,943	4	80,649	4	96,356	4	112,063	4	127,769	4	143,473
1/4	4,365	1/4	18,436	1/4	33,954	1/4	49,563	1/4	65,270	1/4	80,976	1/4	96,683	1/4	112,390	1/4	128,096	1/4	143,800
1/2	4,639	1/2	18,751	1/2	34,279	1/2	49,890	1/2	65,597	1/2	81,304	1/2	97,010	1/2	112,717	1/2	128,424	1/2	144,127
3/4	4,912	3/4	19,065	3/4	34,604	3/4	50,218	3/4	65,924	3/4	81,631	3/4	97,338	3/4	113,044	3/4	128,751	3/4	144,455
5	5,185	5	19,380	5	34,929	5	50,545	5	66,251	5	81,958	5	97,665	5	113,371	5	129,078	5	144,782
1/4	5,462	1/4	19,698	1/4	35,254	1/4	50,872	1/4	66,579	1/4	82,285	1/4	97,992	1/4	113,699	1/4	129,405	1/4	145,109
1/2	5,739	1/2	20,015	1/2	35,579	1/2	51,199	1/2	66,906	1/2	82,613	1/2	98,319	1/2	114,026	1/2	129,733	1/2	145,436
3/4	6,016	3/4	20,333	3/4	35,903	3/4	51,526	3/4	67,233	3/4	82,940	3/4	98,646	3/4	114,353	3/4	130,060	3/4	145,763
6	6,293	6	20,651	6	36,228	6	51,854	6	67,560	6	83,267	6	98,974	6	114,680	6	130,387	6	146,090
1/4	6,574	1/4	20,972	1/4	36,552	1/4	52,181	1/4	67,888	1/4	83,594	1/4	99,301	1/4	115,008	1/4	130,714	1/4	146,417
1/2	6,854	1/2	21,294	1/2	36,877	1/2	52,508	1/2	68,215	1/2	83,921	1/2	99,628	1/2	115,335	1/2	131,041	1/2	146,745
3/4	7,135	3/4	21,615	3/4	37,201	3/4	52,835	3/4	68,542	3/4	84,249	3/4	99,955	3/4	115,662	3/4	131,369	3/4	147,072
7	7,415	7	21,936	7	37,526	7	53,163	7	68,869	7	84,576	7	100,283	7	115,989	7	131,696	7	147,399
1/4	7,699	1/4	22,253	1/4	37,850	1/4	53,490	1/4	69,196	1/4	84,903	1/4	100,610	1/4	116,316	1/4	132,023	1/4	147,726
1/2	7,983	1/2	22,570	1/2	38,175	1/2	53,817	1/2	69,524	1/2	85,230	1/2	100,937	1/2	116,644	1/2	132,350	1/2	148,053
3/4	8,266	3/4	22,887	3/4	38,499	3/4	54,144	3/4	69,851	3/4	85,558	3/4	101,264	3/4	116,971	3/4	132,677	3/4	148,380
8	8,550	8	23,204	8	38,824	8	54,471	8	70,178	8	85,885	8	101,591	8	117,298	8	133,004	8	148,707
1/4	8,837	1/4	23,523	1/4	39,148	1/4	54,799	1/4	70,505	1/4	86,212	1/4	101,919	1/4	117,625	1/4	133,332	1/4	149,035
1/2	9,125	1/2	23,841	1/2	39,473	1/2	55,126	1/2	70,833	1/2	86,539	1/2	102,246	1/2	117,953	1/2	133,659	1/2	149,362
3/4	9,412	3/4	24,160	3/4	39,797	3/4	55,453	3/4	71,160	3/4	86,866	3/4	102,573	3/4	118,280	3/4	133,986	3/4	149,689
9	9,699	9	24,478	9	40,122	9	55,780	9	71,487	9	87,194	9	102,900	9	118,607	9	134,313	9	150,016
1/4	9,990	1/4	24,804	1/4	40,446	1/4	56,108	1/4	71,814	1/4	87,521	1/4	103,228	1/4	118,934	1/4	134,640	1/4	150,343
1/2	10,280	1/2	25,130	1/2	40,771	1/2	56,435	1/2	72,141	1/2	87,848	1/2	103,555	1/2	119,261	1/2	134,967	1/2	150,670
3/4	10,571	3/4	25,456	3/4	41,095	3/4	56,762	3/4	72,469	3/4	88,175	3/4	103,882	3/4	119,589	3/4	135,295	3/4	150,997
10	10,861	10	25,783	10	41,420	10	57,089	10	72,796	10	88,503	10	104,209	10	119,916	10	135,622	10	151,325
1/4	11,155	1/4	26,110	1/4	41,744	1/4	57,416	1/4	73,123	1/4	88,830	1/4	104,536	1/4	120,243	1/4	135,949	1/4	151,652
1/2	11,449	1/2	26,437	1/2	42,069	1/2	57,744	1/2	73,450	1/2	89,157	1/2	104,864	1/2	120,570	1/2	136,276	1/2	151,979
3/4	11,743	3/4	26,764	3/4	42,393	3/4	58,071	3/4	73,778	3/4	89,484	3/4	105,191	3/4	120,898	3/4	136,603	3/4	152,306
11	12,037	11	27,091	11	42,718	11	58,398	11	74,105	11	89,811	11	105,518	11	121,225	11	136,930	11	152,633
1/4	12,335	1/4	27,419	1/4	43,042	1/4	58,725	1/4	74,432	1/4	90,139	1/4	105,845	1/4	121,552	1/4	137,257	1/4	152,960
1/2	12,632	1/2	27,746	1/2	43,367	1/2	59,053	1/2	74,759	1/2	90,466	1/2	106,173	1/2	121,879	1/2	137,585	1/2	153,287
3/4	12,930	3/4	28,073	3/4	43,691	3/4	59,380	3/4	75,086	3/4	90,793	3/4	106,500	3/4	122,206	3/4	137,912	3/4	153,615

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "CBC 305"

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	153,942	0	169,645	0	185,276	0	200,891	0	216,418	0		0		0		0		0	
1/4	154,269	1/4	169,972	1/4	185,601	1/4	201,216	1/4	216,732	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,596	1/2	170,299	1/2	185,926	1/2	201,542	1/2	217,045	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,923	3/4	170,626	3/4	186,251	3/4	201,867	3/4	217,358	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	155,250	1	170,953	1	186,577	1	202,192	1	217,672	1	1	1	1	1	1	1	1	1	1
1/4	155,577	1/4	171,280	1/4	186,902	1/4	202,517	1/4	217,945	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,905	1/2	171,608	1/2	187,227	1/2	202,843	1/2	218,218	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,232	3/4	171,935	3/4	187,553	3/4	203,168	3/4	218,491	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	156,559	2	172,262	2	187,878	2	203,493	2	218,764	2	2	2	2	2	2	2	2	2	2
1/4	156,886	1/4	172,587	1/4	188,203	1/4	203,819	1/4	218,984	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,213	1/2	172,913	1/2	188,529	1/2	204,144	1/2	219,203	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,540	3/4	173,238	3/4	188,854	3/4	204,469	3/4	219,423	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	157,867	3	173,564	3	189,179	3	204,795	3	219,643	3	3	3	3	3	3	3	3	3	3
1/4	158,195	1/4	173,889	1/4	189,505	1/4	205,120	1/4	219,808	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,522	1/2	174,215	1/2	189,830	1/2	205,445	1/2	219,973	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,849	3/4	174,540	3/4	190,155	3/4	205,771	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	159,176	4	174,865	4	190,481	4	206,096	4		4	4	4	4	4	4	4	4	4	4
1/4	159,503	1/4	175,191	1/4	190,806	1/4	206,421	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,830	1/2	175,516	1/2	191,131	1/2	206,747	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,157	3/4	175,841	3/4	191,457	3/4	207,072	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	160,485	5	176,167	5	191,782	5	207,397	5	5	5	5	5	5	5	5	5	5	5	5
1/4	160,812	1/4	176,492	1/4	192,107	1/4	207,723	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,139	1/2	176,817	1/2	192,433	1/2	208,048	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,466	3/4	177,143	3/4	192,758	3/4	208,373	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	161,793	6	177,468	6	193,083	6	208,699	6	6	6	6	6	6	6	6	6	6	6	6
1/4	162,120	1/4	177,793	1/4	193,409	1/4	209,024	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,447	1/2	178,118	1/2	193,734	1/2	209,349	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,775	3/4	178,444	3/4	194,059	3/4	209,674	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	163,102	7	178,769	7	194,384	7	210,000	7	7	7	7	7	7	7	7	7	7	7	7
1/4	163,429	1/4	179,094	1/4	194,710	1/4	210,322	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,756	1/2	179,420	1/2	195,035	1/2	210,644	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,083	3/4	179,745	3/4	195,360	3/4	210,967	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	164,410	8	180,070	8	195,686	8	211,289	8	8	8	8	8	8	8	8	8	8	8	8
1/4	164,738	1/4	180,396	1/4	196,011	1/4	211,610	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,065	1/2	180,721	1/2	196,336	1/2	211,932	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,392	3/4	181,046	3/4	196,662	3/4	212,254	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	165,719	9	181,372	9	196,987	9	212,575	9	9	9	9	9	9	9	9	9	9	9	9
1/4	166,046	1/4	181,697	1/4	197,312	1/4	212,896	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,373	1/2	182,022	1/2	197,638	1/2	213,218	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,700	3/4	182,348	3/4	197,963	3/4	213,539	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	167,028	10	182,673	10	198,288	10	213,860	10	10	10	10	10	10	10	10	10	10	10	10
1/4	167,355	1/4	182,998	1/4	198,614	1/4	214,180	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	167,682	1/2	183,324	1/2	198,939	1/2	214,501	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	168,009	3/4	183,649	3/4	199,264	3/4	214,821	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	168,336	11	183,974	11	199,590	11	215,142	11	11	11	11	11	11	11	11	11	11	11	11
1/4	168,663	1/4	184,300	1/4	199,915	1/4	215,461	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	168,990	1/2	184,625	1/2	200,240	1/2	215,780	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	169,318	3/4	184,950	3/4	200,566	3/4	216,099	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/12/2012 CL - SW
CALCULATED: 11/13/2012 CL
PRINTED: 11/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	584	0	13,225	0	28,397	0	44,062	0	59,761	0	75,466	0	91,170	0	106,875	0	122,580	0	138,283
1/4	719	1/4	13,526	1/4	28,724	1/4	44,389	1/4	60,088	1/4	75,793	1/4	91,498	1/4	107,202	1/4	122,907	1/4	138,610
1/2	854	1/2	13,827	1/2	29,051	1/2	44,715	1/2	60,415	1/2	76,120	1/2	91,825	1/2	107,530	1/2	123,234	1/2	138,938
3/4	988	3/4	14,128	3/4	29,378	3/4	45,042	3/4	60,742	3/4	76,447	3/4	92,152	3/4	107,857	3/4	123,562	3/4	139,265
1	1,123	1	14,428	1	29,705	1	45,368	1	61,070	1	76,774	1	92,479	1	108,184	1	123,889	1	139,592
1/4	1,335	1/4	14,733	1/4	30,032	1/4	45,695	1/4	61,397	1/4	77,102	1/4	92,806	1/4	108,511	1/4	124,216	1/4	139,919
1/2	1,547	1/2	15,037	1/2	30,359	1/2	46,022	1/2	61,724	1/2	77,429	1/2	93,134	1/2	108,838	1/2	124,543	1/2	140,246
3/4	1,760	3/4	15,341	3/4	30,685	3/4	46,348	3/4	62,051	3/4	77,756	3/4	93,461	3/4	109,166	3/4	124,870	3/4	140,573
2	1,972	2	15,645	2	31,012	2	46,675	2	62,378	2	78,083	2	93,788	2	109,493	2	125,198	2	140,900
1/4	2,232	1/4	15,953	1/4	31,339	1/4	47,002	1/4	62,705	1/4	78,410	1/4	94,115	1/4	109,820	1/4	125,525	1/4	141,227
1/2	2,492	1/2	16,260	1/2	31,666	1/2	47,329	1/2	63,033	1/2	78,737	1/2	94,442	1/2	110,147	1/2	125,852	1/2	141,554
3/4	2,753	3/4	16,568	3/4	31,992	3/4	47,656	3/4	63,360	3/4	79,065	3/4	94,769	3/4	110,474	3/4	126,179	3/4	141,882
3	3,013	3	16,876	3	32,319	3	47,982	3	63,687	3	79,392	3	95,097	3	110,801	3	126,506	3	142,209
1/4	3,282	1/4	17,187	1/4	32,646	1/4	48,310	1/4	64,014	1/4	79,719	1/4	95,424	1/4	111,129	1/4	126,833	1/4	142,536
1/2	3,552	1/2	17,498	1/2	32,972	1/2	48,637	1/2	64,341	1/2	80,046	1/2	95,751	1/2	111,456	1/2	127,161	1/2	142,863
3/4	3,821	3/4	17,809	3/4	33,299	3/4	48,964	3/4	64,669	3/4	80,373	3/4	96,078	3/4	111,783	3/4	127,488	3/4	143,190
4	4,091	4	18,120	4	33,626	4	49,291	4	64,996	4	80,701	4	96,405	4	112,110	4	127,815	4	143,517
1/4	4,364	1/4	18,434	1/4	33,953	1/4	49,618	1/4	65,323	1/4	81,028	1/4	96,733	1/4	112,437	1/4	128,142	1/4	143,844
1/2	4,638	1/2	18,748	1/2	34,279	1/2	49,945	1/2	65,650	1/2	81,355	1/2	97,060	1/2	112,765	1/2	128,469	1/2	144,171
3/4	4,911	3/4	19,063	3/4	34,606	3/4	50,273	3/4	65,977	3/4	81,682	3/4	97,387	3/4	113,092	3/4	128,797	3/4	144,498
5	5,185	5	19,377	5	34,933	5	50,600	5	66,305	5	82,009	5	97,714	5	113,419	5	129,124	5	144,825
1/4	5,462	1/4	19,695	1/4	35,259	1/4	50,927	1/4	66,632	1/4	82,336	1/4	98,041	1/4	113,746	1/4	129,451	1/4	145,153
1/2	5,739	1/2	20,013	1/2	35,585	1/2	51,254	1/2	66,959	1/2	82,664	1/2	98,368	1/2	114,073	1/2	129,778	1/2	145,480
3/4	6,016	3/4	20,331	3/4	35,911	3/4	51,581	3/4	67,286	3/4	82,991	3/4	98,696	3/4	114,400	3/4	130,105	3/4	145,807
6	6,292	6	20,648	6	36,237	6	51,908	6	67,613	6	83,318	6	99,023	6	114,728	6	130,432	6	146,134
1/4	6,573	1/4	20,970	1/4	36,563	1/4	52,236	1/4	67,940	1/4	83,645	1/4	99,350	1/4	115,055	1/4	130,760	1/4	146,461
1/2	6,853	1/2	21,291	1/2	36,889	1/2	52,563	1/2	68,268	1/2	83,972	1/2	99,677	1/2	115,382	1/2	131,087	1/2	146,788
3/4	7,134	3/4	21,612	3/4	37,215	3/4	52,890	3/4	68,595	3/4	84,300	3/4	100,004	3/4	115,709	3/4	131,414	3/4	147,115
7	7,414	7	21,933	7	37,541	7	53,217	7	68,922	7	84,627	7	100,332	7	116,036	7	131,741	7	147,442
1/4	7,698	1/4	22,250	1/4	37,867	1/4	53,544	1/4	69,249	1/4	84,954	1/4	100,659	1/4	116,364	1/4	132,068	1/4	147,769
1/2	7,981	1/2	22,567	1/2	38,193	1/2	53,872	1/2	69,576	1/2	85,281	1/2	100,986	1/2	116,691	1/2	132,395	1/2	148,097
3/4	8,265	3/4	22,884	3/4	38,519	3/4	54,199	3/4	69,904	3/4	85,608	3/4	101,313	3/4	117,018	3/4	132,723	3/4	148,424
8	8,549	8	23,201	8	38,845	8	54,526	8	70,231	8	85,936	8	101,640	8	117,345	8	133,050	8	148,751
1/4	8,836	1/4	23,520	1/4	39,171	1/4	54,853	1/4	70,558	1/4	86,263	1/4	101,968	1/4	117,672	1/4	133,377	1/4	149,078
1/2	9,123	1/2	23,838	1/2	39,497	1/2	55,180	1/2	70,885	1/2	86,590	1/2	102,295	1/2	117,999	1/2	133,704	1/2	149,405
3/4	9,410	3/4	24,156	3/4	39,823	3/4	55,507	3/4	71,212	3/4	86,917	3/4	102,622	3/4	118,327	3/4	134,031	3/4	149,732
9	9,698	9	24,475	9	40,149	9	55,835	9	71,539	9	87,244	9	102,949	9	118,654	9	134,358	9	150,059
1/4	9,988	1/4	24,801	1/4	40,475	1/4	56,162	1/4	71,867	1/4	87,571	1/4	103,276	1/4	118,981	1/4	134,685	1/4	150,386
1/2	10,279	1/2	25,127	1/2	40,801	1/2	56,489	1/2	72,194	1/2	87,899	1/2	103,603	1/2	119,308	1/2	135,012	1/2	150,713
3/4	10,569	3/4	25,453	3/4	41,127	3/4	56,816	3/4	72,521	3/4	88,226	3/4	103,931	3/4	119,635	3/4	135,339	3/4	151,040
10	10,860	10	25,779	10	41,453	10	57,143	10	72,848	10	88,553	10	104,258	10	119,963	10	135,667	10	151,368
1/4	11,154	1/4	26,106	1/4	41,779	1/4	57,471	1/4	73,175	1/4	88,880	1/4	104,585	1/4	120,290	1/4	135,994	1/4	151,695
1/2	11,448	1/2	26,433	1/2	42,105	1/2	57,798	1/2	73,503	1/2	89,207	1/2	104,912	1/2	120,617	1/2	136,321	1/2	152,022
3/4	11,742	3/4	26,761	3/4	42,431	3/4	58,125	3/4	73,830	3/4	89,535	3/4	105,239	3/4	120,944	3/4	136,648	3/4	152,349
11	12,036	11	27,088	11	42,757	11	58,452	11	74,157	11	89,862	11	105,567	11	121,271	11	136,975	11	152,676
1/4	12,333	1/4	27,415	1/4	43,083	1/4	58,779	1/4	74,484	1/4	90,189	1/4	105,894	1/4	121,599	1/4	137,302	1/4	153,003
1/2	12,631	1/2	27,742	1/2	43,410	1/2	59,106	1/2	74,811	1/2	90,516	1/2	106,221	1/2	121,926	1/2	137,629	1/2	153,330
3/4	12,928	3/4	28,069	3/4	43,736	3/4	59,434	3/4	75,138	3/4	90,843	3/4	106,548	3/4	122,253	3/4	137,956	3/4	153,657

