



BARGE "CBC 311"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-1/8	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
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-03"

January 29, 2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 311"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/4"

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



BARGE "CBC 311"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	153,905	0	169,604	0	185,232	0	200,843	0	216,367	0		0		0		0		0	
1/4	154,232	1/4	169,931	1/4	185,557	1/4	201,168	1/4	216,680	1/4		1/4		1/4		1/4		1/4	
1/2	154,559	1/2	170,259	1/2	185,882	1/2	201,494	1/2	216,994	1/2		1/2		1/2		1/2		1/2	
3/4	154,886	3/4	170,586	3/4	186,207	3/4	201,819	3/4	217,307	3/4		3/4		3/4		3/4		3/4	
1	155,213	1	170,913	1	186,533	1	202,144	1	217,620	1		1		1		1		1	
1/4	155,541	1/4	171,240	1/4	186,858	1/4	202,469	1/4	217,893	1/4		1/4		1/4		1/4		1/4	
1/2	155,868	1/2	171,567	1/2	187,183	1/2	202,795	1/2	218,166	1/2		1/2		1/2		1/2		1/2	
3/4	156,195	3/4	171,894	3/4	187,508	3/4	203,120	3/4	218,439	3/4		3/4		3/4		3/4		3/4	
2	156,522	2	172,221	2	187,833	2	203,445	2	218,712	2		2		2		2		2	
1/4	156,849	1/4	172,546	1/4	188,159	1/4	203,770	1/4	218,932	1/4		1/4		1/4		1/4		1/4	
1/2	157,176	1/2	172,872	1/2	188,484	1/2	204,096	1/2	219,151	1/2		1/2		1/2		1/2		1/2	
3/4	157,503	3/4	173,197	3/4	188,809	3/4	204,421	3/4	219,371	3/4		3/4		3/4		3/4		3/4	
3	157,830	3	173,523	3	189,134	3	204,746	3	219,591	3		3		3		3		3	
1/4	158,157	1/4	173,848	1/4	189,460	1/4	205,071	1/4	219,756	1/4		1/4		1/4		1/4		1/4	
1/2	158,484	1/2	174,173	1/2	189,785	1/2	205,397	1/2	219,921	1/2		1/2		1/2		1/2		1/2	
3/4	158,811	3/4	174,499	3/4	190,110	3/4	205,722	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,138	4	174,824	4	190,435	4	206,047	4		4		4		4		4		4	
1/4	159,465	1/4	175,149	1/4	190,761	1/4	206,372	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,792	1/2	175,474	1/2	191,086	1/2	206,698	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,119	3/4	175,800	3/4	191,411	3/4	207,023	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,447	5	176,125	5	191,736	5	207,348	5		5		5		5		5		5	
1/4	160,774	1/4	176,450	1/4	192,062	1/4	207,673	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,101	1/2	176,775	1/2	192,387	1/2	207,999	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,428	3/4	177,100	3/4	192,712	3/4	208,324	3/4		3/4		3/4		3/4		3/4		3/4	
6	161,755	6	177,426	6	193,037	6	208,649	6		6		6		6		6		6	
1/4	162,082	1/4	177,751	1/4	193,363	1/4	208,974	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,409	1/2	178,076	1/2	193,688	1/2	209,299	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,736	3/4	178,401	3/4	194,013	3/4	209,625	3/4		3/4		3/4		3/4		3/4		3/4	
