



# BARGE "CBC 306"

## 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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4
3 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4

(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'-06"

November 21, 2012

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

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# BARGE "CBC 306"

# 1 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	585	0	13,246	0	28,441	0	44,078	0	59,792	0	75,521	0	91,250	0	106,979	0	122,708	0	138,436
1/4	720	1/4	13,547	1/4	28,768	1/4	44,403	1/4	60,120	1/4	75,849	1/4	91,578	1/4	107,307	1/4	123,036	1/4	138,763
1/2	855	1/2	13,848	1/2	29,096	1/2	44,728	1/2	60,447	1/2	76,176	1/2	91,905	1/2	107,634	1/2	123,363	1/2	139,091
3/4	990	3/4	14,150	3/4	29,424	3/4	45,053	3/4	60,775	3/4	76,504	3/4	92,233	3/4	107,962	3/4	123,691	3/4	139,418
1	1,125	1	14,451	1	29,751	1	45,378	1	61,103	1	76,832	1	92,561	1	108,290	1	124,019	1	139,746
1/4	1,337	1/4	14,756	1/4	30,079	1/4	45,705	1/4	61,430	1/4	77,159	1/4	92,888	1/4	108,618	1/4	124,347	1/4	140,074
1/2	1,550	1/2	15,060	1/2	30,407	1/2	46,032	1/2	61,758	1/2	77,487	1/2	93,216	1/2	108,945	1/2	124,674	1/2	140,401
3/4	1,762	3/4	15,365	3/4	30,734	3/4	46,359	3/4	62,086	3/4	77,815	3/4	93,544	3/4	109,273	3/4	125,002	3/4	140,729
2	1,975	2	15,670	2	31,062	2	46,686	2	62,413	2	78,143	2	93,872	2	109,601	2	125,330	2	141,057
1/4	2,236	1/4	15,978	1/4	31,390	1/4	47,013	1/4	62,741	1/4	78,470	1/4	94,199	1/4	109,928	1/4	125,657	1/4	141,384
1/2	2,496	1/2	16,286	1/2	31,717	1/2	47,341	1/2	63,069	1/2	78,798	1/2	94,527	1/2	110,256	1/2	125,985	1/2	141,712
3/4	2,757	3/4	16,594	3/4	32,045	3/4	47,668	3/4	63,397	3/4	79,126	3/4	94,855	3/4	110,584	3/4	126,313	3/4	142,039
3	3,018	3	16,902	3	32,373	3	47,995	3	63,724	3	79,453	3	95,182	3	110,911	3	126,640	3	142,367
1/4	3,287	1/4	17,213	1/4	32,699	1/4	48,323	1/4	64,052	1/4	79,781	1/4	95,510	1/4	111,239	1/4	126,968	1/4	142,695
1/2	3,557	1/2	17,525	1/2	33,025	1/2	48,651	1/2	64,380	1/2	80,109	1/2	95,838	1/2	111,567	1/2	127,296	1/2	143,022
3/4	3,827	3/4	17,836	3/4	33,351	3/4	48,978	3/4	64,707	3/4	80,436	3/4	96,165	3/4	111,894	3/4	127,623	3/4	143,350
4	4,097	4	18,148	4	33,676	4	49,306	4	65,035	4	80,764	4	96,493	4	112,222	4	127,951	4	143,677
1/4	4,371	1/4	18,463	1/4	34,002	1/4	49,634	1/4	65,363	1/4	81,092	1/4	96,821	1/4	112,550	1/4	128,279	1/4	144,005
1/2	4,645	1/2	18,778	1/2	34,328	1/2	49,961	1/2	65,690	1/2	81,419	1/2	97,148	1/2	112,877	1/2	128,607	1/2	144,333
3/4	4,919	3/4	19,092	3/4	34,654	3/4	50,289	3/4	66,018	3/4	81,747	3/4	97,476	3/4	113,205	3/4	128,934	3/4	144,660
5	5,193	5	19,407	5	34,979	5	50,617	5	66,346	5	82,075	5	97,804	5	113,533	5	129,262	5	144,988
1/4	5,470	1/4	19,726	1/4	35,304	1/4	50,944	1/4	66,673	1/4	82,402	1/4	98,132	1/4	113,861	1/4	129,590	1/4	145,315
1/2	5,748	1/2	20,044	1/2	35,629	1/2	51,272	1/2	67,001	1/2	82,730	1/2	98,459	1/2	114,188	1/2	129,917	1/2	145,643
3/4	6,025	3/4	20,362	3/4	35,954	3/4	51,600	3/4	67,329	3/4	83,058	3/4	98,787	3/4	114,516	3/4	130,245	3/4	145,971
6	6,302	6	20,681	6	36,279	6	51,927	6	67,656	6	83,386	6	99,115	6	114,844	6	130,573	6	146,298
1/4	6,583	1/4	21,002	1/4	36,604	1/4	52,255	1/4	67,984	1/4	83,713	1/4	99,442	1/4	115,171	1/4	130,900	1/4	146,626
1/2	6,864	1/2	21,324	1/2	36,929	1/2	52,583	1/2	68,312	1/2	84,041	1/2	99,770	1/2	115,499	1/2	131,228	1/2	146,953
3/4	7,145	3/4	21,646	3/4	37,254	3/4	52,911	3/4	68,640	3/4	84,369	3/4	100,098	3/4	115,827	3/4	131,556	3/4	147,281
7	7,426	7	21,967	7	37,579	7	53,238	7	68,967	7	84,696	7	100,425	7	116,154	7	131,883	7	147,609
1/4	7,710	1/4	22,285	1/4	37,904	1/4	53,566	1/4	69,295	1/4	85,024	1/4	100,753	1/4	116,482	1/4	132,211	1/4	147,936
1/2	7,994	1/2	22,602	1/2	38,229	1/2	53,894	1/2	69,623	1/2	85,352	1/2	101,081	1/2	116,810	1/2	132,539	1/2	148,264
3/4	8,278	3/4	22,920	3/4	38,554	3/4	54,221	3/4	69,950	3/4	85,679	3/4	101,408	3/4	117,137	3/4	132,866	3/4	148,592
8	8,562	8	23,238	8	38,879	8	54,549	8	70,278	8	86,007	8	101,736	8	117,465	8	133,194	8	148,919
1/4	8,850	1/4	23,556	1/4	39,204	1/4	54,877	1/4	70,606	1/4	86,335	1/4	102,064	1/4	117,793	1/4	133,521	1/4	149,247
1/2	9,138	1/2	23,875	1/2	39,529	1/2	55,204	1/2	70,933	1/2	86,662	1/2	102,391	1/2	118,120	1/2	133,849	1/2	149,574
3/4	9,425	3/4	24,194	3/4	39,854	3/4	55,532	3/4	71,261	3/4	86,990	3/4	102,719	3/4	118,448	3/4	134,177	3/4	149,902
9	9,713	9	24,513	9	40,179	9	55,860	9	71,589	9	87,318	9	103,047	9	118,776	9	134,504	9	150,230
1/4	10,004	1/4	24,839	1/4	40,504	1/4	56,187	1/4	71,916	1/4	87,645	1/4	103,375	1/4	119,104	1/4	134,832	1/4	150,557
1/2	10,295	1/2	25,166	1/2	40,829	1/2	56,515	1/2	72,244	1/2	87,973	1/2	103,702	1/2	119,431	1/2	135,160	1/2	150,885
3/4	10,586	3/4	25,493	3/4	41,154	3/4	56,843	3/4	72,572	3/4	88,301	3/4	104,030	3/4	119,759	3/4	135,487	3/4	151,212
10	10,877	10	25,819	10	41,479	10	57,170	10	72,900	10	88,629	10	104,358	10	120,087	10	135,815	10	151,540
1/4	11,171	1/4	26,147	1/4	41,804	1/4	57,498	1/4	73,227	1/4	88,956	1/4	104,685	1/4	120,414	1/4	136,142	1/4	151,868
1/2	11,466	1/2	26,475	1/2	42,129	1/2	57,826	1/2	73,555	1/2	89,284	1/2	105,013	1/2	120,742	1/2	136,470	1/2	152,195
3/4	11,760	3/4	26,802	3/4	42,454	3/4	58,154	3/4	73,883	3/4	89,612	3/4	105,341	3/4	121,070	3/4	136,798	3/4	152,523
11	12,055	11	27,130	11	42,778	11	58,481	11	74,210	11	89,939	11	105,668	11	121,397	11	137,125	11	152,850
1/4	12,352	1/4	27,458	1/4	43,103	1/4	58,809	1/4	74,538	1/4	90,267	1/4	105,996	1/4	121,725	1/4	137,453	1/4	153,178
1/2	12,650	1/2	27,785	1/2	43,428	1/2	59,137	1/2	74,866	1/2	90,595	1/2	106,324	1/2	122,053	1/2	137,780	1/2	153,506
3/4	12,948	3/4	28,113	3/4	43,753	3/4	59,464	3/4	75,193	3/4	90,922	3/4	106,651	3/4	122,380	3/4	138,108	3/4	153,833

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  
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# BARGE "CBC 306"

# 1 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	154,161	0	169,886	0	185,539	0	201,177	0	216,726	0		0		0		0		0	
1/4	154,489	1/4	170,214	1/4	185,865	1/4	201,503	1/4	217,040	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,816	1/2	170,541	1/2	186,191	1/2	201,828	1/2	217,354	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,144	3/4	170,869	3/4	186,517	3/4	202,154	3/4	217,668	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	155,471	1	171,197	1	186,842	1	202,480	1	217,982	1	1	1	1	1	1	1	1	1	1
1/4	155,799	1/4	171,524	1/4	187,168	1/4	202,806	1/4	218,255	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,127	1/2	171,852	1/2	187,494	1/2	203,132	1/2	218,529	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,454	3/4	172,179	3/4	187,820	3/4	203,457	3/4	218,802	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	156,782	2	172,507	2	188,146	2	203,783	2	219,076	2	2	2	2	2	2	2	2	2	2
1/4	157,109	1/4	172,833	1/4	188,471	1/4	204,109	1/4	219,296	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,437	1/2	173,159	1/2	188,797	1/2	204,435	1/2	219,516	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,765	3/4	173,485	3/4	189,123	3/4	204,761	3/4	219,736	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	158,092	3	173,811	3	189,449	3	205,086	3	219,956	3	3	3	3	3	3	3	3	3	3
1/4	158,420	1/4	174,137	1/4	189,774	1/4	205,412	1/4	220,121	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,747	1/2	174,463	1/2	190,100	1/2	205,738	1/2	220,286	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,075	3/4	174,788	3/4	190,426	3/4	206,064	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	159,403	4	175,114	4	190,752	4	206,389	4		4	4	4	4	4	4	4	4	4	4
1/4	159,730	1/4	175,440	1/4	191,078	1/4	206,715	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,058	1/2	175,766	1/2	191,403	1/2	207,041	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,386	3/4	176,092	3/4	191,729	3/4	207,367	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	160,713	5	176,417	5	192,055	5	207,693	5	5	5	5	5	5	5	5	5	5	5	5
1/4	161,041	1/4	176,743	1/4	192,381	1/4	208,018	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,368	1/2	177,069	1/2	192,707	1/2	208,344	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,696	3/4	177,395	3/4	193,032	3/4	208,670	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	162,024	6	177,721	6	193,358	6	208,996	6	6	6	6	6	6	6	6	6	6	6	6
1/4	162,351	1/4	178,046	1/4	193,684	1/4	209,321	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,679	1/2	178,372	1/2	194,010	1/2	209,647	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,006	3/4	178,698	3/4	194,335	3/4	209,973	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	163,334	7	179,024	7	194,661	7	210,299	7	7	7	7	7	7	7	7	7	7	7	7
1/4	163,662	1/4	179,349	1/4	194,987	1/4	210,622	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,989	1/2	179,675	1/2	195,313	1/2	210,944	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,317	3/4	180,001	3/4	195,639	3/4	211,267	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	164,644	8	180,327	8	195,964	8	211,590	8	8	8	8	8	8	8	8	8	8	8	8
1/4	164,972	1/4	180,653	1/4	196,290	1/4	211,912	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,300	1/2	180,978	1/2	196,616	1/2	212,234	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,627	3/4	181,304	3/4	196,942	3/4	212,556	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	165,955	9	181,630	9	197,267	9	212,878	9	9	9	9	9	9	9	9	9	9	9	9
1/4	166,282	1/4	181,956	1/4	197,593	1/4	213,199	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,610	1/2	182,281	1/2	197,919	1/2	213,521	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,938	3/4	182,607	3/4	198,245	3/4	213,843	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	167,265	10	182,933	10	198,571	10	214,164	10	10	10	10	10	10	10	10	10	10	10	10
1/4	167,593	1/4	183,259	1/4	198,896	1/4	214,485	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	167,921	1/2	183,585	1/2	199,222	1/2	214,806	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	168,248	3/4	183,910	3/4	199,548	3/4	215,127	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	168,576	11	184,236	11	199,874	11	215,448	11	11	11	11	11	11	11	11	11	11	11	11
1/4	168,903	1/4	184,562	1/4	200,200	1/4	215,767	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	169,231	1/2	184,888	1/2	200,525	1/2	216,087	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	169,559	3/4	185,214	3/4	200,851	3/4	216,407	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: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 11/21/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2012

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 306"

# 1 STBD

## INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	585	0	13,233	0	28,413	0	44,088	0	59,796	0	75,510	0	91,225	0	106,939	0	122,653	0	138,365
1/4	719	1/4	13,534	1/4	28,741	1/4	44,415	1/4	60,124	1/4	75,838	1/4	91,552	1/4	107,266	1/4	122,980	1/4	138,693
1/2	854	1/2	13,835	1/2	29,068	1/2	44,742	1/2	60,451	1/2	76,165	1/2	91,879	1/2	107,593	1/2	123,308	1/2	139,020
3/4	989	3/4	14,136	3/4	29,395	3/4	45,068	3/4	60,778	3/4	76,493	3/4	92,207	3/4	107,921	3/4	123,635	3/4	139,347
1	1,124	1	14,437	1	29,723	1	45,395	1	61,106	1	76,820	1	92,534	1	108,248	1	123,962	1	139,675
1/4	1,336	1/4	14,741	1/4	30,050	1/4	45,722	1/4	61,433	1/4	77,147	1/4	92,861	1/4	108,576	1/4	124,290	1/4	140,002
1/2	1,548	1/2	15,046	1/2	30,377	1/2	46,049	1/2	61,761	1/2	77,475	1/2	93,189	1/2	108,903	1/2	124,617	1/2	140,329
3/4	1,761	3/4	15,350	3/4	30,704	3/4	46,376	3/4	62,088	3/4	77,802	3/4	93,516	3/4	109,230	3/4	124,944	3/4	140,656
2	1,973	2	15,654	2	31,031	2	46,703	2	62,415	2	78,129	2	93,844	2	109,558	2	125,272	2	140,984
1/4	2,233	1/4	15,962	1/4	31,358	1/4	47,030	1/4	62,743	1/4	78,457	1/4	94,171	1/4	109,885	1/4	125,599	1/4	141,311
1/2	2,494	1/2	16,270	1/2	31,684	1/2	47,357	1/2	63,070	1/2	78,784	1/2	94,498	1/2	110,212	1/2	125,927	1/2	141,638
3/4	2,754	3/4	16,578	3/4	32,011	3/4	47,684	3/4	63,397	3/4	79,112	3/4	94,826	3/4	110,540	3/4	126,254	3/4	141,966
3	3,015	3	16,886	3	32,338	3	48,011	3	63,725	3	79,439	3	95,153	3	110,867	3	126,581	3	142,293
1/4	3,284	1/4	17,197	1/4	32,665	1/4	48,338	1/4	64,052	1/4	79,766	1/4	95,480	1/4	111,195	1/4	126,909	1/4	142,620
1/2	3,554	1/2	17,508	1/2	32,992	1/2	48,666	1/2	64,380	1/2	80,094	1/2	95,808	1/2	111,522	1/2	127,236	1/2	142,948
3/4	3,824	3/4	17,819	3/4	33,319	3/4	48,993	3/4	64,707	3/4	80,421	3/4	96,135	3/4	111,849	3/4	127,563	3/4	143,275
4	4,093	4	18,130	4	33,646	4	49,320	4	65,034	4	80,748	4	96,463	4	112,177	4	127,891	4	143,602
1/4	4,367	1/4	18,445	1/4	33,973	1/4	49,648	1/4	65,362	1/4	81,076	1/4	96,790	1/4	112,504	1/4	128,218	1/4	143,929
1/2	4,641	1/2	18,759	1/2	34,300	1/2	49,975	1/2	65,689	1/2	81,403	1/2	97,117	1/2	112,831	1/2	128,546	1/2	144,257
3/4	4,914	3/4	19,074	3/4	34,627	3/4	50,302	3/4	66,016	3/4	81,731	3/4	97,445	3/4	113,159	3/4	128,873	3/4	144,584
5	5,188	5	19,389	5	34,953	5	50,630	5	66,344	5	82,058	5	97,772	5	113,486	5	129,200	5	144,911
1/4	5,465	1/4	19,707	1/4	35,280	1/4	50,957	1/4	66,671	1/4	82,385	1/4	98,099	1/4	113,814	1/4	129,528	1/4	145,239
1/2	5,742	1/2	20,025	1/2	35,606	1/2	51,284	1/2	66,999	1/2	82,713	1/2	98,427	1/2	114,141	1/2	129,855	1/2	145,566
3/4	6,019	3/4	20,343	3/4	35,932	3/4	51,612	3/4	67,326	3/4	83,040	3/4	98,754	3/4	114,468	3/4	130,182	3/4	145,893
6	6,296	6	20,661	6	36,258	6	51,939	6	67,653	6	83,367	6	99,082	6	114,796	6	130,510	6	146,221
1/4	6,577	1/4	20,982	1/4	36,585	1/4	52,267	1/4	67,981	1/4	83,695	1/4	99,409	1/4	115,123	1/4	130,837	1/4	146,548
1/2	6,857	1/2	21,303	1/2	36,911	1/2	52,594	1/2	68,308	1/2	84,022	1/2	99,736	1/2	115,450	1/2	131,165	1/2	146,875
3/4	7,138	3/4	21,625	3/4	37,237	3/4	52,921	3/4	68,635	3/4	84,350	3/4	100,064	3/4	115,778	3/4	131,492	3/4	147,202
7	7,418	7	21,946	7	37,563	7	53,249	7	68,963	7	84,677	7	100,391	7	116,105	7	131,819	7	147,530
1/4	7,702	1/4	22,263	1/4	37,889	1/4	53,576	1/4	69,290	1/4	85,004	1/4	100,718	1/4	116,433	1/4	132,147	1/4	147,857
1/2	7,986	1/2	22,581	1/2	38,216	1/2	53,903	1/2	69,618	1/2	85,332	1/2	101,046	1/2	116,760	1/2	132,474	1/2	148,184
3/4	8,270	3/4	22,898	3/4	38,542	3/4	54,231	3/4	69,945	3/4	85,659	3/4	101,373	3/4	117,087	3/4	132,801	3/4	148,512
8	8,554	8	23,215	8	38,868	8	54,558	8	70,272	8	85,986	8	101,701	8	117,415	8	133,129	8	148,839
1/4	8,841	1/4	23,534	1/4	39,194	1/4	54,886	1/4	70,600	1/4	86,314	1/4	102,028	1/4	117,742	1/4	133,456	1/4	149,166
1/2	9,129	1/2	23,852	1/2	39,520	1/2	55,213	1/2	70,927	1/2	86,641	1/2	102,355	1/2	118,070	1/2	133,783	1/2	149,494
3/4	9,416	3/4	24,171	3/4	39,846	3/4	55,540	3/4	71,255	3/4	86,969	3/4	102,683	3/4	118,397	3/4	134,110	3/4	149,821
9	9,703	9	24,489	9	40,173	9	55,868	9	71,582	9	87,296	9	103,010	9	118,724	9	134,438	9	150,148
1/4	9,994	1/4	24,816	1/4	40,499	1/4	56,195	1/4	71,909	1/4	87,623	1/4	103,338	1/4	119,052	1/4	134,765	1/4	150,475
1/2	10,285	1/2	25,142	1/2	40,825	1/2	56,523	1/2	72,237	1/2	87,951	1/2	103,665	1/2	119,379	1/2	135,092	1/2	150,803
3/4	10,576	3/4	25,468	3/4	41,151	3/4	56,850	3/4	72,564	3/4	88,278	3/4	103,992	3/4	119,706	3/4	135,420	3/4	151,130
10	10,866	10	25,794	10	41,477	10	57,177	10	72,891	10	88,606	10	104,320	10	120,034	10	135,747	10	151,457
1/4	11,160	1/4	26,122	1/4	41,804	1/4	57,505	1/4	73,219	1/4	88,933	1/4	104,647	1/4	120,361	1/4	136,074	1/4	151,785
1/2	11,455	1/2	26,449	1/2	42,130	1/2	57,832	1/2	73,546	1/2	89,260	1/2	104,974	1/2	120,689	1/2	136,402	1/2	152,112
3/4	11,749	3/4	26,777	3/4	42,456	3/4	58,159	3/4	73,874	3/4	89,588	3/4	105,302	3/4	121,016	3/4	136,729	3/4	152,439
11	12,043	11	27,104	11	42,782	11	58,487	11	74,201	11	89,915	11	105,629	11	121,343	11	137,056	11	152,767
1/4	12,340	1/4	27,431	1/4	43,109	1/4	58,814	1/4	74,528	1/4	90,242	1/4	105,957	1/4	121,671	1/4	137,383	1/4	153,094
1/2	12,638	1/2	27,759	1/2	43,435	1/2	59,142	1/2	74,856	1/2	90,570	1/2	106,284	1/2	121,998	1/2	137,711	1/2	153,421
3/4	12,936	3/4	28,086	3/4	43,762	3/4	59,469	3/4	75,183	3/4	90,897	3/4	106,611	3/4	122,325	3/4	138,038	3/4	153,748