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 305"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	153,984	0	169,685	0	185,314	0	200,928	0	216,454	0		0		0		0		0	
1/4	154,312	1/4	170,013	1/4	185,640	1/4	201,253	1/4	216,767	1/4		1/4		1/4		1/4		1/4	
1/2	154,639	1/2	170,340	1/2	185,965	1/2	201,579	1/2	217,080	1/2		1/2		1/2		1/2		1/2	
3/4	154,966	3/4	170,667	3/4	186,290	3/4	201,904	3/4	217,394	3/4		3/4		3/4		3/4		3/4	
1	155,293	1	170,994	1	186,616	1	202,229	1	217,707	1		1		1		1		1	
1/4	155,620	1/4	171,321	1/4	186,941	1/4	202,554	1/4	217,980	1/4		1/4		1/4		1/4		1/4	
1/2	155,947	1/2	171,648	1/2	187,266	1/2	202,880	1/2	218,253	1/2		1/2		1/2		1/2		1/2	
3/4	156,274	3/4	171,975	3/4	187,591	3/4	203,205	3/4	218,526	3/4		3/4		3/4		3/4		3/4	
2	156,601	2	172,302	2	187,917	2	203,530	2	218,799	2		2		2		2		2	
1/4	156,928	1/4	172,628	1/4	188,242	1/4	203,855	1/4	219,019	1/4		1/4		1/4		1/4		1/4	
1/2	157,255	1/2	172,953	1/2	188,567	1/2	204,181	1/2	219,238	1/2		1/2		1/2		1/2		1/2	
3/4	157,583	3/4	173,279	3/4	188,893	3/4	204,506	3/4	219,458	3/4		3/4		3/4		3/4		3/4	
3	157,910	3	173,604	3	189,218	3	204,831	3	219,678	3		3		3		3		3	
1/4	158,237	1/4	173,930	1/4	189,543	1/4	205,157	1/4	219,843	1/4		1/4		1/4		1/4		1/4	
1/2	158,564	1/2	174,255	1/2	189,868	1/2	205,482	1/2	220,008	1/2		1/2		1/2		1/2		1/2	
3/4	158,891	3/4	174,580	3/4	190,194	3/4	205,807	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,218	4	174,905	4	190,519	4	206,132	4		4		4		4		4		4	
1/4	159,545	1/4	175,231	1/4	190,844	1/4	206,458	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,872	1/2	175,556	1/2	191,170	1/2	206,783	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,199	3/4	175,881	3/4	191,495	3/4	207,108	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,527	5	176,207	5	191,820	5	207,434	5		5		5		5		5		5	
1/4	160,854	1/4	176,532	1/4	192,145	1/4	207,759	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,181	1/2	176,857	1/2	192,471	1/2	208,084	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,508	3/4	177,182	3/4	192,796	3/4	208,409	3/4		3/4		3/4		3/4		3/4		3/4	
6	161,835	6	177,508	6	193,121	6	208,735	6		6		6		6		6		6	
1/4	162,162	1/4	177,833	1/4	193,446	1/4	209,060	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,489	1/2	178,158	1/2	193,772	1/2	209,385	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,816	3/4	178,484	3/4	194,097	3/4	209,711	3/4		3/4		3/4		3/4		3/4		3/4	
7	163,143	7	178,809	7	194,422	7	210,036	7		7		7		7		7		7	
1/4	163,470	1/4	179,134	1/4	194,748	1/4	210,358	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,798	1/2	179,459	1/2	195,073	1/2	210,680	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,125	3/4	179,785	3/4	195,398	3/4	211,002	3/4		3/4		3/4		3/4		3/4		3/4	
8	164,452	8	180,110	8	195,723	8	211,325	8		8		8		8		8		8	
1/4	164,779	1/4	180,435	1/4	196,049	1/4	211,646	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,106	1/2	180,761	1/2	196,374	1/2	211,968	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,433	3/4	181,086	3/4	196,699	3/4	212,289	3/4		3/4		3/4		3/4		3/4		3/4	
9	165,760	9	181,411	9	197,025	9	212,611	9		9		9		9		9		9	
1/4	166,087	1/4	181,736	1/4	197,350	1/4	212,932	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,414	1/2	182,062	1/2	197,675	1/2	213,253	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,742	3/4	182,387	3/4	198,000	3/4	213,574	3/4		3/4		3/4		3/4		3/4		3/4	
10	167,069	10	182,712	10	198,326	10	213,895	10		10		10		10		10		10	
1/4	167,396	1/4	183,038	1/4	198,651	1/4	214,216	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,723	1/2	183,363	1/2	198,976	1/2	214,536	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168,050	3/4	183,688	3/4	199,302	3/4	214,857	3/4		3/4		3/4		3/4		3/4		3/4	
11	168,377	11	184,013	11	199,627	11	215,177	11		11		11		11		11		11	
1/4	168,704	1/4	184,339	1/4	199,952	1/4	215,496	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169,031	1/2	184,664	1/2	200,277	1/2	215,815	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,358	3/4	184,989	3/4	200,603	3/4	216,134	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/12/2012 CL - SW
CALCULATED: 11/13/2012 CL
PRINTED: 11/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

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	15,013	0	30,171	0	45,149	0	60,229	0	75,388	0	90,546	0	105,705	0	120,864	0	136,021
1/4	781	1/4	15,329	1/4	30,487	1/4	45,459	1/4	60,545	1/4	75,703	1/4	90,862	1/4	106,021	1/4	121,180	1/4	136,337
1/2	968	1/2	15,644	1/2	30,803	1/2	45,768	1/2	60,860	1/2	76,019	1/2	91,178	1/2	106,337	1/2	121,496	1/2	136,653
3/4	1,156	3/4	15,960	3/4	31,119	3/4	46,077	3/4	61,176	3/4	76,335	3/4	91,494	3/4	106,653	3/4	121,811	3/4	136,968
1	1,343	1	16,276	1	31,434	1	46,386	1	61,492	1	76,651	1	91,810	1	106,968	1	122,127	1	137,284
1/4	1,609	1/4	16,592	1/4	31,750	1/4	46,696	1/4	61,808	1/4	76,967	1/4	92,125	1/4	107,284	1/4	122,443	1/4	137,600
1/2	1,876	1/2	16,908	1/2	32,066	1/2	47,005	1/2	62,124	1/2	77,282	1/2	92,441	1/2	107,600	1/2	122,759	1/2	137,916
3/4	2,142	3/4	17,223	3/4	32,382	3/4	47,315	3/4	62,440	3/4	77,598	3/4	92,757	3/4	107,916	3/4	123,075	3/4	138,231
2	2,409	2	17,539	2	32,698	2	47,625	2	62,755	2	77,914	2	93,073	2	108,232	2	123,390	2	138,547
1/4	2,718	1/4	17,855	1/4	33,013	1/4	47,934	1/4	63,071	1/4	78,230	1/4	93,389	1/4	108,547	1/4	123,706	1/4	138,863
1/2	3,028	1/2	18,171	1/2	33,329	1/2	48,244	1/2	63,387	1/2	78,546	1/2	93,704	1/2	108,863	1/2	124,022	1/2	139,178
3/4	3,337	3/4	18,487	3/4	33,645	3/4	48,553	3/4	63,703	3/4	78,862	3/4	94,020	3/4	109,179	3/4	124,338	3/4	139,494
3	3,647	3	18,802	3	33,961	3	48,863	3	64,019	3	79,177	3	94,336	3	109,495	3	124,654	3	139,810
1/4	3,962	1/4	19,118	1/4	34,277	1/4	49,178	1/4	64,334	1/4	79,493	1/4	94,652	1/4	109,811	1/4	124,969	1/4	140,126
1/2	4,277	1/2	19,434	1/2	34,592	1/2	49,493	1/2	64,650	1/2	79,809	1/2	94,968	1/2	110,126	1/2	125,285	1/2	140,441
3/4	4,593	3/4	19,750	3/4	34,908	3/4	49,808	3/4	64,966	3/4	80,125	3/4	95,283	3/4	110,442	3/4	125,601	3/4	140,757
4	4,908	4	20,066	4	35,224	4	50,123	4	65,282	4	80,441	4	95,599	4	110,758	4	125,917	4	141,073
1/4	5,223	1/4	20,381	1/4	35,540	1/4	50,439	1/4	65,598	1/4	80,756	1/4	95,915	1/4	111,074	1/4	126,233	1/4	141,389
1/2	5,539	1/2	20,697	1/2	35,856	1/2	50,755	1/2	65,913	1/2	81,072	1/2	96,231	1/2	111,390	1/2	126,548	1/2	141,704
3/4	5,855	3/4	21,013	3/4	36,171	3/4	51,070	3/4	66,229	3/4	81,388	3/4	96,547	3/4	111,705	3/4	126,864	3/4	142,020
5	6,171	5	21,329	5	36,487	5	51,386	5	66,545	5	81,704	5	96,863	5	112,021	5	127,180	5	142,336
1/4	6,486	1/4	21,645	1/4	36,797	1/4	51,702	1/4	66,861	1/4	82,020	1/4	97,178	1/4	112,337	1/4	127,496	1/4	142,651
1/2	6,802	1/2	21,960	1/2	37,107	1/2	52,018	1/2	67,177	1/2	82,335	1/2	97,494	1/2	112,653	1/2	127,812	1/2	142,967
3/4	7,118	3/4	22,276	3/4	37,417	3/4	52,334	3/4	67,492	3/4	82,651	3/4	97,810	3/4	112,969	3/4	128,127	3/4	143,283
6	7,434	6	22,592	6	37,727	6	52,649	6	67,808	6	82,967	6	98,126	6	113,285	6	128,443	6	143,599
1/4	7,749	1/4	22,908	1/4	38,037	1/4	52,965	1/4	68,124	1/4	83,283	1/4	98,442	1/4	113,600	1/4	128,759	1/4	143,914
1/2	8,065	1/2	23,224	1/2	38,346	1/2	53,281	1/2	68,440	1/2	83,599	1/2	98,757	1/2	113,916	1/2	129,075	1/2	144,230
3/4	8,381	3/4	23,539	3/4	38,655	3/4	53,597	3/4	68,756	3/4	83,914	3/4	99,073	3/4	114,232	3/4	129,391	3/4	144,546
7	8,697	7	23,855	7	38,964	7	53,913	7	69,071	7	84,230	7	99,389	7	114,548	7	129,707	7	144,862
1/4	9,013	1/4	24,171	1/4	39,274	1/4	54,229	1/4	69,387	1/4	84,546	1/4	99,705	1/4	114,864	1/4	130,022	1/4	145,177
1/2	9,328	1/2	24,487	1/2	39,583	1/2	54,544	1/2	69,703	1/2	84,862	1/2	100,021	1/2	115,179	1/2	130,338	1/2	145,493
3/4	9,644	3/4	24,803	3/4	39,892	3/4	54,860	3/4	70,019	3/4	85,178	3/4	100,336	3/4	115,495	3/4	130,654	3/4	145,809
8	9,960	8	25,118	8	40,201	8	55,176	8	70,335	8	85,493	8	100,652	8	115,811	8	130,969	8	146,124
1/4	10,276	1/4	25,434	1/4	40,511	1/4	55,492	1/4	70,651	1/4	85,809	1/4	100,968	1/4	116,127	1/4	131,285	1/4	146,440
1/2	10,592	1/2	25,750	1/2	40,820	1/2	55,808	1/2	70,966	1/2	86,125	1/2	101,284	1/2	116,443	1/2	131,601	1/2	146,756
3/4	10,907	3/4	26,066	3/4	41,129	3/4	56,123	3/4	71,282	3/4	86,441	3/4	101,600	3/4	116,758	3/4	131,917	3/4	147,072
9	11,223	9	26,382	9	41,438	9	56,439	9	71,598	9	86,757	9	101,915	9	117,074	9	132,232	9	147,387
1/4	11,539	1/4	26,697	1/4	41,748	1/4	56,755	1/4	71,914	1/4	87,073	1/4	102,231	1/4	117,390	1/4	132,548	1/4	147,703
1/2	11,855	1/2	27,013	1/2	42,057	1/2	57,071	1/2	72,230	1/2	87,388	1/2	102,547	1/2	117,706	1/2	132,864	1/2	148,019
3/4	12,171	3/4	27,329	3/4	42,366	3/4	57,387	3/4	72,545	3/4	87,704	3/4	102,863	3/4	118,022	3/4	133,180	3/4	148,335
10	12,486	10	27,645	10	42,675	10	57,702	10	72,861	10	88,020	10	103,179	10	118,337	10	133,495	10	148,650
1/4	12,802	1/4	27,961	1/4	42,985	1/4	58,018	1/4	73,177	1/4	88,336	1/4	103,494	1/4	118,653	1/4	133,811	1/4	148,966
1/2	13,118	1/2	28,276	1/2	43,294	1/2	58,334	1/2	73,493	1/2	88,652	1/2	103,810	1/2	118,969	1/2	134,127	1/2	149,282
3/4	13,434	3/4	28,592	3/4	43,603	3/4	58,650	3/4	73,809	3/4	88,967	3/4	104,126	3/4	119,285	3/4	134,443	3/4	149,598
11	13,750	11	28,908	11	43,912	11	58,966	11	74,124	11	89,283	11	104,442	11	119,601	11	134,758	11	149,913
1/4	14,065	1/4	29,224	1/4	44,222	1/4	59,281	1/4	74,440	1/4	89,599	1/4	104,758	1/4	119,916	1/4	135,074	1/4	150,229
1/2	14,381	1/2	29,540	1/2	44,531	1/2	59,597	1/2	74,756	1/2	89,915	1/2	105,074	1/2	120,232	1/2	135,390	1/2	150,545
3/4	14,697	3/4	29,855	3/4	44,840	3/4	59,913	3/4	75,072	3/4	90,231	3/4	105,389	3/4	120,548	3/4	135,705	3/4	150,860

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "CBC 305"

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	151,176	0	166,331	0	181,414	0	196,482	0	211,462	0		0		0		0		0	
1/4	151,492	1/4	166,647	1/4	181,728	1/4	196,795	1/4	211,764	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,808	1/2	166,963	1/2	182,042	1/2	197,109	1/2	212,066	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,123	3/4	167,278	3/4	182,356	3/4	197,423	3/4	212,369	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,439	1	167,594	1	182,670	1	197,737	1	212,671	1	1	1	1	1	1	1	1	1	1
1/4	152,755	1/4	167,910	1/4	182,984	1/4	198,051	1/4	212,934	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,071	1/2	168,226	1/2	183,298	1/2	198,365	1/2	213,198	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,386	3/4	168,541	3/4	183,611	3/4	198,679	3/4	213,461	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,702	2	168,857	2	183,925	2	198,993	2	213,724	2	2	2	2	2	2	2	2	2	2
1/4	154,018	1/4	169,171	1/4	184,239	1/4	199,307	1/4	213,936	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,333	1/2	169,485	1/2	184,553	1/2	199,621	1/2	214,148	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,649	3/4	169,799	3/4	184,867	3/4	199,935	3/4	214,360	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,965	3	170,114	3	185,181	3	200,248	3	214,572	3	3	3	3	3	3	3	3	3	3
1/4	155,281	1/4	170,427	1/4	185,495	1/4	200,562	1/4	214,731	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,596	1/2	170,741	1/2	185,809	1/2	200,876	1/2	214,890	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,912	3/4	171,055	3/4	186,123	3/4	201,190	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,228	4	171,369	4	186,437	4	201,504	4		4	4	4	4	4	4	4	4	4	4
1/4	156,544	1/4	171,683	1/4	186,751	1/4	201,818	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,859	1/2	171,997	1/2	187,064	1/2	202,132	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,175	3/4	172,311	3/4	187,378	3/4	202,446	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,491	5	172,625	5	187,692	5	202,760	5	5	5	5	5	5	5	5	5	5	5	5
1/4	157,806	1/4	172,939	1/4	188,006	1/4	203,074	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,122	1/2	173,253	1/2	188,320	1/2	203,387	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,438	3/4	173,567	3/4	188,634	3/4	203,701	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,754	6	173,880	6	188,948	6	204,015	6	6	6	6	6	6	6	6	6	6	6	6
1/4	159,069	1/4	174,194	1/4	189,262	1/4	204,329	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,385	1/2	174,508	1/2	189,576	1/2	204,643	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,701	3/4	174,822	3/4	189,890	3/4	204,957	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,017	7	175,136	7	190,203	7	205,271	7	7	7	7	7	7	7	7	7	7	7	7
1/4	160,332	1/4	175,450	1/4	190,517	1/4	205,582	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,648	1/2	175,764	1/2	190,831	1/2	205,893	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,964	3/4	176,078	3/4	191,145	3/4	206,203	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,280	8	176,392	8	191,459	8	206,514	8	8	8	8	8	8	8	8	8	8	8	8
1/4	161,595	1/4	176,706	1/4	191,773	1/4	206,824	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,911	1/2	177,019	1/2	192,087	1/2	207,135	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,227	3/4	177,333	3/4	192,401	3/4	207,445	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,542	9	177,647	9	192,715	9	207,755	9	9	9	9	9	9	9	9	9	9	9	9
1/4	162,858	1/4	177,961	1/4	193,029	1/4	208,065	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,174	1/2	178,275	1/2	193,343	1/2	208,375	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,490	3/4	178,589	3/4	193,656	3/4	208,684	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,805	10	178,903	10	193,970	10	208,994	10	10	10	10	10	10	10	10	10	10	10	10
1/4	164,121	1/4	179,217	1/4	194,284	1/4	209,303	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,437	1/2	179,531	1/2	194,598	1/2	209,612	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,753	3/4	179,845	3/4	194,912	3/4	209,921	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,068	11	180,159	11	195,226	11	210,230	11	11	11	11	11	11	11	11	11	11	11	11
1/4	165,384	1/4	180,472	1/4	195,540	1/4	210,538	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,700	1/2	180,786	1/2	195,854	1/2	210,846	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,015	3/4	181,100	3/4	196,168	3/4	211,154	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/12/2012 CL - SW
RECALCULATED: 11/21/2012 CL
REPRINTED: 11/21/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

2 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	593	0	15,015	0	30,175	0	45,049	0	60,157	0	75,318	0	90,479	0	105,639	0	120,800	0	135,959
1/4	781	1/4	15,331	1/4	30,491	1/4	45,357	1/4	60,473	1/4	75,634	1/4	90,795	1/4	105,955	1/4	121,116	1/4	136,275
1/2	968	1/2	15,646	1/2	30,807	1/2	45,664	1/2	60,789	1/2	75,950	1/2	91,110	1/2	106,271	1/2	121,432	1/2	136,591
3/4	1,156	3/4	15,962	3/4	31,122	3/4	45,972	3/4	61,105	3/4	76,266	3/4	91,426	3/4	106,587	3/4	121,747	3/4	136,906
1	1,343	1	16,278	1	31,438	1	46,280	1	61,421	1	76,581	1	91,742	1	106,903	1	122,063	1	137,222
1/4	1,610	1/4	16,594	1/4	31,754	1/4	46,593	1/4	61,737	1/4	76,897	1/4	92,058	1/4	107,219	1/4	122,379	1/4	137,538
1/2	1,876	1/2	16,910	1/2	32,070	1/2	46,906	1/2	62,053	1/2	77,213	1/2	92,374	1/2	107,534	1/2	122,695	1/2	137,854
3/4	2,143	3/4	17,226	3/4	32,386	3/4	47,219	3/4	62,368	3/4	77,529	3/4	92,690	3/4	107,850	3/4	123,011	3/4	138,169
2	2,409	2	17,541	2	32,702	2	47,532	2	62,684	2	77,845	2	93,005	2	108,166	2	123,327	2	138,485
1/4	2,719	1/4	17,857	1/4	33,017	1/4	47,846	1/4	63,000	1/4	78,161	1/4	93,321	1/4	108,482	1/4	123,643	1/4	138,801
1/2	3,028	1/2	18,173	1/2	33,333	1/2	48,160	1/2	63,316	1/2	78,477	1/2	93,637	1/2	108,798	1/2	123,958	1/2	139,117
3/4	3,338	3/4	18,489	3/4	33,649	3/4	48,474	3/4	63,632	3/4	78,792	3/4	93,953	3/4	109,114	3/4	124,274	3/4	139,433
3	3,647	3	18,805	3	33,965	3	48,788	3	63,948	3	79,108	3	94,269	3	109,429	3	124,590	3	139,748
1/4	3,963	1/4	19,121	1/4	34,274	1/4	49,104	1/4	64,263	1/4	79,424	1/4	94,585	1/4	109,745	1/4	124,906	1/4	140,064
1/2	4,278	1/2	19,436	1/2	34,583	1/2	49,419	1/2	64,579	1/2	79,740	1/2	94,901	1/2	110,061	1/2	125,222	1/2	140,380
3/4	4,593	3/4	19,752	3/4	34,893	3/4	49,735	3/4	64,895	3/4	80,056	3/4	95,216	3/4	110,377	3/4	125,538	3/4	140,696
4	4,908	4	20,068	4	35,202	4	50,050	4	65,211	4	80,372	4	95,532	4	110,693	4	125,853	4	141,011
1/4	5,224	1/4	20,384	1/4	35,510	1/4	50,366	1/4	65,527	1/4	80,687	1/4	95,848	1/4	111,009	1/4	126,169	1/4	141,327
1/2	5,540	1/2	20,700	1/2	35,819	1/2	50,682	1/2	65,843	1/2	81,003	1/2	96,164	1/2	111,325	1/2	126,485	1/2	141,643
3/4	5,856	3/4	21,016	3/4	36,127	3/4	50,998	3/4	66,159	3/4	81,319	3/4	96,480	3/4	111,640	3/4	126,801	3/4	141,959
5	6,171	5	21,331	5	36,435	5	51,314	5	66,474	5	81,635	5	96,796	5	111,956	5	127,117	5	142,274
1/4	6,487	1/4	21,647	1/4	36,743	1/4	51,630	1/4	66,790	1/4	81,951	1/4	97,111	1/4	112,272	1/4	127,433	1/4	142,590
1/2	6,803	1/2	21,963	1/2	37,051	1/2	51,945	1/2	67,106	1/2	82,267	1/2	97,427	1/2	112,588	1/2	127,749	1/2	142,906
3/4	7,119	3/4	22,279	3/4	37,358	3/4	52,261	3/4	67,422	3/4	82,583	3/4	97,743	3/4	112,904	3/4	128,064	3/4	143,222
6	7,435	6	22,595	6	37,666	6	52,577	6	67,738	6	82,898	6	98,059	6	113,220	6	128,380	6	143,537
1/4	7,750	1/4	22,911	1/4	37,974	1/4	52,893	1/4	68,054	1/4	83,214	1/4	98,375	1/4	113,535	1/4	128,696	1/4	143,853
1/2	8,066	1/2	23,226	1/2	38,281	1/2	53,209	1/2	68,369	1/2	83,530	1/2	98,691	1/2	113,851	1/2	129,012	1/2	144,169
3/4	8,382	3/4	23,542	3/4	38,589	3/4	53,525	3/4	68,685	3/4	83,846	3/4	99,007	3/4	114,167	3/4	129,328	3/4	144,485
7	8,698	7	23,858	7	38,897	7	53,841	7	69,001	7	84,162	7	99,322	7	114,483	7	129,644	7	144,801
1/4	9,014	1/4	24,174	1/4	39,204	1/4	54,156	1/4	69,317	1/4	84,478	1/4	99,638	1/4	114,799	1/4	129,959	1/4	145,116
1/2	9,330	1/2	24,490	1/2	39,512	1/2	54,472	1/2	69,633	1/2	84,793	1/2	99,954	1/2	115,115	1/2	130,275	1/2	145,432
3/4	9,645	3/4	24,806	3/4	39,820	3/4	54,788	3/4	69,949	3/4	85,109	3/4	100,270	3/4	115,431	3/4	130,591	3/4	145,748
8	9,961	8	25,121	8	40,127	8	55,104	8	70,265	8	85,425	8	100,586	8	115,746	8	130,907	8	146,064
1/4	10,277	1/4	25,437	1/4	40,435	1/4	55,420	1/4	70,580	1/4	85,741	1/4	100,902	1/4	116,062	1/4	131,223	1/4	146,379
1/2	10,593	1/2	25,753	1/2	40,742	1/2	55,736	1/2	70,896	1/2	86,057	1/2	101,217	1/2	116,378	1/2	131,538	1/2	146,695
3/4	10,909	3/4	26,069	3/4	41,050	3/4	56,051	3/4	71,212	3/4	86,373	3/4	101,533	3/4	116,694	3/4	131,854	3/4	147,011
9	11,225	9	26,385	9	41,358	9	56,367	9	71,528	9	86,689	9	101,849	9	117,010	9	132,170	9	147,327
1/4	11,540	1/4	26,701	1/4	41,665	1/4	56,683	1/4	71,844	1/4	87,004	1/4	102,165	1/4	117,326	1/4	132,486	1/4	147,642
1/2	11,856	1/2	27,016	1/2	41,973	1/2	56,999	1/2	72,160	1/2	87,320	1/2	102,481	1/2	117,641	1/2	132,801	1/2	147,958
3/4	12,172	3/4	27,332	3/4	42,280	3/4	57,315	3/4	72,475	3/4	87,636	3/4	102,797	3/4	117,957	3/4	133,117	3/4	148,274
10	12,488	10	27,648	10	42,588	10	57,631	10	72,791	10	87,952	10	103,113	10	118,273	10	133,433	10	148,590
1/4	12,804	1/4	27,964	1/4	42,896	1/4	57,947	1/4	73,107	1/4	88,268	1/4	103,428	1/4	118,589	1/4	133,749	1/4	148,906
1/2	13,120	1/2	28,280	1/2	43,203	1/2	58,262	1/2	73,423	1/2	88,584	1/2	103,744	1/2	118,905	1/2	134,064	1/2	149,221
3/4	13,435	3/4	28,596	3/4	43,511	3/4	58,578	3/4	73,739	3/4	88,899	3/4	104,060	3/4	119,221	3/4	134,380	3/4	149,537
11	13,751	11	28,912	11	43,819	11	58,894	11	74,055	11	89,215	11	104,376	11	119,537	11	134,696	11	149,853
1/4	14,067	1/4	29,227	1/4	44,126	1/4	59,210	1/4	74,371	1/4	89,531	1/4	104,692	1/4	119,852	1/4	135,012	1/4	150,169
1/2	14,383	1/2	29,543	1/2	44,434	1/2	59,526	1/2	74,686	1/2	89,847	1/2	105,008	1/2	120,168	1/2	135,328	1/2	150,484
3/4	14,699	3/4	29,859	3/4	44,741	3/4	59,842	3/4	75,002	3/4	90,163	3/4	105,323	3/4	120,484	3/4	135,643	3/4	150,800