7	163,063	7	178,727	7	194,338	7	209,950	7		7		7		7		7		7	
1/4	163,390	1/4	179,052	1/4	194,664	1/4	210,272	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,717	1/2	179,377	1/2	194,989	1/2	210,594	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,044	3/4	179,702	3/4	195,314	3/4	210,916	3/4		3/4		3/4		3/4		3/4		3/4	
8	164,371	8	180,028	8	195,639	8	211,239	8		8		8		8		8		8	
1/4	164,698	1/4	180,353	1/4	195,965	1/4	211,560	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,025	1/2	180,678	1/2	196,290	1/2	211,882	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,353	3/4	181,003	3/4	196,615	3/4	212,203	3/4		3/4		3/4		3/4		3/4		3/4	
9	165,680	9	181,329	9	196,940	9	212,525	9		9		9		9		9		9	
1/4	166,007	1/4	181,654	1/4	197,266	1/4	212,846	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,334	1/2	181,979	1/2	197,591	1/2	213,167	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,661	3/4	182,304	3/4	197,916	3/4	213,488	3/4		3/4		3/4		3/4		3/4		3/4	
10	166,988	10	182,630	10	198,241	10	213,809	10		10		10		10		10		10	
1/4	167,315	1/4	182,955	1/4	198,566	1/4	214,129	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,642	1/2	183,280	1/2	198,892	1/2	214,450	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,969	3/4	183,605	3/4	199,217	3/4	214,770	3/4		3/4		3/4		3/4		3/4		3/4	
11	168,296	11	183,931	11	199,542	11	215,090	11		11		11		11		11		11	
1/4	168,623	1/4	184,256	1/4	199,867	1/4	215,410	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	168,950	1/2	184,581	1/2	200,193	1/2	215,729	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,277	3/4	184,906	3/4	200,518	3/4	216,048	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/29/2013 CL - SW
CALCULATED: 01/30/2013 CL
PRINTED: 01/30



BARGE "CBC 311"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	584	0	13,214	0	28,373	0	44,026	0	59,711	0	75,403	0	91,095	0	106,786	0	122,478	0	138,168
1/4	718	1/4	13,515	1/4	28,700	1/4	44,352	1/4	60,038	1/4	75,730	1/4	91,422	1/4	107,113	1/4	122,805	1/4	138,495
1/2	853	1/2	13,815	1/2	29,027	1/2	44,678	1/2	60,365	1/2	76,057	1/2	91,749	1/2	107,440	1/2	123,132	1/2	138,822
3/4	988	3/4	14,116	3/4	29,354	3/4	45,004	3/4	60,692	3/4	76,384	3/4	92,075	3/4	107,767	3/4	123,459	3/4	139,149
1	1,122	1	14,416	1	29,681	1	45,331	1	61,019	1	76,711	1	92,402	1	108,094	1	123,786	1	139,476
1/4	1,334	1/4	14,720	1/4	30,007	1/4	45,657	1/4	61,346	1/4	77,038	1/4	92,729	1/4	108,421	1/4	124,113	1/4	139,803
1/2	1,546	1/2	15,024	1/2	30,334	1/2	45,983	1/2	61,673	1/2	77,364	1/2	93,056	1/2	108,748	1/2	124,440	1/2	140,129
3/4	1,758	3/4	15,328	3/4	30,660	3/4	46,310	3/4	62,000	3/4	77,691	3/4	93,383	3/4	109,075	3/4	124,767	3/4	140,456