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 306"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	154,076	0	169,786	0	185,424	0	201,047	0	216,582	0		0		0		0		0	
1/4	154,403	1/4	170,113	1/4	185,750	1/4	201,373	1/4	216,896	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,730	1/2	170,441	1/2	186,075	1/2	201,698	1/2	217,209	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,058	3/4	170,768	3/4	186,401	3/4	202,024	3/4	217,523	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	155,385	1	171,095	1	186,726	1	202,349	1	217,836	1	1	1	1	1	1	1	1	1	1
1/4	155,712	1/4	171,423	1/4	187,052	1/4	202,675	1/4	218,109	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,040	1/2	171,750	1/2	187,377	1/2	203,000	1/2	218,382	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,367	3/4	172,077	3/4	187,703	3/4	203,325	3/4	218,656	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	156,694	2	172,405	2	188,028	2	203,651	2	218,929	2	2	2	2	2	2	2	2	2	2
1/4	157,021	1/4	172,730	1/4	188,354	1/4	203,976	1/4	219,149	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,349	1/2	173,056	1/2	188,679	1/2	204,302	1/2	219,368	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,676	3/4	173,382	3/4	189,005	3/4	204,627	3/4	219,588	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	158,003	3	173,707	3	189,330	3	204,953	3	219,808	3	3	3	3	3	3	3	3	3	3
1/4	158,331	1/4	174,033	1/4	189,656	1/4	205,278	1/4	219,973	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,658	1/2	174,358	1/2	189,981	1/2	205,604	1/2	220,138	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,985	3/4	174,684	3/4	190,307	3/4	205,929	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	159,313	4	175,009	4	190,632	4	206,255	4		4	4	4	4	4	4	4	4	4	4
1/4	159,640	1/4	175,335	1/4	190,957	1/4	206,580	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,967	1/2	175,660	1/2	191,283	1/2	206,906	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,294	3/4	175,986	3/4	191,608	3/4	207,231	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	160,622	5	176,311	5	191,934	5	207,557	5		5	5	5	5	5	5	5	5	5	5
1/4	160,949	1/4	176,637	1/4	192,259	1/4	207,882	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,276	1/2	176,962	1/2	192,585	1/2	208,208	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,604	3/4	177,288	3/4	192,910	3/4	208,533	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	161,931	6	177,613	6	193,236	6	208,859	6		6	6	6	6	6	6	6	6	6	6
1/4	162,258	1/4	177,939	1/4	193,561	1/4	209,184	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,586	1/2	178,264	1/2	193,887	1/2	209,509	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,913	3/4	178,589	3/4	194,212	3/4	209,835	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	163,240	7	178,915	7	194,538	7	210,160	7		7	7	7	7	7	7	7	7	7	7
1/4	163,567	1/4	179,240	1/4	194,863	1/4	210,483	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,895	1/2	179,566	1/2	195,189	1/2	210,805	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,222	3/4	179,891	3/4	195,514	3/4	211,128	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	164,549	8	180,217	8	195,840	8	211,450	8		8	8	8	8	8	8	8	8	8	8
1/4	164,877	1/4	180,542	1/4	196,165	1/4	211,772	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,204	1/2	180,868	1/2	196,491	1/2	212,094	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,531	3/4	181,193	3/4	196,816	3/4	212,415	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	165,859	9	181,519	9	197,141	9	212,737	9		9	9	9	9	9	9	9	9	9	9
1/4	166,186	1/4	181,844	1/4	197,467	1/4	213,058	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,513	1/2	182,170	1/2	197,792	1/2	213,380	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,840	3/4	182,495	3/4	198,118	3/4	213,701	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	167,168	10	182,821	10	198,443	10	214,022	10		10	10	10	10	10	10	10	10	10	10
1/4	167,495	1/4	183,146	1/4	198,769	1/4	214,343	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	167,822	1/2	183,472	1/2	199,094	1/2	214,663	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	168,150	3/4	183,797	3/4	199,420	3/4	214,984	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	168,477	11	184,123	11	199,745	11	215,305	11		11	11	11	11	11	11	11	11	11	11
1/4	168,804	1/4	184,448	1/4	200,071	1/4	215,624	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	169,132	1/2	184,773	1/2	200,396	1/2	215,943	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	169,459	3/4	185,099	3/4	200,722	3/4	216,263	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: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 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 306"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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	593	0	15,005	0	30,156	0	45,127	0	60,199	0	75,351	0	90,502	0	105,653	0	120,804	0	135,954
1/4	780	1/4	15,321	1/4	30,472	1/4	45,436	1/4	60,515	1/4	75,666	1/4	90,818	1/4	105,969	1/4	121,120	1/4	136,270
1/2	968	1/2	15,637	1/2	30,788	1/2	45,745	1/2	60,831	1/2	75,982	1/2	91,133	1/2	106,284	1/2	121,436	1/2	136,585
3/4	1,155	3/4	15,952	3/4	31,103	3/4	46,054	3/4	61,146	3/4	76,298	3/4	91,449	3/4	106,600	3/4	121,751	3/4	136,901
1	1,342	1	16,268	1	31,419	1	46,364	1	61,462	1	76,613	1	91,764	1	106,916	1	122,067	1	137,217
1/4	1,609	1/4	16,584	1/4	31,735	1/4	46,673	1/4	61,778	1/4	76,929	1/4	92,080	1/4	107,231	1/4	122,383	1/4	137,532
1/2	1,875	1/2	16,899	1/2	32,050	1/2	46,982	1/2	62,093	1/2	77,244	1/2	92,396	1/2	107,547	1/2	122,698	1/2	137,848
3/4	2,141	3/4	17,215	3/4	32,366	3/4	47,292	3/4	62,409	3/4	77,560	3/4	92,711	3/4	107,863	3/4	123,014	3/4	138,163
2	2,407	2	17,531	2	32,681	2	47,601	2	62,724	2	77,876	2	93,027	2	108,178	2	123,330	2	138,479
1/4	2,717	1/4	17,846	1/4	32,997	1/4	47,911	1/4	63,040	1/4	78,191	1/4	93,343	1/4	108,494	1/4	123,645	1/4	138,794
1/2	3,026	1/2	18,162	1/2	33,313	1/2	48,220	1/2	63,356	1/2	78,507	1/2	93,658	1/2	108,810	1/2	123,961	1/2	139,110
3/4	3,336	3/4	18,478	3/4	33,628	3/4	48,529	3/4	63,671	3/4	78,823	3/4	93,974	3/4	109,125	3/4	124,277	3/4	139,426
3	3,645	3	18,793	3	33,944	3	48,839	3	63,987	3	79,138	3	94,290	3	109,441	3	124,592	3	139,741
1/4	3,960	1/4	19,109	1/4	34,260	1/4	49,154	1/4	64,303	1/4	79,454	1/4	94,605	1/4	109,757	1/4	124,908	1/4	140,057
1/2	4,275	1/2	19,424	1/2	34,575	1/2	49,469	1/2	64,618	1/2	79,770	1/2	94,921	1/2	110,072	1/2	125,224	1/2	140,372
3/4	4,590	3/4	19,740	3/4	34,891	3/4	49,784	3/4	64,934	3/4	80,085	3/4	95,237	3/4	110,388	3/4	125,539	3/4	140,688
4	4,905	4	20,056	4	35,207	4	50,098	4	65,250	4	80,401	4	95,552	4	110,704	4	125,855	4	141,003
1/4	5,221	1/4	20,371	1/4	35,522	1/4	50,414	1/4	65,565	1/4	80,717	1/4	95,868	1/4	111,019	1/4	126,171	1/4	141,319
1/2	5,536	1/2	20,687	1/2	35,838	1/2	50,730	1/2	65,881	1/2	81,032	1/2	96,184	1/2	111,335	1/2	126,486	1/2	141,635
3/4	5,852	3/4	21,003	3/4	36,154	3/4	51,045	3/4	66,197	3/4	81,348	3/4	96,499	3/4	111,651	3/4	126,802	3/4	141,950
5	6,167	5	21,318	5	36,469	5	51,361	5	66,512	5	81,664	5	96,815	5	111,966	5	127,118	5	142,266
1/4	6,483	1/4	21,634	1/4	36,779	1/4	51,677	1/4	66,828	1/4	81,979	1/4	97,131	1/4	112,282	1/4	127,433	1/4	142,581
1/2	6,799	1/2	21,950	1/2	37,089	1/2	51,992	1/2	67,144	1/2	82,295	1/2	97,446	1/2	112,598	1/2	127,749	1/2	142,897
3/4	7,114	3/4	22,265	3/4	37,399	3/4	52,308	3/4	67,459	3/4	82,611	3/4	97,762	3/4	112,913	3/4	128,064	3/4	143,212
6	7,430	6	22,581	6	37,709	6	52,624	6	67,775	6	82,926	6	98,078	6	113,229	6	128,380	6	143,528
1/4	7,746	1/4	22,897	1/4	38,018	1/4	52,939	1/4	68,091	1/4	83,242	1/4	98,393	1/4	113,544	1/4	128,696	1/4	143,844
1/2	8,061	1/2	23,212	1/2	38,327	1/2	53,255	1/2	68,406	1/2	83,558	1/2	98,709	1/2	113,860	1/2	129,011	1/2	144,159
3/4	8,377	3/4	23,528	3/4	38,636	3/4	53,571	3/4	68,722	3/4	83,873	3/4	99,024	3/4	114,176	3/4	129,327	3/4	144,475
7	8,693	7	23,843	7	38,945	7	53,886	7	69,038	7	84,189	7	99,340	7	114,491	7	129,643	7	144,790
1/4	9,008	1/4	24,159	1/4	39,254	1/4	54,202	1/4	69,353	1/4	84,504	1/4	99,656	1/4	114,807	1/4	129,958	1/4	145,106
1/2	9,324	1/2	24,475	1/2	39,563	1/2	54,518	1/2	69,669	1/2	84,820	1/2	99,971	1/2	115,123	1/2	130,274	1/2	145,421
3/4	9,640	3/4	24,790	3/4	39,873	3/4	54,833	3/4	69,984	3/4	85,136	3/4	100,287	3/4	115,438	3/4	130,589	3/4	145,737
8	9,955	8	25,106	8	40,182	8	55,149	8	70,300	8	85,451	8	100,603	8	115,754	8	130,905	8	146,053
1/4	10,271	1/4	25,422	1/4	40,491	1/4	55,464	1/4	70,616	1/4	85,767	1/4	100,918	1/4	116,070	1/4	131,221	1/4	146,368
1/2	10,586	1/2	25,737	1/2	40,800	1/2	55,780	1/2	70,931	1/2	86,083	1/2	101,234	1/2	116,385	1/2	131,536	1/2	146,684
3/4	10,902	3/4	26,053	3/4	41,109	3/4	56,096	3/4	71,247	3/4	86,398	3/4	101,550	3/4	116,701	3/4	131,852	3/4	146,999
9	11,218	9	26,369	9	41,418	9	56,411	9	71,563	9	86,714	9	101,865	9	117,017	9	132,167	9	147,315
1/4	11,533	1/4	26,684	1/4	41,727	1/4	56,727	1/4	71,878	1/4	87,030	1/4	102,181	1/4	117,332	1/4	132,483	1/4	147,631
1/2	11,849	1/2	27,000	1/2	42,036	1/2	57,043	1/2	72,194	1/2	87,345	1/2	102,497	1/2	117,648	1/2	132,799	1/2	147,946
3/4	12,165	3/4	27,316	3/4	42,345	3/4	57,358	3/4	72,510	3/4	87,661	3/4	102,812	3/4	117,964	3/4	133,114	3/4	148,262
10	12,480	10	27,631	10	42,654	10	57,674	10	72,825	10	87,977	10	103,128	10	118,279	10	133,430	10	148,577
1/4	12,796	1/4	27,947	1/4	42,963	1/4	57,990	1/4	73,141	1/4	88,292	1/4	103,444	1/4	118,595	1/4	133,745	1/4	148,893
1/2	13,112	1/2	28,262	1/2	43,273	1/2	58,305	1/2	73,457	1/2	88,608	1/2	103,759	1/2	118,911	1/2	134,061	1/2	149,208
3/4	13,427	3/4	28,578	3/4	43,582	3/4	58,621	3/4	73,772	3/4	88,924	3/4	104,075	3/4	119,226	3/4	134,376	3/4	149,524
11	13,743	11	28,894	11	43,891	11	58,937	11	74,088	11	89,239	11	104,391	11	119,542	11	134,692	11	149,840
1/4	14,059	1/4	29,209	1/4	44,200	1/4	59,252	1/4	74,404	1/4	89,555	1/4	104,706	1/4	119,858	1/4	135,008	1/4	150,155
1/2	14,374	1/2	29,525	1/2	44,509	1/2	59,568	1/2	74,719	1/2	89,871	1/2	105,022	1/2	120,173	1/2	135,323	1/2	150,471
3/4	14,690	3/4	29,841	3/4	44,818	3/4	59,884	3/4	75,035	3/4	90,186	3/4	105,338	3/4	120,489	3/4	135,639	3/4	150,786

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 306"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,102	0	166,249	0	181,325	0	196,385	0	211,358	0		0		0		0		0	
1/4	151,417	1/4	166,565	1/4	181,639	1/4	196,699	1/4	211,660	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,733	1/2	166,881	1/2	181,952	1/2	197,012	1/2	211,962	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,049	3/4	167,196	3/4	182,266	3/4	197,326	3/4	212,264	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,364	1	167,512	1	182,580	1	197,640	1	212,566	1	1	1	1	1	1	1	1	1	1
1/4	152,680	1/4	167,827	1/4	182,894	1/4	197,954	1/4	212,830	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,995	1/2	168,143	1/2	183,207	1/2	198,267	1/2	213,093	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,311	3/4	168,458	3/4	183,521	3/4	198,581	3/4	213,356	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,626	2	168,774	2	183,835	2	198,895	2	213,619	2	2	2	2	2	2	2	2	2	2
1/4	153,942	1/4	169,088	1/4	184,149	1/4	199,209	1/4	213,831	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,258	1/2	169,402	1/2	184,462	1/2	199,522	1/2	214,043	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,573	3/4	169,716	3/4	184,776	3/4	199,836	3/4	214,254	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,889	3	170,030	3	185,090	3	200,150	3	214,466	3	3	3	3	3	3	3	3	3	3
1/4	155,204	1/4	170,344	1/4	185,404	1/4	200,464	1/4	214,625	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,520	1/2	170,657	1/2	185,717	1/2	200,777	1/2	214,784	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,835	3/4	170,971	3/4	186,031	3/4	201,091	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,151	4	171,285	4	186,345	4	201,405	4		4	4	4	4	4	4	4	4	4	4
1/4	156,467	1/4	171,599	1/4	186,659	1/4	201,719	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,782	1/2	171,912	1/2	186,972	1/2	202,032	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,098	3/4	172,226	3/4	187,286	3/4	202,346	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,413	5	172,540	5	187,600	5	202,660	5	5	5	5	5	5	5	5	5	5	5	5
1/4	157,729	1/4	172,854	1/4	187,914	1/4	202,974	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,044	1/2	173,167	1/2	188,227	1/2	203,287	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,360	3/4	173,481	3/4	188,541	3/4	203,601	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,676	6	173,795	6	188,855	6	203,915	6	6	6	6	6	6	6	6	6	6	6	6
1/4	158,991	1/4	174,109	1/4	189,169	1/4	204,229	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,307	1/2	174,422	1/2	189,482	1/2	204,542	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,622	3/4	174,736	3/4	189,796	3/4	204,856	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	159,938	7	175,050	7	190,110	7	205,170	7	7	7	7	7	7	7	7	7	7	7	7
1/4	160,253	1/4	175,364	1/4	190,424	1/4	205,481	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,569	1/2	175,677	1/2	190,737	1/2	205,791	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,885	3/4	175,991	3/4	191,051	3/4	206,102	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,200	8	176,305	8	191,365	8	206,413	8	8	8	8	8	8	8	8	8	8	8	8
1/4	161,516	1/4	176,619	1/4	191,679	1/4	206,723	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,831	1/2	176,932	1/2	191,992	1/2	207,033	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,147	3/4	177,246	3/4	192,306	3/4	207,343	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,463	9	177,560	9	192,620	9	207,653	9	9	9	9	9	9	9	9	9	9	9	9
1/4	162,778	1/4	177,874	1/4	192,934	1/4	207,963	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,094	1/2	178,187	1/2	193,247	1/2	208,272	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,409	3/4	178,501	3/4	193,561	3/4	208,582	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,725	10	178,815	10	193,875	10	208,891	10	10	10	10	10	10	10	10	10	10	10	10
1/4	164,040	1/4	179,129	1/4	194,189	1/4	209,200	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,356	1/2	179,442	1/2	194,502	1/2	209,509	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,672	3/4	179,756	3/4	194,816	3/4	209,818	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	164,987	11	180,070	11	195,130	11	210,127	11	11	11	11	11	11	11	11	11	11	11	11
1/4	165,303	1/4	180,384	1/4	195,444	1/4	210,435	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,618	1/2	180,697	1/2	195,757	1/2	210,742	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,934	3/4	181,011	3/4	196,071	3/4	211,050	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: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 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 306"