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 305"

2 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	151,116	0	166,273	0	181,358	0	196,427	0	211,409	0		0		0		0		0	
1/4	151,432	1/4	166,589	1/4	181,672	1/4	196,741	1/4	211,711	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,747	1/2	166,904	1/2	181,986	1/2	197,055	1/2	212,014	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,063	3/4	167,220	3/4	182,299	3/4	197,369	3/4	212,316	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,379	1	167,536	1	182,613	1	197,683	1	212,618	1	1	1	1	1	1	1	1	1	1
1/4	152,695	1/4	167,852	1/4	182,927	1/4	197,997	1/4	212,882	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,011	1/2	168,167	1/2	183,241	1/2	198,311	1/2	213,145	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,326	3/4	168,483	3/4	183,555	3/4	198,625	3/4	213,408	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,642	2	168,799	2	183,869	2	198,938	2	213,672	2	2	2	2	2	2	2	2	2	2
1/4	153,958	1/4	169,113	1/4	184,183	1/4	199,252	1/4	213,884	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,274	1/2	169,427	1/2	184,497	1/2	199,566	1/2	214,096	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,589	3/4	169,741	3/4	184,811	3/4	199,880	3/4	214,307	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,905	3	170,056	3	185,125	3	200,194	3	214,519	3	3	3	3	3	3	3	3	3	3
1/4	155,221	1/4	170,370	1/4	185,439	1/4	200,508	1/4	214,679	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,537	1/2	170,684	1/2	185,753	1/2	200,822	1/2	214,838	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,852	3/4	170,997	3/4	186,067	3/4	201,136	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,168	4	171,311	4	186,381	4	201,450	4		4	4	4	4	4	4	4	4	4	4
1/4	156,484	1/4	171,625	1/4	186,695	1/4	201,764	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,800	1/2	171,939	1/2	187,009	1/2	202,078	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,116	3/4	172,253	3/4	187,323	3/4	202,392	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,431	5	172,567	5	187,637	5	202,706	5	5	5	5	5	5	5	5	5	5	5	5
1/4	157,747	1/4	172,881	1/4	187,950	1/4	203,020	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,063	1/2	173,195	1/2	188,264	1/2	203,334	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,379	3/4	173,509	3/4	188,578	3/4	203,648	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,694	6	173,823	6	188,892	6	203,962	6	6	6	6	6	6	6	6	6	6	6	6
1/4	159,010	1/4	174,137	1/4	189,206	1/4	204,276	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,326	1/2	174,451	1/2	189,520	1/2	204,589	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,642	3/4	174,765	3/4	189,834	3/4	204,903	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	159,957	7	175,079	7	190,148	7	205,217	7	7	7	7	7	7	7	7	7	7	7	7
1/4	160,273	1/4	175,393	1/4	190,462	1/4	205,528	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,589	1/2	175,707	1/2	190,776	1/2	205,839	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,905	3/4	176,021	3/4	191,090	3/4	206,150	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,221	8	176,335	8	191,404	8	206,461	8	8	8	8	8	8	8	8	8	8	8	8
1/4	161,536	1/4	176,648	1/4	191,718	1/4	206,771	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,852	1/2	176,962	1/2	192,032	1/2	207,081	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,168	3/4	177,276	3/4	192,346	3/4	207,392	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,484	9	177,590	9	192,660	9	207,702	9	9	9	9	9	9	9	9	9	9	9	9
1/4	162,799	1/4	177,904	1/4	192,974	1/4	208,012	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,115	1/2	178,218	1/2	193,287	1/2	208,321	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,431	3/4	178,532	3/4	193,601	3/4	208,631	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,747	10	178,846	10	193,915	10	208,941	10	10	10	10	10	10	10	10	10	10	10	10
1/4	164,062	1/4	179,160	1/4	194,229	1/4	209,250	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,378	1/2	179,474	1/2	194,543	1/2	209,559	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,694	3/4	179,788	3/4	194,857	3/4	209,868	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,010	11	180,102	11	195,171	11	210,177	11	11	11	11	11	11	11	11	11	11	11	11
1/4	165,326	1/4	180,416	1/4	195,485	1/4	210,485	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,641	1/2	180,730	1/2	195,799	1/2	210,793	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,957	3/4	181,044	3/4	196,113	3/4	211,101	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/12/2012 CL - SW
RECALCULATED: 11/21/2012 CL
REPRINTED: 11/21/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	611	0	15,472	0	31,087	0	46,427	0	61,842	0	77,423	0	93,002	0	108,530	0	124,096	0	139,665
1/4	804	1/4	15,797	1/4	31,411	1/4	46,743	1/4	62,167	1/4	77,748	1/4	93,325	1/4	108,854	1/4	124,421	1/4	139,989
1/2	997	1/2	16,123	1/2	31,736	1/2	47,059	1/2	62,492	1/2	78,073	1/2	93,649	1/2	109,178	1/2	124,745	1/2	140,314
3/4	1,190	3/4	16,448	3/4	32,060	3/4	47,375	3/4	62,816	3/4	78,397	3/4	93,972	3/4	109,503	3/4	125,069	3/4	140,638
1	1,384	1	16,774	1	32,384	1	47,691	1	63,141	1	78,722	1	94,296	1	109,827	1	125,394	1	140,962
1/4	1,658	1/4	17,099	1/4	32,709	1/4	48,008	1/4	63,465	1/4	79,046	1/4	94,619	1/4	110,151	1/4	125,718	1/4	141,287
1/2	1,933	1/2	17,425	1/2	33,033	1/2	48,324	1/2	63,790	1/2	79,371	1/2	94,943	1/2	110,475	1/2	126,042	1/2	141,611
3/4	2,207	3/4	17,750	3/4	33,358	3/4	48,641	3/4	64,115	3/4	79,696	3/4	95,266	3/4	110,799	3/4	126,367	3/4	141,935
2	2,482	2	18,076	2	33,682	2	48,957	2	64,439	2	80,020	2	95,590	2	111,123	2	126,691	2	142,260
1/4	2,801	1/4	18,401	1/4	34,007	1/4	49,273	1/4	64,764	1/4	80,345	1/4	95,913	1/4	111,447	1/4	127,016	1/4	142,584
1/2	3,120	1/2	18,726	1/2	34,331	1/2	49,590	1/2	65,089	1/2	80,670	1/2	96,237	1/2	111,771	1/2	127,340	1/2	142,908
3/4	3,439	3/4	19,052	3/4	34,656	3/4	49,906	3/4	65,413	3/4	80,994	3/4	96,560	3/4	112,095	3/4	127,664	3/4	143,233
3	3,758	3	19,377	3	34,980	3	50,223	3	65,738	3	81,319	3	96,884	3	112,419	3	127,989	3	143,557
1/4	4,083	1/4	19,703	1/4	35,304	1/4	50,539	1/4	66,062	1/4	81,643	1/4	97,207	1/4	112,744	1/4	128,313	1/4	143,881
1/2	4,408	1/2	20,028	1/2	35,629	1/2	50,856	1/2	66,387	1/2	81,968	1/2	97,531	1/2	113,068	1/2	128,637	1/2	144,206
3/4	4,732	3/4	20,354	3/4	35,953	3/4	51,173	3/4	66,711	3/4	82,293	3/4	97,854	3/4	113,392	3/4	128,962	3/4	144,530
4	5,057	4	20,679	4	36,278	4	51,490	4	67,036	4	82,617	4	98,178	4	113,717	4	129,286	4	144,854
1/4	5,383	1/4	21,005	1/4	36,602	1/4	51,806	1/4	67,360	1/4	82,942	1/4	98,501	1/4	114,041	1/4	129,610	1/4	145,178
1/2	5,708	1/2	21,330	1/2	36,927	1/2	52,123	1/2	67,685	1/2	83,267	1/2	98,825	1/2	114,365	1/2	129,935	1/2	145,502
3/4	6,033	3/4	21,656	3/4	37,251	3/4	52,440	3/4	68,009	3/4	83,591	3/4	99,148	3/4	114,690	3/4	130,259	3/4	145,825
5	6,359	5	21,981	5	37,576	5	52,757	5	68,334	5	83,916	5	99,472	5	115,014	5	130,584	5	146,149
1/4	6,684	1/4	22,307	1/4	37,892	1/4	53,080	1/4	68,658	1/4	84,240	1/4	99,796	1/4	115,339	1/4	130,908	1/4	146,472
1/2	7,010	1/2	22,632	1/2	38,209	1/2	53,404	1/2	68,983	1/2	84,565	1/2	100,119	1/2	115,663	1/2	131,232	1/2	146,796
3/4	7,335	3/4	22,958	3/4	38,526	3/4	53,728	3/4	69,308	3/4	84,890	3/4	100,443	3/4	115,987	3/4	131,557	3/4	147,119
6	7,661	6	23,283	6	38,843	6	54,051	6	69,632	6	85,214	6	100,766	6	116,312	6	131,881	6	147,443
1/4	7,986	1/4	23,608	1/4	39,159	1/4	54,376	1/4	69,957	1/4	85,539	1/4	101,090	1/4	116,636	1/4	132,205	1/4	147,766
1/2	8,312	1/2	23,934	1/2	39,475	1/2	54,700	1/2	70,281	1/2	85,864	1/2	101,413	1/2	116,960	1/2	132,530	1/2	148,089
3/4	8,637	3/4	24,259	3/4	39,791	3/4	55,025	3/4	70,606	3/4	86,188	3/4	101,737	3/4	117,285	3/4	132,854	3/4	148,413
7	8,962	7	24,585	7	40,107	7	55,350	7	70,931	7	86,513	7	102,060	7	117,609	7	133,178	7	148,736
1/4	9,288	1/4	24,910	1/4	40,423	1/4	55,674	1/4	71,255	1/4	86,837	1/4	102,384	1/4	117,933	1/4	133,503	1/4	149,059
1/2	9,613	1/2	25,236	1/2	40,739	1/2	55,999	1/2	71,580	1/2	87,162	1/2	102,707	1/2	118,258	1/2	133,827	1/2	149,382
3/4	9,939	3/4	25,561	3/4	41,055	3/4	56,324	3/4	71,905	3/4	87,487	3/4	103,031	3/4	118,582	3/4	134,151	3/4	149,706
8	10,264	8	25,887	8	41,371	8	56,648	8	72,229	8	87,811	8	103,354	8	118,907	8	134,476	8	150,029
1/4	10,590	1/4	26,212	1/4	41,687	1/4	56,973	1/4	72,554	1/4	88,136	1/4	103,678	1/4	119,231	1/4	134,800	1/4	150,352
1/2	10,915	1/2	26,538	1/2	42,003	1/2	57,297	1/2	72,878	1/2	88,461	1/2	104,001	1/2	119,555	1/2	135,124	1/2	150,675
3/4	11,241	3/4	26,863	3/4	42,319	3/4	57,622	3/4	73,203	3/4	88,785	3/4	104,325	3/4	119,880	3/4	135,449	3/4	150,998
9	11,566	9	27,189	9	42,635	9	57,947	9	73,528	9	89,110	9	104,648	9	120,204	9	135,773	9	151,320
1/4	11,892	1/4	27,514	1/4	42,951	1/4	58,271	1/4	73,852	1/4	89,434	1/4	104,972	1/4	120,528	1/4	136,097	1/4	151,642
1/2	12,217	1/2	27,840	1/2	43,267	1/2	58,596	1/2	74,177	1/2	89,759	1/2	105,295	1/2	120,853	1/2	136,422	1/2	151,964
3/4	12,543	3/4	28,165	3/4	43,583	3/4	58,921	3/4	74,502	3/4	90,084	3/4	105,618	3/4	121,177	3/4	136,746	3/4	152,285
10	12,868	10	28,490	10	43,899	10	59,245	10	74,826	10	90,408	10	105,941	10	121,501	10	137,070	10	152,607
1/4	13,194	1/4	28,815	1/4	44,215	1/4	59,570	1/4	75,151	1/4	90,733	1/4	106,265	1/4	121,826	1/4	137,395	1/4	152,919
1/2	13,519	1/2	29,140	1/2	44,531	1/2	59,894	1/2	75,475	1/2	91,058	1/2	106,588	1/2	122,150	1/2	137,719	1/2	153,231
3/4	13,844	3/4	29,464	3/4	44,847	3/4	60,219	3/4	75,800	3/4	91,382	3/4	106,911	3/4	122,475	3/4	138,043	3/4	153,544
11	14,170	11	29,789	11	45,163	11	60,544	11	76,125	11	91,707	11	107,234	11	122,799	11	138,368	11	153,856
1/4	14,495	1/4	30,113	1/4	45,479	1/4	60,868	1/4	76,449	1/4	92,031	1/4	107,558	1/4	123,123	1/4	138,692	1/4	154,156
1/2	14,821	1/2	30,438	1/2	45,795	1/2	61,193	1/2	76,774	1/2	92,354	1/2	107,882	1/2	123,448	1/2	139,016	1/2	154,456
3/4	15,146	3/4	30,762	3/4	46,111	3/4	61,518	3/4	77,099	3/4	92,678	3/4	108,206	3/4	123,772	3/4	139,341	3/4	154,756