2	1,970	2	15,632	2	30,986	2	46,636	2	62,326	2	78,018	2	93,710	2	109,402	2	125,094	2	140,783
1/4	2,230	1/4	15,940	1/4	31,313	1/4	46,963	1/4	62,653	1/4	78,345	1/4	94,037	1/4	109,729	1/4	125,420	1/4	141,110
1/2	2,490	1/2	16,247	1/2	31,639	1/2	47,290	1/2	62,980	1/2	78,672	1/2	94,364	1/2	110,056	1/2	125,747	1/2	141,437
3/4	2,750	3/4	16,554	3/4	31,966	3/4	47,616	3/4	63,307	3/4	78,999	3/4	94,691	3/4	110,383	3/4	126,074	3/4	141,764
3	3,010	3	16,862	3	32,292	3	47,943	3	63,634	3	79,326	3	95,018	3	110,709	3	126,401	3	142,090
1/4	3,280	1/4	17,172	1/4	32,619	1/4	48,269	1/4	63,961	1/4	79,653	1/4	95,345	1/4	111,036	1/4	126,728	1/4	142,417
1/2	3,549	1/2	17,483	1/2	32,945	1/2	48,596	1/2	64,288	1/2	79,980	1/2	95,671	1/2	111,363	1/2	127,055	1/2	142,744
3/4	3,818	3/4	17,794	3/4	33,272	3/4	48,923	3/4	64,615	3/4	80,307	3/4	95,998	3/4	111,690	3/4	127,382	3/4	143,071
4	4,088	4	18,104	4	33,598	4	49,250	4	64,942	4	80,634	4	96,325	4	112,017	4	127,709	4	143,398
1/4	4,361	1/4	18,419	1/4	33,924	1/4	49,577	1/4	65,269	1/4	80,960	1/4	96,652	1/4	112,344	1/4	128,036	1/4	143,725
1/2	4,634	1/2	18,733	1/2	34,251	1/2	49,904	1/2	65,596	1/2	81,287	1/2	96,979	1/2	112,671	1/2	128,363	1/2	144,051
3/4	4,907	3/4	19,047	3/4	34,577	3/4	50,231	3/4	65,923	3/4	81,614	3/4	97,306	3/4	112,998	3/4	128,690	3/4	144,378
5	5,180	5	19,361	5	34,904	5	50,558	5	66,249	5	81,941	5	97,633	5	113,325	5	129,016	5	144,705
1/4	5,457	1/4	19,679	1/4	35,229	1/4	50,885	1/4	66,576	1/4	82,268	1/4	97,960	1/4	113,652	1/4	129,343	1/4	145,032
1/2	5,734	1/2	19,996	1/2	35,555	1/2	51,211	1/2	66,903	1/2	82,595	1/2	98,287	1/2	113,979	1/2	129,670	1/2	145,359
3/4	6,011	3/4	20,314	3/4	35,881	3/4	51,538	3/4	67,230	3/4	82,922	3/4	98,614	3/4	114,305	3/4	129,997	3/4	145,686
6	6,287	6	20,631	6	36,207	6	51,865	6	67,557	6	83,249	6	98,941	6	114,632	6	130,324	6	146,012
1/4	6,567	1/4	20,952	1/4	36,533	1/4	52,192	1/4	67,884	1/4	83,576	1/4	99,268	1/4	114,959	1/4	130,651	1/4	146,339
1/2	6,847	1/2	21,273	1/2	36,858	1/2	52,519	1/2	68,211	1/2	83,903	1/2	99,594	1/2	115,286	1/2	130,978	1/2	146,666
3/4	7,128	3/4	21,594	3/4	37,184	3/4	52,846	3/4	68,538	3/4	84,230	3/4	99,921	3/4	115,613	3/4	131,305	3/4	146,993
7	7,408	7	21,915	7	37,510	7	53,173	7	68,865	7	84,556	7	100,248	7	115,940	7	131,632	7	147,320
1/4	7,691	1/4	22,232	1/4	37,835	1/4	53,500	1/4	69,192	1/4	84,883	1/4	100,575	1/4	116,267	1/4	131,959	1/4	147,647
1/2	7,975	1/2	22,549	1/2	38,161	1/2	53,827	1/2	69,519	1/2	85,210	1/2	100,902	1/2	116,594	1/2	132,285	1/2	147,973
3/4	8,258	3/4	22,865	3/4	38,487	3/4	54,154	3/4	69,845	3/4	85,537	3/4	101,229	3/4	116,921	3/4	132,612	3/4	148,300
8	8,542	8	23,182	8	38,813	8	54,481	8	70,172	8	85,864	8	101,556	8	117,248	8	132,939	8	148,627