## 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	15,017	0	30,179	0	45,055	0	60,165	0	75,327	0	90,490	0	105,652	0	120,815	0	135,976
1/4	781	1/4	15,332	1/4	30,494	1/4	45,362	1/4	60,481	1/4	75,643	1/4	90,806	1/4	105,968	1/4	121,131	1/4	136,292
1/2	968	1/2	15,648	1/2	30,810	1/2	45,670	1/2	60,797	1/2	75,959	1/2	91,122	1/2	106,284	1/2	121,447	1/2	136,607
3/4	1,156	3/4	15,964	3/4	31,126	3/4	45,978	3/4	61,112	3/4	76,275	3/4	91,437	3/4	106,600	3/4	121,762	3/4	136,923
1	1,343	1	16,280	1	31,442	1	46,285	1	61,428	1	76,591	1	91,753	1	106,916	1	122,078	1	137,239
1/4	1,610	1/4	16,596	1/4	31,758	1/4	46,598	1/4	61,744	1/4	76,907	1/4	92,069	1/4	107,232	1/4	122,394	1/4	137,555
1/2	1,876	1/2	16,912	1/2	32,074	1/2	46,912	1/2	62,060	1/2	77,223	1/2	92,385	1/2	107,548	1/2	122,710	1/2	137,871
3/4	2,143	3/4	17,228	3/4	32,390	3/4	47,225	3/4	62,376	3/4	77,539	3/4	92,701	3/4	107,864	3/4	123,026	3/4	138,186
2	2,409	2	17,544	2	32,706	2	47,538	2	62,692	2	77,854	2	93,017	2	108,179	2	123,342	2	138,502
1/4	2,719	1/4	17,859	1/4	33,021	1/4	47,852	1/4	63,008	1/4	78,170	1/4	93,333	1/4	108,495	1/4	123,658	1/4	138,818
1/2	3,028	1/2	18,175	1/2	33,337	1/2	48,166	1/2	63,324	1/2	78,486	1/2	93,649	1/2	108,811	1/2	123,974	1/2	139,134
3/4	3,338	3/4	18,491	3/4	33,653	3/4	48,480	3/4	63,640	3/4	78,802	3/4	93,965	3/4	109,127	3/4	124,290	3/4	139,450
3	3,648	3	18,807	3	33,969	3	48,794	3	63,955	3	79,118	3	94,280	3	109,443	3	124,605	3	139,765
1/4	3,963	1/4	19,123	1/4	34,278	1/4	49,110	1/4	64,271	1/4	79,434	1/4	94,596	1/4	109,759	1/4	124,921	1/4	140,081
1/2	4,278	1/2	19,439	1/2	34,588	1/2	49,425	1/2	64,587	1/2	79,750	1/2	94,912	1/2	110,075	1/2	125,237	1/2	140,397
3/4	4,594	3/4	19,755	3/4	34,897	3/4	49,741	3/4	64,903	3/4	80,066	3/4	95,228	3/4	110,391	3/4	125,553	3/4	140,713
4	4,909	4	20,071	4	35,206	4	50,057	4	65,219	4	80,381	4	95,544	4	110,706	4	125,869	4	141,029
1/4	5,225	1/4	20,386	1/4	35,515	1/4	50,372	1/4	65,535	1/4	80,697	1/4	95,860	1/4	111,022	1/4	126,185	1/4	141,344
1/2	5,540	1/2	20,702	1/2	35,823	1/2	50,688	1/2	65,851	1/2	81,013	1/2	96,176	1/2	111,338	1/2	126,501	1/2	141,660
3/4	5,856	3/4	21,018	3/4	36,131	3/4	51,004	3/4	66,167	3/4	81,329	3/4	96,492	3/4	111,654	3/4	126,817	3/4	141,976
5	6,172	5	21,334	5	36,440	5	51,320	5	66,483	5	81,645	5	96,808	5	111,970	5	127,133	5	142,292
1/4	6,488	1/4	21,650	1/4	36,748	1/4	51,636	1/4	66,798	1/4	81,961	1/4	97,123	1/4	112,286	1/4	127,448	1/4	142,608
1/2	6,804	1/2	21,966	1/2	37,055	1/2	51,952	1/2	67,114	1/2	82,277	1/2	97,439	1/2	112,602	1/2	127,764	1/2	142,924
3/4	7,120	3/4	22,282	3/4	37,363	3/4	52,268	3/4	67,430	3/4	82,593	3/4	97,755	3/4	112,918	3/4	128,080	3/4	143,239
6	7,436	6	22,598	6	37,671	6	52,584	6	67,746	6	82,909	6	98,071	6	113,234	6	128,396	6	143,555
1/4	7,751	1/4	22,913	1/4	37,978	1/4	52,899	1/4	68,062	1/4	83,224	1/4	98,387	1/4	113,549	1/4	128,712	1/4	143,871
1/2	8,067	1/2	23,229	1/2	38,286	1/2	53,215	1/2	68,378	1/2	83,540	1/2	98,703	1/2	113,865	1/2	129,028	1/2	144,187
3/4	8,383	3/4	23,545	3/4	38,594	3/4	53,531	3/4	68,694	3/4	83,856	3/4	99,019	3/4	114,181	3/4	129,344	3/4	144,503
7	8,699	7	23,861	7	38,901	7	53,847	7	69,010	7	84,172	7	99,335	7	114,497	7	129,660	7	144,818
1/4	9,015	1/4	24,177	1/4	39,209	1/4	54,163	1/4	69,326	1/4	84,488	1/4	99,650	1/4	114,813	1/4	129,975	1/4	145,134
1/2	9,331	1/2	24,493	1/2	39,517	1/2	54,479	1/2	69,641	1/2	84,804	1/2	99,966	1/2	115,129	1/2	130,291	1/2	145,450
3/4	9,647	3/4	24,809	3/4	39,824	3/4	54,795	3/4	69,957	3/4	85,120	3/4	100,282	3/4	115,445	3/4	130,607	3/4	145,766
8	9,963	8	25,125	8	40,132	8	55,111	8	70,273	8	85,436	8	100,598	8	115,761	8	130,923	8	146,082
1/4	10,278	1/4	25,440	1/4	40,440	1/4	55,427	1/4	70,589	1/4	85,752	1/4	100,914	1/4	116,077	1/4	131,239	1/4	146,397
1/2	10,594	1/2	25,756	1/2	40,747	1/2	55,742	1/2	70,905	1/2	86,067	1/2	101,230	1/2	116,392	1/2	131,554	1/2	146,713
3/4	10,910	3/4	26,072	3/4	41,055	3/4	56,058	3/4	71,221	3/4	86,383	3/4	101,546	3/4	116,708	3/4	131,870	3/4	147,029
9	11,226	9	26,388	9	41,363	9	56,374	9	71,537	9	86,699	9	101,862	9	117,024	9	132,186	9	147,345
1/4	11,542	1/4	26,704	1/4	41,670	1/4	56,690	1/4	71,853	1/4	87,015	1/4	102,178	1/4	117,340	1/4	132,502	1/4	147,661
1/2	11,858	1/2	27,020	1/2	41,978	1/2	57,006	1/2	72,168	1/2	87,331	1/2	102,493	1/2	117,656	1/2	132,818	1/2	147,976
3/4	12,174	3/4	27,336	3/4	42,286	3/4	57,322	3/4	72,484	3/4	87,647	3/4	102,809	3/4	117,972	3/4	133,133	3/4	148,292
10	12,490	10	27,652	10	42,593	10	57,638	10	72,800	10	87,963	10	103,125	10	118,288	10	133,449	10	148,608
1/4	12,805	1/4	27,967	1/4	42,901	1/4	57,954	1/4	73,116	1/4	88,279	1/4	103,441	1/4	118,604	1/4	133,765	1/4	148,924
1/2	13,121	1/2	28,283	1/2	43,209	1/2	58,270	1/2	73,432	1/2	88,595	1/2	103,757	1/2	118,919	1/2	134,081	1/2	149,240
3/4	13,437	3/4	28,599	3/4	43,516	3/4	58,585	3/4	73,748	3/4	88,910	3/4	104,073	3/4	119,235	3/4	134,397	3/4	149,555
11	13,753	11	28,915	11	43,824	11	58,901	11	74,064	11	89,226	11	104,389	11	119,551	11	134,713	11	149,871
1/4	14,069	1/4	29,231	1/4	44,132	1/4	59,217	1/4	74,380	1/4	89,542	1/4	104,705	1/4	119,867	1/4	135,028	1/4	150,187
1/2	14,385	1/2	29,547	1/2	44,439	1/2	59,533	1/2	74,696	1/2	89,858	1/2	105,021	1/2	120,183	1/2	135,344	1/2	150,503
3/4	14,701	3/4	29,863	3/4	44,747	3/4	59,849	3/4	75,011	3/4	90,174	3/4	105,336	3/4	120,499	3/4	135,660	3/4	150,819

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 306"

**2 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE 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	151,135	0	166,293	0	181,380	0	196,451	0	211,435	0		0		0		0		0	
1/4	151,450	1/4	166,609	1/4	181,694	1/4	196,765	1/4	211,737	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,766	1/2	166,925	1/2	182,008	1/2	197,079	1/2	212,040	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,082	3/4	167,241	3/4	182,322	3/4	197,393	3/4	212,342	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,398	1	167,556	1	182,636	1	197,707	1	212,644	1	1	1	1	1	1	1	1	1	1
1/4	152,714	1/4	167,872	1/4	182,950	1/4	198,021	1/4	212,908	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,029	1/2	168,188	1/2	183,264	1/2	198,335	1/2	213,171	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,345	3/4	168,504	3/4	183,578	3/4	198,649	3/4	213,435	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,661	2	168,820	2	183,892	2	198,963	2	213,698	2	2	2	2	2	2	2	2	2	2
1/4	153,977	1/4	169,134	1/4	184,206	1/4	199,277	1/4	213,910	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,293	1/2	169,448	1/2	184,520	1/2	199,591	1/2	214,122	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,608	3/4	169,762	3/4	184,834	3/4	199,905	3/4	214,334	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,924	3	170,077	3	185,148	3	200,219	3	214,546	3	3	3	3	3	3	3	3	3	3
1/4	155,240	1/4	170,391	1/4	185,462	1/4	200,533	1/4	214,705	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,556	1/2	170,705	1/2	185,776	1/2	200,847	1/2	214,864	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,872	3/4	171,019	3/4	186,090	3/4	201,161	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,187	4	171,332	4	186,404	4	201,475	4		4	4	4	4	4	4	4	4	4	4
1/4	156,503	1/4	171,646	1/4	186,718	1/4	201,789	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,819	1/2	171,960	1/2	187,032	1/2	202,103	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,135	3/4	172,274	3/4	187,346	3/4	202,417	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,451	5	172,588	5	187,660	5	202,731	5	5	5	5	5	5	5	5	5	5	5	5
1/4	157,766	1/4	172,902	1/4	187,974	1/4	203,045	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,082	1/2	173,216	1/2	188,288	1/2	203,359	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,398	3/4	173,530	3/4	188,602	3/4	203,673	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,714	6	173,844	6	188,916	6	203,987	6	6	6	6	6	6	6	6	6	6	6	6
1/4	159,030	1/4	174,158	1/4	189,229	1/4	204,301	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,345	1/2	174,472	1/2	189,543	1/2	204,615	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,661	3/4	174,786	3/4	189,857	3/4	204,929	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	159,977	7	175,100	7	190,171	7	205,243	7	7	7	7	7	7	7	7	7	7	7	7
1/4	160,293	1/4	175,414	1/4	190,485	1/4	205,557	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,609	1/2	175,728	1/2	190,799	1/2	205,864	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,925	3/4	176,042	3/4	191,113	3/4	206,175	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,240	8	176,356	8	191,427	8	206,486	8	8	8	8	8	8	8	8	8	8	8	8
1/4	161,556	1/4	176,670	1/4	191,741	1/4	206,796	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,872	1/2	176,984	1/2	192,055	1/2	207,107	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,188	3/4	177,298	3/4	192,369	3/4	207,417	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,504	9	177,612	9	192,683	9	207,727	9	9	9	9	9	9	9	9	9	9	9	9
1/4	162,819	1/4	177,926	1/4	192,997	1/4	208,037	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,135	1/2	178,240	1/2	193,311	1/2	208,347	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,451	3/4	178,554	3/4	193,625	3/4	208,657	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,767	10	178,868	10	193,939	10	208,967	10	10	10	10	10	10	10	10	10	10	10	10
1/4	164,083	1/4	179,182	1/4	194,253	1/4	209,276	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,398	1/2	179,496	1/2	194,567	1/2	209,585	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,714	3/4	179,810	3/4	194,881	3/4	209,894	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,030	11	180,124	11	195,195	11	210,203	11	11	11	11	11	11	11	11	11	11	11	11
1/4	165,346	1/4	180,438	1/4	195,509	1/4	210,511	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,662	1/2	180,752	1/2	195,823	1/2	210,819	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,977	3/4	181,066	3/4	196,137	3/4	211,127	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: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 11/21/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2012

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 306"

# 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	15,484	0	31,111	0	46,463	0	61,890	0	77,483	0	93,074	0	108,615	0	124,193	0	139,774
1/4	804	1/4	15,810	1/4	31,435	1/4	46,780	1/4	62,215	1/4	77,808	1/4	93,398	1/4	108,939	1/4	124,517	1/4	140,098
1/2	998	1/2	16,135	1/2	31,760	1/2	47,096	1/2	62,540	1/2	78,133	1/2	93,721	1/2	109,263	1/2	124,842	1/2	140,423
3/4	1,191	3/4	16,461	3/4	32,085	3/4	47,412	3/4	62,865	3/4	78,458	3/4	94,045	3/4	109,588	3/4	125,167	3/4	140,747
1	1,385	1	16,787	1	32,410	1	47,728	1	63,190	1	78,783	1	94,369	1	109,912	1	125,491	1	141,072
1/4	1,659	1/4	17,112	1/4	32,734	1/4	48,045	1/4	63,515	1/4	79,108	1/4	94,693	1/4	110,236	1/4	125,816	1/4	141,396
1/2	1,934	1/2	17,438	1/2	33,059	1/2	48,362	1/2	63,840	1/2	79,433	1/2	95,016	1/2	110,561	1/2	126,140	1/2	141,721
3/4	2,209	3/4	17,764	3/4	33,384	3/4	48,678	3/4	64,164	3/4	79,758	3/4	95,340	3/4	110,885	3/4	126,465	3/4	142,046
2	2,484	2	18,090	2	33,708	2	48,995	2	64,489	2	80,082	2	95,664	2	111,209	2	126,790	2	142,370
1/4	2,803	1/4	18,415	1/4	34,033	1/4	49,312	1/4	64,814	1/4	80,407	1/4	95,988	1/4	111,534	1/4	127,114	1/4	142,695
1/2	3,122	1/2	18,741	1/2	34,358	1/2	49,628	1/2	65,139	1/2	80,732	1/2	96,311	1/2	111,858	1/2	127,439	1/2	143,019
3/4	3,442	3/4	19,067	3/4	34,683	3/4	49,945	3/4	65,464	3/4	81,057	3/4	96,635	3/4	112,182	3/4	127,763	3/4	143,344
3	3,761	3	19,392	3	35,007	3	50,262	3	65,789	3	81,382	3	96,959	3	112,507	3	128,088	3	143,669
1/4	4,086	1/4	19,718	1/4	35,332	1/4	50,579	1/4	66,114	1/4	81,707	1/4	97,283	1/4	112,831	1/4	128,413	1/4	143,993
1/2	4,411	1/2	20,044	1/2	35,657	1/2	50,896	1/2	66,438	1/2	82,032	1/2	97,607	1/2	113,156	1/2	128,737	1/2	144,318
3/4	4,736	3/4	20,370	3/4	35,981	3/4	51,213	3/4	66,763	3/4	82,357	3/4	97,930	3/4	113,480	3/4	129,062	3/4	144,642
4	5,061	4	20,695	4	36,306	4	51,530	4	67,088	4	82,681	4	98,254	4	113,805	4	129,386	4	144,967
1/4	5,387	1/4	21,021	1/4	36,631	1/4	51,847	1/4	67,413	1/4	83,006	1/4	98,578	1/4	114,130	1/4	129,711	1/4	145,291
1/2	5,713	1/2	21,347	1/2	36,955	1/2	52,164	1/2	67,737	1/2	83,331	1/2	98,902	1/2	114,454	1/2	130,036	1/2	145,615
3/4	6,038	3/4	21,672	3/4	37,280	3/4	52,481	3/4	68,062	3/4	83,656	3/4	99,225	3/4	114,779	3/4	130,360	3/4	145,938
5	6,364	5	21,998	5	37,605	5	52,798	5	68,387	5	83,981	5	99,549	5	115,104	5	130,685	5	146,262
1/4	6,689	1/4	22,324	1/4	37,922	1/4	53,121	1/4	68,712	1/4	84,306	1/4	99,873	1/4	115,428	1/4	131,010	1/4	146,586
1/2	7,015	1/2	22,650	1/2	38,239	1/2	53,445	1/2	69,037	1/2	84,631	1/2	100,197	1/2	115,753	1/2	131,334	1/2	146,910
3/4	7,341	3/4	22,975	3/4	38,556	3/4	53,769	3/4	69,361	3/4	84,956	3/4	100,521	3/4	116,077	3/4	131,659	3/4	147,233
6	7,667	6	23,301	6	38,873	6	54,093	6	69,686	6	85,281	6	100,844	6	116,402	6	131,983	6	147,557
1/4	7,992	1/4	23,627	1/4	39,189	1/4	54,418	1/4	70,011	1/4	85,605	1/4	101,168	1/4	116,727	1/4	132,308	1/4	147,881
1/2	8,318	1/2	23,953	1/2	39,505	1/2	54,743	1/2	70,336	1/2	85,930	1/2	101,492	1/2	117,051	1/2	132,633	1/2	148,204
3/4	8,644	3/4	24,278	3/4	39,821	3/4	55,068	3/4	70,661	3/4	86,255	3/4	101,816	3/4	117,376	3/4	132,957	3/4	148,528
7	8,969	7	24,604	7	40,138	7	55,393	7	70,986	7	86,580	7	102,139	7	117,700	7	133,282	7	148,852
1/4	9,295	1/4	24,930	1/4	40,454	1/4	55,718	1/4	71,311	1/4	86,905	1/4	102,463	1/4	118,025	1/4	133,606	1/4	149,175
1/2	9,621	1/2	25,255	1/2	40,770	1/2	56,042	1/2	71,636	1/2	87,230	1/2	102,787	1/2	118,350	1/2	133,931	1/2	149,498
3/4	9,947	3/4	25,581	3/4	41,087	3/4	56,367	3/4	71,960	3/4	87,555	3/4	103,111	3/4	118,674	3/4	134,256	3/4	149,822
8	10,272	8	25,907	8	41,403	8	56,692	8	72,285	8	87,880	8	103,435	8	118,999	8	134,580	8	150,145
1/4	10,598	1/4	26,233	1/4	41,719	1/4	57,017	1/4	72,610	1/4	88,204	1/4	103,758	1/4	119,323	1/4	134,905	1/4	150,468
1/2	10,924	1/2	26,558	1/2	42,035	1/2	57,342	1/2	72,935	1/2	88,529	1/2	104,082	1/2	119,648	1/2	135,229	1/2	150,792
3/4	11,249	3/4	26,884	3/4	42,352	3/4	57,667	3/4	73,260	3/4	88,854	3/4	104,406	3/4	119,973	3/4	135,554	3/4	151,115
9	11,575	9	27,210	9	42,668	9	57,992	9	73,585	9	89,179	9	104,730	9	120,297	9	135,879	9	151,438
1/4	11,901	1/4	27,535	1/4	42,984	1/4	58,317	1/4	73,910	1/4	89,504	1/4	105,053	1/4	120,622	1/4	136,203	1/4	151,760
1/2	12,227	1/2	27,861	1/2	43,300	1/2	58,641	1/2	74,235	1/2	89,829	1/2	105,377	1/2	120,947	1/2	136,528	1/2	152,082
3/4	12,552	3/4	28,187	3/4	43,617	3/4	58,966	3/4	74,559	3/4	90,154	3/4	105,700	3/4	121,271	3/4	136,852	3/4	152,403
10	12,878	10	28,513	10	43,933	10	59,291	10	74,884	10	90,479	10	106,024	10	121,596	10	137,177	10	152,725
1/4	13,204	1/4	28,837	1/4	44,249	1/4	59,616	1/4	75,209	1/4	90,803	1/4	106,347	1/4	121,920	1/4	137,501	1/4	153,038
1/2	13,530	1/2	29,162	1/2	44,566	1/2	59,941	1/2	75,534	1/2	91,128	1/2	106,671	1/2	122,245	1/2	137,826	1/2	153,350
3/4	13,855	3/4	29,487	3/4	44,882	3/4	60,266	3/4	75,859	3/4	91,453	3/4	106,994	3/4	122,570	3/4	138,151	3/4	153,663
11	14,181	11	29,812	11	45,198	11	60,591	11	76,184	11	91,778	11	107,318	11	122,894	11	138,475	11	153,975
1/4	14,507	1/4	30,137	1/4	45,514	1/4	60,916	1/4	76,509	1/4	92,102	1/4	107,642	1/4	123,219	1/4	138,800	1/4	154,276
1/2	14,832	1/2	30,461	1/2	45,831	1/2	61,241	1/2	76,834	1/2	92,426	1/2	107,966	1/2	123,543	1/2	139,124	1/2	154,576
3/4	15,158	3/4	30,786	3/4	46,147	3/4	61,565	3/4	77,158	3/4	92,750	3/4	108,290	3/4	123,868	3/4	139,449	3/4	154,876

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'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 306"

## 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	155,176	0	167,495	0	179,448	0	191,390	0	203,265	0		0		0		0		0	
1/4	155,464	1/4	167,745	1/4	179,697	1/4	191,639	1/4	203,504	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,752	1/2	167,995	1/2	179,946	1/2	191,888	1/2	203,744	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,039	3/4	168,245	3/4	180,195	3/4	192,137	3/4	203,984	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	156,327	1	168,495	1	180,444	1	192,386	1	204,223	1	1	1	1	1	1	1	1	1	1
1/4	156,602	1/4	168,745	1/4	180,692	1/4	192,634	1/4	204,432	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,877	1/2	168,996	1/2	180,941	1/2	192,883	1/2	204,641	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,152	3/4	169,246	3/4	181,190	3/4	193,132	3/4	204,850	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	157,427	2	169,496	2	181,439	2	193,381	2	205,059	2	2	2	2	2	2	2	2	2	2
1/4	157,690	1/4	169,745	1/4	181,688	1/4	193,630	1/4	205,227	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,952	1/2	169,994	1/2	181,936	1/2	193,878	1/2	205,395	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,215	3/4	170,243	3/4	182,185	3/4	194,127	3/4	205,563	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	158,477	3	170,492	3	182,434	3	194,376	3	205,731	3	3	3	3	3	3	3	3	3	3
1/4	158,730	1/4	170,741	1/4	182,683	1/4	194,625	1/4	205,857	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,983	1/2	170,989	1/2	182,931	1/2	194,874	1/2	205,983	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,236	3/4	171,238	3/4	183,180	3/4	195,122	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	159,489	4	171,487	4	183,429	4	195,371	4		4	4	4	4	4	4	4	4	4	4
1/4	159,739	1/4	171,736	1/4	183,678	1/4	195,620	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,989	1/2	171,985	1/2	183,927	1/2	195,869	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,240	3/4	172,233	3/4	184,175	3/4	196,118	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	160,490	5	172,482	5	184,424	5	196,366	5		5	5	5	5	5	5	5	5	5	5
1/4	160,740	1/4	172,731	1/4	184,673	1/4	196,615	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,990	1/2	172,980	1/2	184,922	1/2	196,864	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,241	3/4	173,229	3/4	185,171	3/4	197,113	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	161,491	6	173,477	6	185,419	6	197,361	6		6	6	6	6	6	6	6	6	6	6
1/4	161,741	1/4	173,726	1/4	185,668	1/4	197,610	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,991	1/2	173,975	1/2	185,917	1/2	197,859	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,241	3/4	174,224	3/4	186,166	3/4	198,108	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	162,491	7	174,473	7	186,415	7	198,357	7		7	7	7	7	7	7	7	7	7	7
1/4	162,742	1/4	174,721	1/4	186,663	1/4	198,603	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,992	1/2	174,970	1/2	186,912	1/2	198,850	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,242	3/4	175,219	3/4	187,161	3/4	199,096	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	163,492	8	175,468	8	187,410	8	199,342	8		8	8	8	8	8	8	8	8	8	8
1/4	163,742	1/4	175,716	1/4	187,659	1/4	199,588	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,992	1/2	175,965	1/2	187,907	1/2	199,834	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,243	3/4	176,214	3/4	188,156	3/4	200,080	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	164,493	9	176,463	9	188,405	9	200,326	9		9	9	9	9	9	9	9	9	9	9
1/4	164,743	1/4	176,712	1/4	188,654	1/4	200,572	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,993	1/2	176,960	1/2	188,903	1/2	200,817	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,243	3/4	177,209	3/4	189,151	3/4	201,063	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	165,493	10	177,458	10	189,400	10	201,308	10		10	10	10	10	10	10	10	10	10	10
1/4	165,744	1/4	177,707	1/4	189,649	1/4	201,553	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,994	1/2	177,956	1/2	189,898	1/2	201,798	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,244	3/4	178,204	3/4	190,146	3/4	202,043	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,494	11	178,453	11	190,395	11	202,289	11		11	11	11	11	11	11	11	11	11	11
1/4	166,744	1/4	178,702	1/4	190,644	1/4	202,533	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,994	1/2	178,951	1/2	190,893	1/2	202,777	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,245	3/4	179,200	3/4	191,142	3/4	203,021	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: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 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 306"