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "CBC 305"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	155,056	0	167,365	0	179,309	0	191,242	0	203,107	0		0		0		0		0	
1/4	155,343	1/4	167,615	1/4	179,558	1/4	191,491	1/4	203,347	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,631	1/2	167,865	1/2	179,806	1/2	191,739	1/2	203,586	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,918	3/4	168,115	3/4	180,055	3/4	191,988	3/4	203,825	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	156,206	1	168,365	1	180,304	1	192,236	1	204,065	1	1	1	1	1	1	1	1	1	1
1/4	156,481	1/4	168,615	1/4	180,552	1/4	192,485	1/4	204,274	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,755	1/2	168,865	1/2	180,801	1/2	192,734	1/2	204,482	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,030	3/4	169,114	3/4	181,049	3/4	192,982	3/4	204,691	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	157,305	2	169,364	2	181,298	2	193,231	2	204,899	2	2	2	2	2	2	2	2	2	2
1/4	157,567	1/4	169,613	1/4	181,547	1/4	193,479	1/4	205,067	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,830	1/2	169,862	1/2	181,795	1/2	193,728	1/2	205,235	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,092	3/4	170,111	3/4	182,044	3/4	193,977	3/4	205,403	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	158,354	3	170,360	3	182,292	3	194,225	3	205,571	3	3	3	3	3	3	3	3	3	3
1/4	158,607	1/4	170,608	1/4	182,541	1/4	194,474	1/4	205,697	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,860	1/2	170,857	1/2	182,790	1/2	194,722	1/2	205,823	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,112	3/4	171,105	3/4	183,038	3/4	194,971	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	159,365	4	171,354	4	183,287	4	195,220	4		4	4	4	4	4	4	4	4	4	4
1/4	159,615	1/4	171,603	1/4	183,535	1/4	195,468	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,865	1/2	171,851	1/2	183,784	1/2	195,717	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,115	3/4	172,100	3/4	184,033	3/4	195,965	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	160,366	5	172,348	5	184,281	5	196,214	5		5	5	5	5	5	5	5	5	5	5
1/4	160,616	1/4	172,597	1/4	184,530	1/4	196,463	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,866	1/2	172,846	1/2	184,778	1/2	196,711	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,116	3/4	173,094	3/4	185,027	3/4	196,960	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	161,365	6	173,343	6	185,276	6	197,208	6		6	6	6	6	6	6	6	6	6	6
1/4	161,615	1/4	173,591	1/4	185,524	1/4	197,457	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,865	1/2	173,840	1/2	185,773	1/2	197,706	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,115	3/4	174,089	3/4	186,021	3/4	197,954	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	162,365	7	174,337	7	186,270	7	198,203	7		7	7	7	7	7	7	7	7	7	7
1/4	162,615	1/4	174,586	1/4	186,519	1/4	198,449	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,865	1/2	174,834	1/2	186,767	1/2	198,695	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,115	3/4	175,083	3/4	187,016	3/4	198,941	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	163,365	8	175,332	8	187,264	8	199,188	8		8	8	8	8	8	8	8	8	8	8
1/4	163,615	1/4	175,580	1/4	187,513	1/4	199,433	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,865	1/2	175,829	1/2	187,762	1/2	199,679	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,115	3/4	176,077	3/4	188,010	3/4	199,925	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	164,365	9	176,326	9	188,259	9	200,171	9		9	9	9	9	9	9	9	9	9	9
1/4	164,615	1/4	176,575	1/4	188,507	1/4	200,416	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,865	1/2	176,823	1/2	188,756	1/2	200,661	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,115	3/4	177,072	3/4	189,005	3/4	200,907	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	165,365	10	177,320	10	189,253	10	201,152	10		10	10	10	10	10	10	10	10	10	10
1/4	165,615	1/4	177,569	1/4	189,502	1/4	201,397	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,865	1/2	177,818	1/2	189,750	1/2	201,642	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,115	3/4	178,066	3/4	189,999	3/4	201,887	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,365	11	178,315	11	190,248	11	202,132	11		11	11	11	11	11	11	11	11	11	11
1/4	166,615	1/4	178,563	1/4	190,496	1/4	202,375	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,865	1/2	178,812	1/2	190,745	1/2	202,619	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,115	3/4	179,061	3/4	190,993	3/4	202,863	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/12/2012 CL - SW
CALCULATED: 11/13/2012 CL
PRINTED: 11/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	611	0	15,472	0	31,087	0	46,234	0	61,516	0	77,097	0	92,676	0	108,204	0	123,771	0	139,339
1/4	804	1/4	15,797	1/4	31,411	1/4	46,543	1/4	61,841	1/4	77,422	1/4	92,999	1/4	108,529	1/4	124,095	1/4	139,664
1/2	997	1/2	16,123	1/2	31,736	1/2	46,852	1/2	62,166	1/2	77,747	1/2	93,323	1/2	108,853	1/2	124,419	1/2	139,988
3/4	1,190	3/4	16,448	3/4	32,060	3/4	47,161	3/4	62,490	3/4	78,071	3/4	93,646	3/4	109,177	3/4	124,744	3/4	140,312
1	1,384	1	16,774	1	32,384	1	47,471	1	62,815	1	78,396	1	93,970	1	109,501	1	125,068	1	140,637
1/4	1,658	1/4	17,099	1/4	32,709	1/4	47,780	1/4	63,140	1/4	78,721	1/4	94,293	1/4	109,825	1/4	125,392	1/4	140,961
1/2	1,933	1/2	17,425	1/2	33,033	1/2	48,090	1/2	63,464	1/2	79,045	1/2	94,617	1/2	110,149	1/2	125,717	1/2	141,285
3/4	2,207	3/4	17,750	3/4	33,358	3/4	48,399	3/4	63,789	3/4	79,370	3/4	94,940	3/4	110,473	3/4	126,041	3/4	141,610
2	2,482	2	18,076	2	33,682	2	48,708	2	64,113	2	79,694	2	95,264	2	110,797	2	126,365	2	141,934
1/4	2,801	1/4	18,401	1/4	34,007	1/4	49,019	1/4	64,438	1/4	80,019	1/4	95,587	1/4	111,121	1/4	126,690	1/4	142,258
1/2	3,120	1/2	18,726	1/2	34,331	1/2	49,329	1/2	64,763	1/2	80,344	1/2	95,911	1/2	111,445	1/2	127,014	1/2	142,583
3/4	3,439	3/4	19,052	3/4	34,656	3/4	49,639	3/4	65,087	3/4	80,668	3/4	96,234	3/4	111,770	3/4	127,338	3/4	142,907
3	3,758	3	19,377	3	34,980	3	49,949	3	65,412	3	80,993	3	96,558	3	112,094	3	127,663	3	143,231
1/4	4,083	1/4	19,703	1/4	35,304	1/4	50,260	1/4	65,736	1/4	81,318	1/4	96,882	1/4	112,418	1/4	127,987	1/4	143,556
1/2	4,408	1/2	20,028	1/2	35,629	1/2	50,570	1/2	66,061	1/2	81,642	1/2	97,205	1/2	112,742	1/2	128,312	1/2	143,880
3/4	4,732	3/4	20,354	3/4	35,953	3/4	50,881	3/4	66,386	3/4	81,967	3/4	97,529	3/4	113,067	3/4	128,636	3/4	144,204
4	5,057	4	20,679	4	36,278	4	51,191	4	66,710	4	82,292	4	97,852	4	113,391	4	128,960	4	144,529
1/4	5,383	1/4	21,005	1/4	36,602	1/4	51,502	1/4	67,034	1/4	82,616	1/4	98,176	1/4	113,715	1/4	129,285	1/4	144,852
1/2	5,708	1/2	21,330	1/2	36,925	1/2	51,813	1/2	67,359	1/2	82,941	1/2	98,499	1/2	114,040	1/2	129,609	1/2	145,176
3/4	6,033	3/4	21,656	3/4	37,249	3/4	52,123	3/4	67,683	3/4	83,265	3/4	98,823	3/4	114,364	3/4	129,933	3/4	145,499
5	6,359	5	21,981	5	37,573	5	52,434	5	68,008	5	83,590	5	99,146	5	114,688	5	130,258	5	145,823
1/4	6,684	1/4	22,307	1/4	37,884	1/4	52,757	1/4	68,333	1/4	83,915	1/4	99,470	1/4	115,013	1/4	130,582	1/4	146,147
1/2	7,010	1/2	22,632	1/2	38,194	1/2	53,080	1/2	68,657	1/2	84,239	1/2	99,793	1/2	115,337	1/2	130,906	1/2	146,470
3/4	7,335	3/4	22,958	3/4	38,505	3/4	53,403	3/4	68,982	3/4	84,564	3/4	100,117	3/4	115,662	3/4	131,231	3/4	146,793
6	7,661	6	23,283	6	38,815	6	53,725	6	69,306	6	84,889	6	100,440	6	115,986	6	131,555	6	147,117
1/4	7,986	1/4	23,608	1/4	39,124	1/4	54,050	1/4	69,631	1/4	85,213	1/4	100,764	1/4	116,310	1/4	131,880	1/4	147,440
1/2	8,312	1/2	23,934	1/2	39,433	1/2	54,375	1/2	69,956	1/2	85,538	1/2	101,087	1/2	116,635	1/2	132,204	1/2	147,764
3/4	8,637	3/4	24,259	3/4	39,743	3/4	54,699	3/4	70,280	3/4	85,862	3/4	101,411	3/4	116,959	3/4	132,528	3/4	148,087
7	8,962	7	24,585	7	40,052	7	55,024	7	70,605	7	86,187	7	101,734	7	117,283	7	132,853	7	148,410
1/4	9,288	1/4	24,910	1/4	40,361	1/4	55,349	1/4	70,930	1/4	86,512	1/4	102,058	1/4	117,608	1/4	133,177	1/4	148,733
1/2	9,613	1/2	25,236	1/2	40,670	1/2	55,673	1/2	71,254	1/2	86,836	1/2	102,381	1/2	117,932	1/2	133,501	1/2	149,057
3/4	9,939	3/4	25,561	3/4	40,979	3/4	55,998	3/4	71,579	3/4	87,161	3/4	102,705	3/4	118,256	3/4	133,826	3/4	149,380
8	10,264	8	25,887	8	41,288	8	56,322	8	71,903	8	87,486	8	103,028	8	118,581	8	134,150	8	149,703
1/4	10,590	1/4	26,212	1/4	41,597	1/4	56,647	1/4	72,228	1/4	87,810	1/4	103,352	1/4	118,905	1/4	134,474	1/4	150,026
1/2	10,915	1/2	26,538	1/2	41,906	1/2	56,972	1/2	72,553	1/2	88,135	1/2	103,676	1/2	119,229	1/2	134,799	1/2	150,349
3/4	11,241	3/4	26,863	3/4	42,215	3/4	57,296	3/4	72,877	3/4	88,459	3/4	103,999	3/4	119,554	3/4	135,123	3/4	150,672
9	11,566	9	27,189	9	42,525	9	57,621	9	73,202	9	88,784	9	104,323	9	119,878	9	135,447	9	150,995
1/4	11,892	1/4	27,514	1/4	42,834	1/4	57,946	1/4	73,527	1/4	89,109	1/4	104,646	1/4	120,203	1/4	135,772	1/4	151,316
1/2	12,217	1/2	27,840	1/2	43,143	1/2	58,270	1/2	73,851	1/2	89,433	1/2	104,969	1/2	120,527	1/2	136,096	1/2	151,638
3/4	12,543	3/4	28,165	3/4	43,452	3/4	58,595	3/4	74,176	3/4	89,758	3/4	105,292	3/4	120,851	3/4	136,420	3/4	151,959
10	12,868	10	28,490	10	43,761	10	58,919	10	74,500	10	90,083	10	105,616	10	121,176	10	136,745	10	152,281
1/4	13,194	1/4	28,815	1/4	44,070	1/4	59,244	1/4	74,825	1/4	90,407	1/4	105,939	1/4	121,500	1/4	137,069	1/4	152,593
1/2	13,519	1/2	29,140	1/2	44,379	1/2	59,569	1/2	75,150	1/2	90,732	1/2	106,262	1/2	121,824	1/2	137,393	1/2	152,905
3/4	13,844	3/4	29,464	3/4	44,688	3/4	59,893	3/4	75,474	3/4	91,056	3/4	106,585	3/4	122,149	3/4	137,718	3/4	153,218
11	14,170	11	29,789	11	44,997	11	60,218	11	75,799	11	91,381	11	106,909	11	122,473	11	138,042	11	153,530
1/4	14,495	1/4	30,113	1/4	45,307	1/4	60,543	1/4	76,124	1/4	91,705	1/4	107,232	1/4	122,797	1/4	138,366	1/4	153,830
1/2	14,821	1/2	30,438	1/2	45,616	1/2	60,867	1/2	76,448	1/2	92,028	1/2	107,556	1/2	123,122	1/2	138,691	1/2	154,130
3/4	15,146	3/4	30,762	3/4	45,925	3/4	61,192	3/4	76,773	3/4	92,352	3/4	107,880	3/4	123,446	3/4	139,015	3/4	154,430

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 305"

3 STBD 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	154,730	0	167,039	0	178,983	0	190,916	0	202,781	0		0		0		0		0	
1/4	155,018	1/4	167,289	1/4	179,232	1/4	191,165	1/4	203,021	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,305	1/2	167,539	1/2	179,481	1/2	191,413	1/2	203,260	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,592	3/4	167,789	3/4	179,729	3/4	191,662	3/4	203,500	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	155,880	1	168,039	1	179,978	1	191,911	1	203,739	1	1	1	1	1	1	1	1	1	1
1/4	156,155	1/4	168,289	1/4	180,226	1/4	192,159	1/4	203,948	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,430	1/2	168,539	1/2	180,475	1/2	192,408	1/2	204,156	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,704	3/4	168,789	3/4	180,724	3/4	192,656	3/4	204,365	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	156,979	2	169,039	2	180,972	2	192,905	2	204,574	2	2	2	2	2	2	2	2	2	2
1/4	157,242	1/4	169,287	1/4	181,221	1/4	193,154	1/4	204,742	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,504	1/2	169,536	1/2	181,469	1/2	193,402	1/2	204,909	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,766	3/4	169,785	3/4	181,718	3/4	193,651	3/4	205,077	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	158,028	3	170,034	3	181,967	3	193,899	3	205,245	3	3	3	3	3	3	3	3	3	3
1/4	158,281	1/4	170,282	1/4	182,215	1/4	194,148	1/4	205,371	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,534	1/2	170,531	1/2	182,464	1/2	194,397	1/2	205,498	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,786	3/4	170,780	3/4	182,712	3/4	194,645	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	159,039	4	171,028	4	182,961	4	194,894	4		4	4	4	4	4	4	4	4	4	4
1/4	159,289	1/4	171,277	1/4	183,210	1/4	195,142	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,539	1/2	171,525	1/2	183,458	1/2	195,391	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,790	3/4	171,774	3/4	183,707	3/4	195,640	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	160,040	5	172,023	5	183,955	5	195,888	5		5	5	5	5	5	5	5	5	5	5
1/4	160,290	1/4	172,271	1/4	184,204	1/4	196,137	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,540	1/2	172,520	1/2	184,453	1/2	196,385	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,790	3/4	172,768	3/4	184,701	3/4	196,634	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	161,040	6	173,017	6	184,950	6	196,883	6		6	6	6	6	6	6	6	6	6	6
1/4	161,290	1/4	173,266	1/4	185,198	1/4	197,131	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,540	1/2	173,514	1/2	185,447	1/2	197,380	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,790	3/4	173,763	3/4	185,696	3/4	197,628	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	162,040	7	174,011	7	185,944	7	197,877	7		7	7	7	7	7	7	7	7	7	7
1/4	162,290	1/4	174,260	1/4	186,193	1/4	198,123	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,539	1/2	174,509	1/2	186,441	1/2	198,369	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,789	3/4	174,757	3/4	186,690	3/4	198,616	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	163,039	8	175,006	8	186,939	8	198,862	8		8	8	8	8	8	8	8	8	8	8
1/4	163,289	1/4	175,254	1/4	187,187	1/4	199,108	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,539	1/2	175,503	1/2	187,436	1/2	199,353	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,789	3/4	175,752	3/4	187,684	3/4	199,599	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	164,039	9	176,000	9	187,933	9	199,845	9		9	9	9	9	9	9	9	9	9	9
1/4	164,289	1/4	176,249	1/4	188,182	1/4	200,090	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,539	1/2	176,497	1/2	188,430	1/2	200,336	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,789	3/4	176,746	3/4	188,679	3/4	200,581	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	165,039	10	176,995	10	188,927	10	200,826	10		10	10	10	10	10	10	10	10	10	10
1/4	165,289	1/4	177,243	1/4	189,176	1/4	201,071	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,539	1/2	177,492	1/2	189,425	1/2	201,316	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,789	3/4	177,740	3/4	189,673	3/4	201,561	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,039	11	177,989	11	189,922	11	201,806	11		11	11	11	11	11	11	11	11	11	11
1/4	166,289	1/4	178,238	1/4	190,170	1/4	202,050	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,539	1/2	178,486	1/2	190,419	1/2	202,294	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,789	3/4	178,735	3/4	190,668	3/4	202,537	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/12/2012 CL - SW
CALCULATED: 11/13/2012 CL
PRINTED: 11/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 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	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	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	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	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	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	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	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	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	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	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	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	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: 11/12/2012 CL - SW
CALCULATED: 11/13/2012 CL
PRINTED: 11/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
1 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
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 00-0/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 0/8"

LENGTH BETWEEN DRAFT MARKS: 238'-03"

November 21, 2012

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 305"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	206,096	0	190,481	0	174,865	0	159,176	0	143,473	0	127,769	0	112,063
1/4	1/4	1/4	1/4	1/4	1/4	1/4	205,771	1/4	190,155	1/4	174,540	1/4	158,849	1/4	143,146	1/4	127,442	1/4	111,735
1/2	1/2	1/2	1/2	1/2	1/2	1/2	219,973	1/2	205,445	1/2	189,830	1/2	174,215	1/2	158,522	1/2	142,819	1/2	127,115
3/4	3/4	3/4	3/4	3/4	3/4	3/4	219,808	3/4	205,120	3/4	189,505	3/4	173,889	3/4	158,195	3/4	142,492	3/4	126,788
1		1		1		1	219,643	1	204,795	1	189,179	1	173,564	1	157,867	1	142,165	1	126,460
1/4	1/4	1/4	1/4	1/4	1/4	1/4	219,423	1/4	204,469	1/4	188,854	1/4	173,238	1/4	157,540	1/4	141,837	1/4	126,133
1/2	1/2	1/2	1/2	1/2	1/2	1/2	219,203	1/2	204,144	1/2	188,529	1/2	172,913	1/2	157,213	1/2	141,510	1/2	125,806
3/4	3/4	3/4	3/4	3/4	3/4	3/4	218,984	3/4	203,819	3/4	188,203	3/4	172,587	3/4	156,886	3/4	141,183	3/4	125,479
2		2		2		2	218,764	2	203,493	2	187,878	2	172,262	2	156,559	2	140,856	2	125,151
1/4	1/4	1/4	1/4	1/4	1/4	1/4	218,491	1/4	203,168	1/4	187,553	1/4	171,935	1/4	156,232	1/4	140,529	1/4	124,824
1/2	1/2	1/2	1/2	1/2	1/2	1/2	218,218	1/2	202,843	1/2	187,227	1/2	171,608	1/2	155,905	1/2	140,202	1/2	124,497
3/4	3/4	3/4	3/4	3/4	3/4	3/4	217,945	3/4	202,517	3/4	186,902	3/4	171,280	3/4	155,577	3/4	139,875	3/4	124,170
3		3		3		3	217,672	3	202,192	3	186,577	3	170,953	3	155,250	3	139,547	3	123,843
1/4	1/4	1/4	1/4	1/4	1/4	1/4	217,358	1/4	201,867	1/4	186,251	1/4	170,626	1/4	154,923	1/4	139,220	1/4	123,515
1/2	1/2	1/2	1/2	1/2	1/2	1/2	217,045	1/2	201,542	1/2	185,926	1/2	170,299	1/2	154,596	1/2	138,893	1/2	123,188
3/4	3/4	3/4	3/4	3/4	3/4	3/4	216,732	3/4	201,216	3/4	185,601	3/4	169,972	3/4	154,269	3/4	138,566	3/4	122,861
4		4		4		4	216,418	4	200,891	4	185,276	4	169,645	4	153,942	4	138,239	4	122,534
1/4	1/4	1/4	1/4	1/4	1/4	1/4	216,099	1/4	200,566	1/4	184,950	1/4	169,318	1/4	153,615	1/4	137,912	1/4	122,206
1/2	1/2	1/2	1/2	1/2	1/2	1/2	215,780	1/2	200,240	1/2	184,625	1/2	168,990	1/2	153,287	1/2	137,585	1/2	121,879
3/4	3/4	3/4	3/4	3/4	3/4	3/4	215,461	3/4	199,915	3/4	184,300	3/4	168,663	3/4	152,960	3/4	137,257	3/4	121,552
5		5		5		5	215,142	5	199,590	5	183,974	5	168,336	5	152,633	5	136,930	5	121,225
1/4	1/4	1/4	1/4	1/4	1/4	1/4	214,821	1/4	199,264	1/4	183,649	1/4	168,009	1/4	152,306	1/4	136,603	1/4	120,898
1/2	1/2	1/2	1/2	1/2	1/2	1/2	214,501	1/2	198,939	1/2	183,324	1/2	167,682	1/2	151,979	1/2	136,276	1/2	120,570
3/4	3/4	3/4	3/4	3/4	3/4	3/4	214,180	3/4	198,614	3/4	182,998	3/4	167,355	3/4	151,652	3/4	135,949	3/4	120,243
6		6		6		6	213,860	6	198,288	6	182,673	6	167,028	6	151,325	6	135,622	6	119,916
1/4	1/4	1/4	1/4	1/4	1/4	1/4	213,539	1/4	197,963	1/4	182,348	1/4	166,700	1/4	150,997	1/4	135,295	1/4	119,589
1/2	1/2	1/2	1/2	1/2	1/2	1/2	213,218	1/2	197,638	1/2	182,022	1/2	166,373	1/2	150,670	1/2	134,967	1/2	119,261
3/4	3/4	3/4	3/4	3/4	3/4	3/4	212,896	3/4	197,312	3/4	181,697	3/4	166,046	3/4	150,343	3/4	134,640	3/4	118,934
7		7		7		7	212,575	7	196,987	7	181,372	7	165,719	7	150,016	7	134,313	7	118,607
1/4	1/4	1/4	1/4	1/4	1/4	1/4	212,254	1/4	196,662	1/4	181,046	1/4	165,392	1/4	149,689	1/4	133,986	1/4	118,280
1/2	1/2	1/2	1/2	1/2	1/2	1/2	211,932	1/2	196,336	1/2	180,721	1/2	165,065	1/2	149,362	1/2	133,659	1/2	117,953
3/4	3/4	3/4	3/4	3/4	3/4	3/4	211,610	3/4	196,011	3/4	180,396	3/4	164,738	3/4	149,035	3/4	133,332	3/4	117,625
8		8		8		8	211,289	8	195,686	8	180,070	8	164,410	8	148,707	8	133,004	8	117,298
1/4	1/4	1/4	1/4	1/4	1/4	1/4	210,967	1/4	195,360	1/4	179,745	1/4	164,083	1/4	148,380	1/4	132,677	1/4	116,971
1/2	1/2	1/2	1/2	1/2	1/2	1/2	210,644	1/2	195,035	1/2	179,420	1/2	163,756	1/2	148,053	1/2	132,350	1/2	116,644
3/4	3/4	3/4	3/4	3/4	3/4	3/4	210,322	3/4	194,710	3/4	179,094	3/4	163,429	3/4	147,726	3/4	132,023	3/4	116,316
9		9		9		9	210,000	9	194,384	9	178,769	9	163,102	9	147,399	9	131,696	9	115,989
1/4	1/4	1/4	1/4	1/4	1/4	1/4	209,674	1/4	194,059	1/4	178,444	1/4	162,775	1/4	147,072	1/4	131,369	1/4	115,662
1/2	1/2	1/2	1/2	1/2	1/2	1/2	209,349	1/2	193,734	1/2	178,118	1/2	162,447	1/2	146,745	1/2	131,041	1/2	115,335
3/4	3/4	3/4	3/4	3/4	3/4	3/4	209,024	3/4	193,409	3/4	177,793	3/4	162,120	3/4	146,417	3/4	130,714	3/4	115,008
10		10		10		10	208,699	10	193,083	10	177,468	10	161,793	10	146,090	10	130,387	10	114,680
1/4	1/4	1/4	1/4	1/4	1/4	1/4	208,373	1/4	192,758	1/4	177,143	1/4	161,466	1/4	145,763	1/4	130,060	1/4	114,353
1/2	1/2	1/2	1/2	1/2	1/2	1/2	208,048	1/2	192,433	1/2	176,817	1/2	161,139	1/2	145,436	1/2	129,733	1/2	114,026
3/4	3/4	3/4	3/4	3/4	3/4	3/4	207,723	3/4	192,107	3/4	176,492	3/4	160,812	3/4	145,109	3/4	129,405	3/4	113,699
11		11		11		11	207,397	11	191,782	11	176,167	11	160,485	11	144,782	11	129,078	11	113,371
1/4	1/4	1/4	1/4	1/4	1/4	1/4	207,072	1/4	191,457	1/4	175,841	1/4	160,157	1/4	144,455	1/4	128,751	1/4	113,044
1/2	1/2	1/2	1/2	1/2	1/2	1/2	206,747	1/2	191,131	1/2	175,516	1/2	159,830	1/2	144,127	1/2	128,424	1/2	112,717
3/4	3/4	3/4	3/4	3/4	3/4	3/4	206,421	3/4	190,806	3/4	175,191	3/4	159,503	3/4	143,800	3/4	128,096	3/4	112,390