1/4	8,829	1/4	23,500	1/4	39,138	1/4	54,808	1/4	70,499	1/4	86,191	1/4	101,883	1/4	117,575	1/4	133,266	1/4	148,954
1/2	9,116	1/2	23,818	1/2	39,464	1/2	55,134	1/2	70,826	1/2	86,518	1/2	102,210	1/2	117,901	1/2	133,593	1/2	149,281
3/4	9,403	3/4	24,136	3/4	39,790	3/4	55,461	3/4	71,153	3/4	86,845	3/4	102,537	3/4	118,228	3/4	133,920	3/4	149,608
9	9,690	9	24,454	9	40,115	9	55,788	9	71,480	9	87,172	9	102,864	9	118,555	9	134,246	9	149,934
1/4	9,980	1/4	24,780	1/4	40,441	1/4	56,115	1/4	71,807	1/4	87,499	1/4	103,190	1/4	118,882	1/4	134,573	1/4	150,261
1/2	10,270	1/2	25,106	1/2	40,767	1/2	56,442	1/2	72,134	1/2	87,826	1/2	103,517	1/2	119,209	1/2	134,900	1/2	150,588
3/4	10,561																		



BARGE "CBC 311"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	153,857	0	169,545	0	185,161	0	200,761	0	216,274	0		0		0		0		0	
1/4	154,183	1/4	169,871	1/4	185,486	1/4	201,086	1/4	216,587	1/4		1/4		1/4		1/4		1/4	
1/2	154,510	1/2	170,198	1/2	185,811	1/2	201,411	1/2	216,900	1/2		1/2		1/2		1/2		1/2	
3/4	154,837	3/4	170,525	3/4	186,136	3/4	201,736	3/4	217,213	3/4		3/4		3/4		3/4		3/4	
1	155,164	1	170,852	1	186,461	1	202,061	1	217,526	1		1		1		1		1	
1/4	155,491	1/4	171,179	1/4	186,786	1/4	202,386	1/4	217,799	1/4		1/4		1/4		1/4		1/4	
1/2	155,818	1/2	171,506	1/2	187,111	1/2	202,711	1/2	218,072	1/2		1/2		1/2		1/2		1/2	
3/4	156,144	3/4	171,832	3/4	187,436	3/4	203,036	3/4	218,344	3/4		3/4		3/4		3/4		3/4	
2	156,471	2	172,159	2	187,761	2	203,361	2	218,617	2		2		2		2		2	
1/4	156,798	1/4	172,484	1/4	188,086	1/4	203,686	1/4	218,837	1/4		1/4		1/4		1/4		1/4	
1/2	157,125	1/2	172,810	1/2	188,411	1/2	204,011	1/2	219,056	1/2		1/2		1/2		1/2		1/2	
3/4	157,452	3/4	173,135	3/4	188,736	3/4	204,336	3/4	219,276	3/4		3/4		3/4		3/4		3/4	
3	157,779	3	173,460	3	189,061	3	204,661	3	219,495	3		3		3		3		3	
1/4	158,105	1/4	173,785	1/4	189,386	1/4	204,986	1/4	219,660	1/4		1/4		1/4		1/4		1/4	
1/2	158,432	1/2	174,110	1/2	189,711	1/2	205,311	1/2	219,825	1/2		1/2		1/2		1/2		1/2	
3/4	158,759	3/4	174,435	3/4	190,036	3/4	205,636	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,086	4	174,760	4	190,361	4	205,961	4		4		4		4		4		4	
1/4	159,413	1/4	175,085	1/4	190,686	1/4	206,286	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,740	1/2	175,410	1/2	191,011	1/2	206,611	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,066	3/4	175,735	3/4	191,336	3/4	206,936	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,393	5	176,060	5	191,661	5	207,261	5		5		5		5		5		5	
1/4	160,720	1/4	176,385	1/4	191,986	1/4	207,586	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,047	1/2	176,710	1/2	192,311	1/2	207,911	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,374	3/4	177,035	3/4	192,636	3/4	208,236	3/4		3/4		3/4		3/4		3/4		3/4	