## 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	15,489	0	31,120	0	46,284	0	61,583	0	77,181	0	92,776	0	108,322	0	123,905	0	139,491
1/4	805	1/4	15,814	1/4	31,445	1/4	46,594	1/4	61,908	1/4	77,506	1/4	93,100	1/4	108,647	1/4	124,230	1/4	139,815
1/2	998	1/2	16,140	1/2	31,770	1/2	46,903	1/2	62,233	1/2	77,831	1/2	93,424	1/2	109,071	1/2	124,554	1/2	140,140
3/4	1,192	3/4	16,466	3/4	32,095	3/4	47,213	3/4	62,558	3/4	78,156	3/4	93,748	3/4	109,295	3/4	124,879	3/4	140,465
1	1,385	1	16,792	1	32,420	1	47,522	1	62,883	1	78,481	1	94,072	1	109,620	1	125,204	1	140,789
1/4	1,660	1/4	17,118	1/4	32,744	1/4	47,832	1/4	63,208	1/4	78,806	1/4	94,396	1/4	109,944	1/4	125,529	1/4	141,114
1/2	1,935	1/2	17,444	1/2	33,069	1/2	48,142	1/2	63,533	1/2	79,131	1/2	94,720	1/2	110,269	1/2	125,853	1/2	141,439
3/4	2,210	3/4	17,769	3/4	33,394	3/4	48,452	3/4	63,858	3/4	79,456	3/4	95,044	3/4	110,593	3/4	126,178	3/4	141,764
2	2,484	2	18,095	2	33,719	2	48,761	2	64,183	2	79,781	2	95,367	2	110,918	2	126,503	2	142,088
1/4	2,804	1/4	18,421	1/4	34,044	1/4	49,072	1/4	64,508	1/4	80,106	1/4	95,691	1/4	111,242	1/4	126,827	1/4	142,413
1/2	3,123	1/2	18,747	1/2	34,368	1/2	49,382	1/2	64,833	1/2	80,431	1/2	96,015	1/2	111,567	1/2	127,152	1/2	142,738
3/4	3,443	3/4	19,073	3/4	34,693	3/4	49,693	3/4	65,158	3/4	80,756	3/4	96,339	3/4	111,891	3/4	127,477	3/4	143,062
3	3,762	3	19,398	3	35,018	3	50,004	3	65,483	3	81,081	3	96,663	3	112,216	3	127,802	3	143,387
1/4	4,087	1/4	19,724	1/4	35,343	1/4	50,314	1/4	65,808	1/4	81,406	1/4	96,987	1/4	112,540	1/4	128,126	1/4	143,712
1/2	4,412	1/2	20,050	1/2	35,668	1/2	50,625	1/2	66,133	1/2	81,731	1/2	97,311	1/2	112,865	1/2	128,451	1/2	144,036
3/4	4,738	3/4	20,376	3/4	35,992	3/4	50,936	3/4	66,458	3/4	82,056	3/4	97,635	3/4	113,190	3/4	128,776	3/4	144,361
4	5,063	4	20,702	4	36,317	4	51,247	4	66,783	4	82,381	4	97,958	4	113,514	4	129,100	4	144,686
1/4	5,389	1/4	21,028	1/4	36,641	1/4	51,558	1/4	67,107	1/4	82,706	1/4	98,282	1/4	113,839	1/4	129,425	1/4	145,010
1/2	5,714	1/2	21,353	1/2	36,966	1/2	51,869	1/2	67,432	1/2	83,031	1/2	98,606	1/2	114,164	1/2	129,750	1/2	145,334
3/4	6,040	3/4	21,679	3/4	37,290	3/4	52,180	3/4	67,757	3/4	83,356	3/4	98,930	3/4	114,488	3/4	130,075	3/4	145,658
5	6,366	5	22,005	5	37,614	5	52,491	5	68,082	5	83,681	5	99,254	5	114,813	5	130,399	5	145,982
1/4	6,692	1/4	22,331	1/4	37,925	1/4	52,814	1/4	68,407	1/4	84,006	1/4	99,578	1/4	115,138	1/4	130,724	1/4	146,305
1/2	7,017	1/2	22,657	1/2	38,236	1/2	53,137	1/2	68,732	1/2	84,331	1/2	99,902	1/2	115,463	1/2	131,049	1/2	146,629
3/4	7,343	3/4	22,982	3/4	38,547	3/4	53,461	3/4	69,057	3/4	84,656	3/4	100,226	3/4	115,787	3/4	131,373	3/4	146,953
6	7,669	6	23,308	6	38,858	6	53,784	6	69,382	6	84,981	6	100,549	6	116,112	6	131,698	6	147,277
1/4	7,995	1/4	23,634	1/4	39,167	1/4	54,109	1/4	69,707	1/4	85,306	1/4	100,873	1/4	116,437	1/4	132,023	1/4	147,601
1/2	8,321	1/2	23,960	1/2	39,476	1/2	54,434	1/2	70,032	1/2	85,631	1/2	101,197	1/2	116,761	1/2	132,348	1/2	147,924
3/4	8,646	3/4	24,286	3/4	39,786	3/4	54,759	3/4	70,357	3/4	85,956	3/4	101,521	3/4	117,086	3/4	132,672	3/4	148,248
7	8,972	7	24,612	7	40,095	7	55,084	7	70,682	7	86,281	7	101,845	7	117,411	7	132,997	7	148,572
1/4	9,298	1/4	24,937	1/4	40,405	1/4	55,409	1/4	71,007	1/4	86,606	1/4	102,169	1/4	117,736	1/4	133,322	1/4	148,895
1/2	9,624	1/2	25,263	1/2	40,714	1/2	55,734	1/2	71,332	1/2	86,931	1/2	102,493	1/2	118,060	1/2	133,646	1/2	149,219
3/4	9,950	3/4	25,589	3/4	41,024	3/4	56,059	3/4	71,657	3/4	87,256	3/4	102,817	3/4	118,385	3/4	133,971	3/4	149,542
8	10,276	8	25,915	8	41,333	8	56,384	8	71,982	8	87,581	8	103,140	8	118,710	8	134,296	8	149,866
1/4	10,601	1/4	26,241	1/4	41,642	1/4	56,709	1/4	72,307	1/4	87,906	1/4	103,464	1/4	119,034	1/4	134,620	1/4	150,189
1/2	10,927	1/2	26,567	1/2	41,952	1/2	57,034	1/2	72,632	1/2	88,231	1/2	103,788	1/2	119,359	1/2	134,945	1/2	150,512
3/4	11,253	3/4	26,892	3/4	42,261	3/4	57,359	3/4	72,957	3/4	88,556	3/4	104,112	3/4	119,684	3/4	135,270	3/4	150,836
9	11,579	9	27,218	9	42,571	9	57,684	9	73,281	9	88,881	9	104,436	9	120,009	9	135,595	9	151,159
1/4	11,905	1/4	27,544	1/4	42,880	1/4	58,009	1/4	73,606	1/4	89,206	1/4	104,760	1/4	120,333	1/4	135,919	1/4	151,481
1/2	12,230	1/2	27,870	1/2	43,190	1/2	58,334	1/2	73,931	1/2	89,531	1/2	105,083	1/2	120,658	1/2	136,244	1/2	151,803
3/4	12,556	3/4	28,196	3/4	43,499	3/4	58,658	3/4	74,256	3/4	89,856	3/4	105,407	3/4	120,983	3/4	136,569	3/4	152,125
10	12,882	10	28,521	10	43,809	10	58,983	10	74,581	10	90,181	10	105,730	10	121,307	10	136,893	10	152,446
1/4	13,208	1/4	28,846	1/4	44,118	1/4	59,308	1/4	74,906	1/4	90,505	1/4	106,054	1/4	121,632	1/4	137,218	1/4	152,759
1/2	13,534	1/2	29,171	1/2	44,427	1/2	59,633	1/2	75,231	1/2	90,830	1/2	106,378	1/2	121,957	1/2	137,543	1/2	153,072
3/4	13,860	3/4	29,496	3/4	44,737	3/4	59,958	3/4	75,556	3/4	91,155	3/4	106,701	3/4	122,282	3/4	137,867	3/4	153,384
11	14,185	11	29,821	11	45,046	11	60,283	11	75,881	11	91,480	11	107,025	11	122,606	11	138,192	11	153,697
1/4	14,511	1/4	30,146	1/4	45,356	1/4	60,608	1/4	76,206	1/4	91,804	1/4	107,349	1/4	122,931	1/4	138,517	1/4	153,997
1/2	14,837	1/2	30,471	1/2	45,665	1/2	60,933	1/2	76,531	1/2	92,128	1/2	107,673	1/2	123,256	1/2	138,841	1/2	154,298
3/4	15,163	3/4	30,796	3/4	45,975	3/4	61,258	3/4	76,856	3/4	92,452	3/4	107,998	3/4	123,580	3/4	139,166	3/4	154,598

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'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 306"

## 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	154,898	0	167,221	0	179,178	0	191,124	0	203,002	0		0		0		0		0	
1/4	155,186	1/4	167,471	1/4	179,427	1/4	191,373	1/4	203,242	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,474	1/2	167,721	1/2	179,676	1/2	191,621	1/2	203,481	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,762	3/4	167,971	3/4	179,925	3/4	191,870	3/4	203,721	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	156,049	1	168,221	1	180,173	1	192,119	1	203,961	1	1	1	1	1	1	1	1	1	1
1/4	156,325	1/4	168,472	1/4	180,422	1/4	192,368	1/4	204,169	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,600	1/2	168,722	1/2	180,671	1/2	192,617	1/2	204,378	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,875	3/4	168,972	3/4	180,920	3/4	192,866	3/4	204,587	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	157,150	2	169,222	2	181,169	2	193,115	2	204,796	2	2	2	2	2	2	2	2	2	2
1/4	157,413	1/4	169,471	1/4	181,418	1/4	193,364	1/4	204,964	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,675	1/2	169,721	1/2	181,667	1/2	193,612	1/2	205,132	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,938	3/4	169,970	3/4	181,916	3/4	193,861	3/4	205,300	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	158,200	3	170,219	3	182,164	3	194,110	3	205,468	3	3	3	3	3	3	3	3	3	3
1/4	158,453	1/4	170,467	1/4	182,413	1/4	194,359	1/4	205,595	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,706	1/2	170,716	1/2	182,662	1/2	194,608	1/2	205,721	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,959	3/4	170,965	3/4	182,911	3/4	194,857	3/4	205,847	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	159,212	4	171,214	4	183,160	4	195,106	4	195,106	4	4	4	4	4	4	4	4	4	4
1/4	159,462	1/4	171,463	1/4	183,409	1/4	195,355	1/4	195,355	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,713	1/2	171,712	1/2	183,658	1/2	195,603	1/2	195,603	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,963	3/4	171,961	3/4	183,906	3/4	195,852	3/4	195,852	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	160,214	5	172,210	5	184,155	5	196,101	5	196,101	5	5	5	5	5	5	5	5	5	5
1/4	160,464	1/4	172,458	1/4	184,404	1/4	196,350	1/4	196,350	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,714	1/2	172,707	1/2	184,653	1/2	196,599	1/2	196,599	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	172,956	3/4	184,902	3/4	196,848	3/4	196,848	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	161,215	6	173,205	6	185,151	6	197,097	6	197,097	6	6	6	6	6	6	6	6	6	6
1/4	161,465	1/4	173,454	1/4	185,400	1/4	197,345	1/4	197,345	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,715	1/2	173,703	1/2	185,649	1/2	197,594	1/2	197,594	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,965	3/4	173,952	3/4	185,897	3/4	197,843	3/4	197,843	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	162,216	7	174,201	7	186,146	7	198,092	7	198,092	7	7	7	7	7	7	7	7	7	7
1/4	162,466	1/4	174,449	1/4	186,395	1/4	198,339	1/4	198,339	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,716	1/2	174,698	1/2	186,644	1/2	198,585	1/2	198,585	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,966	3/4	174,947	3/4	186,893	3/4	198,832	3/4	198,832	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	163,217	8	175,196	8	187,142	8	199,078	8	199,078	8	8	8	8	8	8	8	8	8	8
1/4	163,467	1/4	175,445	1/4	187,391	1/4	199,324	1/4	199,324	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,717	1/2	175,694	1/2	187,640	1/2	199,570	1/2	199,570	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,967	3/4	175,943	3/4	187,888	3/4	199,816	3/4	199,816	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	164,218	9	176,191	9	188,137	9	200,062	9	200,062	9	9	9	9	9	9	9	9	9	9
1/4	164,468	1/4	176,440	1/4	188,386	1/4	200,308	1/4	200,308	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,718	1/2	176,689	1/2	188,635	1/2	200,553	1/2	200,553	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,968	3/4	176,938	3/4	188,884	3/4	200,799	3/4	200,799	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	165,219	10	177,187	10	189,133	10	201,045	10	201,045	10	10	10	10	10	10	10	10	10	10
1/4	165,469	1/4	177,436	1/4	189,382	1/4	201,290	1/4	201,290	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,719	1/2	177,685	1/2	189,630	1/2	201,535	1/2	201,535	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,969	3/4	177,934	3/4	189,879	3/4	201,780	3/4	201,780	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,220	11	178,182	11	190,128	11	202,025	11	202,025	11	11	11	11	11	11	11	11	11	11
1/4	166,470	1/4	178,431	1/4	190,377	1/4	202,269	1/4	202,269	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,720	1/2	178,680	1/2	190,626	1/2	202,513	1/2	202,513	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,970	3/4	178,929	3/4	190,875	3/4	202,758	3/4	202,758	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: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 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 306"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	100	0	257	0	412	0		0		0		0		0		0	
1/4	1	1/4	103	1/4	260	1/4	415	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1	1/2	106	1/2	263	1/2	417	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2	3/4	109	3/4	267	3/4	420	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3	1	112	1	270	1	423	1	1	1	1	1	1	1	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: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 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 306"

## 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4
3 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4

(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'-06"

November 21, 2012

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

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# BARGE "CBC 306"

# 1 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	206,715	0	191,078	0	175,440	0	159,730	0	144,005	0	128,279	0	112,550
1/4	1/4	1/4	1/4	1/4	1/4	1/4	206,389	1/4	190,752	1/4	175,114	1/4	159,403	1/4	143,677	1/4	127,951	1/4	112,222
1/2	1/2	1/2	1/2	1/2	1/2	1/2	206,064	1/2	190,426	1/2	174,788	1/2	159,075	1/2	143,350	1/2	127,623	1/2	111,894
3/4	3/4	3/4	3/4	3/4	3/4	3/4	220,286	3/4	205,738	3/4	190,100	3/4	174,463	3/4	158,747	3/4	143,022	3/4	127,296
1		1		1		1	220,121	1	205,412	1	189,774	1	174,137	1	158,420	1	142,695	1	126,968
1/4	1/4	1/4	1/4	1/4	1/4	1/4	219,956	1/4	205,086	1/4	189,449	1/4	173,811	1/4	158,092	1/4	142,367	1/4	126,640
1/2	1/2	1/2	1/2	1/2	1/2	1/2	219,736	1/2	204,761	1/2	189,123	1/2	173,485	1/2	157,765	1/2	142,039	1/2	126,313
3/4	3/4	3/4	3/4	3/4	3/4	3/4	219,516	3/4	204,435	3/4	188,797	3/4	173,159	3/4	157,437	3/4	141,712	3/4	125,985
2		2		2		2	219,296	2	204,109	2	188,471	2	172,833	2	157,109	2	141,384	2	125,657
1/4	1/4	1/4	1/4	1/4	1/4	1/4	219,076	1/4	203,783	1/4	188,146	1/4	172,507	1/4	156,782	1/4	141,057	1/4	125,330
1/2	1/2	1/2	1/2	1/2	1/2	1/2	218,802	1/2	203,457	1/2	187,820	1/2	172,179	1/2	156,454	1/2	140,729	1/2	125,002
3/4	3/4	3/4	3/4	3/4	3/4	3/4	218,529	3/4	203,132	3/4	187,494	3/4	171,852	3/4	156,127	3/4	140,401	3/4	124,674
3		3		3		3	218,255	3	202,806	3	187,168	3	171,524	3	155,799	3	140,074	3	124,347
1/4	1/4	1/4	1/4	1/4	1/4	1/4	217,982	1/4	202,480	1/4	186,842	1/4	171,197	1/4	155,471	1/4	139,746	1/4	124,019
1/2	1/2	1/2	1/2	1/2	1/2	1/2	217,668	1/2	202,154	1/2	186,517	1/2	170,869	1/2	155,144	1/2	139,418	1/2	123,691
3/4	3/4	3/4	3/4	3/4	3/4	3/4	217,354	3/4	201,828	3/4	186,191	3/4	170,541	3/4	154,816	3/4	139,091	3/4	123,363
4		4		4		4	217,040	4	201,503	4	185,865	4	170,214	4	154,489	4	138,763	4	123,036
1/4	1/4	1/4	1/4	1/4	1/4	1/4	216,726	1/4	201,177	1/4	185,539	1/4	169,886	1/4	154,161	1/4	138,436	1/4	122,708
1/2	1/2	1/2	1/2	1/2	1/2	1/2	216,407	1/2	200,851	1/2	185,214	1/2	169,559	1/2	153,833	1/2	138,108	1/2	122,380
3/4	3/4	3/4	3/4	3/4	3/4	3/4	216,087	3/4	200,525	3/4	184,888	3/4	169,231	3/4	153,506	3/4	137,780	3/4	122,053
5		5		5		5	215,767	5	200,200	5	184,562	5	168,903	5	153,178	5	137,453	5	121,725
1/4	1/4	1/4	1/4	1/4	1/4	1/4	215,448	1/4	199,874	1/4	184,236	1/4	168,576	1/4	152,850	1/4	137,125	1/4	121,397
1/2	1/2	1/2	1/2	1/2	1/2	1/2	215,127	1/2	199,548	1/2	183,910	1/2	168,248	1/2	152,523	1/2	136,798	1/2	121,070
3/4	3/4	3/4	3/4	3/4	3/4	3/4	214,806	3/4	199,222	3/4	183,585	3/4	167,921	3/4	152,195	3/4	136,470	3/4	120,742
6		6		6		6	214,485	6	198,896	6	183,259	6	167,593	6	151,868	6	136,142	6	120,414
1/4	1/4	1/4	1/4	1/4	1/4	1/4	214,164	1/4	198,571	1/4	182,933	1/4	167,265	1/4	151,540	1/4	135,815	1/4	120,087
1/2	1/2	1/2	1/2	1/2	1/2	1/2	213,843	1/2	198,245	1/2	182,607	1/2	166,938	1/2	151,212	1/2	135,487	1/2	119,759
3/4	3/4	3/4	3/4	3/4	3/4	3/4	213,521	3/4	197,919	3/4	182,281	3/4	166,610	3/4	150,885	3/4	135,160	3/4	119,431
7		7		7		7	213,199	7	197,593	7	181,956	7	166,282	7	150,557	7	134,832	7	119,104
1/4	1/4	1/4	1/4	1/4	1/4	1/4	212,878	1/4	197,267	1/4	181,630	1/4	165,955	1/4	150,230	1/4	134,504	1/4	118,776
1/2	1/2	1/2	1/2	1/2	1/2	1/2	212,556	1/2	196,942	1/2	181,304	1/2	165,627	1/2	149,902	1/2	134,177	1/2	118,448
3/4	3/4	3/4	3/4	3/4	3/4	3/4	212,234	3/4	196,616	3/4	180,978	3/4	165,300	3/4	149,574	3/4	133,849	3/4	118,120
8		8		8		8	211,912	8	196,290	8	180,653	8	164,972	8	149,247	8	133,521	8	117,793
1/4	1/4	1/4	1/4	1/4	1/4	1/4	211,590	1/4	195,964	1/4	180,327	1/4	164,644	1/4	148,919	1/4	133,194	1/4	117,465
1/2	1/2	1/2	1/2	1/2	1/2	1/2	211,267	1/2	195,639	1/2	180,001	1/2	164,317	1/2	148,592	1/2	132,866	1/2	117,137
3/4	3/4	3/4	3/4	3/4	3/4	3/4	210,944	3/4	195,313	3/4	179,675	3/4	163,989	3/4	148,264	3/4	132,539	3/4	116,810
9		9		9		9	210,622	9	194,987	9	179,349	9	163,662	9	147,936	9	132,211	9	116,482
1/4	1/4	1/4	1/4	1/4	1/4	1/4	210,299	1/4	194,661	1/4	179,024	1/4	163,334	1/4	147,609	1/4	131,883	1/4	116,154
1/2	1/2	1/2	1/2	1/2	1/2	1/2	209,973	1/2	194,335	1/2	178,698	1/2	163,006	1/2	147,281	1/2	131,556	1/2	115,827
3/4	3/4	3/4	3/4	3/4	3/4	3/4	209,647	3/4	194,010	3/4	178,372	3/4	162,679	3/4	146,953	3/4	131,228	3/4	115,499
10		10		10		10	209,321	10	193,684	10	178,046	10	162,351	10	146,626	10	130,900	10	115,171
1/4	1/4	1/4	1/4	1/4	1/4	1/4	208,996	1/4	193,358	1/4	177,721	1/4	162,024	1/4	146,298	1/4	130,573	1/4	114,844
1/2	1/2	1/2	1/2	1/2	1/2	1/2	208,670	1/2	193,032	1/2	177,395	1/2	161,696	1/2	145,971	1/2	130,245	1/2	114,516
3/4	3/4	3/4	3/4	3/4	3/4	3/4	208,344	3/4	192,707	3/4	177,069	3/4	161,368	3/4	145,643	3/4	129,917	3/4	114,188
11		11		11		11	208,018	11	192,381	11	176,743	11	161,041	11	145,315	11	129,590	11	113,861
1/4	1/4	1/4	1/4	1/4	1/4	1/4	207,693	1/4	192,055	1/4	176,417	1/4	160,713	1/4	144,988	1/4	129,262	1/4	113,533
1/2	1/2	1/2	1/2	1/2	1/2	1/2	207,367	1/2	191,729	1/2	176,092	1/2	160,386	1/2	144,660	1/2	128,934	1/2	113,205
3/4	3/4	3/4	3/4	3/4	3/4	3/4	207,041	3/4	191,403	3/4	175,766	3/4	160,058	3/4	144,333	3/4	128,607	3/4	112,877

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.