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "CBC 305"

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	96,356	0	80,649	0	64,943	0	49,236	0	33,629	0	18,122	0	4,092	0		0		0	
1/4	96,029	1/4	80,322	1/4	64,615	1/4	48,909	1/4	33,303	1/4	17,811	1/4	3,822	1/4	1/4		1/4		1/4
1/2	95,701	1/2	79,995	1/2	64,288	1/2	48,582	1/2	32,978	1/2	17,500	1/2	3,552	1/2	1/2		1/2		1/2
3/4	95,374	3/4	79,668	3/4	63,961	3/4	48,254	3/4	32,652	3/4	17,189	3/4	3,283	3/4	3/4		3/4		3/4
1	95,047	1	79,340	1	63,634	1	47,927	1	32,327	1	16,878	1	3,013	1	1		1		1
1/4	94,720	1/4	79,013	1/4	63,306	1/4	47,600	1/4	32,000	1/4	16,570	1/4	2,753	1/4	1/4		1/4		1/4
1/2	94,393	1/2	78,686	1/2	62,979	1/2	47,273	1/2	31,672	1/2	16,263	1/2	2,493	1/2	1/2		1/2		1/2
3/4	94,065	3/4	78,359	3/4	62,652	3/4	46,947	3/4	31,345	3/4	15,955	3/4	2,232	3/4	3/4		3/4		3/4
2	93,738	2	78,031	2	62,325	2	46,620	2	31,018	2	15,647	2	1,972	2	2		2		2
1/4	93,411	1/4	77,704	1/4	61,998	1/4	46,293	1/4	30,691	1/4	15,343	1/4	1,760	1/4	1/4		1/4		1/4
1/2	93,084	1/2	77,377	1/2	61,670	1/2	45,967	1/2	30,363	1/2	15,039	1/2	1,548	1/2	1/2		1/2		1/2
3/4	92,756	3/4	77,050	3/4	61,343	3/4	45,640	3/4	30,036	3/4	14,735	3/4	1,336	3/4	3/4		3/4		3/4
3	92,429	3	76,723	3	61,016	3	45,314	3	29,709	3	14,430	3	1,123	3	3		3		3
1/4	92,102	1/4	76,395	1/4	60,689	1/4	44,989	1/4	29,382	1/4	14,130	1/4	989	1/4	1/4		1/4		1/4
1/2	91,775	1/2	76,068	1/2	60,361	1/2	44,665	1/2	29,055	1/2	13,829	1/2	854	1/2	1/2		1/2		1/2
3/4	91,448	3/4	75,741	3/4	60,034	3/4	44,340	3/4	28,727	3/4	13,528	3/4	719	3/4	3/4		3/4		3/4
4	91,120	4	75,414	4	59,707	4	44,016	4	28,400	4	13,227	4	584	4	4		4		4
1/4	90,793	1/4	75,086	1/4	59,380	1/4	43,691	1/4	28,073	1/4	12,930	1/4		1/4	1/4		1/4		1/4
1/2	90,466	1/2	74,759	1/2	59,053	1/2	43,367	1/2	27,746	1/2	12,632	1/2		1/2	1/2		1/2		1/2
3/4	90,139	3/4	74,432	3/4	58,725	3/4	43,042	3/4	27,419	3/4	12,335	3/4		3/4	3/4		3/4		3/4
5	89,811	5	74,105	5	58,398	5	42,718	5	27,091	5	12,037	5		5	5		5		5
1/4	89,484	1/4	73,778	1/4	58,071	1/4	42,393	1/4	26,764	1/4	11,743	1/4		1/4	1/4		1/4		1/4
1/2	89,157	1/2	73,450	1/2	57,744	1/2	42,069	1/2	26,437	1/2	11,449	1/2		1/2	1/2		1/2		1/2
3/4	88,830	3/4	73,123	3/4	57,416	3/4	41,744	3/4	26,110	3/4	11,155	3/4		3/4	3/4		3/4		3/4
6	88,503	6	72,796	6	57,089	6	41,420	6	25,783	6	10,861	6		6	6		6		6
1/4	88,175	1/4	72,469	1/4	56,762	1/4	41,095	1/4	25,456	1/4	10,571	1/4		1/4	1/4		1/4		1/4
1/2	87,848	1/2	72,141	1/2	56,435	1/2	40,771	1/2	25,130	1/2	10,280	1/2		1/2	1/2		1/2		1/2
3/4	87,521	3/4	71,814	3/4	56,108	3/4	40,446	3/4	24,804	3/4	9,990	3/4		3/4	3/4		3/4		3/4
7	87,194	7	71,487	7	55,780	7	40,122	7	24,478	7	9,699	7		7	7		7		7
1/4	86,866	1/4	71,160	1/4	55,453	1/4	39,797	1/4	24,160	1/4	9,412	1/4		1/4	1/4		1/4		1/4
1/2	86,539	1/2	70,833	1/2	55,126	1/2	39,473	1/2	23,841	1/2	9,125	1/2		1/2	1/2		1/2		1/2
3/4	86,212	3/4	70,505	3/4	54,799	3/4	39,148	3/4	23,523	3/4	8,837	3/4		3/4	3/4		3/4		3/4
8	85,885	8	70,178	8	54,471	8	38,824	8	23,204	8	8,550	8		8	8		8		8
1/4	85,558	1/4	69,851	1/4	54,144	1/4	38,499	1/4	22,887	1/4	8,266	1/4		1/4	1/4		1/4		1/4
1/2	85,230	1/2	69,524	1/2	53,817	1/2	38,175	1/2	22,570	1/2	7,983	1/2		1/2	1/2		1/2		1/2
3/4	84,903	3/4	69,196	3/4	53,490	3/4	37,850	3/4	22,253	3/4	7,699	3/4		3/4	3/4		3/4		3/4
9	84,576	9	68,869	9	53,163	9	37,526	9	21,936	9	7,415	9		9	9		9		9
1/4	84,249	1/4	68,542	1/4	52,835	1/4	37,201	1/4	21,615	1/4	7,135	1/4		1/4	1/4		1/4		1/4
1/2	83,921	1/2	68,215	1/2	52,508	1/2	36,877	1/2	21,294	1/2	6,854	1/2		1/2	1/2		1/2		1/2
3/4	83,594	3/4	67,888	3/4	52,181	3/4	36,552	3/4	20,972	3/4	6,574	3/4		3/4	3/4		3/4		3/4
10	83,267	10	67,560	10	51,854	10	36,228	10	20,651	10	6,293	10		10	10		10		10
1/4	82,940	1/4	67,233	1/4	51,526	1/4	35,903	1/4	20,333	1/4	6,016	1/4		1/4	1/4		1/4		1/4
1/2	82,613	1/2	66,906	1/2	51,199	1/2	35,579	1/2	20,015	1/2	5,739	1/2		1/2	1/2		1/2		1/2
3/4	82,285	3/4	66,579	3/4	50,872	3/4	35,254	3/4	19,698	3/4	5,462	3/4		3/4	3/4		3/4		3/4
11	81,958	11	66,251	11	50,545	11	34,929	11	19,380	11	5,185	11		11	11		11		11
1/4	81,631	1/4	65,924	1/4	50,218	1/4	34,604	1/4	19,065	1/4	4,912	1/4		1/4	1/4		1/4		1/4
1/2	81,304	1/2	65,597	1/2	49,890	1/2	34,279	1/2	18,751	1/2	4,639	1/2		1/2	1/2		1/2		1/2
3/4	80,976	3/4	65,270	3/4	49,563	3/4	33,954	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: 11/12/2012 CL - SW
CALCULATED: 11/13/2012 CL
PRINTED: 11/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	0	0	205,807	0	190,194	0	174,580	0	158,891	0	143,190	0	127,488	0	111,783		
1/4	1/4	1/4	220,008	1/4	205,482	1/4	189,868	1/4	174,255	1/4	158,564	1/4	142,863	1/4	127,161	1/4	111,456		
1/2	1/2	1/2	219,843	1/2	205,157	1/2	189,543	1/2	173,930	1/2	158,237	1/2	142,536	1/2	126,833	1/2	111,129		
3/4	3/4	3/4	219,678	3/4	204,831	3/4	189,218	3/4	173,604	3/4	157,910	3/4	142,209	3/4	126,506	3/4	110,801		
1	1	1	219,458	1	204,506	1	188,893	1	173,279	1	157,583	1	141,882	1	126,179	1	110,474		
1/4	1/4	1/4	219,238	1/4	204,181	1/4	188,567	1/4	172,953	1/4	157,255	1/4	141,554	1/4	125,852	1/4	110,147		
1/2	1/2	1/2	219,019	1/2	203,855	1/2	188,242	1/2	172,628	1/2	156,928	1/2	141,227	1/2	125,525	1/2	109,820		
3/4	3/4	3/4	218,799	3/4	203,530	3/4	187,917	3/4	172,302	3/4	156,601	3/4	140,900	3/4	125,198	3/4	109,493		
2	2	2	218,526	2	203,205	2	187,591	2	171,975	2	156,274	2	140,573	2	124,870	2	109,166		
1/4	1/4	1/4	218,253	1/4	202,880	1/4	187,266	1/4	171,648	1/4	155,947	1/4	140,246	1/4	124,543	1/4	108,838		
1/2	1/2	1/2	217,980	1/2	202,554	1/2	186,941	1/2	171,321	1/2	155,620	1/2	139,919	1/2	124,216	1/2	108,511		
3/4	3/4	3/4	217,707	3/4	202,229	3/4	186,616	3/4	170,994	3/4	155,293	3/4	139,592	3/4	123,889	3/4	108,184		
3	3	3	217,394	3	201,904	3	186,290	3	170,667	3	154,966	3	139,265	3	123,562	3	107,857		
1/4	1/4	1/4	217,080	1/4	201,579	1/4	185,965	1/4	170,340	1/4	154,639	1/4	138,938	1/4	123,234	1/4	107,530		
1/2	1/2	1/2	216,767	1/2	201,253	1/2	185,640	1/2	170,013	1/2	154,312	1/2	138,610	1/2	122,907	1/2	107,202		
3/4	3/4	3/4	216,454	3/4	200,928	3/4	185,314	3/4	169,685	3/4	153,984	3/4	138,283	3/4	122,580	3/4	106,875		
4	4	4	216,134	4	200,603	4	184,989	4	169,358	4	153,657	4	137,956	4	122,253	4	106,548		
1/4	1/4	1/4	215,815	1/4	200,277	1/4	184,664	1/4	169,031	1/4	153,330	1/4	137,629	1/4	121,926	1/4	106,221		
1/2	1/2	1/2	215,496	1/2	199,952	1/2	184,339	1/2	168,704	1/2	153,003	1/2	137,302	1/2	121,599	1/2	105,894		
3/4	3/4	3/4	215,177	3/4	199,627	3/4	184,013	3/4	168,377	3/4	152,676	3/4	136,975	3/4	121,271	3/4	105,567		
5	5	5	214,857	5	199,302	5	183,688	5	168,050	5	152,349	5	136,648	5	120,944	5	105,239		
1/4	1/4	1/4	214,536	1/4	198,976	1/4	183,363	1/4	167,723	1/4	152,022	1/4	136,321	1/4	120,617	1/4	104,912		
1/2	1/2	1/2	214,216	1/2	198,651	1/2	183,038	1/2	167,396	1/2	151,695	1/2	135,994	1/2	120,290	1/2	104,585		
3/4	3/4	3/4	213,895	3/4	198,326	3/4	182,712	3/4	167,069	3/4	151,368	3/4	135,667	3/4	119,963	3/4	104,258		
6	6	6	213,574	6	198,000	6	182,387	6	166,742	6	151,040	6	135,339	6	119,635	6	103,931		
1/4	1/4	1/4	213,253	1/4	197,675	1/4	182,062	1/4	166,414	1/4	150,713	1/4	135,012	1/4	119,308	1/4	103,603		
1/2	1/2	1/2	212,932	1/2	197,350	1/2	181,736	1/2	166,087	1/2	150,386	1/2	134,685	1/2	118,981	1/2	103,276		
3/4	3/4	3/4	212,611	3/4	197,025	3/4	181,411	3/4	165,760	3/4	150,059	3/4	134,358	3/4	118,654	3/4	102,949		
7	7	7	212,289	7	196,699	7	181,086	7	165,433	7	149,732	7	134,031	7	118,327	7	102,622		
1/4	1/4	1/4	211,968	1/4	196,374	1/4	180,761	1/4	165,106	1/4	149,405	1/4	133,704	1/4	117,999	1/4	102,295		
1/2	1/2	1/2	211,646	1/2	196,049	1/2	180,435	1/2	164,779	1/2	149,078	1/2	133,377	1/2	117,672	1/2	101,968		
3/4	3/4	3/4	211,325	3/4	195,723	3/4	180,110	3/4	164,452	3/4	148,751	3/4	133,050	3/4	117,345	3/4	101,640		
8	8	8	211,002	8	195,398	8	179,785	8	164,125	8	148,424	8	132,723	8	117,018	8	101,313		
1/4	1/4	1/4	210,680	1/4	195,073	1/4	179,459	1/4	163,798	1/4	148,097	1/4	132,395	1/4	116,691	1/4	100,986		
1/2	1/2	1/2	210,358	1/2	194,748	1/2	179,134	1/2	163,470	1/2	147,769	1/2	132,068	1/2	116,364	1/2	100,659		
3/4	3/4	3/4	210,036	3/4	194,422	3/4	178,809	3/4	163,143	3/4	147,442	3/4	131,741	3/4	116,036	3/4	100,332		
9	9	9	209,711	9	194,097	9	178,484	9	162,816	9	147,115	9	131,414	9	115,709	9	100,004		
1/4	1/4	1/4	209,385	1/4	193,772	1/4	178,158	1/4	162,489	1/4	146,788	1/4	131,087	1/4	115,382	1/4	99,677		
1/2	1/2	1/2	209,060	1/2	193,446	1/2	177,833	1/2	162,162	1/2	146,461	1/2	130,760	1/2	115,055	1/2	99,350		
3/4	3/4	3/4	208,735	3/4	193,121	3/4	177,508	3/4	161,835	3/4	146,134	3/4	130,432	3/4	114,728	3/4	99,023		
10	10	10	208,409	10	192,796	10	177,182	10	161,508	10	145,807	10	130,105	10	114,400	10	98,696		
1/4	1/4	1/4	208,084	1/4	192,471	1/4	176,857	1/4	161,181	1/4	145,480	1/4	129,778	1/4	114,073	1/4	98,368		
1/2	1/2	1/2	207,759	1/2	192,145	1/2	176,532	1/2	160,854	1/2	145,153	1/2	129,451	1/2	113,746	1/2	98,041		
3/4	3/4	3/4	207,434	3/4	191,820	3/4	176,207	3/4	160,527	3/4	144,825	3/4	129,124	3/4	113,419	3/4	97,714		
11	11	11	207,108	11	191,495	11	175,881	11	160,199	11	144,498	11	128,797	11	113,092	11	97,387		
1/4	1/4	1/4	206,783	1/4	191,170	1/4	175,556	1/4	159,872	1/4	144,171	1/4	128,469	1/4	112,765	1/4	97,060		
1/2	1/2	1/2	206,458	1/2	190,844	1/2	175,231	1/2	159,545	1/2	143,844	1/2	128,142	1/2	112,437	1/2	96,733		
3/4	3/4	3/4	206,132	3/4	190,519	3/4	174,905	3/4	159,218	3/4	143,517	3/4	127,815	3/4	112,110	3/4	96,405		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "CBC 305"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	96,078	0	80,373	0	64,669	0	48,964	0	33,299	0	17,809	0	3,821	0		0		0	
1/4	95,751	1/4	80,046	1/4	64,341	1/4	48,637	1/4	32,972	1/4	17,498	1/4	3,552	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,424	1/2	79,719	1/2	64,014	1/2	48,310	1/2	32,646	1/2	17,187	1/2	3,282	1/2	1/2	1/2	1/2	1/2	1/2
3/4	95,097	3/4	79,392	3/4	63,687	3/4	47,982	3/4	32,319	3/4	16,876	3/4	3,013	3/4	3/4	3/4	3/4	3/4	3/4
1	94,769	1	79,065	1	63,360	1	47,656	1	31,992	1	16,568	1	2,753	1	1	1	1	1	1
1/4	94,442	1/4	78,737	1/4	63,033	1/4	47,329	1/4	31,666	1/4	16,260	1/4	2,492	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,115	1/2	78,410	1/2	62,705	1/2	47,002	1/2	31,339	1/2	15,953	1/2	2,232	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,788	3/4	78,083	3/4	62,378	3/4	46,675	3/4	31,012	3/4	15,645	3/4	1,972	3/4	3/4	3/4	3/4	3/4	3/4
2	93,461	2	77,756	2	62,051	2	46,348	2	30,685	2	15,341	2	1,760	2	2	2	2	2	2
1/4	93,134	1/4	77,429	1/4	61,724	1/4	46,022	1/4	30,359	1/4	15,037	1/4	1,547	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,806	1/2	77,102	1/2	61,397	1/2	45,695	1/2	30,032	1/2	14,733	1/2	1,335	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,479	3/4	76,774	3/4	61,070	3/4	45,368	3/4	29,705	3/4	14,428	3/4	1,123	3/4	3/4	3/4	3/4	3/4	3/4
3	92,152	3	76,447	3	60,742	3	45,042	3	29,378	3	14,128	3	988	3	3	3	3	3	3
1/4	91,825	1/4	76,120	1/4	60,415	1/4	44,715	1/4	29,051	1/4	13,827	1/4	854	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,498	1/2	75,793	1/2	60,088	1/2	44,389	1/2	28,724	1/2	13,526	1/2	719	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,170	3/4	75,466	3/4	59,761	3/4	44,062	3/4	28,397	3/4	13,225	3/4	584	3/4	3/4	3/4	3/4	3/4	3/4
4	90,843	4	75,138	4	59,434	4	43,736	4	28,069	4	12,928	4		4	4	4	4	4	4
1/4	90,516	1/4	74,811	1/4	59,106	1/4	43,410	1/4	27,742	1/4	12,631	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,189	1/2	74,484	1/2	58,779	1/2	43,083	1/2	27,415	1/2	12,333	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,862	3/4	74,157	3/4	58,452	3/4	42,757	3/4	27,088	3/4	12,036	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	89,535	5	73,830	5	58,125	5	42,431	5	26,761	5	11,742	5	5	5	5	5	5	5	5
1/4	89,207	1/4	73,503	1/4	57,798	1/4	42,105	1/4	26,433	1/4	11,448	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,880	1/2	73,175	1/2	57,471	1/2	41,779	1/2	26,106	1/2	11,154	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,553	3/4	72,848	3/4	57,143	3/4	41,453	3/4	25,779	3/4	10,860	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	88,226	6	72,521	6	56,816	6	41,127	6	25,453	6	10,569	6	6	6	6	6	6	6	6
1/4	87,899	1/4	72,194	1/4	56,489	1/4	40,801	1/4	25,127	1/4	10,279	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,571	1/2	71,867	1/2	56,162	1/2	40,475	1/2	24,801	1/2	9,988	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,244	3/4	71,539	3/4	55,835	3/4	40,149	3/4	24,475	3/4	9,698	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	86,917	7	71,212	7	55,507	7	39,823	7	24,156	7	9,410	7	7	7	7	7	7	7	7
1/4	86,590	1/4	70,885	1/4	55,180	1/4	39,497	1/4	23,838	1/4	9,123	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,263	1/2	70,558	1/2	54,853	1/2	39,171	1/2	23,520	1/2	8,836	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,936	3/4	70,231	3/4	54,526	3/4	38,845	3/4	23,201	3/4	8,549	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	85,608	8	69,904	8	54,199	8	38,519	8	22,884	8	8,265	8	8	8	8	8	8	8	8
1/4	85,281	1/4	69,576	1/4	53,872	1/4	38,193	1/4	22,567	1/4	7,981	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,954	1/2	69,249	1/2	53,544	1/2	37,867	1/2	22,250	1/2	7,698	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,627	3/4	68,922	3/4	53,217	3/4	37,541	3/4	21,933	3/4	7,414	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	84,300	9	68,595	9	52,890	9	37,215	9	21,612	9	7,134	9	9	9	9	9	9	9	9
1/4	83,972	1/4	68,268	1/4	52,563	1/4	36,889	1/4	21,291	1/4	6,853	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,645	1/2	67,940	1/2	52,236	1/2	36,563	1/2	20,970	1/2	6,573	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,318	3/4	67,613	3/4	51,908	3/4	36,237	3/4	20,648	3/4	6,292	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	82,991	10	67,286	10	51,581	10	35,911	10	20,331	10	6,016	10	10	10	10	10	10	10	10
1/4	82,664	1/4	66,959	1/4	51,254	1/4	35,585	1/4	20,013	1/4	5,739	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,336	1/2	66,632	1/2	50,927	1/2	35,259	1/2	19,695	1/2	5,462	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,009	3/4	66,305	3/4	50,600	3/4	34,933	3/4	19,377	3/4	5,185	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	81,682	11	65,977	11	50,273	11	34,606	11	19,063	11	4,911	11	11	11	11	11	11	11	11
1/4	81,355	1/4	65,650	1/4	49,945	1/4	34,279	1/4	18,748	1/4	4,638	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,028	1/2	65,323	1/2	49,618	1/2	33,953	1/2	18,434	1/2	4,364	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,701	3/4	64,996	3/4	49,291	3/4	33,626	3/4	18,120	3/4	4,091	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/12/2012 CL - SW
CALCULATED: 11/13/2012 CL
PRINTED: 11/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	201,818	0	186,751	0	171,683	0	156,544	0	141,389	0	126,233	0	111,074		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	201,504	1/4	186,437	1/4	171,369	1/4	156,228	1/4	141,073	1/4	125,917	1/4	110,758		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	201,190	1/2	186,123	1/2	171,055	1/2	155,912	1/2	140,757	1/2	125,601	1/2	110,442		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	214,890	3/4	200,876	3/4	185,809	3/4	170,741	3/4	155,596	3/4	140,441	3/4	125,285	3/4	110,126
1		1		1		1	214,731	1	200,562	1	185,495	1	170,427	1	155,281	1	140,126	1	124,969	1	109,811
1/4	1/4	1/4	1/4	1/4	1/4	1/4	214,572	1/4	200,248	1/4	185,181	1/4	170,114	1/4	154,965	1/4	139,810	1/4	124,654	1/4	109,495
1/2	1/2	1/2	1/2	1/2	1/2	1/2	214,360	1/2	199,935	1/2	184,867	1/2	169,799	1/2	154,649	1/2	139,494	1/2	124,338	1/2	109,179
3/4	3/4	3/4	3/4	3/4	3/4	3/4	214,148	3/4	199,621	3/4	184,553	3/4	169,485	3/4	154,333	3/4	139,178	3/4	124,022	3/4	108,863
2		2		2		2	213,936	2	199,307	2	184,239	2	169,171	2	154,018	2	138,863	2	123,706	2	108,547
1/4	1/4	1/4	1/4	1/4	1/4	1/4	213,724	1/4	198,993	1/4	183,925	1/4	168,857	1/4	153,702	1/4	138,547	1/4	123,390	1/4	108,232
1/2	1/2	1/2	1/2	1/2	1/2	1/2	213,461	1/2	198,679	1/2	183,611	1/2	168,541	1/2	153,386	1/2	138,231	1/2	123,075	1/2	107,916
3/4	3/4	3/4	3/4	3/4	3/4	3/4	213,198	3/4	198,365	3/4	183,298	3/4	168,226	3/4	153,071	3/4	137,916	3/4	122,759	3/4	107,600
3		3		3		3	212,934	3	198,051	3	182,984	3	167,910	3	152,755	3	137,600	3	122,443	3	107,284
1/4	1/4	1/4	1/4	1/4	1/4	1/4	212,671	1/4	197,737	1/4	182,670	1/4	167,594	1/4	152,439	1/4	137,284	1/4	122,127	1/4	106,968
1/2	1/2	1/2	1/2	1/2	1/2	1/2	212,369	1/2	197,423	1/2	182,356	1/2	167,278	1/2	152,123	1/2	136,968	1/2	121,811	1/2	106,653
3/4	3/4	3/4	3/4	3/4	3/4	3/4	212,066	3/4	197,109	3/4	182,042	3/4	166,963	3/4	151,808	3/4	136,653	3/4	121,496	3/4	106,337
4		4		4		4	211,764	4	196,795	4	181,728	4	166,647	4	151,492	4	136,337	4	121,180	4	106,021
1/4	1/4	1/4	1/4	1/4	1/4	1/4	211,462	1/4	196,482	1/4	181,414	1/4	166,331	1/4	151,176	1/4	136,021	1/4	120,864	1/4	105,705
1/2	1/2	1/2	1/2	1/2	1/2	1/2	211,154	1/2	196,168	1/2	181,100	1/2	166,015	1/2	150,860	1/2	135,705	1/2	120,548	1/2	105,389
3/4	3/4	3/4	3/4	3/4	3/4	3/4	210,846	3/4	195,854	3/4	180,786	3/4	165,700	3/4	150,545	3/4	135,390	3/4	120,232	3/4	105,074
5		5		5		5	210,538	5	195,540	5	180,472	5	165,384	5	150,229	5	135,074	5	119,916	5	104,758
1/4	1/4	1/4	1/4	1/4	1/4	1/4	210,230	1/4	195,226	1/4	180,159	1/4	165,068	1/4	149,913	1/4	134,758	1/4	119,601	1/4	104,442
1/2	1/2	1/2	1/2	1/2	1/2	1/2	209,921	1/2	194,912	1/2	179,845	1/2	164,753	1/2	149,598	1/2	134,443	1/2	119,285	1/2	104,126
3/4	3/4	3/4	3/4	3/4	3/4	3/4	209,612	3/4	194,598	3/4	179,531	3/4	164,437	3/4	149,282	3/4	134,127	3/4	118,969	3/4	103,810
6		6		6		6	209,303	6	194,284	6	179,217	6	164,121	6	148,966	6	133,811	6	118,653	6	103,494
1/4	1/4	1/4	1/4	1/4	1/4	1/4	208,994	1/4	193,970	1/4	178,903	1/4	163,805	1/4	148,650	1/4	133,495	1/4	118,337	1/4	103,179
1/2	1/2	1/2	1/2	1/2	1/2	1/2	208,684	1/2	193,656	1/2	178,589	1/2	163,490	1/2	148,335	1/2	133,180	1/2	118,022	1/2	102,863
3/4	3/4	3/4	3/4	3/4	3/4	3/4	208,375	3/4	193,343	3/4	178,275	3/4	163,174	3/4	148,019	3/4	132,864	3/4	117,706	3/4	102,547
7		7		7		7	208,065	7	193,029	7	177,961	7	162,858	7	147,703	7	132,548	7	117,390	7	102,231
1/4	1/4	1/4	1/4	1/4	1/4	1/4	207,755	1/4	192,715	1/4	177,647	1/4	162,542	1/4	147,387	1/4	132,232	1/4	117,074	1/4	101,915
1/2	1/2	1/2	1/2	1/2	1/2	1/2	207,445	1/2	192,401	1/2	177,333	1/2	162,227	1/2	147,072	1/2	131,917	1/2	116,758	1/2	101,600
3/4	3/4	3/4	3/4	3/4	3/4	3/4	207,135	3/4	192,087	3/4	177,019	3/4	161,911	3/4	146,756	3/4	131,601	3/4	116,443	3/4	101,284
8		8		8		8	206,824	8	191,773	8	176,706	8	161,595	8	146,440	8	131,285	8	116,127	8	100,968
1/4	1/4	1/4	1/4	1/4	1/4	1/4	206,514	1/4	191,459	1/4	176,392	1/4	161,280	1/4	146,124	1/4	130,969	1/4	115,811	1/4	100,652
1/2	1/2	1/2	1/2	1/2	1/2	1/2	206,203	1/2	191,145	1/2	176,078	1/2	160,964	1/2	145,809	1/2	130,654	1/2	115,495	1/2	100,336
3/4	3/4	3/4	3/4	3/4	3/4	3/4	205,893	3/4	190,831	3/4	175,764	3/4	160,648	3/4	145,493	3/4	130,338	3/4	115,179	3/4	100,021
9		9		9		9	205,582	9	190,517	9	175,450	9	160,332	9	145,177	9	130,022	9	114,864	9	99,705
1/4	1/4	1/4	1/4	1/4	1/4	1/4	205,271	1/4	190,203	1/4	175,136	1/4	160,017	1/4	144,862	1/4	129,707	1/4	114,548	1/4	99,389
1/2	1/2	1/2	1/2	1/2	1/2	1/2	204,957	1/2	189,890	1/2	174,822	1/2	159,701	1/2	144,546	1/2	129,391	1/2	114,232	1/2	99,073
3/4	3/4	3/4	3/4	3/4	3/4	3/4	204,643	3/4	189,576	3/4	174,508	3/4	159,385	3/4	144,230	3/4	129,075	3/4	113,916	3/4	98,757
10		10		10		10	204,329	10	189,262	10	174,194	10	159,069	10	143,914	10	128,759	10	113,600	10	98,442
1/4	1/4	1/4	1/4	1/4	1/4	1/4	204,015	1/4	188,948	1/4	173,880	1/4	158,754	1/4	143,599	1/4	128,443	1/4	113,285	1/4	98,126
1/2	1/2	1/2	1/2	1/2	1/2	1/2	203,701	1/2	188,634	1/2	173,567	1/2	158,438	1/2	143,283	1/2	128,127	1/2	112,969	1/2	97,810
3/4	3/4	3/4	3/4	3/4	3/4	3/4	203,387	3/4	188,320	3/4	173,253	3/4	158,122	3/4	142,967	3/4	127,812	3/4	112,653	3/4	97,494
11		11		11		11	203,074	11	188,006	11	172,939	11	157,806	11	142,651	11	127,496	11	112,337	11	97,178
1/4	1/4	1/4	1/4	1/4	1/4	1/4	202,760	1/4	187,692	1/4	172,625	1/4	157,491	1/4	142,336	1/4	127,180	1/4	112,021	1/4	96,863
1/2	1/2	1/2	1/2	1/2	1/2	1/2	202,446	1/2	187,378	1/2	172,311	1/2	157,175	1/2	142,020	1/2	126,864	1/2	111,705	1/2	96,547
3/4	3/4	3/4	3/4	3/4	3/4	3/4	202,132	3/4	187,064	3/4	171,997	3/4	156,859	3/4	141,704	3/4	126,548	3/4	111,390	3/4	96,231