6	161,701	6	177,360	6	192,961	6	208,561	6		6		6		6		6		6	
1/4	162,027	1/4	177,685	1/4	193,286	1/4	208,886	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,354	1/2	178,010	1/2	193,611	1/2	209,211	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,681	3/4	178,335	3/4	193,936	3/4	209,536	3/4		3/4		3/4		3/4		3/4		3/4	
7	163,008	7	178,660	7	194,261	7	209,861	7		7		7		7		7		7	
1/4	163,335	1/4	178,985	1/4	194,586	1/4	210,183	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,662	1/2	179,310	1/2	194,911	1/2	210,505	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,988	3/4	179,635	3/4	195,236	3/4	210,827	3/4		3/4		3/4		3/4		3/4		3/4	
8	164,315	8	179,960	8	195,561	8	211,149	8		8		8		8		8		8	
1/4	164,642	1/4	180,285	1/4	195,886	1/4	211,470	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,969	1/2	180,610	1/2	196,211	1/2	211,792	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,296	3/4	180,935	3/4	196,536	3/4	212,113	3/4		3/4		3/4		3/4		3/4		3/4	
9	165,623	9	181,260	9	196,861	9	212,434	9		9		9		9		9		9	
1/4	165,949	1/4	181,585	1/4	197,186	1/4	212,755	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,276	1/2	181,910	1/2	197,511	1/2	213,076	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,603	3/4	182,235	3/4	197,836	3/4	213,397	3/4		3/4		3/4		3/4		3/4		3/4	
10	166,930	10	182,560	10	198,161	10	213,718	10		10		10		10		10		10	
1/4	167,257	1/4	182,885	1/4	198,486	1/4	214,038	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,584	1/2	183,210	1/2	198,811	1/2	214,358	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,910	3/4	183,535	3/4	199,136	3/4	214,678	3/4		3/4		3/4		3/4		3/4		3/4	
11	168,237	11	183,860	11	199,461	11	214,998	11		11		11		11		11		11	
1/4	168,564	1/4	184,186	1/4	199,786	1/4	215,317	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	168,891	1/2	184,511	1/2	200,111	1/2	215,636	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,218	3/4	184,836	3/4	200,436	3/4	215,955	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/29/2013 CL - SW
CALCULATED: 01/30/2013 CL
PRINTED: 01/30/2013 SW



BARGE "CBC 311"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	593	0	15,009	0	30,164	0	45,138	0	60,214	0	75,369	0	90,524	0	105,679	0	120,834	0	135,988
1/4	780	1/4	15,325	1/4	30,479	1/4	45,447	1/4	60,530	1/4	75,685	1/4	90,840	1/4	105,995	1/4	121,150	1/4	136,303
1/2	968	1/2	15,641	1/2	30,795	1/2	45,757	1/2	60,846	1/2	76,001	1/2	91,156	1/2	106,311	1/2	121,466	1/2	136,619
3/4	1,155	3/4	15,956	3/4	31,111	3/4	46,066	3/4	61,161	3/4	76,316	3/4	91,471	3/4	106,626	3/4	121,781	3/4	136,935
1	1,343	1	16,272	1	31,427	1	46,375	1	61,477	1	76,632	1	91,787	1	106,942	1	122,097	1	137,250