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# BARGE "CBC 306"

# 1 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	96,821	0	81,092	0	65,363	0	49,634	0	34,002	0	18,463	0	4,371	0		0		0	
1/4	96,493	1/4	80,764	1/4	65,035	1/4	49,306	1/4	33,676	1/4	18,148	1/4	4,097	1/4	1/4		1/4		1/4
1/2	96,165	1/2	80,436	1/2	64,707	1/2	48,978	1/2	33,351	1/2	17,836	1/2	3,827	1/2	1/2		1/2		1/2
3/4	95,838	3/4	80,109	3/4	64,380	3/4	48,651	3/4	33,025	3/4	17,525	3/4	3,557	3/4	3/4		3/4		3/4
1	95,510	1	79,781	1	64,052	1	48,323	1	32,699	1	17,213	1	3,287	1	1		1		1
1/4	95,182	1/4	79,453	1/4	63,724	1/4	47,995	1/4	32,373	1/4	16,902	1/4	3,018	1/4	1/4		1/4		1/4
1/2	94,855	1/2	79,126	1/2	63,397	1/2	47,668	1/2	32,045	1/2	16,594	1/2	2,757	1/2	1/2		1/2		1/2
3/4	94,527	3/4	78,798	3/4	63,069	3/4	47,341	3/4	31,717	3/4	16,286	3/4	2,496	3/4	3/4		3/4		3/4
2	94,199	2	78,470	2	62,741	2	47,013	2	31,390	2	15,978	2	2,236	2	2		2		2
1/4	93,872	1/4	78,143	1/4	62,413	1/4	46,686	1/4	31,062	1/4	15,670	1/4	1,975	1/4	1/4		1/4		1/4
1/2	93,544	1/2	77,815	1/2	62,086	1/2	46,359	1/2	30,734	1/2	15,365	1/2	1,762	1/2	1/2		1/2		1/2
3/4	93,216	3/4	77,487	3/4	61,758	3/4	46,032	3/4	30,407	3/4	15,060	3/4	1,550	3/4	3/4		3/4		3/4
3	92,888	3	77,159	3	61,430	3	45,705	3	30,079	3	14,756	3	1,337	3	3		3		3
1/4	92,561	1/4	76,832	1/4	61,103	1/4	45,378	1/4	29,751	1/4	14,451	1/4	1,125	1/4	1/4		1/4		1/4
1/2	92,233	1/2	76,504	1/2	60,775	1/2	45,053	1/2	29,424	1/2	14,150	1/2	990	1/2	1/2		1/2		1/2
3/4	91,905	3/4	76,176	3/4	60,447	3/4	44,728	3/4	29,096	3/4	13,848	3/4	855	3/4	3/4		3/4		3/4
4	91,578	4	75,849	4	60,120	4	44,403	4	28,768	4	13,547	4	720	4	4		4		4
1/4	91,250	1/4	75,521	1/4	59,792	1/4	44,078	1/4	28,441	1/4	13,246	1/4	585	1/4	1/4		1/4		1/4
1/2	90,922	1/2	75,193	1/2	59,464	1/2	43,753	1/2	28,113	1/2	12,948	1/2		1/2	1/2		1/2		1/2
3/4	90,595	3/4	74,866	3/4	59,137	3/4	43,428	3/4	27,785	3/4	12,650	3/4		3/4	3/4		3/4		3/4
5	90,267	5	74,538	5	58,809	5	43,103	5	27,458	5	12,352	5		5	5		5		5
1/4	89,939	1/4	74,210	1/4	58,481	1/4	42,778	1/4	27,130	1/4	12,055	1/4		1/4	1/4		1/4		1/4
1/2	89,612	1/2	73,883	1/2	58,154	1/2	42,454	1/2	26,802	1/2	11,760	1/2		1/2	1/2		1/2		1/2
3/4	89,284	3/4	73,555	3/4	57,826	3/4	42,129	3/4	26,475	3/4	11,466	3/4		3/4	3/4		3/4		3/4
6	88,956	6	73,227	6	57,498	6	41,804	6	26,147	6	11,171	6		6	6		6		6
1/4	88,629	1/4	72,900	1/4	57,170	1/4	41,479	1/4	25,819	1/4	10,877	1/4		1/4	1/4		1/4		1/4
1/2	88,301	1/2	72,572	1/2	56,843	1/2	41,154	1/2	25,493	1/2	10,586	1/2		1/2	1/2		1/2		1/2
3/4	87,973	3/4	72,244	3/4	56,515	3/4	40,829	3/4	25,166	3/4	10,295	3/4		3/4	3/4		3/4		3/4
7	87,645	7	71,916	7	56,187	7	40,504	7	24,839	7	10,004	7		7	7		7		7
1/4	87,318	1/4	71,589	1/4	55,860	1/4	40,179	1/4	24,513	1/4	9,713	1/4		1/4	1/4		1/4		1/4
1/2	86,990	1/2	71,261	1/2	55,532	1/2	39,854	1/2	24,194	1/2	9,425	1/2		1/2	1/2		1/2		1/2
3/4	86,662	3/4	70,933	3/4	55,204	3/4	39,529	3/4	23,875	3/4	9,138	3/4		3/4	3/4		3/4		3/4
8	86,335	8	70,606	8	54,877	8	39,204	8	23,556	8	8,850	8		8	8		8		8
1/4	86,007	1/4	70,278	1/4	54,549	1/4	38,879	1/4	23,238	1/4	8,562	1/4		1/4	1/4		1/4		1/4
1/2	85,679	1/2	69,950	1/2	54,221	1/2	38,554	1/2	22,920	1/2	8,278	1/2		1/2	1/2		1/2		1/2
3/4	85,352	3/4	69,623	3/4	53,894	3/4	38,229	3/4	22,602	3/4	7,994	3/4		3/4	3/4		3/4		3/4
9	85,024	9	69,295	9	53,566	9	37,904	9	22,285	9	7,710	9		9	9		9		9
1/4	84,696	1/4	68,967	1/4	53,238	1/4	37,579	1/4	21,967	1/4	7,426	1/4		1/4	1/4		1/4		1/4
1/2	84,369	1/2	68,640	1/2	52,911	1/2	37,254	1/2	21,646	1/2	7,145	1/2		1/2	1/2		1/2		1/2
3/4	84,041	3/4	68,312	3/4	52,583	3/4	36,929	3/4	21,324	3/4	6,864	3/4		3/4	3/4		3/4		3/4
10	83,713	10	67,984	10	52,255	10	36,604	10	21,002	10	6,583	10		10	10		10		10
1/4	83,386	1/4	67,656	1/4	51,927	1/4	36,279	1/4	20,681	1/4	6,302	1/4		1/4	1/4		1/4		1/4
1/2	83,058	1/2	67,329	1/2	51,600	1/2	35,954	1/2	20,362	1/2	6,025	1/2		1/2	1/2		1/2		1/2
3/4	82,730	3/4	67,001	3/4	51,272	3/4	35,629	3/4	20,044	3/4	5,748	3/4		3/4	3/4		3/4		3/4
11	82,402	11	66,673	11	50,944	11	35,304	11	19,726	11	5,470	11		11	11		11		11
1/4	82,075	1/4	66,346	1/4	50,617	1/4	34,979	1/4	19,407	1/4	5,193	1/4		1/4	1/4		1/4		1/4
1/2	81,747	1/2	66,018	1/2	50,289	1/2	34,654	1/2	19,092	1/2	4,919	1/2		1/2	1/2		1/2		1/2
3/4	81,419	3/4	65,690	3/4	49,961	3/4	34,328	3/4	18,778	3/4	4,645	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 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 306"

# 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	206,255	0	190,632	0	175,009	0	159,313	0	143,602	0	127,891	0	112,177		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	205,929	1/4	190,307	1/4	174,684	1/4	158,985	1/4	143,275	1/4	127,563	1/4	111,849		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	220,138	1/2	205,604	1/2	189,981	1/2	174,358	1/2	158,658	1/2	142,948	1/2	127,236	1/2	111,522
3/4	3/4	3/4	3/4	3/4	3/4	3/4	219,973	3/4	205,278	3/4	189,656	3/4	174,033	3/4	158,331	3/4	142,620	3/4	126,909	3/4	111,195
1		1		1		1	219,808	1	204,953	1	189,330	1	173,707	1	158,003	1	142,293	1	126,581	1	110,867
1/4	1/4	1/4	1/4	1/4	1/4	1/4	219,588	1/4	204,627	1/4	189,005	1/4	173,382	1/4	157,676	1/4	141,966	1/4	126,254	1/4	110,540
1/2	1/2	1/2	1/2	1/2	1/2	1/2	219,368	1/2	204,302	1/2	188,679	1/2	173,056	1/2	157,349	1/2	141,638	1/2	125,927	1/2	110,212
3/4	3/4	3/4	3/4	3/4	3/4	3/4	219,149	3/4	203,976	3/4	188,354	3/4	172,730	3/4	157,021	3/4	141,311	3/4	125,599	3/4	109,885
2		2		2		2	218,929	2	203,651	2	188,028	2	172,405	2	156,694	2	140,984	2	125,272	2	109,558
1/4	1/4	1/4	1/4	1/4	1/4	1/4	218,656	1/4	203,325	1/4	187,703	1/4	172,077	1/4	156,367	1/4	140,656	1/4	124,944	1/4	109,230
1/2	1/2	1/2	1/2	1/2	1/2	1/2	218,382	1/2	203,000	1/2	187,377	1/2	171,750	1/2	156,040	1/2	140,329	1/2	124,617	1/2	108,903
3/4	3/4	3/4	3/4	3/4	3/4	3/4	218,109	3/4	202,675	3/4	187,052	3/4	171,423	3/4	155,712	3/4	140,002	3/4	124,290	3/4	108,576
3		3		3		3	217,836	3	202,349	3	186,726	3	171,095	3	155,385	3	139,675	3	123,962	3	108,248
1/4	1/4	1/4	1/4	1/4	1/4	1/4	217,523	1/4	202,024	1/4	186,401	1/4	170,768	1/4	155,058	1/4	139,347	1/4	123,635	1/4	107,921
1/2	1/2	1/2	1/2	1/2	1/2	1/2	217,209	1/2	201,698	1/2	186,075	1/2	170,441	1/2	154,730	1/2	139,020	1/2	123,308	1/2	107,593
3/4	3/4	3/4	3/4	3/4	3/4	3/4	216,896	3/4	201,373	3/4	185,750	3/4	170,113	3/4	154,403	3/4	138,693	3/4	122,980	3/4	107,266
4		4		4		4	216,582	4	201,047	4	185,424	4	169,786	4	154,076	4	138,365	4	122,653	4	106,939
1/4	1/4	1/4	1/4	1/4	1/4	1/4	216,263	1/4	200,722	1/4	185,099	1/4	169,459	1/4	153,748	1/4	138,038	1/4	122,325	1/4	106,611
1/2	1/2	1/2	1/2	1/2	1/2	1/2	215,943	1/2	200,396	1/2	184,773	1/2	169,132	1/2	153,421	1/2	137,711	1/2	121,998	1/2	106,284
3/4	3/4	3/4	3/4	3/4	3/4	3/4	215,624	3/4	200,071	3/4	184,448	3/4	168,804	3/4	153,094	3/4	137,383	3/4	121,671	3/4	105,957
5		5		5		5	215,305	5	199,745	5	184,123	5	168,477	5	152,767	5	137,056	5	121,343	5	105,629
1/4	1/4	1/4	1/4	1/4	1/4	1/4	214,984	1/4	199,420	1/4	183,797	1/4	168,150	1/4	152,439	1/4	136,729	1/4	121,016	1/4	105,302
1/2	1/2	1/2	1/2	1/2	1/2	1/2	214,663	1/2	199,094	1/2	183,472	1/2	167,822	1/2	152,112	1/2	136,402	1/2	120,689	1/2	104,974
3/4	3/4	3/4	3/4	3/4	3/4	3/4	214,343	3/4	198,769	3/4	183,146	3/4	167,495	3/4	151,785	3/4	136,074	3/4	120,361	3/4	104,647
6		6		6		6	214,022	6	198,443	6	182,821	6	167,168	6	151,457	6	135,747	6	120,034	6	104,320
1/4	1/4	1/4	1/4	1/4	1/4	1/4	213,701	1/4	198,118	1/4	182,495	1/4	166,840	1/4	151,130	1/4	135,420	1/4	119,706	1/4	103,992
1/2	1/2	1/2	1/2	1/2	1/2	1/2	213,380	1/2	197,792	1/2	182,170	1/2	166,513	1/2	150,803	1/2	135,092	1/2	119,379	1/2	103,665
3/4	3/4	3/4	3/4	3/4	3/4	3/4	213,058	3/4	197,467	3/4	181,844	3/4	166,186	3/4	150,475	3/4	134,765	3/4	119,052	3/4	103,338
7		7		7		7	212,737	7	197,141	7	181,519	7	165,859	7	150,148	7	134,438	7	118,724	7	103,010
1/4	1/4	1/4	1/4	1/4	1/4	1/4	212,415	1/4	196,816	1/4	181,193	1/4	165,531	1/4	149,821	1/4	134,110	1/4	118,397	1/4	102,683
1/2	1/2	1/2	1/2	1/2	1/2	1/2	212,094	1/2	196,491	1/2	180,868	1/2	165,204	1/2	149,494	1/2	133,783	1/2	118,070	1/2	102,355
3/4	3/4	3/4	3/4	3/4	3/4	3/4	211,772	3/4	196,165	3/4	180,542	3/4	164,877	3/4	149,166	3/4	133,456	3/4	117,742	3/4	102,028
8		8		8		8	211,450	8	195,840	8	180,217	8	164,549	8	148,839	8	133,129	8	117,415	8	101,701
1/4	1/4	1/4	1/4	1/4	1/4	1/4	211,128	1/4	195,514	1/4	179,891	1/4	164,222	1/4	148,512	1/4	132,801	1/4	117,087	1/4	101,373
1/2	1/2	1/2	1/2	1/2	1/2	1/2	210,805	1/2	195,189	1/2	179,566	1/2	163,895	1/2	148,184	1/2	132,474	1/2	116,760	1/2	101,046
3/4	3/4	3/4	3/4	3/4	3/4	3/4	210,483	3/4	194,863	3/4	179,240	3/4	163,567	3/4	147,857	3/4	132,147	3/4	116,433	3/4	100,718
9		9		9		9	210,160	9	194,538	9	178,915	9	163,240	9	147,530	9	131,819	9	116,105	9	100,391
1/4	1/4	1/4	1/4	1/4	1/4	1/4	209,835	1/4	194,212	1/4	178,589	1/4	162,913	1/4	147,202	1/4	131,492	1/4	115,778	1/4	100,064
1/2	1/2	1/2	1/2	1/2	1/2	1/2	209,509	1/2	193,887	1/2	178,264	1/2	162,586	1/2	146,875	1/2	131,165	1/2	115,450	1/2	99,736
3/4	3/4	3/4	3/4	3/4	3/4	3/4	209,184	3/4	193,561	3/4	177,939	3/4	162,258	3/4	146,548	3/4	130,837	3/4	115,123	3/4	99,409
10		10		10		10	208,859	10	193,236	10	177,613	10	161,931	10	146,221	10	130,510	10	114,796	10	99,082
1/4	1/4	1/4	1/4	1/4	1/4	1/4	208,533	1/4	192,910	1/4	177,288	1/4	161,604	1/4	145,893	1/4	130,182	1/4	114,468	1/4	98,754
1/2	1/2	1/2	1/2	1/2	1/2	1/2	208,208	1/2	192,585	1/2	176,962	1/2	161,276	1/2	145,566	1/2	129,855	1/2	114,141	1/2	98,427
3/4	3/4	3/4	3/4	3/4	3/4	3/4	207,882	3/4	192,259	3/4	176,637	3/4	160,949	3/4	145,239	3/4	129,528	3/4	113,814	3/4	98,099
11		11		11		11	207,557	11	191,934	11	176,311	11	160,622	11	144,911	11	129,200	11	113,486	11	97,772
1/4	1/4	1/4	1/4	1/4	1/4	1/4	207,231	1/4	191,608	1/4	175,986	1/4	160,294	1/4	144,584	1/4	128,873	1/4	113,159	1/4	97,445
1/2	1/2	1/2	1/2	1/2	1/2	1/2	206,906	1/2	191,283	1/2	175,660	1/2	159,967	1/2	144,257	1/2	128,546	1/2	112,831	1/2	97,117
3/4	3/4	3/4	3/4	3/4	3/4	3/4	206,580	3/4	190,957	3/4	175,335	3/4	159,640	3/4	143,929	3/4	128,218	3/4	112,504	3/4	96,790