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "CBC 305"

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	95,915	0	80,756	0	65,598	0	50,439	0	35,540	0	20,381	0	5,223	0		0		0	
1/4	95,599	1/4	80,441	1/4	65,282	1/4	50,123	1/4	35,224	1/4	20,066	1/4	4,908	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,283	1/2	80,125	1/2	64,966	1/2	49,808	1/2	34,908	1/2	19,750	1/2	4,593	1/2	1/2	1/2	1/2	1/2	1/2
3/4	94,968	3/4	79,809	3/4	64,650	3/4	49,493	3/4	34,592	3/4	19,434	3/4	4,277	3/4	3/4	3/4	3/4	3/4	3/4
1	94,652	1	79,493	1	64,334	1	49,178	1	34,277	1	19,118	1	3,962	1	1	1	1	1	1
1/4	94,336	1/4	79,177	1/4	64,019	1/4	48,863	1/4	33,961	1/4	18,802	1/4	3,647	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,020	1/2	78,862	1/2	63,703	1/2	48,553	1/2	33,645	1/2	18,487	1/2	3,337	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,704	3/4	78,546	3/4	63,387	3/4	48,244	3/4	33,329	3/4	18,171	3/4	3,028	3/4	3/4	3/4	3/4	3/4	3/4
2	93,389	2	78,230	2	63,071	2	47,934	2	33,013	2	17,855	2	2,718	2	2	2	2	2	2
1/4	93,073	1/4	77,914	1/4	62,755	1/4	47,625	1/4	32,698	1/4	17,539	1/4	2,409	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,757	1/2	77,598	1/2	62,440	1/2	47,315	1/2	32,382	1/2	17,223	1/2	2,142	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,441	3/4	77,282	3/4	62,124	3/4	47,005	3/4	32,066	3/4	16,908	3/4	1,876	3/4	3/4	3/4	3/4	3/4	3/4
3	92,125	3	76,967	3	61,808	3	46,696	3	31,750	3	16,592	3	1,609	3	3	3	3	3	3
1/4	91,810	1/4	76,651	1/4	61,492	1/4	46,386	1/4	31,434	1/4	16,276	1/4	1,343	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,494	1/2	76,335	1/2	61,176	1/2	46,077	1/2	31,119	1/2	15,960	1/2	1,156	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,178	3/4	76,019	3/4	60,860	3/4	45,768	3/4	30,803	3/4	15,644	3/4	968	3/4	3/4	3/4	3/4	3/4	3/4
4	90,862	4	75,703	4	60,545	4	45,459	4	30,487	4	15,329	4	781	4	4	4	4	4	4
1/4	90,546	1/4	75,388	1/4	60,229	1/4	45,149	1/4	30,171	1/4	15,013	1/4	593	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,231	1/2	75,072	1/2	59,913	1/2	44,840	1/2	29,855	1/2	14,697	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,915	3/4	74,756	3/4	59,597	3/4	44,531	3/4	29,540	3/4	14,381	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	89,599	5	74,440	5	59,281	5	44,222	5	29,224	5	14,065	5		5	5	5	5	5	5
1/4	89,283	1/4	74,124	1/4	58,966	1/4	43,912	1/4	28,908	1/4	13,750	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,967	1/2	73,809	1/2	58,650	1/2	43,603	1/2	28,592	1/2	13,434	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,652	3/4	73,493	3/4	58,334	3/4	43,294	3/4	28,276	3/4	13,118	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	88,336	6	73,177	6	58,018	6	42,985	6	27,961	6	12,802	6		6	6	6	6	6	6
1/4	88,020	1/4	72,861	1/4	57,702	1/4	42,675	1/4	27,645	1/4	12,486	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,704	1/2	72,545	1/2	57,387	1/2	42,366	1/2	27,329	1/2	12,171	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,388	3/4	72,230	3/4	57,071	3/4	42,057	3/4	27,013	3/4	11,855	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	87,073	7	71,914	7	56,755	7	41,748	7	26,697	7	11,539	7		7	7	7	7	7	7
1/4	86,757	1/4	71,598	1/4	56,439	1/4	41,438	1/4	26,382	1/4	11,223	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,441	1/2	71,282	1/2	56,123	1/2	41,129	1/2	26,066	1/2	10,907	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,125	3/4	70,966	3/4	55,808	3/4	40,820	3/4	25,750	3/4	10,592	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	85,809	8	70,651	8	55,492	8	40,511	8	25,434	8	10,276	8		8	8	8	8	8	8
1/4	85,493	1/4	70,335	1/4	55,176	1/4	40,201	1/4	25,118	1/4	9,960	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,178	1/2	70,019	1/2	54,860	1/2	39,892	1/2	24,803	1/2	9,644	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,862	3/4	69,703	3/4	54,544	3/4	39,583	3/4	24,487	3/4	9,328	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	84,546	9	69,387	9	54,229	9	39,274	9	24,171	9	9,013	9		9	9	9	9	9	9
1/4	84,230	1/4	69,071	1/4	53,913	1/4	38,964	1/4	23,855	1/4	8,697	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,914	1/2	68,756	1/2	53,597	1/2	38,655	1/2	23,539	1/2	8,381	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,599	3/4	68,440	3/4	53,281	3/4	38,346	3/4	23,224	3/4	8,065	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	83,283	10	68,124	10	52,965	10	38,037	10	22,908	10	7,749	10		10	10	10	10	10	10
1/4	82,967	1/4	67,808	1/4	52,649	1/4	37,727	1/4	22,592	1/4	7,434	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,651	1/2	67,492	1/2	52,334	1/2	37,417	1/2	22,276	1/2	7,118	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,335	3/4	67,177	3/4	52,018	3/4	37,107	3/4	21,960	3/4	6,802	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	82,020	11	66,861	11	51,702	11	36,797	11	21,645	11	6,486	11		11	11	11	11	11	11
1/4	81,704	1/4	66,545	1/4	51,386	1/4	36,487	1/4	21,329	1/4	6,171	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,388	1/2	66,229	1/2	51,070	1/2	36,171	1/2	21,013	1/2	5,855	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,072	3/4	65,913	3/4	50,755	3/4	35,856	3/4	20,697	3/4	5,539	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/12/2012 CL - SW
RECALCULATED: 11/21/2012 CL
REPRINTED: 11/21/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0	201,450	0	186,381	0	171,311	0	156,168	0	141,011	0	125,853	0	110,693		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	201,136	1/4	186,067	1/4	170,997	1/4	155,852	1/4	140,696	1/4	125,538	1/4	110,377		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	214,838	1/2	200,822	1/2	185,753	1/2	170,684	1/2	155,537	1/2	140,380	1/2	125,222	1/2	110,061
3/4	3/4	3/4	3/4	3/4	3/4	3/4	214,679	3/4	200,508	3/4	185,439	3/4	170,370	3/4	155,221	3/4	140,064	3/4	124,906	3/4	109,745
1		1		1		1	214,519	1	200,194	1	185,125	1	170,056	1	154,905	1	139,748	1	124,590	1	109,429
1/4	1/4	1/4	1/4	1/4	1/4	1/4	214,307	1/4	199,880	1/4	184,811	1/4	169,741	1/4	154,589	1/4	139,433	1/4	124,274	1/4	109,114
1/2	1/2	1/2	1/2	1/2	1/2	1/2	214,096	1/2	199,566	1/2	184,497	1/2	169,427	1/2	154,274	1/2	139,117	1/2	123,958	1/2	108,798
3/4	3/4	3/4	3/4	3/4	3/4	3/4	213,884	3/4	199,252	3/4	184,183	3/4	169,113	3/4	153,958	3/4	138,801	3/4	123,643	3/4	108,482
2		2		2		2	213,672	2	198,938	2	183,869	2	168,799	2	153,642	2	138,485	2	123,327	2	108,166
1/4	1/4	1/4	1/4	1/4	1/4	1/4	213,408	1/4	198,625	1/4	183,555	1/4	168,483	1/4	153,326	1/4	138,169	1/4	123,011	1/4	107,850
1/2	1/2	1/2	1/2	1/2	1/2	1/2	213,145	1/2	198,311	1/2	183,241	1/2	168,167	1/2	153,011	1/2	137,854	1/2	122,695	1/2	107,534
3/4	3/4	3/4	3/4	3/4	3/4	3/4	212,882	3/4	197,997	3/4	182,927	3/4	167,852	3/4	152,695	3/4	137,538	3/4	122,379	3/4	107,219
3		3		3		3	212,618	3	197,683	3	182,613	3	167,536	3	152,379	3	137,222	3	122,063	3	106,903
1/4	1/4	1/4	1/4	1/4	1/4	1/4	212,316	1/4	197,369	1/4	182,299	1/4	167,220	1/4	152,063	1/4	136,906	1/4	121,747	1/4	106,587
1/2	1/2	1/2	1/2	1/2	1/2	1/2	212,014	1/2	197,055	1/2	181,986	1/2	166,904	1/2	151,747	1/2	136,591	1/2	121,432	1/2	106,271
3/4	3/4	3/4	3/4	3/4	3/4	3/4	211,711	3/4	196,741	3/4	181,672	3/4	166,589	3/4	151,432	3/4	136,275	3/4	121,116	3/4	105,955
4		4		4		4	211,409	4	196,427	4	181,358	4	166,273	4	151,116	4	135,959	4	120,800	4	105,639
1/4	1/4	1/4	1/4	1/4	1/4	1/4	211,101	1/4	196,113	1/4	181,044	1/4	165,957	1/4	150,800	1/4	135,643	1/4	120,484	1/4	105,323
1/2	1/2	1/2	1/2	1/2	1/2	1/2	210,793	1/2	195,799	1/2	180,730	1/2	165,641	1/2	150,484	1/2	135,328	1/2	120,168	1/2	105,008
3/4	3/4	3/4	3/4	3/4	3/4	3/4	210,485	3/4	195,485	3/4	180,416	3/4	165,326	3/4	150,169	3/4	135,012	3/4	119,852	3/4	104,692
5		5		5		5	210,177	5	195,171	5	180,102	5	165,010	5	149,853	5	134,696	5	119,537	5	104,376
1/4	1/4	1/4	1/4	1/4	1/4	1/4	209,868	1/4	194,857	1/4	179,788	1/4	164,694	1/4	149,537	1/4	134,380	1/4	119,221	1/4	104,060
1/2	1/2	1/2	1/2	1/2	1/2	1/2	209,559	1/2	194,543	1/2	179,474	1/2	164,378	1/2	149,221	1/2	134,064	1/2	118,905	1/2	103,744
3/4	3/4	3/4	3/4	3/4	3/4	3/4	209,250	3/4	194,229	3/4	179,160	3/4	164,062	3/4	148,906	3/4	133,749	3/4	118,589	3/4	103,428
6		6		6		6	208,941	6	193,915	6	178,846	6	163,747	6	148,590	6	133,433	6	118,273	6	103,113
1/4	1/4	1/4	1/4	1/4	1/4	1/4	208,631	1/4	193,601	1/4	178,532	1/4	163,431	1/4	148,274	1/4	133,117	1/4	117,957	1/4	102,797
1/2	1/2	1/2	1/2	1/2	1/2	1/2	208,321	1/2	193,287	1/2	178,218	1/2	163,115	1/2	147,958	1/2	132,801	1/2	117,641	1/2	102,481
3/4	3/4	3/4	3/4	3/4	3/4	3/4	208,012	3/4	192,974	3/4	177,904	3/4	162,799	3/4	147,642	3/4	132,486	3/4	117,326	3/4	102,165
7		7		7		7	207,702	7	192,660	7	177,590	7	162,484	7	147,327	7	132,170	7	117,010	7	101,849
1/4	1/4	1/4	1/4	1/4	1/4	1/4	207,392	1/4	192,346	1/4	177,276	1/4	162,168	1/4	147,011	1/4	131,854	1/4	116,694	1/4	101,533
1/2	1/2	1/2	1/2	1/2	1/2	1/2	207,081	1/2	192,032	1/2	176,962	1/2	161,852	1/2	146,695	1/2	131,538	1/2	116,378	1/2	101,217
3/4	3/4	3/4	3/4	3/4	3/4	3/4	206,771	3/4	191,718	3/4	176,648	3/4	161,536	3/4	146,379	3/4	131,223	3/4	116,062	3/4	100,902
8		8		8		8	206,461	8	191,404	8	176,335	8	161,221	8	146,064	8	130,907	8	115,746	8	100,586
1/4	1/4	1/4	1/4	1/4	1/4	1/4	206,150	1/4	191,090	1/4	176,021	1/4	160,905	1/4	145,748	1/4	130,591	1/4	115,431	1/4	100,270
1/2	1/2	1/2	1/2	1/2	1/2	1/2	205,839	1/2	190,776	1/2	175,707	1/2	160,589	1/2	145,432	1/2	130,275	1/2	115,115	1/2	99,954
3/4	3/4	3/4	3/4	3/4	3/4	3/4	205,528	3/4	190,462	3/4	175,393	3/4	160,273	3/4	145,116	3/4	129,959	3/4	114,799	3/4	99,638
9		9		9		9	205,217	9	190,148	9	175,079	9	159,957	9	144,801	9	129,644	9	114,483	9	99,322
1/4	1/4	1/4	1/4	1/4	1/4	1/4	204,903	1/4	189,834	1/4	174,765	1/4	159,642	1/4	144,485	1/4	129,328	1/4	114,167	1/4	99,007
1/2	1/2	1/2	1/2	1/2	1/2	1/2	204,589	1/2	189,520	1/2	174,451	1/2	159,326	1/2	144,169	1/2	129,012	1/2	113,851	1/2	98,691
3/4	3/4	3/4	3/4	3/4	3/4	3/4	204,276	3/4	189,206	3/4	174,137	3/4	159,010	3/4	143,853	3/4	128,696	3/4	113,535	3/4	98,375
10		10		10		10	203,962	10	188,892	10	173,823	10	158,694	10	143,537	10	128,380	10	113,220	10	98,059
1/4	1/4	1/4	1/4	1/4	1/4	1/4	203,648	1/4	188,578	1/4	173,509	1/4	158,379	1/4	143,222	1/4	128,064	1/4	112,904	1/4	97,743
1/2	1/2	1/2	1/2	1/2	1/2	1/2	203,334	1/2	188,264	1/2	173,195	1/2	158,063	1/2	142,906	1/2	127,749	1/2	112,588	1/2	97,427
3/4	3/4	3/4	3/4	3/4	3/4	3/4	203,020	3/4	187,950	3/4	172,881	3/4	157,747	3/4	142,590	3/4	127,433	3/4	112,272	3/4	97,111
11		11		11		11	202,706	11	187,637	11	172,567	11	157,431	11	142,274	11	127,117	11	111,956	11	96,796
1/4	1/4	1/4	1/4	1/4	1/4	1/4	202,392	1/4	187,323	1/4	172,253	1/4	157,116	1/4	141,959	1/4	126,801	1/4	111,640	1/4	96,480
1/2	1/2	1/2	1/2	1/2	1/2	1/2	202,078	1/2	187,009	1/2	171,939	1/2	156,800	1/2	141,643	1/2	126,485	1/2	111,325	1/2	96,164
3/4	3/4	3/4	3/4	3/4	3/4	3/4	201,764	3/4	186,695	3/4	171,625	3/4	156,484	3/4	141,327	3/4	126,169	3/4	111,009	3/4	95,848

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "CBC 305"

2 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	95,532	0	80,372	0	65,211	0	50,050	0	35,202	0	20,068	0	4,908	0		0		0	
1/4	95,216	1/4	80,056	1/4	64,895	1/4	49,735	1/4	34,893	1/4	19,752	1/4	4,593	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,901	1/2	79,740	1/2	64,579	1/2	49,419	1/2	34,583	1/2	19,436	1/2	4,278	1/2	1/2	1/2	1/2	1/2	1/2
3/4	94,585	3/4	79,424	3/4	64,263	3/4	49,104	3/4	34,274	3/4	19,121	3/4	3,963	3/4	3/4	3/4	3/4	3/4	3/4
1	94,269	1	79,108	1	63,948	1	48,788	1	33,965	1	18,805	1	3,647	1	1	1	1	1	1
1/4	93,953	1/4	78,792	1/4	63,632	1/4	48,474	1/4	33,649	1/4	18,489	1/4	3,338	1/4	1/4	1/4	1/4	1/4	1/4
1/2	93,637	1/2	78,477	1/2	63,316	1/2	48,160	1/2	33,333	1/2	18,173	1/2	3,028	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,321	3/4	78,161	3/4	63,000	3/4	47,846	3/4	33,017	3/4	17,857	3/4	2,719	3/4	3/4	3/4	3/4	3/4	3/4
2	93,005	2	77,845	2	62,684	2	47,532	2	32,702	2	17,541	2	2,409	2	2	2	2	2	2
1/4	92,690	1/4	77,529	1/4	62,368	1/4	47,219	1/4	32,386	1/4	17,226	1/4	2,143	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,374	1/2	77,213	1/2	62,053	1/2	46,906	1/2	32,070	1/2	16,910	1/2	1,876	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,058	3/4	76,897	3/4	61,737	3/4	46,593	3/4	31,754	3/4	16,594	3/4	1,610	3/4	3/4	3/4	3/4	3/4	3/4
3	91,742	3	76,581	3	61,421	3	46,280	3	31,438	3	16,278	3	1,343	3	3	3	3	3	3
1/4	91,426	1/4	76,266	1/4	61,105	1/4	45,972	1/4	31,122	1/4	15,962	1/4	1,156	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,110	1/2	75,950	1/2	60,789	1/2	45,664	1/2	30,807	1/2	15,646	1/2	968	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,795	3/4	75,634	3/4	60,473	3/4	45,357	3/4	30,491	3/4	15,331	3/4	781	3/4	3/4	3/4	3/4	3/4	3/4
4	90,479	4	75,318	4	60,157	4	45,049	4	30,175	4	15,015	4	593	4	4	4	4	4	4
1/4	90,163	1/4	75,002	1/4	59,842	1/4	44,741	1/4	29,859	1/4	14,699	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,847	1/2	74,686	1/2	59,526	1/2	44,434	1/2	29,543	1/2	14,383	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,531	3/4	74,371	3/4	59,210	3/4	44,126	3/4	29,227	3/4	14,067	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	89,215	5	74,055	5	58,894	5	43,819	5	28,912	5	13,751	5	5	5	5	5	5	5	5
1/4	88,899	1/4	73,739	1/4	58,578	1/4	43,511	1/4	28,596	1/4	13,435	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,584	1/2	73,423	1/2	58,262	1/2	43,203	1/2	28,280	1/2	13,120	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,268	3/4	73,107	3/4	57,947	3/4	42,896	3/4	27,964	3/4	12,804	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	87,952	6	72,791	6	57,631	6	42,588	6	27,648	6	12,488	6	6	6	6	6	6	6	6
1/4	87,636	1/4	72,475	1/4	57,315	1/4	42,280	1/4	27,332	1/4	12,172	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,320	1/2	72,160	1/2	56,999	1/2	41,973	1/2	27,016	1/2	11,856	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,004	3/4	71,844	3/4	56,683	3/4	41,665	3/4	26,701	3/4	11,540	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	86,689	7	71,528	7	56,367	7	41,358	7	26,385	7	11,225	7	7	7	7	7	7	7	7
1/4	86,373	1/4	71,212	1/4	56,051	1/4	41,050	1/4	26,069	1/4	10,909	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,057	1/2	70,896	1/2	55,736	1/2	40,742	1/2	25,753	1/2	10,593	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,741	3/4	70,580	3/4	55,420	3/4	40,435	3/4	25,437	3/4	10,277	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	85,425	8	70,265	8	55,104	8	40,127	8	25,121	8	9,961	8	8	8	8	8	8	8	8
1/4	85,109	1/4	69,949	1/4	54,788	1/4	39,820	1/4	24,806	1/4	9,645	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,793	1/2	69,633	1/2	54,472	1/2	39,512	1/2	24,490	1/2	9,330	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,478	3/4	69,317	3/4	54,156	3/4	39,204	3/4	24,174	3/4	9,014	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	84,162	9	69,001	9	53,841	9	38,897	9	23,858	9	8,698	9	9	9	9	9	9	9	9
1/4	83,846	1/4	68,685	1/4	53,525	1/4	38,589	1/4	23,542	1/4	8,382	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,530	1/2	68,369	1/2	53,209	1/2	38,281	1/2	23,226	1/2	8,066	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,214	3/4	68,054	3/4	52,893	3/4	37,974	3/4	22,911	3/4	7,750	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	82,898	10	67,738	10	52,577	10	37,666	10	22,595	10	7,435	10	10	10	10	10	10	10	10
1/4	82,583	1/4	67,422	1/4	52,261	1/4	37,358	1/4	22,279	1/4	7,119	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,267	1/2	67,106	1/2	51,945	1/2	37,051	1/2	21,963	1/2	6,803	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,951	3/4	66,790	3/4	51,630	3/4	36,743	3/4	21,647	3/4	6,487	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	81,635	11	66,474	11	51,314	11	36,435	11	21,331	11	6,171	11	11	11	11	11	11	11	11
1/4	81,319	1/4	66,159	1/4	50,998	1/4	36,127	1/4	21,016	1/4	5,856	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,003	1/2	65,843	1/2	50,682	1/2	35,819	1/2	20,700	1/2	5,540	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,687	3/4	65,527	3/4	50,366	3/4	35,510	3/4	20,384	3/4	5,224	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/12/2012 CL - SW
RECALCULATED: 11/21/2012 CL
REPRINTED: 11/21/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	205,823	0	194,722	0	182,790	0	170,857	0	158,860	0	144,206	0	128,637	0	113,068		
1/4	1/4	1/4	205,697	1/4	194,474	1/4	182,541	1/4	170,608	1/4	158,607	1/4	143,881	1/4	128,313	1/4	112,744		
1/2	1/2	1/2	205,571	1/2	194,225	1/2	182,292	1/2	170,360	1/2	158,354	1/2	143,557	1/2	127,989	1/2	112,419		
3/4	3/4	3/4	205,403	3/4	193,977	3/4	182,044	3/4	170,111	3/4	158,092	3/4	143,233	3/4	127,664	3/4	112,095		
1	1	1	205,235	1	193,728	1	181,795	1	169,862	1	157,830	1	142,908	1	127,340	1	111,771		
1/4	1/4	1/4	205,067	1/4	193,479	1/4	181,547	1/4	169,613	1/4	157,567	1/4	142,584	1/4	127,016	1/4	111,447		
1/2	1/2	1/2	204,899	1/2	193,231	1/2	181,298	1/2	169,364	1/2	157,305	1/2	142,260	1/2	126,691	1/2	111,123		
3/4	3/4	3/4	204,691	3/4	192,982	3/4	181,049	3/4	169,114	3/4	157,030	3/4	141,935	3/4	126,367	3/4	110,799		
2	2	2	204,482	2	192,734	2	180,801	2	168,865	2	156,755	2	141,611	2	126,042	2	110,475		
1/4	1/4	1/4	204,274	1/4	192,485	1/4	180,552	1/4	168,615	1/4	156,481	1/4	141,287	1/4	125,718	1/4	110,151		
1/2	1/2	1/2	204,065	1/2	192,236	1/2	180,304	1/2	168,365	1/2	156,206	1/2	140,962	1/2	125,394	1/2	109,827		
3/4	3/4	3/4	203,825	3/4	191,988	3/4	180,055	3/4	168,115	3/4	155,918	3/4	140,638	3/4	125,069	3/4	109,503		
3	3	3	203,586	3	191,739	3	179,806	3	167,865	3	155,631	3	140,314	3	124,745	3	109,178		
1/4	1/4	1/4	203,347	1/4	191,491	1/4	179,558	1/4	167,615	1/4	155,343	1/4	139,989	1/4	124,421	1/4	108,854		
1/2	1/2	1/2	203,107	1/2	191,242	1/2	179,309	1/2	167,365	1/2	155,056	1/2	139,665	1/2	124,096	1/2	108,530		
3/4	3/4	3/4	202,863	3/4	190,993	3/4	179,061	3/4	167,115	3/4	154,756	3/4	139,341	3/4	123,772	3/4	108,206		
4	4	4	202,619	4	190,745	4	178,812	4	166,865	4	154,456	4	139,016	4	123,448	4	107,882		
1/4	1/4	1/4	202,375	1/4	190,496	1/4	178,563	1/4	166,615	1/4	154,156	1/4	138,692	1/4	123,123	1/4	107,558		
1/2	1/2	1/2	202,132	1/2	190,248	1/2	178,315	1/2	166,365	1/2	153,856	1/2	138,368	1/2	122,799	1/2	107,234		
3/4	3/4	3/4	201,887	3/4	189,999	3/4	178,066	3/4	166,115	3/4	153,544	3/4	138,043	3/4	122,475	3/4	106,911		
5	5	5	201,642	5	189,750	5	177,818	5	165,865	5	153,231	5	137,719	5	122,150	5	106,588		
1/4	1/4	1/4	201,397	1/4	189,502	1/4	177,569	1/4	165,615	1/4	152,919	1/4	137,395	1/4	121,826	1/4	106,265		
1/2	1/2	1/2	201,152	1/2	189,253	1/2	177,320	1/2	165,365	1/2	152,607	1/2	137,070	1/2	121,501	1/2	105,941		
3/4	3/4	3/4	200,907	3/4	189,005	3/4	177,072	3/4	165,115	3/4	152,285	3/4	136,746	3/4	121,177	3/4	105,618		
6	6	6	200,661	6	188,756	6	176,823	6	164,865	6	151,964	6	136,422	6	120,853	6	105,295		
1/4	1/4	1/4	200,416	1/4	188,507	1/4	176,575	1/4	164,615	1/4	151,642	1/4	136,097	1/4	120,528	1/4	104,972		
1/2	1/2	1/2	200,171	1/2	188,259	1/2	176,326	1/2	164,365	1/2	151,320	1/2	135,773	1/2	120,204	1/2	104,648		
3/4	3/4	3/4	199,925	3/4	188,010	3/4	176,077	3/4	164,115	3/4	150,998	3/4	135,449	3/4	119,880	3/4	104,325		
7	7	7	199,679	7	187,762	7	175,829	7	163,865	7	150,675	7	135,124	7	119,555	7	104,001		
1/4	1/4	1/4	199,433	1/4	187,513	1/4	175,580	1/4	163,615	1/4	150,352	1/4	134,800	1/4	119,231	1/4	103,678		
1/2	1/2	1/2	199,188	1/2	187,264	1/2	175,332	1/2	163,365	1/2	150,029	1/2	134,476	1/2	118,907	1/2	103,354		
3/4	3/4	3/4	198,941	3/4	187,016	3/4	175,083	3/4	163,115	3/4	149,706	3/4	134,151	3/4	118,582	3/4	103,031		
8	8	8	198,695	8	186,767	8	174,834	8	162,865	8	149,382	8	133,827	8	118,258	8	102,707		
1/4	1/4	1/4	198,449	1/4	186,519	1/4	174,586	1/4	162,615	1/4	149,059	1/4	133,503	1/4	117,933	1/4	102,384		
1/2	1/2	1/2	198,203	1/2	186,270	1/2	174,337	1/2	162,365	1/2	148,736	1/2	133,178	1/2	117,609	1/2	102,060		
3/4	3/4	3/4	197,954	3/4	186,021	3/4	174,089	3/4	162,115	3/4	148,413	3/4	132,854	3/4	117,285	3/4	101,737		
9	9	9	197,706	9	185,773	9	173,840	9	161,865	9	148,089	9	132,530	9	116,960	9	101,413		
1/4	1/4	1/4	197,457	1/4	185,524	1/4	173,591	1/4	161,615	1/4	147,766	1/4	132,205	1/4	116,636	1/4	101,090		
1/2	1/2	1/2	197,208	1/2	185,276	1/2	173,343	1/2	161,365	1/2	147,443	1/2	131,881	1/2	116,312	1/2	100,766		
3/4	3/4	3/4	196,960	3/4	185,027	3/4	173,094	3/4	161,115	3/4	147,119	3/4	131,557	3/4	115,987	3/4	100,443		
10	10	10	196,711	10	184,778	10	172,846	10	160,866	10	146,796	10	131,232	10	115,663	10	100,119		
1/4	1/4	1/4	196,463	1/4	184,530	1/4	172,597	1/4	160,616	1/4	146,472	1/4	130,908	1/4	115,339	1/4	99,796		
1/2	1/2	1/2	196,214	1/2	184,281	1/2	172,348	1/2	160,366	1/2	146,149	1/2	130,584	1/2	115,014	1/2	99,472		
3/4	3/4	3/4	195,965	3/4	184,033	3/4	172,100	3/4	160,115	3/4	145,825	3/4	130,259	3/4	114,690	3/4	99,148		
11	11	11	195,717	11	183,784	11	171,851	11	159,865	11	145,502	11	129,935	11	114,365	11	98,825		
1/4	1/4	1/4	195,468	1/4	183,535	1/4	171,603	1/4	159,615	1/4	145,178	1/4	129,610	1/4	114,041	1/4	98,501		
1/2	1/2	1/2	195,220	1/2	183,287	1/2	171,354	1/2	159,365	1/2	144,854	1/2	129,286	1/2	113,717	1/2	98,178		
3/4	3/4	3/4	194,971	3/4	183,038	3/4	171,105	3/4	159,112	3/4	144,530	3/4	128,962	3/4	113,392	3/4	97,854		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 305"