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 306"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	96,463	0	80,748	0	65,034	0	49,320	0	33,646	0	18,130	0	4,093	0		0		0	
1/4	96,135	1/4	80,421	1/4	64,707	1/4	48,993	1/4	33,319	1/4	17,819	1/4	3,824	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,808	1/2	80,094	1/2	64,380	1/2	48,666	1/2	32,992	1/2	17,508	1/2	3,554	1/2	1/2	1/2	1/2	1/2	1/2
3/4	95,480	3/4	79,766	3/4	64,052	3/4	48,338	3/4	32,665	3/4	17,197	3/4	3,284	3/4	3/4	3/4	3/4	3/4	3/4
1	95,153	1	79,439	1	63,725	1	48,011	1	32,338	1	16,886	1	3,015	1	1	1	1	1	1
1/4	94,826	1/4	79,112	1/4	63,397	1/4	47,684	1/4	32,011	1/4	16,578	1/4	2,754	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,498	1/2	78,784	1/2	63,070	1/2	47,357	1/2	31,684	1/2	16,270	1/2	2,494	1/2	1/2	1/2	1/2	1/2	1/2
3/4	94,171	3/4	78,457	3/4	62,743	3/4	47,030	3/4	31,358	3/4	15,962	3/4	2,233	3/4	3/4	3/4	3/4	3/4	3/4
2	93,844	2	78,129	2	62,415	2	46,703	2	31,031	2	15,654	2	1,973	2	2	2	2	2	2
1/4	93,516	1/4	77,802	1/4	62,088	1/4	46,376	1/4	30,704	1/4	15,350	1/4	1,761	1/4	1/4	1/4	1/4	1/4	1/4
1/2	93,189	1/2	77,475	1/2	61,761	1/2	46,049	1/2	30,377	1/2	15,046	1/2	1,548	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,861	3/4	77,147	3/4	61,433	3/4	45,722	3/4	30,050	3/4	14,741	3/4	1,336	3/4	3/4	3/4	3/4	3/4	3/4
3	92,534	3	76,820	3	61,106	3	45,395	3	29,723	3	14,437	3	1,124	3	3	3	3	3	3
1/4	92,207	1/4	76,493	1/4	60,778	1/4	45,068	1/4	29,395	1/4	14,136	1/4	989	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,879	1/2	76,165	1/2	60,451	1/2	44,742	1/2	29,068	1/2	13,835	1/2	854	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,552	3/4	75,838	3/4	60,124	3/4	44,415	3/4	28,741	3/4	13,534	3/4	719	3/4	3/4	3/4	3/4	3/4	3/4
4	91,225	4	75,510	4	59,796	4	44,088	4	28,413	4	13,233	4	585	4	4	4	4	4	4
1/4	90,897	1/4	75,183	1/4	59,469	1/4	43,762	1/4	28,086	1/4	12,936	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,570	1/2	74,856	1/2	59,142	1/2	43,435	1/2	27,759	1/2	12,638	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,242	3/4	74,528	3/4	58,814	3/4	43,109	3/4	27,431	3/4	12,340	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	89,915	5	74,201	5	58,487	5	42,782	5	27,104	5	12,043	5	5	5	5	5	5	5	5
1/4	89,588	1/4	73,874	1/4	58,159	1/4	42,456	1/4	26,777	1/4	11,749	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,260	1/2	73,546	1/2	57,832	1/2	42,130	1/2	26,449	1/2	11,455	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,933	3/4	73,219	3/4	57,505	3/4	41,804	3/4	26,122	3/4	11,160	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	88,606	6	72,891	6	57,177	6	41,477	6	25,794	6	10,866	6	6	6	6	6	6	6	6
1/4	88,278	1/4	72,564	1/4	56,850	1/4	41,151	1/4	25,468	1/4	10,576	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,951	1/2	72,237	1/2	56,523	1/2	40,825	1/2	25,142	1/2	10,285	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,623	3/4	71,909	3/4	56,195	3/4	40,499	3/4	24,816	3/4	9,994	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	87,296	7	71,582	7	55,868	7	40,173	7	24,489	7	9,703	7	7	7	7	7	7	7	7
1/4	86,969	1/4	71,255	1/4	55,540	1/4	39,846	1/4	24,171	1/4	9,416	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,641	1/2	70,927	1/2	55,213	1/2	39,520	1/2	23,852	1/2	9,129	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,314	3/4	70,600	3/4	54,886	3/4	39,194	3/4	23,534	3/4	8,841	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	85,986	8	70,272	8	54,558	8	38,868	8	23,215	8	8,554	8	8	8	8	8	8	8	8
1/4	85,659	1/4	69,945	1/4	54,231	1/4	38,542	1/4	22,898	1/4	8,270	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,332	1/2	69,618	1/2	53,903	1/2	38,216	1/2	22,581	1/2	7,986	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,004	3/4	69,290	3/4	53,576	3/4	37,889	3/4	22,263	3/4	7,702	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	84,677	9	68,963	9	53,249	9	37,563	9	21,946	9	7,418	9	9	9	9	9	9	9	9
1/4	84,350	1/4	68,635	1/4	52,921	1/4	37,237	1/4	21,625	1/4	7,138	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,022	1/2	68,308	1/2	52,594	1/2	36,911	1/2	21,303	1/2	6,857	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,695	3/4	67,981	3/4	52,267	3/4	36,585	3/4	20,982	3/4	6,577	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	83,367	10	67,653	10	51,939	10	36,258	10	20,661	10	6,296	10	10	10	10	10	10	10	10
1/4	83,040	1/4	67,326	1/4	51,612	1/4	35,932	1/4	20,343	1/4	6,019	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,713	1/2	66,999	1/2	51,284	1/2	35,606	1/2	20,025	1/2	5,742	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,385	3/4	66,671	3/4	50,957	3/4	35,280	3/4	19,707	3/4	5,465	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	82,058	11	66,344	11	50,630	11	34,953	11	19,389	11	5,188	11	11	11	11	11	11	11	11
1/4	81,731	1/4	66,016	1/4	50,302	1/4	34,627	1/4	19,074	1/4	4,914	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,403	1/2	65,689	1/2	49,975	1/2	34,300	1/2	18,759	1/2	4,641	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,076	3/4	65,362	3/4	49,648	3/4	33,973	3/4	18,445	3/4	4,367	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 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 306"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	202,032	0	186,972	0	171,912	0	156,782	0	141,635	0	126,486	0	111,335
1/4	1/4	1/4	1/4	1/4	1/4	1/4	201,719	1/4	186,659	1/4	171,599	1/4	156,467	1/4	141,319	1/4	126,171	1/4	111,019
1/2	1/2	1/2	1/2	1/2	1/2	1/2	201,405	1/2	186,345	1/2	171,285	1/2	156,151	1/2	141,003	1/2	125,855	1/2	110,704
3/4	3/4	3/4	3/4	3/4	3/4	3/4	201,091	3/4	186,031	3/4	170,971	3/4	155,835	3/4	140,688	3/4	125,539	3/4	110,388
1		1		1	214,784	1	200,777	1	185,717	1	170,657	1	155,520	1	140,372	1	125,224	1	110,072
1/4	1/4	1/4	1/4	1/4	214,625	1/4	200,464	1/4	185,404	1/4	170,344	1/4	155,204	1/4	140,057	1/4	124,908	1/4	109,757
1/2	1/2	1/2	1/2	1/2	214,466	1/2	200,150	1/2	185,090	1/2	170,030	1/2	154,889	1/2	139,741	1/2	124,592	1/2	109,441
3/4	3/4	3/4	3/4	3/4	214,254	3/4	199,836	3/4	184,776	3/4	169,716	3/4	154,573	3/4	139,426	3/4	124,277	3/4	109,125
2		2		2	214,043	2	199,522	2	184,462	2	169,402	2	154,258	2	139,110	2	123,961	2	108,810
1/4	1/4	1/4	1/4	1/4	213,831	1/4	199,209	1/4	184,149	1/4	169,088	1/4	153,942	1/4	138,794	1/4	123,645	1/4	108,494
1/2	1/2	1/2	1/2	1/2	213,619	1/2	198,895	1/2	183,835	1/2	168,774	1/2	153,626	1/2	138,479	1/2	123,330	1/2	108,178
3/4	3/4	3/4	3/4	3/4	213,356	3/4	198,581	3/4	183,521	3/4	168,458	3/4	153,311	3/4	138,163	3/4	123,014	3/4	107,863
3		3		3	213,093	3	198,267	3	183,207	3	168,143	3	152,995	3	137,848	3	122,698	3	107,547
1/4	1/4	1/4	1/4	1/4	212,830	1/4	197,954	1/4	182,894	1/4	167,827	1/4	152,680	1/4	137,532	1/4	122,383	1/4	107,231
1/2	1/2	1/2	1/2	1/2	212,566	1/2	197,640	1/2	182,580	1/2	167,512	1/2	152,364	1/2	137,217	1/2	122,067	1/2	106,916
3/4	3/4	3/4	3/4	3/4	212,264	3/4	197,326	3/4	182,266	3/4	167,196	3/4	152,049	3/4	136,901	3/4	121,751	3/4	106,600
4		4		4	211,962	4	197,012	4	181,952	4	166,881	4	151,733	4	136,585	4	121,436	4	106,284
1/4	1/4	1/4	1/4	1/4	211,660	1/4	196,699	1/4	181,639	1/4	166,565	1/4	151,417	1/4	136,270	1/4	121,120	1/4	105,969
1/2	1/2	1/2	1/2	1/2	211,358	1/2	196,385	1/2	181,325	1/2	166,249	1/2	151,102	1/2	135,954	1/2	120,804	1/2	105,653
3/4	3/4	3/4	3/4	3/4	211,050	3/4	196,071	3/4	181,011	3/4	165,934	3/4	150,786	3/4	135,639	3/4	120,489	3/4	105,338
5		5		5	210,742	5	195,757	5	180,697	5	165,618	5	150,471	5	135,323	5	120,173	5	105,022
1/4	1/4	1/4	1/4	1/4	210,435	1/4	195,444	1/4	180,384	1/4	165,303	1/4	150,155	1/4	135,008	1/4	119,858	1/4	104,706
1/2	1/2	1/2	1/2	1/2	210,127	1/2	195,130	1/2	180,070	1/2	164,987	1/2	149,840	1/2	134,692	1/2	119,542	1/2	104,391
3/4	3/4	3/4	3/4	3/4	209,818	3/4	194,816	3/4	179,756	3/4	164,672	3/4	149,524	3/4	134,376	3/4	119,226	3/4	104,075
6		6		6	209,509	6	194,502	6	179,442	6	164,356	6	149,208	6	134,061	6	118,911	6	103,759
1/4	1/4	1/4	1/4	1/4	209,200	1/4	194,189	1/4	179,129	1/4	164,040	1/4	148,893	1/4	133,745	1/4	118,595	1/4	103,444
1/2	1/2	1/2	1/2	1/2	208,891	1/2	193,875	1/2	178,815	1/2	163,725	1/2	148,577	1/2	133,430	1/2	118,279	1/2	103,128
3/4	3/4	3/4	3/4	3/4	208,582	3/4	193,561	3/4	178,501	3/4	163,409	3/4	148,262	3/4	133,114	3/4	117,964	3/4	102,812
7		7		7	208,272	7	193,247	7	178,187	7	163,094	7	147,946	7	132,799	7	117,648	7	102,497
1/4	1/4	1/4	1/4	1/4	207,963	1/4	192,934	1/4	177,874	1/4	162,778	1/4	147,631	1/4	132,483	1/4	117,332	1/4	102,181
1/2	1/2	1/2	1/2	1/2	207,653	1/2	192,620	1/2	177,560	1/2	162,463	1/2	147,315	1/2	132,167	1/2	117,017	1/2	101,865
3/4	3/4	3/4	3/4	3/4	207,343	3/4	192,306	3/4	177,246	3/4	162,147	3/4	146,999	3/4	131,852	3/4	116,701	3/4	101,550
8		8		8	207,033	8	191,992	8	176,932	8	161,831	8	146,684	8	131,536	8	116,385	8	101,234
1/4	1/4	1/4	1/4	1/4	206,723	1/4	191,679	1/4	176,619	1/4	161,516	1/4	146,368	1/4	131,221	1/4	116,070	1/4	100,918
1/2	1/2	1/2	1/2	1/2	206,413	1/2	191,365	1/2	176,305	1/2	161,200	1/2	146,053	1/2	130,905	1/2	115,754	1/2	100,603
3/4	3/4	3/4	3/4	3/4	206,102	3/4	191,051	3/4	175,991	3/4	160,885	3/4	145,737	3/4	130,589	3/4	115,438	3/4	100,287
9		9		9	205,791	9	190,737	9	175,677	9	160,569	9	145,421	9	130,274	9	115,123	9	99,971
1/4	1/4	1/4	1/4	1/4	205,481	1/4	190,424	1/4	175,364	1/4	160,253	1/4	145,106	1/4	129,958	1/4	114,807	1/4	99,656
1/2	1/2	1/2	1/2	1/2	205,170	1/2	190,110	1/2	175,050	1/2	159,938	1/2	144,790	1/2	129,643	1/2	114,491	1/2	99,340
3/4	3/4	3/4	3/4	3/4	204,856	3/4	189,796	3/4	174,736	3/4	159,622	3/4	144,475	3/4	129,327	3/4	114,176	3/4	99,024
10		10		10	204,542	10	189,482	10	174,422	10	159,307	10	144,159	10	129,011	10	113,860	10	98,709
1/4	1/4	1/4	1/4	1/4	204,229	1/4	189,169	1/4	174,109	1/4	158,991	1/4	143,844	1/4	128,696	1/4	113,544	1/4	98,393
1/2	1/2	1/2	1/2	1/2	203,915	1/2	188,855	1/2	173,795	1/2	158,676	1/2	143,528	1/2	128,380	1/2	113,229	1/2	98,078
3/4	3/4	3/4	3/4	3/4	203,601	3/4	188,541	3/4	173,481	3/4	158,360	3/4	143,212	3/4	128,064	3/4	112,913	3/4	97,762
11		11		11	203,287	11	188,227	11	173,167	11	158,044	11	142,897	11	127,749	11	112,598	11	97,446
1/4	1/4	1/4	1/4	1/4	202,974	1/4	187,914	1/4	172,854	1/4	157,729	1/4	142,581	1/4	127,433	1/4	112,282	1/4	97,131
1/2	1/2	1/2	1/2	1/2	202,660	1/2	187,600	1/2	172,540	1/2	157,413	1/2	142,266	1/2	127,118	1/2	111,966	1/2	96,815
3/4	3/4	3/4	3/4	3/4	202,346	3/4	187,286	3/4	172,226	3/4	157,098	3/4	141,950	3/4	126,802	3/4	111,651	3/4	96,499

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 306"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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	96,184	0	81,032	0	65,881	0	50,730	0	35,838	0	20,687	0	5,536	0		0		0	
1/4	95,868	1/4	80,717	1/4	65,565	1/4	50,414	1/4	35,522	1/4	20,371	1/4	5,221	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,552	1/2	80,401	1/2	65,250	1/2	50,098	1/2	35,207	1/2	20,056	1/2	4,905	1/2	1/2	1/2	1/2	1/2	1/2
3/4	95,237	3/4	80,085	3/4	64,934	3/4	49,784	3/4	34,891	3/4	19,740	3/4	4,590	3/4	3/4	3/4	3/4	3/4	3/4
1	94,921	1	79,770	1	64,618	1	49,469	1	34,575	1	19,424	1	4,275	1	1	1	1	1	1
1/4	94,605	1/4	79,454	1/4	64,303	1/4	49,154	1/4	34,260	1/4	19,109	1/4	3,960	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,290	1/2	79,138	1/2	63,987	1/2	48,839	1/2	33,944	1/2	18,793	1/2	3,645	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,974	3/4	78,823	3/4	63,671	3/4	48,529	3/4	33,628	3/4	18,478	3/4	3,336	3/4	3/4	3/4	3/4	3/4	3/4
2	93,658	2	78,507	2	63,356	2	48,220	2	33,313	2	18,162	2	3,026	2	2	2	2	2	2
1/4	93,343	1/4	78,191	1/4	63,040	1/4	47,911	1/4	32,997	1/4	17,846	1/4	2,717	1/4	1/4	1/4	1/4	1/4	1/4
1/2	93,027	1/2	77,876	1/2	62,724	1/2	47,601	1/2	32,681	1/2	17,531	1/2	2,407	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,711	3/4	77,560	3/4	62,409	3/4	47,292	3/4	32,366	3/4	17,215	3/4	2,141	3/4	3/4	3/4	3/4	3/4	3/4
3	92,396	3	77,244	3	62,093	3	46,982	3	32,050	3	16,899	3	1,875	3	3	3	3	3	3
1/4	92,080	1/4	76,929	1/4	61,778	1/4	46,673	1/4	31,735	1/4	16,584	1/4	1,609	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,764	1/2	76,613	1/2	61,462	1/2	46,364	1/2	31,419	1/2	16,268	1/2	1,342	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,449	3/4	76,298	3/4	61,146	3/4	46,054	3/4	31,103	3/4	15,952	3/4	1,155	3/4	3/4	3/4	3/4	3/4	3/4
4	91,133	4	75,982	4	60,831	4	45,745	4	30,788	4	15,637	4	968	4	4	4	4	4	4
1/4	90,818	1/4	75,666	1/4	60,515	1/4	45,436	1/4	30,472	1/4	15,321	1/4	780	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,502	1/2	75,351	1/2	60,199	1/2	45,127	1/2	30,156	1/2	15,005	1/2	593	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,186	3/4	75,035	3/4	59,884	3/4	44,818	3/4	29,841	3/4	14,690	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	89,871	5	74,719	5	59,568	5	44,509	5	29,525	5	14,374	5		5	5	5	5	5	5
1/4	89,555	1/4	74,404	1/4	59,252	1/4	44,200	1/4	29,209	1/4	14,059	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,239	1/2	74,088	1/2	58,937	1/2	43,891	1/2	28,894	1/2	13,743	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,924	3/4	73,772	3/4	58,621	3/4	43,582	3/4	28,578	3/4	13,427	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	88,608	6	73,457	6	58,305	6	43,273	6	28,262	6	13,112	6	6	6	6	6	6	6	6
1/4	88,292	1/4	73,141	1/4	57,990	1/4	42,963	1/4	27,947	1/4	12,796	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,977	1/2	72,825	1/2	57,674	1/2	42,654	1/2	27,631	1/2	12,480	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,661	3/4	72,510	3/4	57,358	3/4	42,345	3/4	27,316	3/4	12,165	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	87,345	7	72,194	7	57,043	7	42,036	7	27,000	7	11,849	7	7	7	7	7	7	7	7
1/4	87,030	1/4	71,878	1/4	56,727	1/4	41,727	1/4	26,684	1/4	11,533	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,714	1/2	71,563	1/2	56,411	1/2	41,418	1/2	26,369	1/2	11,218	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,398	3/4	71,247	3/4	56,096	3/4	41,109	3/4	26,053	3/4	10,902	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	86,083	8	70,931	8	55,780	8	40,800	8	25,737	8	10,586	8	8	8	8	8	8	8	8
1/4	85,767	1/4	70,616	1/4	55,464	1/4	40,491	1/4	25,422	1/4	10,271	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,451	1/2	70,300	1/2	55,149	1/2	40,182	1/2	25,106	1/2	9,955	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,136	3/4	69,984	3/4	54,833	3/4	39,873	3/4	24,790	3/4	9,640	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	84,820	9	69,669	9	54,518	9	39,563	9	24,475	9	9,324	9	9	9	9	9	9	9	9
1/4	84,504	1/4	69,353	1/4	54,202	1/4	39,254	1/4	24,159	1/4	9,008	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,189	1/2	69,038	1/2	53,886	1/2	38,945	1/2	23,843	1/2	8,693	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,873	3/4	68,722	3/4	53,571	3/4	38,636	3/4	23,528	3/4	8,377	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	83,558	10	68,406	10	53,255	10	38,327	10	23,212	10	8,061	10	10	10	10	10	10	10	10
1/4	83,242	1/4	68,091	1/4	52,939	1/4	38,018	1/4	22,897	1/4	7,746	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,926	1/2	67,775	1/2	52,624	1/2	37,709	1/2	22,581	1/2	7,430	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,611	3/4	67,459	3/4	52,308	3/4	37,399	3/4	22,265	3/4	7,114	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	82,295	11	67,144	11	51,992	11	37,089	11	21,950	11	6,799	11	11	11	11	11	11	11	11
1/4	81,979	1/4	66,828	1/4	51,677	1/4	36,779	1/4	21,634	1/4	6,483	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,664	1/2	66,512	1/2	51,361	1/2	36,469	1/2	21,318	1/2	6,167	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,348	3/4	66,197	3/4	51,045	3/4	36,154	3/4	21,003	3/4	5,852	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 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 306"

## 2 STBD

### ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	201,475	0	186,404	0	171,332	0	156,187	0	141,029	0	125,869	0	110,706
1/4		1/4		1/4		1/4	201,161	1/4	186,090	1/4	171,019	1/4	155,872	1/4	140,713	1/4	125,553	1/4	110,391
1/2		1/2		1/2		1/2	214,864	1/2	200,847	1/2	185,776	1/2	170,705	1/2	155,556	1/2	140,397	1/2	110,075
3/4		3/4		3/4		3/4	214,705	3/4	200,533	3/4	185,462	3/4	170,391	3/4	155,240	3/4	140,081	3/4	109,759
1		1		1		1	214,546	1	200,219	1	185,148	1	170,077	1	154,924	1	139,765	1	109,443
1/4		1/4		1/4		1/4	214,334	1/4	199,905	1/4	184,834	1/4	169,762	1/4	154,608	1/4	139,450	1/4	109,127
1/2		1/2		1/2		1/2	214,122	1/2	199,591	1/2	184,520	1/2	169,448	1/2	154,293	1/2	139,134	1/2	108,811
3/4		3/4		3/4		3/4	213,910	3/4	199,277	3/4	184,206	3/4	169,134	3/4	153,977	3/4	138,818	3/4	108,495
2		2		2		2	213,698	2	198,963	2	183,892	2	168,820	2	153,661	2	138,502	2	108,179
1/4		1/4		1/4		1/4	213,435	1/4	198,649	1/4	183,578	1/4	168,504	1/4	153,345	1/4	138,186	1/4	107,864
1/2		1/2		1/2		1/2	213,171	1/2	198,335	1/2	183,264	1/2	168,188	1/2	153,029	1/2	137,871	1/2	107,548
3/4		3/4		3/4		3/4	212,908	3/4	198,021	3/4	182,950	3/4	167,872	3/4	152,714	3/4	137,555	3/4	107,232
3		3		3		3	212,644	3	197,707	3	182,636	3	167,556	3	152,398	3	137,239	3	106,916
1/4		1/4		1/4		1/4	212,342	1/4	197,393	1/4	182,322	1/4	167,241	1/4	152,082	1/4	136,923	1/4	106,600
1/2		1/2		1/2		1/2	212,040	1/2	197,079	1/2	182,008	1/2	166,925	1/2	151,766	1/2	136,607	1/2	106,284
3/4		3/4		3/4		3/4	211,737	3/4	196,765	3/4	181,694	3/4	166,609	3/4	151,450	3/4	136,292	3/4	105,968
4		4		4		4	211,435	4	196,451	4	181,380	4	166,293	4	151,135	4	135,976	4	105,652
1/4		1/4		1/4		1/4	211,127	1/4	196,137	1/4	181,066	1/4	165,977	1/4	150,819	1/4	135,660	1/4	105,336
1/2		1/2		1/2		1/2	210,819	1/2	195,823	1/2	180,752	1/2	165,662	1/2	150,503	1/2	135,344	1/2	105,021
3/4		3/4		3/4		3/4	210,511	3/4	195,509	3/4	180,438	3/4	165,346	3/4	150,187	3/4	135,028	3/4	104,705
5		5		5		5	210,203	5	195,195	5	180,124	5	165,030	5	149,871	5	134,713	5	104,389
1/4		1/4		1/4		1/4	209,894	1/4	194,881	1/4	179,810	1/4	164,714	1/4	149,555	1/4	134,397	1/4	104,073
1/2		1/2		1/2		1/2	209,585	1/2	194,567	1/2	179,496	1/2	164,398	1/2	149,240	1/2	134,081	1/2	103,757
3/4		3/4		3/4		3/4	209,276	3/4	194,253	3/4	179,182	3/4	164,083	3/4	148,924	3/4	133,765	3/4	103,441
6		6		6		6	208,967	6	193,939	6	178,868	6	163,767	6	148,608	6	133,449	6	103,125
1/4		1/4		1/4		1/4	208,657	1/4	193,625	1/4	178,554	1/4	163,451	1/4	148,292	1/4	133,133	1/4	102,809
1/2		1/2		1/2		1/2	208,347	1/2	193,311	1/2	178,240	1/2	163,135	1/2	147,976	1/2	132,818	1/2	102,493
3/4		3/4		3/4		3/4	208,037	3/4	192,997	3/4	177,926	3/4	162,819	3/4	147,661	3/4	132,502	3/4	102,178
7		7		7		7	207,727	7	192,683	7	177,612	7	162,504	7	147,345	7	132,186	7	101,862
1/4		1/4		1/4		1/4	207,417	1/4	192,369	1/4	177,298	1/4	162,188	1/4	147,029	1/4	131,870	1/4	101,546
1/2		1/2		1/2		1/2	207,107	1/2	192,055	1/2	176,984	1/2	161,872	1/2	146,713	1/2	131,554	1/2	101,230
3/4		3/4		3/4		3/4	206,796	3/4	191,741	3/4	176,670	3/4	161,556	3/4	146,397	3/4	131,239	3/4	100,914
8		8		8		8	206,486	8	191,427	8	176,356	8	161,240	8	146,082	8	130,923	8	100,598
1/4		1/4		1/4		1/4	206,175	1/4	191,113	1/4	176,042	1/4	160,925	1/4	145,766	1/4	130,607	1/4	100,282
1/2		1/2		1/2		1/2	205,864	1/2	190,799	1/2	175,728	1/2	160,609	1/2	145,450	1/2	130,291	1/2	99,966
3/4		3/4		3/4		3/4	205,553	3/4	190,485	3/4	175,414	3/4	160,293	3/4	145,134	3/4	129,975	3/4	99,650
9		9		9		9	205,243	9	190,171	9	175,100	9	159,977	9	144,818	9	129,660	9	99,335
1/4		1/4		1/4		1/4	204,929	1/4	189,857	1/4	174,786	1/4	159,661	1/4	144,503	1/4	129,344	1/4	99,019
1/2		1/2		1/2		1/2	204,615	1/2	189,543	1/2	174,472	1/2	159,345	1/2	144,187	1/2	129,028	1/2	98,703
3/4		3/4		3/4		3/4	204,301	3/4	189,229	3/4	174,158	3/4	159,030	3/4	143,871	3/4	128,712	3/4	98,387
10		10		10		10	203,987	10	188,916	10	173,844	10	158,714	10	143,555	10	128,396	10	98,071
1/4		1/4		1/4		1/4	203,673	1/4	188,602	1/4	173,530	1/4	158,398	1/4	143,239	1/4	128,080	1/4	97,755
1/2		1/2		1/2		1/2	203,359	1/2	188,288	1/2	173,216	1/2	158,082	1/2	142,924	1/2	127,764	1/2	97,439
3/4		3/4		3/4		3/4	203,045	3/4	187,974	3/4	172,902	3/4	157,766	3/4	142,608	3/4	127,448	3/4	97,123
11		11		11		11	202,731	11	187,660	11	172,588	11	157,451	11	142,292	11	127,133	11	96,808
1/4		1/4		1/4		1/4	202,417	1/4	187,346	1/4	172,274	1/4	157,135	1/4	141,976	1/4	126,817	1/4	96,492
1/2		1/2		1/2		1/2	202,103	1/2	187,032	1/2	171,960	1/2	156,819	1/2	141,660	1/2	126,501	1/2	96,176
3/4		3/4		3/4		3/4	201,789	3/4	186,718	3/4	171,646	3/4	156,503	3/4	141,344	3/4	126,185	3/4	95,860

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 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 306"

## 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	95,544	0	80,381	0	65,219	0	50,057	0	35,206	0	20,071	0	4,909	0		0		0	
1/4	95,228	1/4	80,066	1/4	64,903	1/4	49,741	1/4	34,897	1/4	19,755	1/4	4,594	1/4	1/4		1/4		1/4
1/2	94,912	1/2	79,750	1/2	64,587	1/2	49,425	1/2	34,588	1/2	19,439	1/2	4,278	1/2	1/2		1/2		1/2
3/4	94,596	3/4	79,434	3/4	64,271	3/4	49,110	3/4	34,278	3/4	19,123	3/4	3,963	3/4	3/4		3/4		3/4
1	94,280	1	79,118	1	63,955	1	48,794	1	33,969	1	18,807	1	3,648	1	1		1		1
1/4	93,965	1/4	78,802	1/4	63,640	1/4	48,480	1/4	33,653	1/4	18,491	1/4	3,338	1/4	1/4		1/4		1/4
1/2	93,649	1/2	78,486	1/2	63,324	1/2	48,166	1/2	33,337	1/2	18,175	1/2	3,028	1/2	1/2		1/2		1/2
3/4	93,333	3/4	78,170	3/4	63,008	3/4	47,852	3/4	33,021	3/4	17,859	3/4	2,719	3/4	3/4		3/4		3/4
2	93,017	2	77,854	2	62,692	2	47,538	2	32,706	2	17,544	2	2,409	2	2		2		2
1/4	92,701	1/4	77,539	1/4	62,376	1/4	47,225	1/4	32,390	1/4	17,228	1/4	2,143	1/4	1/4		1/4		1/4
1/2	92,385	1/2	77,223	1/2	62,060	1/2	46,912	1/2	32,074	1/2	16,912	1/2	1,876	1/2	1/2		1/2		1/2
3/4	92,069	3/4	76,907	3/4	61,744	3/4	46,598	3/4	31,758	3/4	16,596	3/4	1,610	3/4	3/4		3/4		3/4
3	91,753	3	76,591	3	61,428	3	46,285	3	31,442	3	16,280	3	1,343	3	3		3		3
1/4	91,437	1/4	76,275	1/4	61,112	1/4	45,978	1/4	31,126	1/4	15,964	1/4	1,156	1/4	1/4		1/4		1/4
1/2	91,122	1/2	75,959	1/2	60,797	1/2	45,670	1/2	30,810	1/2	15,648	1/2	968	1/2	1/2		1/2		1/2
3/4	90,806	3/4	75,643	3/4	60,481	3/4	45,362	3/4	30,494	3/4	15,332	3/4	781	3/4	3/4		3/4		3/4
4	90,490	4	75,327	4	60,165	4	45,055	4	30,179	4	15,017	4	593	4	4		4		4
1/4	90,174	1/4	75,011	1/4	59,849	1/4	44,747	1/4	29,863	1/4	14,701	1/4		1/4	1/4		1/4		1/4
1/2	89,858	1/2	74,696	1/2	59,533	1/2	44,439	1/2	29,547	1/2	14,385	1/2		1/2	1/2		1/2		1/2
3/4	89,542	3/4	74,380	3/4	59,217	3/4	44,132	3/4	29,231	3/4	14,069	3/4		3/4	3/4		3/4		3/4
5	89,226	5	74,064	5	58,901	5	43,824	5	28,915	5	13,753	5		5	5		5		5
1/4	88,910	1/4	73,748	1/4	58,585	1/4	43,516	1/4	28,599	1/4	13,437	1/4		1/4	1/4		1/4		1/4
1/2	88,595	1/2	73,432	1/2	58,270	1/2	43,209	1/2	28,283	1/2	13,121	1/2		1/2	1/2		1/2		1/2
3/4	88,279	3/4	73,116	3/4	57,954	3/4	42,901	3/4	27,967	3/4	12,805	3/4		3/4	3/4		3/4		3/4
6	87,963	6	72,800	6	57,638	6	42,593	6	27,652	6	12,490	6		6	6		6		6
1/4	87,647	1/4	72,484	1/4	57,322	1/4	42,286	1/4	27,336	1/4	12,174	1/4		1/4	1/4		1/4		1/4
1/2	87,331	1/2	72,168	1/2	57,006	1/2	41,978	1/2	27,020	1/2	11,858	1/2		1/2	1/2		1/2		1/2
3/4	87,015	3/4	71,853	3/4	56,690	3/4	41,670	3/4	26,704	3/4	11,542	3/4		3/4	3/4		3/4		3/4
7	86,699	7	71,537	7	56,374	7	41,363	7	26,388	7	11,226	7		7	7		7		7
1/4	86,383	1/4	71,221	1/4	56,058	1/4	41,055	1/4	26,072	1/4	10,910	1/4		1/4	1/4		1/4		1/4
1/2	86,067	1/2	70,905	1/2	55,742	1/2	40,747	1/2	25,756	1/2	10,594	1/2		1/2	1/2		1/2		1/2
3/4	85,752	3/4	70,589	3/4	55,427	3/4	40,440	3/4	25,440	3/4	10,278	3/4		3/4	3/4		3/4		3/4
8	85,436	8	70,273	8	55,111	8	40,132	8	25,125	8	9,963	8		8	8		8		8
1/4	85,120	1/4	69,957	1/4	54,795	1/4	39,824	1/4	24,809	1/4	9,647	1/4		1/4	1/4		1/4		1/4
1/2	84,804	1/2	69,641	1/2	54,479	1/2	39,517	1/2	24,493	1/2	9,331	1/2		1/2	1/2		1/2		1/2
3/4	84,488	3/4	69,326	3/4	54,163	3/4	39,209	3/4	24,177	3/4	9,015	3/4		3/4	3/4		3/4		3/4
9	84,172	9	69,010	9	53,847	9	38,901	9	23,861	9	8,699	9		9	9		9		9
1/4	83,856	1/4	68,694	1/4	53,531	1/4	38,594	1/4	23,545	1/4	8,383	1/4		1/4	1/4		1/4		1/4
1/2	83,540	1/2	68,378	1/2	53,215	1/2	38,286	1/2	23,229	1/2	8,067	1/2		1/2	1/2		1/2		1/2
3/4	83,224	3/4	68,062	3/4	52,899	3/4	37,978	3/4	22,913	3/4	7,751	3/4		3/4	3/4		3/4		3/4
10	82,909	10	67,746	10	52,584	10	37,671	10	22,598	10	7,436	10		10	10		10		10
1/4	82,593	1/4	67,430	1/4	52,268	1/4	37,363	1/4	22,282	1/4	7,120	1/4		1/4	1/4		1/4		1/4
1/2	82,277	1/2	67,114	1/2	51,952	1/2	37,055	1/2	21,966	1/2	6,804	1/2		1/2	1/2		1/2		1/2
3/4	81,961	3/4	66,798	3/4	51,636	3/4	36,748	3/4	21,650	3/4	6,488	3/4		3/4	3/4		3/4		3/4
11	81,645	11	66,483	11	51,320	11	36,440	11	21,334	11	6,172	11		11	11		11		11
1/4	81,329	1/4	66,167	1/4	51,004	1/4	36,131	1/4	21,018	1/4	5,856	1/4		1/4	1/4		1/4		1/4
1/2	81,013	1/2	65,851	1/2	50,688	1/2	35,823	1/2	20,702	1/2	5,540	1/2		1/2	1/2		1/2		1/2
3/4	80,697	3/4	65,535	3/4	50,372	3/4	35,515	3/4	20,386	3/4	5,225	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 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 306"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	205,983	0	194,874	0	182,931	0	170,989	0	158,983	0	144,318	0	128,737	0	113,156
1/4	1/4	1/4	1/4	1/4	205,857	1/4	194,625	1/4	182,683	1/4	170,741	1/4	158,730	1/4	143,993	1/4	128,413	1/4	112,831
1/2	1/2	1/2	1/2	1/2	205,731	1/2	194,376	1/2	182,434	1/2	170,492	1/2	158,477	1/2	143,669	1/2	128,088	1/2	112,507
3/4	3/4	3/4	3/4	3/4	205,563	3/4	194,127	3/4	182,185	3/4	170,243	3/4	158,215	3/4	143,344	3/4	127,763	3/4	112,182
1		1		1	205,395	1	193,878	1	181,936	1	169,994	1	157,952	1	143,019	1	127,439	1	111,858
1/4	1/4	1/4	1/4	1/4	205,227	1/4	193,630	1/4	181,688	1/4	169,745	1/4	157,690	1/4	142,695	1/4	127,114	1/4	111,534
1/2	1/2	1/2	1/2	1/2	205,059	1/2	193,381	1/2	181,439	1/2	169,496	1/2	157,427	1/2	142,370	1/2	126,790	1/2	111,209
3/4	3/4	3/4	3/4	3/4	204,850	3/4	193,132	3/4	181,190	3/4	169,246	3/4	157,152	3/4	142,046	3/4	126,465	3/4	110,885
2		2		2	204,641	2	192,883	2	180,941	2	168,996	2	156,877	2	141,721	2	126,140	2	110,561
1/4	1/4	1/4	1/4	1/4	204,432	1/4	192,634	1/4	180,692	1/4	168,745	1/4	156,602	1/4	141,396	1/4	125,816	1/4	110,236
1/2	1/2	1/2	1/2	1/2	204,223	1/2	192,386	1/2	180,444	1/2	168,495	1/2	156,327	1/2	141,072	1/2	125,491	1/2	109,912
3/4	3/4	3/4	3/4	3/4	203,984	3/4	192,137	3/4	180,195	3/4	168,245	3/4	156,039	3/4	140,747	3/4	125,167	3/4	109,588
3		3		3	203,744	3	191,888	3	179,946	3	167,995	3	155,752	3	140,423	3	124,842	3	109,263
1/4	1/4	1/4	1/4	1/4	203,504	1/4	191,639	1/4	179,697	1/4	167,745	1/4	155,464	1/4	140,098	1/4	124,517	1/4	108,939
1/2	1/2	1/2	1/2	1/2	203,265	1/2	191,390	1/2	179,448	1/2	167,495	1/2	155,176	1/2	139,774	1/2	124,193	1/2	108,615
3/4	3/4	3/4	3/4	3/4	203,021	3/4	191,142	3/4	179,200	3/4	167,245	3/4	154,876	3/4	139,449	3/4	123,868	3/4	108,290
4		4		4	202,777	4	190,893	4	178,951	4	166,994	4	154,576	4	139,124	4	123,543	4	107,966
1/4	1/4	1/4	1/4	1/4	202,533	1/4	190,644	1/4	178,702	1/4	166,744	1/4	154,276	1/4	138,800	1/4	123,219	1/4	107,642
1/2	1/2	1/2	1/2	1/2	202,289	1/2	190,395	1/2	178,453	1/2	166,494	1/2	153,975	1/2	138,475	1/2	122,894	1/2	107,318
3/4	3/4	3/4	3/4	3/4	202,043	3/4	190,146	3/4	178,204	3/4	166,244	3/4	153,663	3/4	138,151	3/4	122,570	3/4	106,994
5		5		5	201,798	5	189,898	5	177,956	5	165,994	5	153,350	5	137,826	5	122,245	5	106,671
1/4	1/4	1/4	1/4	1/4	201,553	1/4	189,649	1/4	177,707	1/4	165,744	1/4	153,038	1/4	137,501	1/4	121,920	1/4	106,347
1/2	1/2	1/2	1/2	1/2	201,308	1/2	189,400	1/2	177,458	1/2	165,493	1/2	152,725	1/2	137,177	1/2	121,596	1/2	106,024
3/4	3/4	3/4	3/4	3/4	201,063	3/4	189,151	3/4	177,209	3/4	165,243	3/4	152,403	3/4	136,852	3/4	121,271	3/4	105,700
6		6		6	200,817	6	188,903	6	176,960	6	164,993	6	152,082	6	136,528	6	120,947	6	105,377
1/4	1/4	1/4	1/4	1/4	200,572	1/4	188,654	1/4	176,712	1/4	164,743	1/4	151,760	1/4	136,203	1/4	120,622	1/4	105,053
1/2	1/2	1/2	1/2	1/2	200,326	1/2	188,405	1/2	176,463	1/2	164,493	1/2	151,438	1/2	135,879	1/2	120,297	1/2	104,730
3/4	3/4	3/4	3/4	3/4	200,080	3/4	188,156	3/4	176,214	3/4	164,243	3/4	151,115	3/4	135,554	3/4	119,973	3/4	104,406
7		7		7	199,834	7	187,907	7	175,965	7	163,992	7	150,792	7	135,229	7	119,648	7	104,082
1/4	1/4	1/4	1/4	1/4	199,588	1/4	187,659	1/4	175,716	1/4	163,742	1/4	150,468	1/4	134,905	1/4	119,323	1/4	103,758
1/2	1/2	1/2	1/2	1/2	199,342	1/2	187,410	1/2	175,468	1/2	163,492	1/2	150,145	1/2	134,580	1/2	118,999	1/2	103,435
3/4	3/4	3/4	3/4	3/4	199,096	3/4	187,161	3/4	175,219	3/4	163,242	3/4	149,822	3/4	134,256	3/4	118,674	3/4	103,111
8		8		8	198,850	8	186,912	8	174,970	8	162,992	8	149,498	8	133,931	8	118,350	8	102,787
1/4	1/4	1/4	1/4	1/4	198,603	1/4	186,663	1/4	174,721	1/4	162,742	1/4	149,175	1/4	133,606	1/4	118,025	1/4	102,463
1/2	1/2	1/2	1/2	1/2	198,357	1/2	186,415	1/2	174,473	1/2	162,491	1/2	148,852	1/2	133,282	1/2	117,700	1/2	102,139
3/4	3/4	3/4	3/4	3/4	198,108	3/4	186,166	3/4	174,224	3/4	162,241	3/4	148,528	3/4	132,957	3/4	117,376	3/4	101,816
9		9		9	197,859	9	185,917	9	173,975	9	161,991	9	148,204	9	132,633	9	117,051	9	101,492
1/4	1/4	1/4	1/4	1/4	197,610	1/4	185,668	1/4	173,726	1/4	161,741	1/4	147,881	1/4	132,308	1/4	116,727	1/4	101,168
1/2	1/2	1/2	1/2	1/2	197,361	1/2	185,419	1/2	173,477	1/2	161,491	1/2	147,557	1/2	131,983	1/2	116,402	1/2	100,844
3/4	3/4	3/4	3/4	3/4	197,113	3/4	185,171	3/4	173,229	3/4	161,241	3/4	147,233	3/4	131,659	3/4	116,077	3/4	100,521
10		10		10	196,864	10	184,922	10	172,980	10	160,990	10	146,910	10	131,334	10	115,753	10	100,197
1/4	1/4	1/4	1/4	1/4	196,615	1/4	184,673	1/4	172,731	1/4	160,740	1/4	146,586	1/4	131,010	1/4	115,428	1/4	99,873
1/2	1/2	1/2	1/2	1/2	196,366	1/2	184,424	1/2	172,482	1/2	160,490	1/2	146,262	1/2	130,685	1/2	115,104	1/2	99,549
3/4	3/4	3/4	3/4	3/4	196,118	3/4	184,175	3/4	172,233	3/4	160,240	3/4	145,938	3/4	130,360	3/4	114,779	3/4	99,225
11		11		11	195,869	11	183,927	11	171,985	11	159,989	11	145,615	11	130,036	11	114,454	11	98,902
1/4	1/4	1/4	1/4	1/4	195,620	1/4	183,678	1/4	171,736	1/4	159,739	1/4	145,291	1/4	129,711	1/4	114,130	1/4	98,578
1/2	1/2	1/2	1/2	1/2	195,371	1/2	183,429	1/2	171,487	1/2	159,489	1/2	144,967	1/2	129,386	1/2	113,805	1/2	98,254
3/4	3/4	3/4	3/4	3/4	195,122	3/4	183,180	3/4	171,238	3/4	159,236	3/4	144,642	3/4	129,062	3/4	113,480	3/4	97,930

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'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 306"