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	97,531	0	81,968	0	66,387	0	50,856	0	35,629	0	20,028	0	4,408	0		0		0	
1/4	97,207	1/4	81,643	1/4	66,062	1/4	50,539	1/4	35,304	1/4	19,703	1/4	4,083	1/4	1/4		1/4		1/4
1/2	96,884	1/2	81,319	1/2	65,738	1/2	50,223	1/2	34,980	1/2	19,377	1/2	3,758	1/2	1/2		1/2		1/2
3/4	96,560	3/4	80,994	3/4	65,413	3/4	49,906	3/4	34,656	3/4	19,052	3/4	3,439	3/4	3/4		3/4		3/4
1	96,237	1	80,670	1	65,089	1	49,590	1	34,331	1	18,726	1	3,120	1	1		1		1
1/4	95,913	1/4	80,345	1/4	64,764	1/4	49,273	1/4	34,007	1/4	18,401	1/4	2,801	1/4	1/4		1/4		1/4
1/2	95,590	1/2	80,020	1/2	64,439	1/2	48,957	1/2	33,682	1/2	18,076	1/2	2,482	1/2	1/2		1/2		1/2
3/4	95,266	3/4	79,696	3/4	64,115	3/4	48,641	3/4	33,358	3/4	17,750	3/4	2,207	3/4	3/4		3/4		3/4
2	94,943	2	79,371	2	63,790	2	48,324	2	33,033	2	17,425	2	1,933	2	2		2		2
1/4	94,619	1/4	79,046	1/4	63,465	1/4	48,008	1/4	32,709	1/4	17,099	1/4	1,658	1/4	1/4		1/4		1/4
1/2	94,296	1/2	78,722	1/2	63,141	1/2	47,691	1/2	32,384	1/2	16,774	1/2	1,384	1/2	1/2		1/2		1/2
3/4	93,972	3/4	78,397	3/4	62,816	3/4	47,375	3/4	32,060	3/4	16,448	3/4	1,190	3/4	3/4		3/4		3/4
3	93,649	3	78,073	3	62,492	3	47,059	3	31,736	3	16,123	3	997	3	3		3		3
1/4	93,325	1/4	77,748	1/4	62,167	1/4	46,743	1/4	31,411	1/4	15,797	1/4	804	1/4	1/4		1/4		1/4
1/2	93,002	1/2	77,423	1/2	61,842	1/2	46,427	1/2	31,087	1/2	15,472	1/2	611	1/2	1/2		1/2		1/2
3/4	92,678	3/4	77,099	3/4	61,518	3/4	46,111	3/4	30,762	3/4	15,146	3/4		3/4	3/4		3/4		3/4
4	92,354	4	76,774	4	61,193	4	45,795	4	30,438	4	14,821	4		4	4		4		4
1/4	92,031	1/4	76,449	1/4	60,868	1/4	45,479	1/4	30,113	1/4	14,495	1/4		1/4	1/4		1/4		1/4
1/2	91,707	1/2	76,125	1/2	60,544	1/2	45,163	1/2	29,789	1/2	14,170	1/2		1/2	1/2		1/2		1/2
3/4	91,382	3/4	75,800	3/4	60,219	3/4	44,847	3/4	29,464	3/4	13,844	3/4		3/4	3/4		3/4		3/4
5	91,058	5	75,475	5	59,894	5	44,531	5	29,140	5	13,519	5		5	5		5		5
1/4	90,733	1/4	75,151	1/4	59,570	1/4	44,215	1/4	28,815	1/4	13,194	1/4		1/4	1/4		1/4		1/4
1/2	90,408	1/2	74,826	1/2	59,245	1/2	43,899	1/2	28,490	1/2	12,868	1/2		1/2	1/2		1/2		1/2
3/4	90,084	3/4	74,502	3/4	58,921	3/4	43,583	3/4	28,165	3/4	12,543	3/4		3/4	3/4		3/4		3/4
6	89,759	6	74,177	6	58,596	6	43,267	6	27,840	6	12,217	6		6	6		6		6
1/4	89,434	1/4	73,852	1/4	58,271	1/4	42,951	1/4	27,514	1/4	11,892	1/4		1/4	1/4		1/4		1/4
1/2	89,110	1/2	73,528	1/2	57,947	1/2	42,635	1/2	27,189	1/2	11,566	1/2		1/2	1/2		1/2		1/2
3/4	88,785	3/4	73,203	3/4	57,622	3/4	42,319	3/4	26,863	3/4	11,241	3/4		3/4	3/4		3/4		3/4
7	88,461	7	72,878	7	57,297	7	42,003	7	26,538	7	10,915	7		7	7		7		7
1/4	88,136	1/4	72,554	1/4	56,973	1/4	41,687	1/4	26,212	1/4	10,590	1/4		1/4	1/4		1/4		1/4
1/2	87,811	1/2	72,229	1/2	56,648	1/2	41,371	1/2	25,887	1/2	10,264	1/2		1/2	1/2		1/2		1/2
3/4	87,487	3/4	71,905	3/4	56,324	3/4	41,055	3/4	25,561	3/4	9,939	3/4		3/4	3/4		3/4		3/4
8	87,162	8	71,580	8	55,999	8	40,739	8	25,236	8	9,613	8		8	8		8		8
1/4	86,837	1/4	71,255	1/4	55,674	1/4	40,423	1/4	24,910	1/4	9,288	1/4		1/4	1/4		1/4		1/4
1/2	86,513	1/2	70,931	1/2	55,350	1/2	40,107	1/2	24,585	1/2	8,962	1/2		1/2	1/2		1/2		1/2
3/4	86,188	3/4	70,606	3/4	55,025	3/4	39,791	3/4	24,259	3/4	8,637	3/4		3/4	3/4		3/4		3/4
9	85,864	9	70,281	9	54,700	9	39,475	9	23,934	9	8,312	9		9	9		9		9
1/4	85,539	1/4	69,957	1/4	54,376	1/4	39,159	1/4	23,608	1/4	7,986	1/4		1/4	1/4		1/4		1/4
1/2	85,214	1/2	69,632	1/2	54,051	1/2	38,843	1/2	23,283	1/2	7,661	1/2		1/2	1/2		1/2		1/2
3/4	84,890	3/4	69,308	3/4	53,728	3/4	38,526	3/4	22,958	3/4	7,335	3/4		3/4	3/4		3/4		3/4
10	84,565	10	68,983	10	53,404	10	38,209	10	22,632	10	7,010	10		10	10		10		10
1/4	84,240	1/4	68,658	1/4	53,080	1/4	37,892	1/4	22,307	1/4	6,684	1/4		1/4	1/4		1/4		1/4
1/2	83,916	1/2	68,334	1/2	52,757	1/2	37,576	1/2	21,981	1/2	6,359	1/2		1/2	1/2		1/2		1/2
3/4	83,591	3/4	68,009	3/4	52,440	3/4	37,251	3/4	21,656	3/4	6,033	3/4		3/4	3/4		3/4		3/4
11	83,267	11	67,685	11	52,123	11	36,927	11	21,330	11	5,708	11		11	11		11		11
1/4	82,942	1/4	67,360	1/4	51,806	1/4	36,602	1/4	21,005	1/4	5,383	1/4		1/4	1/4		1/4		1/4
1/2	82,617	1/2	67,036	1/2	51,490	1/2	36,278	1/2	20,679	1/2	5,057	1/2		1/2	1/2		1/2		1/2
3/4	82,293	3/4	66,711	3/4	51,173	3/4	35,953	3/4	20,354	3/4	4,732	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/12/2012 CL - SW
CALCULATED: 11/13/2012 CL
PRINTED: 11/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 305"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	205,498	0	194,397	0	182,464	0	170,531	0	158,534	0	143,880	0	128,312	0	112,742
1/4	1/4	1/4	1/4	1/4	205,371	1/4	194,148	1/4	182,215	1/4	170,282	1/4	158,281	1/4	143,556	1/4	127,987	1/4	112,418
1/2	1/2	1/2	1/2	1/2	205,245	1/2	193,899	1/2	181,967	1/2	170,034	1/2	158,028	1/2	143,231	1/2	127,663	1/2	112,094
3/4	3/4	3/4	3/4	3/4	205,077	3/4	193,651	3/4	181,718	3/4	169,785	3/4	157,766	3/4	142,907	3/4	127,338	3/4	111,770
1		1		1	204,909	1	193,402	1	181,469	1	169,536	1	157,504	1	142,583	1	127,014	1	111,445
1/4	1/4	1/4	1/4	1/4	204,742	1/4	193,154	1/4	181,221	1/4	169,287	1/4	157,242	1/4	142,258	1/4	126,690	1/4	111,121
1/2	1/2	1/2	1/2	1/2	204,574	1/2	192,905	1/2	180,972	1/2	169,039	1/2	156,979	1/2	141,934	1/2	126,365	1/2	110,797
3/4	3/4	3/4	3/4	3/4	204,365	3/4	192,656	3/4	180,724	3/4	168,789	3/4	156,704	3/4	141,610	3/4	126,041	3/4	110,473
2		2		2	204,156	2	192,408	2	180,475	2	168,539	2	156,430	2	141,285	2	125,717	2	110,149
1/4	1/4	1/4	1/4	1/4	203,948	1/4	192,159	1/4	180,226	1/4	168,289	1/4	156,155	1/4	140,961	1/4	125,392	1/4	109,825
1/2	1/2	1/2	1/2	1/2	203,739	1/2	191,911	1/2	179,978	1/2	168,039	1/2	155,880	1/2	140,637	1/2	125,068	1/2	109,501
3/4	3/4	3/4	3/4	3/4	203,500	3/4	191,662	3/4	179,729	3/4	167,789	3/4	155,592	3/4	140,312	3/4	124,744	3/4	109,177
3		3		3	203,260	3	191,413	3	179,481	3	167,539	3	155,305	3	139,988	3	124,419	3	108,853
1/4	1/4	1/4	1/4	1/4	203,021	1/4	191,165	1/4	179,232	1/4	167,289	1/4	155,018	1/4	139,664	1/4	124,095	1/4	108,529
1/2	1/2	1/2	1/2	1/2	202,781	1/2	190,916	1/2	178,983	1/2	167,039	1/2	154,730	1/2	139,339	1/2	123,771	1/2	108,204
3/4	3/4	3/4	3/4	3/4	202,537	3/4	190,668	3/4	178,735	3/4	166,789	3/4	154,430	3/4	139,015	3/4	123,446	3/4	107,880
4		4		4	202,294	4	190,419	4	178,486	4	166,539	4	154,130	4	138,691	4	123,122	4	107,556
1/4	1/4	1/4	1/4	1/4	202,050	1/4	190,170	1/4	178,238	1/4	166,289	1/4	153,830	1/4	138,366	1/4	122,797	1/4	107,232
1/2	1/2	1/2	1/2	1/2	201,806	1/2	189,922	1/2	177,989	1/2	166,039	1/2	153,530	1/2	138,042	1/2	122,473	1/2	106,909
3/4	3/4	3/4	3/4	3/4	201,561	3/4	189,673	3/4	177,740	3/4	165,789	3/4	153,218	3/4	137,718	3/4	122,149	3/4	106,585
5		5		5	201,316	5	189,425	5	177,492	5	165,539	5	152,905	5	137,393	5	121,824	5	106,262
1/4	1/4	1/4	1/4	1/4	201,071	1/4	189,176	1/4	177,243	1/4	165,289	1/4	152,593	1/4	137,069	1/4	121,500	1/4	105,939
1/2	1/2	1/2	1/2	1/2	200,826	1/2	188,927	1/2	176,995	1/2	165,039	1/2	152,281	1/2	136,745	1/2	121,176	1/2	105,616
3/4	3/4	3/4	3/4	3/4	200,581	3/4	188,679	3/4	176,746	3/4	164,789	3/4	151,959	3/4	136,420	3/4	120,851	3/4	105,292
6		6		6	200,336	6	188,430	6	176,497	6	164,539	6	151,638	6	136,096	6	120,527	6	104,969
1/4	1/4	1/4	1/4	1/4	200,090	1/4	188,182	1/4	176,249	1/4	164,289	1/4	151,316	1/4	135,772	1/4	120,203	1/4	104,646
1/2	1/2	1/2	1/2	1/2	199,845	1/2	187,933	1/2	176,000	1/2	164,039	1/2	150,995	1/2	135,447	1/2	119,878	1/2	104,323
3/4	3/4	3/4	3/4	3/4	199,599	3/4	187,684	3/4	175,752	3/4	163,789	3/4	150,672	3/4	135,123	3/4	119,554	3/4	103,999
7		7		7	199,353	7	187,436	7	175,503	7	163,539	7	150,349	7	134,799	7	119,229	7	103,676
1/4	1/4	1/4	1/4	1/4	199,108	1/4	187,187	1/4	175,254	1/4	163,289	1/4	150,026	1/4	134,474	1/4	118,905	1/4	103,352
1/2	1/2	1/2	1/2	1/2	198,862	1/2	186,939	1/2	175,006	1/2	163,039	1/2	149,703	1/2	134,150	1/2	118,581	1/2	103,028
3/4	3/4	3/4	3/4	3/4	198,616	3/4	186,690	3/4	174,757	3/4	162,789	3/4	149,380	3/4	133,826	3/4	118,256	3/4	102,705
8		8		8	198,369	8	186,441	8	174,509	8	162,539	8	149,057	8	133,501	8	117,932	8	102,381
1/4	1/4	1/4	1/4	1/4	198,123	1/4	186,193	1/4	174,260	1/4	162,290	1/4	148,733	1/4	133,177	1/4	117,608	1/4	102,058
1/2	1/2	1/2	1/2	1/2	197,877	1/2	185,944	1/2	174,011	1/2	162,040	1/2	148,410	1/2	132,853	1/2	117,283	1/2	101,734
3/4	3/4	3/4	3/4	3/4	197,628	3/4	185,696	3/4	173,763	3/4	161,790	3/4	148,087	3/4	132,528	3/4	116,959	3/4	101,411
9		9		9	197,380	9	185,447	9	173,514	9	161,540	9	147,764	9	132,204	9	116,635	9	101,087
1/4	1/4	1/4	1/4	1/4	197,131	1/4	185,198	1/4	173,266	1/4	161,290	1/4	147,440	1/4	131,880	1/4	116,310	1/4	100,764
1/2	1/2	1/2	1/2	1/2	196,883	1/2	184,950	1/2	173,017	1/2	161,040	1/2	147,117	1/2	131,555	1/2	115,986	1/2	100,440
3/4	3/4	3/4	3/4	3/4	196,634	3/4	184,701	3/4	172,768	3/4	160,790	3/4	146,793	3/4	131,231	3/4	115,662	3/4	100,117
10		10		10	196,385	10	184,453	10	172,520	10	160,540	10	146,470	10	130,906	10	115,337	10	99,793
1/4	1/4	1/4	1/4	1/4	196,137	1/4	184,204	1/4	172,271	1/4	160,290	1/4	146,147	1/4	130,582	1/4	115,013	1/4	99,470
1/2	1/2	1/2	1/2	1/2	195,888	1/2	183,955	1/2	172,023	1/2	160,040	1/2	145,823	1/2	130,258	1/2	114,688	1/2	99,146
3/4	3/4	3/4	3/4	3/4	195,640	3/4	183,707	3/4	171,774	3/4	159,790	3/4	145,499	3/4	129,933	3/4	114,364	3/4	98,823
11		11		11	195,391	11	183,458	11	171,525	11	159,539	11	145,176	11	129,609	11	114,040	11	98,499
1/4	1/4	1/4	1/4	1/4	195,142	1/4	183,210	1/4	171,277	1/4	159,289	1/4	144,852	1/4	129,285	1/4	113,715	1/4	98,176
1/2	1/2	1/2	1/2	1/2	194,894	1/2	182,961	1/2	171,028	1/2	159,039	1/2	144,529	1/2	128,960	1/2	113,391	1/2	97,852
3/4	3/4	3/4	3/4	3/4	194,645	3/4	182,712	3/4	170,780	3/4	158,786	3/4	144,204	3/4	128,636	3/4	113,067	3/4	97,529

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 305"

3 STBD 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	97,205	0	81,642	0	66,061	0	50,570	0	35,629	0	20,028	0	4,408	0		0		0	
1/4	96,882	1/4	81,318	1/4	65,736	1/4	50,260	1/4	35,304	1/4	19,703	1/4	4,083	1/4	1/4	1/4	1/4	1/4	1/4
1/2	96,558	1/2	80,993	1/2	65,412	1/2	49,949	1/2	34,980	1/2	19,377	1/2	3,758	1/2	1/2	1/2	1/2	1/2	1/2
3/4	96,234	3/4	80,668	3/4	65,087	3/4	49,639	3/4	34,656	3/4	19,052	3/4	3,439	3/4	3/4	3/4	3/4	3/4	3/4
1	95,911	1	80,344	1	64,763	1	49,329	1	34,331	1	18,726	1	3,120	1	1	1	1	1	1
1/4	95,587	1/4	80,019	1/4	64,438	1/4	49,019	1/4	34,007	1/4	18,401	1/4	2,801	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,264	1/2	79,694	1/2	64,113	1/2	48,708	1/2	33,682	1/2	18,076	1/2	2,482	1/2	1/2	1/2	1/2	1/2	1/2
3/4	94,940	3/4	79,370	3/4	63,789	3/4	48,399	3/4	33,358	3/4	17,750	3/4	2,207	3/4	3/4	3/4	3/4	3/4	3/4
2	94,617	2	79,045	2	63,464	2	48,090	2	33,033	2	17,425	2	1,933	2	2	2	2	2	2
1/4	94,293	1/4	78,721	1/4	63,140	1/4	47,780	1/4	32,709	1/4	17,099	1/4	1,658	1/4	1/4	1/4	1/4	1/4	1/4
1/2	93,970	1/2	78,396	1/2	62,815	1/2	47,471	1/2	32,384	1/2	16,774	1/2	1,384	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,646	3/4	78,071	3/4	62,490	3/4	47,161	3/4	32,060	3/4	16,448	3/4	1,190	3/4	3/4	3/4	3/4	3/4	3/4
3	93,323	3	77,747	3	62,166	3	46,852	3	31,736	3	16,123	3	997	3	3	3	3	3	3
1/4	92,999	1/4	77,422	1/4	61,841	1/4	46,543	1/4	31,411	1/4	15,797	1/4	804	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,676	1/2	77,097	1/2	61,516	1/2	46,234	1/2	31,087	1/2	15,472	1/2	611	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,352	3/4	76,773	3/4	61,192	3/4	45,925	3/4	30,762	3/4	15,146	3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	92,028	4	76,448	4	60,867	4	45,616	4	30,438	4	14,821	4		4	4	4	4	4	4
1/4	91,705	1/4	76,124	1/4	60,543	1/4	45,307	1/4	30,113	1/4	14,495	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,381	1/2	75,799	1/2	60,218	1/2	44,997	1/2	29,789	1/2	14,170	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,056	3/4	75,474	3/4	59,893	3/4	44,688	3/4	29,464	3/4	13,844	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	90,732	5	75,150	5	59,569	5	44,379	5	29,140	5	13,519	5		5	5	5	5	5	5
1/4	90,407	1/4	74,825	1/4	59,244	1/4	44,070	1/4	28,815	1/4	13,194	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,083	1/2	74,500	1/2	58,919	1/2	43,761	1/2	28,490	1/2	12,868	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,758	3/4	74,176	3/4	58,595	3/4	43,452	3/4	28,165	3/4	12,543	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	89,433	6	73,851	6	58,270	6	43,143	6	27,840	6	12,217	6		6	6	6	6	6	6
1/4	89,109	1/4	73,527	1/4	57,946	1/4	42,834	1/4	27,514	1/4	11,892	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,784	1/2	73,202	1/2	57,621	1/2	42,525	1/2	27,189	1/2	11,566	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,459	3/4	72,877	3/4	57,296	3/4	42,215	3/4	26,863	3/4	11,241	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	88,135	7	72,553	7	56,972	7	41,906	7	26,538	7	10,915	7		7	7	7	7	7	7
1/4	87,810	1/4	72,228	1/4	56,647	1/4	41,597	1/4	26,212	1/4	10,590	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,486	1/2	71,903	1/2	56,322	1/2	41,288	1/2	25,887	1/2	10,264	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,161	3/4	71,579	3/4	55,998	3/4	40,979	3/4	25,561	3/4	9,939	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	86,836	8	71,254	8	55,673	8	40,670	8	25,236	8	9,613	8		8	8	8	8	8	8
1/4	86,512	1/4	70,930	1/4	55,349	1/4	40,361	1/4	24,910	1/4	9,288	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,187	1/2	70,605	1/2	55,024	1/2	40,052	1/2	24,585	1/2	8,962	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,862	3/4	70,280	3/4	54,699	3/4	39,743	3/4	24,259	3/4	8,637	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	85,538	9	69,956	9	54,375	9	39,433	9	23,934	9	8,312	9		9	9	9	9	9	9
1/4	85,213	1/4	69,631	1/4	54,050	1/4	39,124	1/4	23,608	1/4	7,986	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,889	1/2	69,306	1/2	53,725	1/2	38,815	1/2	23,283	1/2	7,661	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,564	3/4	68,982	3/4	53,403	3/4	38,505	3/4	22,958	3/4	7,335	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	84,239	10	68,657	10	53,080	10	38,194	10	22,632	10	7,010	10		10	10	10	10	10	10
1/4	83,915	1/4	68,333	1/4	52,757	1/4	37,884	1/4	22,307	1/4	6,684	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,590	1/2	68,008	1/2	52,434	1/2	37,573	1/2	21,981	1/2	6,359	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,265	3/4	67,683	3/4	52,123	3/4	37,249	3/4	21,656	3/4	6,033	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	82,941	11	67,359	11	51,813	11	36,925	11	21,330	11	5,708	11		11	11	11	11	11	11
1/4	82,616	1/4	67,034	1/4	51,502	1/4	36,602	1/4	21,005	1/4	5,383	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,292	1/2	66,710	1/2	51,191	1/2	36,278	1/2	20,679	1/2	5,057	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,967	3/4	66,386	3/4	50,881	3/4	35,953	3/4	20,354	3/4	4,732	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/12/2012 CL - SW
CALCULATED: 11/13/2012 CL
PRINTED: 11/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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