## 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	97,607	0	82,032	0	66,438	0	50,896	0	35,657	0	20,044	0	4,411	0		0		0	
1/4	97,283	1/4	81,707	1/4	66,114	1/4	50,579	1/4	35,332	1/4	19,718	1/4	4,086	1/4	1/4		1/4		1/4
1/2	96,959	1/2	81,382	1/2	65,789	1/2	50,262	1/2	35,007	1/2	19,392	1/2	3,761	1/2	1/2		1/2		1/2
3/4	96,635	3/4	81,057	3/4	65,464	3/4	49,945	3/4	34,683	3/4	19,067	3/4	3,442	3/4	3/4		3/4		3/4
1	96,311	1	80,732	1	65,139	1	49,628	1	34,358	1	18,741	1	3,122	1	1		1		1
1/4	95,988	1/4	80,407	1/4	64,814	1/4	49,312	1/4	34,033	1/4	18,415	1/4	2,803	1/4	1/4		1/4		1/4
1/2	95,664	1/2	80,082	1/2	64,489	1/2	48,995	1/2	33,708	1/2	18,090	1/2	2,484	1/2	1/2		1/2		1/2
3/4	95,340	3/4	79,758	3/4	64,164	3/4	48,678	3/4	33,384	3/4	17,764	3/4	2,209	3/4	3/4		3/4		3/4
2	95,016	2	79,433	2	63,840	2	48,362	2	33,059	2	17,438	2	1,934	2	2		2		2
1/4	94,693	1/4	79,108	1/4	63,515	1/4	48,045	1/4	32,734	1/4	17,112	1/4	1,659	1/4	1/4		1/4		1/4
1/2	94,369	1/2	78,783	1/2	63,190	1/2	47,728	1/2	32,410	1/2	16,787	1/2	1,385	1/2	1/2		1/2		1/2
3/4	94,045	3/4	78,458	3/4	62,865	3/4	47,412	3/4	32,085	3/4	16,461	3/4	1,191	3/4	3/4		3/4		3/4
3	93,721	3	78,133	3	62,540	3	47,096	3	31,760	3	16,135	3	998	3	3		3		3
1/4	93,398	1/4	77,808	1/4	62,215	1/4	46,780	1/4	31,435	1/4	15,810	1/4	804	1/4	1/4		1/4		1/4
1/2	93,074	1/2	77,483	1/2	61,890	1/2	46,463	1/2	31,111	1/2	15,484	1/2	611	1/2	1/2		1/2		1/2
3/4	92,750	3/4	77,158	3/4	61,565	3/4	46,147	3/4	30,786	3/4	15,158	3/4		3/4	3/4		3/4		3/4
4	92,426	4	76,834	4	61,241	4	45,831	4	30,461	4	14,832	4		4	4		4		4
1/4	92,102	1/4	76,509	1/4	60,916	1/4	45,514	1/4	30,137	1/4	14,507	1/4		1/4	1/4		1/4		1/4
1/2	91,778	1/2	76,184	1/2	60,591	1/2	45,198	1/2	29,812	1/2	14,181	1/2		1/2	1/2		1/2		1/2
3/4	91,453	3/4	75,859	3/4	60,266	3/4	44,882	3/4	29,487	3/4	13,855	3/4		3/4	3/4		3/4		3/4
5	91,128	5	75,534	5	59,941	5	44,566	5	29,162	5	13,530	5		5	5		5		5
1/4	90,803	1/4	75,209	1/4	59,616	1/4	44,249	1/4	28,837	1/4	13,204	1/4		1/4	1/4		1/4		1/4
1/2	90,479	1/2	74,884	1/2	59,291	1/2	43,933	1/2	28,513	1/2	12,878	1/2		1/2	1/2		1/2		1/2
3/4	90,154	3/4	74,559	3/4	58,966	3/4	43,617	3/4	28,187	3/4	12,552	3/4		3/4	3/4		3/4		3/4
6	89,829	6	74,235	6	58,641	6	43,300	6	27,861	6	12,227	6		6	6		6		6
1/4	89,504	1/4	73,910	1/4	58,317	1/4	42,984	1/4	27,535	1/4	11,901	1/4		1/4	1/4		1/4		1/4
1/2	89,179	1/2	73,585	1/2	57,992	1/2	42,668	1/2	27,210	1/2	11,575	1/2		1/2	1/2		1/2		1/2
3/4	88,854	3/4	73,260	3/4	57,667	3/4	42,352	3/4	26,884	3/4	11,249	3/4		3/4	3/4		3/4		3/4
7	88,529	7	72,935	7	57,342	7	42,035	7	26,558	7	10,924	7		7	7		7		7
1/4	88,204	1/4	72,610	1/4	57,017	1/4	41,719	1/4	26,233	1/4	10,598	1/4		1/4	1/4		1/4		1/4
1/2	87,880	1/2	72,285	1/2	56,692	1/2	41,403	1/2	25,907	1/2	10,272	1/2		1/2	1/2		1/2		1/2
3/4	87,555	3/4	71,960	3/4	56,367	3/4	41,087	3/4	25,581	3/4	9,947	3/4		3/4	3/4		3/4		3/4
8	87,230	8	71,636	8	56,042	8	40,770	8	25,255	8	9,621	8		8	8		8		8
1/4	86,905	1/4	71,311	1/4	55,718	1/4	40,454	1/4	24,930	1/4	9,295	1/4		1/4	1/4		1/4		1/4
1/2	86,580	1/2	70,986	1/2	55,393	1/2	40,138	1/2	24,604	1/2	8,969	1/2		1/2	1/2		1/2		1/2
3/4	86,255	3/4	70,661	3/4	55,068	3/4	39,821	3/4	24,278	3/4	8,644	3/4		3/4	3/4		3/4		3/4
9	85,930	9	70,336	9	54,743	9	39,505	9	23,953	9	8,318	9		9	9		9		9
1/4	85,605	1/4	70,011	1/4	54,418	1/4	39,189	1/4	23,627	1/4	7,992	1/4		1/4	1/4		1/4		1/4
1/2	85,281	1/2	69,686	1/2	54,093	1/2	38,873	1/2	23,301	1/2	7,667	1/2		1/2	1/2		1/2		1/2
3/4	84,956	3/4	69,361	3/4	53,769	3/4	38,556	3/4	22,975	3/4	7,341	3/4		3/4	3/4		3/4		3/4
10	84,631	10	69,037	10	53,445	10	38,239	10	22,650	10	7,015	10		10	10		10		10
1/4	84,306	1/4	68,712	1/4	53,121	1/4	37,922	1/4	22,324	1/4	6,689	1/4		1/4	1/4		1/4		1/4
1/2	83,981	1/2	68,387	1/2	52,798	1/2	37,605	1/2	21,998	1/2	6,364	1/2		1/2	1/2		1/2		1/2
3/4	83,656	3/4	68,062	3/4	52,481	3/4	37,280	3/4	21,672	3/4	6,038	3/4		3/4	3/4		3/4		3/4
11	83,331	11	67,737	11	52,164	11	36,955	11	21,347	11	5,713	11		11	11		11		11
1/4	83,006	1/4	67,413	1/4	51,847	1/4	36,631	1/4	21,021	1/4	5,387	1/4		1/4	1/4		1/4		1/4
1/2	82,681	1/2	67,088	1/2	51,530	1/2	36,306	1/2	20,695	1/2	5,061	1/2		1/2	1/2		1/2		1/2
3/4	82,357	3/4	66,763	3/4	51,213	3/4	35,981	3/4	20,370	3/4	4,736	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 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 306"

## 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		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	205,721	0	194,608	0	182,662	0	170,716	0	158,706	0	144,036	0	128,451	0	112,865
1/4	1/4	1/4	1/4	1/4	205,595	1/4	194,359	1/4	182,413	1/4	170,467	1/4	158,453	1/4	143,712	1/4	128,126	1/4	112,540
1/2	1/2	1/2	1/2	1/2	205,468	1/2	194,110	1/2	182,164	1/2	170,219	1/2	158,200	1/2	143,387	1/2	127,802	1/2	112,216
3/4	3/4	3/4	3/4	3/4	205,300	3/4	193,861	3/4	181,916	3/4	169,970	3/4	157,938	3/4	143,062	3/4	127,477	3/4	111,891
1		1		1	205,132	1	193,612	1	181,667	1	169,721	1	157,675	1	142,738	1	127,152	1	111,567
1/4	1/4	1/4	1/4	1/4	204,964	1/4	193,364	1/4	181,418	1/4	169,471	1/4	157,413	1/4	142,413	1/4	126,827	1/4	111,242
1/2	1/2	1/2	1/2	1/2	204,796	1/2	193,115	1/2	181,169	1/2	169,222	1/2	157,150	1/2	142,088	1/2	126,503	1/2	110,918
3/4	3/4	3/4	3/4	3/4	204,587	3/4	192,866	3/4	180,920	3/4	168,972	3/4	156,875	3/4	141,764	3/4	126,178	3/4	110,593
2		2		2	204,378	2	192,617	2	180,671	2	168,722	2	156,600	2	141,439	2	125,853	2	110,269
1/4	1/4	1/4	1/4	1/4	204,169	1/4	192,368	1/4	180,422	1/4	168,472	1/4	156,325	1/4	141,114	1/4	125,529	1/4	109,944
1/2	1/2	1/2	1/2	1/2	203,961	1/2	192,119	1/2	180,173	1/2	168,221	1/2	156,049	1/2	140,789	1/2	125,204	1/2	109,620
3/4	3/4	3/4	3/4	3/4	203,721	3/4	191,870	3/4	179,925	3/4	167,971	3/4	155,762	3/4	140,465	3/4	124,879	3/4	109,295
3		3		3	203,481	3	191,621	3	179,676	3	167,721	3	155,474	3	140,140	3	124,554	3	108,971
1/4	1/4	1/4	1/4	1/4	203,242	1/4	191,373	1/4	179,427	1/4	167,471	1/4	155,186	1/4	139,815	1/4	124,230	1/4	108,647
1/2	1/2	1/2	1/2	1/2	203,002	1/2	191,124	1/2	179,178	1/2	167,221	1/2	154,898	1/2	139,491	1/2	123,905	1/2	108,322
3/4	3/4	3/4	3/4	3/4	202,758	3/4	190,875	3/4	178,929	3/4	166,970	3/4	154,598	3/4	139,166	3/4	123,580	3/4	107,998
4		4		4	202,513	4	190,626	4	178,680	4	166,720	4	154,298	4	138,841	4	123,256	4	107,673
1/4	1/4	1/4	1/4	1/4	202,269	1/4	190,377	1/4	178,431	1/4	166,470	1/4	153,997	1/4	138,517	1/4	122,931	1/4	107,349
1/2	1/2	1/2	1/2	1/2	202,025	1/2	190,128	1/2	178,182	1/2	166,220	1/2	153,697	1/2	138,192	1/2	122,606	1/2	107,025
3/4	3/4	3/4	3/4	3/4	201,780	3/4	189,879	3/4	177,934	3/4	165,969	3/4	153,384	3/4	137,867	3/4	122,282	3/4	106,701
5		5		5	201,535	5	189,630	5	177,685	5	165,719	5	153,072	5	137,543	5	121,957	5	106,378
1/4	1/4	1/4	1/4	1/4	201,290	1/4	189,382	1/4	177,436	1/4	165,469	1/4	152,759	1/4	137,218	1/4	121,632	1/4	106,054
1/2	1/2	1/2	1/2	1/2	201,045	1/2	189,133	1/2	177,187	1/2	165,219	1/2	152,446	1/2	136,893	1/2	121,307	1/2	105,730
3/4	3/4	3/4	3/4	3/4	200,799	3/4	188,884	3/4	176,938	3/4	164,968	3/4	152,125	3/4	136,569	3/4	120,983	3/4	105,407
6		6		6	200,553	6	188,635	6	176,689	6	164,718	6	151,803	6	136,244	6	120,658	6	105,083
1/4	1/4	1/4	1/4	1/4	200,308	1/4	188,386	1/4	176,440	1/4	164,468	1/4	151,481	1/4	135,919	1/4	120,333	1/4	104,760
1/2	1/2	1/2	1/2	1/2	200,062	1/2	188,137	1/2	176,191	1/2	164,218	1/2	151,159	1/2	135,595	1/2	120,009	1/2	104,436
3/4	3/4	3/4	3/4	3/4	199,816	3/4	187,888	3/4	175,943	3/4	163,967	3/4	150,836	3/4	135,270	3/4	119,684	3/4	104,112
7		7		7	199,570	7	187,640	7	175,694	7	163,717	7	150,512	7	134,945	7	119,359	7	103,788
1/4	1/4	1/4	1/4	1/4	199,324	1/4	187,391	1/4	175,445	1/4	163,467	1/4	150,189	1/4	134,620	1/4	119,034	1/4	103,464
1/2	1/2	1/2	1/2	1/2	199,078	1/2	187,142	1/2	175,196	1/2	163,217	1/2	149,866	1/2	134,296	1/2	118,710	1/2	103,140
3/4	3/4	3/4	3/4	3/4	198,832	3/4	186,893	3/4	174,947	3/4	162,966	3/4	149,542	3/4	133,971	3/4	118,385	3/4	102,817
8		8		8	198,585	8	186,644	8	174,698	8	162,716	8	149,219	8	133,646	8	118,060	8	102,493
1/4	1/4	1/4	1/4	1/4	198,339	1/4	186,395	1/4	174,449	1/4	162,466	1/4	148,895	1/4	133,322	1/4	117,736	1/4	102,169
1/2	1/2	1/2	1/2	1/2	198,092	1/2	186,146	1/2	174,201	1/2	162,216	1/2	148,572	1/2	132,997	1/2	117,411	1/2	101,845
3/4	3/4	3/4	3/4	3/4	197,843	3/4	185,897	3/4	173,952	3/4	161,965	3/4	148,248	3/4	132,672	3/4	117,086	3/4	101,521
9		9		9	197,594	9	185,649	9	173,703	9	161,715	9	147,924	9	132,348	9	116,761	9	101,197
1/4	1/4	1/4	1/4	1/4	197,345	1/4	185,400	1/4	173,454	1/4	161,465	1/4	147,601	1/4	132,023	1/4	116,437	1/4	100,873
1/2	1/2	1/2	1/2	1/2	197,097	1/2	185,151	1/2	173,205	1/2	161,215	1/2	147,277	1/2	131,698	1/2	116,112	1/2	100,549
3/4	3/4	3/4	3/4	3/4	196,848	3/4	184,902	3/4	172,956	3/4	160,964	3/4	146,953	3/4	131,373	3/4	115,787	3/4	100,226
10		10		10	196,599	10	184,653	10	172,707	10	160,714	10	146,629	10	131,049	10	115,463	10	99,902
1/4	1/4	1/4	1/4	1/4	196,350	1/4	184,404	1/4	172,458	1/4	160,464	1/4	146,305	1/4	130,724	1/4	115,138	1/4	99,578
1/2	1/2	1/2	1/2	1/2	196,101	1/2	184,155	1/2	172,210	1/2	160,214	1/2	145,982	1/2	130,399	1/2	114,813	1/2	99,254
3/4	3/4	3/4	3/4	3/4	195,852	3/4	183,906	3/4	171,961	3/4	159,963	3/4	145,658	3/4	130,075	3/4	114,488	3/4	98,930
11		11		11	195,603	11	183,658	11	171,712	11	159,713	11	145,334	11	129,750	11	114,164	11	98,606
1/4	1/4	1/4	1/4	1/4	195,355	1/4	183,409	1/4	171,463	1/4	159,462	1/4	145,010	1/4	129,425	1/4	113,839	1/4	98,282
1/2	1/2	1/2	1/2	1/2	195,106	1/2	183,160	1/2	171,214	1/2	159,212	1/2	144,686	1/2	129,100	1/2	113,514	1/2	97,958
3/4	3/4	3/4	3/4	3/4	194,857	3/4	182,911	3/4	170,965	3/4	158,959	3/4	144,361	3/4	128,776	3/4	113,190	3/4	97,635

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'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CBC 306"

## 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	97,311	0	81,731	0	66,133	0	50,625	0	35,668	0	20,050	0	4,412	0		0		0	
1/4	96,987	1/4	81,406	1/4	65,808	1/4	50,314	1/4	35,343	1/4	19,724	1/4	4,087	1/4	1/4	1/4	1/4	1/4	1/4
1/2	96,663	1/2	81,081	1/2	65,483	1/2	50,004	1/2	35,018	1/2	19,398	1/2	3,762	1/2	1/2	1/2	1/2	1/2	1/2
3/4	96,339	3/4	80,756	3/4	65,158	3/4	49,693	3/4	34,693	3/4	19,073	3/4	3,443	3/4	3/4	3/4	3/4	3/4	3/4
1	96,015	1	80,431	1	64,833	1	49,382	1	34,368	1	18,747	1	3,123	1	1	1	1	1	1
1/4	95,691	1/4	80,106	1/4	64,508	1/4	49,072	1/4	34,044	1/4	18,421	1/4	2,804	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,367	1/2	79,781	1/2	64,183	1/2	48,761	1/2	33,719	1/2	18,095	1/2	2,484	1/2	1/2	1/2	1/2	1/2	1/2
3/4	95,044	3/4	79,456	3/4	63,858	3/4	48,452	3/4	33,394	3/4	17,769	3/4	2,210	3/4	3/4	3/4	3/4	3/4	3/4
2	94,720	2	79,131	2	63,533	2	48,142	2	33,069	2	17,444	2	1,935	2	2	2	2	2	2
1/4	94,396	1/4	78,806	1/4	63,208	1/4	47,832	1/4	32,744	1/4	17,118	1/4	1,660	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,072	1/2	78,481	1/2	62,883	1/2	47,522	1/2	32,420	1/2	16,792	1/2	1,385	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,748	3/4	78,156	3/4	62,558	3/4	47,213	3/4	32,095	3/4	16,466	3/4	1,192	3/4	3/4	3/4	3/4	3/4	3/4
3	93,424	3	77,831	3	62,233	3	46,903	3	31,770	3	16,140	3	998	3	3	3	3	3	3
1/4	93,100	1/4	77,506	1/4	61,908	1/4	46,594	1/4	31,445	1/4	15,814	1/4	805	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,776	1/2	77,181	1/2	61,583	1/2	46,284	1/2	31,120	1/2	15,489	1/2	611	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,452	3/4	76,856	3/4	61,258	3/4	45,975	3/4	30,796	3/4	15,163	3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	92,128	4	76,531	4	60,933	4	45,665	4	30,471	4	14,837	4		4	4	4	4	4	4
1/4	91,804	1/4	76,206	1/4	60,608	1/4	45,356	1/4	30,146	1/4	14,511	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,480	1/2	75,881	1/2	60,283	1/2	45,046	1/2	29,821	1/2	14,185	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,155	3/4	75,556	3/4	59,958	3/4	44,737	3/4	29,496	3/4	13,860	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	90,830	5	75,231	5	59,633	5	44,427	5	29,171	5	13,534	5		5	5	5	5	5	5
1/4	90,505	1/4	74,906	1/4	59,308	1/4	44,118	1/4	28,846	1/4	13,208	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,181	1/2	74,581	1/2	58,983	1/2	43,809	1/2	28,521	1/2	12,882	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,856	3/4	74,256	3/4	58,658	3/4	43,499	3/4	28,196	3/4	12,556	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	89,531	6	73,931	6	58,334	6	43,190	6	27,870	6	12,230	6		6	6	6	6	6	6
1/4	89,206	1/4	73,606	1/4	58,009	1/4	42,880	1/4	27,544	1/4	11,905	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,881	1/2	73,281	1/2	57,684	1/2	42,571	1/2	27,218	1/2	11,579	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,556	3/4	72,957	3/4	57,359	3/4	42,261	3/4	26,892	3/4	11,253	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	88,231	7	72,632	7	57,034	7	41,952	7	26,567	7	10,927	7		7	7	7	7	7	7
1/4	87,906	1/4	72,307	1/4	56,709	1/4	41,642	1/4	26,241	1/4	10,601	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,581	1/2	71,982	1/2	56,384	1/2	41,333	1/2	25,915	1/2	10,276	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,256	3/4	71,657	3/4	56,059	3/4	41,024	3/4	25,589	3/4	9,950	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	86,931	8	71,332	8	55,734	8	40,714	8	25,263	8	9,624	8		8	8	8	8	8	8
1/4	86,606	1/4	71,007	1/4	55,409	1/4	40,405	1/4	24,937	1/4	9,298	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,281	1/2	70,682	1/2	55,084	1/2	40,095	1/2	24,612	1/2	8,972	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,956	3/4	70,357	3/4	54,759	3/4	39,786	3/4	24,286	3/4	8,646	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	85,631	9	70,032	9	54,434	9	39,476	9	23,960	9	8,321	9		9	9	9	9	9	9
1/4	85,306	1/4	69,707	1/4	54,109	1/4	39,167	1/4	23,634	1/4	7,995	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,981	1/2	69,382	1/2	53,784	1/2	38,858	1/2	23,308	1/2	7,669	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,656	3/4	69,057	3/4	53,461	3/4	38,547	3/4	22,982	3/4	7,343	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	84,331	10	68,732	10	53,137	10	38,236	10	22,657	10	7,017	10		10	10	10	10	10	10
1/4	84,006	1/4	68,407	1/4	52,814	1/4	37,925	1/4	22,331	1/4	6,692	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,681	1/2	68,082	1/2	52,491	1/2	37,614	1/2	22,005	1/2	6,366	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,356	3/4	67,757	3/4	52,180	3/4	37,290	3/4	21,679	3/4	6,040	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	83,031	11	67,432	11	51,869	11	36,966	11	21,353	11	5,714	11		11	11	11	11	11	11
1/4	82,706	1/4	67,107	1/4	51,558	1/4	36,641	1/4	21,028	1/4	5,389	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,381	1/2	66,783	1/2	51,247	1/2	36,317	1/2	20,702	1/2	5,063	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,056	3/4	66,458	3/4	50,936	3/4	35,992	3/4	20,376	3/4	4,738	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2012 CL  
CALCULATED: 11/21/2012 CL  
PRINTED: 11/21/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2012

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