1/4	1,609	1/4	16,588	1/4	31,742	1/4	46,684	1/4	61,793	1/4	76,948	1/4	92,103	1/4	107,258	1/4	122,413	1/4	137,566
1/2	1,875	1/2	16,903	1/2	32,058	1/2	46,994	1/2	62,108	1/2	77,263	1/2	92,419	1/2	107,574	1/2	122,729	1/2	137,882
3/4	2,142	3/4	17,219	3/4	32,374	3/4	47,303	3/4	62,424	3/4	77,579	3/4	92,734	3/4	107,889	3/4	123,044	3/4	138,197
2	2,408	2	17,535	2	32,690	2	47,613	2	62,740	2	77,895	2	93,050	2	108,205	2	123,360	2	138,513
1/4	2,718	1/4	17,851	1/4	33,005	1/4	47,922	1/4	63,056	1/4	78,211	1/4	93,366	1/4	108,521	1/4	123,676	1/4	138,829
1/2	3,027	1/2	18,166	1/2	33,321	1/2	48,232	1/2	63,371	1/2	78,526	1/2	93,681	1/2	108,836	1/2	123,991	1/2	139,144
3/4	3,336	3/4	18,482	3/4	33,637	3/4	48,541	3/4	63,687	3/4	78,842	3/4	93,997	3/4	109,152	3/4	124,307	3/4	139,460
3	3,646	3	18,798	3	33,952	3	48,851	3	64,003	3	79,158	3	94,313	3	109,468	3	124,623	3	139,776
1/4	3,961	1/4	19,114	1/4	34,268	1/4	49,166	1/4	64,319	1/4	79,474	1/4	94,629	1/4	109,784	1/4	124,939	1/4	140,091
1/2	4,276	1/2	19,429	1/2	34,584	1/2	49,481	1/2	64,634	1/2	79,789	1/2	94,944	1/2	110,099	1/2	125,254	1/2	140,407
3/4	4,591	3/4	19,745	3/4	34,900	3/4	49,796	3/4	64,950	3/4	80,105	3/4	95,260	3/4	110,415	3/4	125,570	3/4	140,722
4	4,907	4	20,061	4	35,215	4	50,111	4	65,266	4	80,421	4	95,576	4	110,731	4	125,886	4	141,038
1/4	5,222	1/4	20,376	1/4	35,531	1/4	50,426	1/4	65,581	1/4	80,736	1/4	95,892	1/4	111,047	1/4	126,202	1/4	141,354
1/2	5,538	1/2	20,692	1/2	35,847	1/2	50,742	1/2	65,897	1/2	81,052	1/2	96,207	1/2	111,362	1/2	126,517	1/2	141,669
3/4	5,853	3/4	21,008	3/4	36,162	3/4	51,058	3/4	66,213	3/4	81,368	3/4	96,523	3/4	111,678	3/4	126,833	3/4	141,985
5	6,169	5	21,324	5	36,478	5	51,374	5	66,529	5	81,684	5	96,839	5	111,994	5	127,149	5	142,301
1/4	6,485	1/4	21,639	1/4	36,788	1/4	51,689	1/4	66,844	1/4	81,999	1/4	97,154	1/4	112,309	1/4	127,465	1/4	142,616
1/2	6,800	1/2	21,955	1/2	37,098	1/2	52,005	1/2	67,160	1/2	82,315	1/2	97,470	1/2	112,625	1/2	127,780	1/2	142,932
3/4	7,116	3/4	22,271	3/4	37,408	3/4	52,321	3/4	67,476	3/4	82,631	3/4	97,786	3/4	112,941	3/4	128,096	3/4	143,248
6	7,432	6	22,586	6	37,718	6	52,637	6	67,792	6	82,947	6	98,102	6	113,257	6	128,412	6	143,563
1/4	7,748	1/4	22,902	1/4	38,027	1/4	52,952	1/4	68,107	1/4	83,262	1/4	98,417	1/4	113,572	1/4	128,727	1/4	143,879
1/2	8,063	1/2	23,218	1/2	38,336	1/2	53,268	1/2	68,423	1/2	83,578	1/2	98,733	1/2	113,888	1/2	129,043	1/2	144,195
3/4	8,379	3/4	23,534	3/4	38,646	3/4	53,584	3/4	68,739	3/4	83,894	3/4	99,049	3/4	114,204	3/4	129,359	3/4	144,510
7	8,695	7	23,849	7	38,955	7	53,899	7	69,054	7	84,210	7	99,365	7	114,520	7	129,675	7	144,826
1/4	9,010	1/4	24,165	1/4	39,264	1/4	54,215	1/4	69,370	1/4	84,525	1/4	99,680	1/4	114,835	1/4	129,990	1/4	145,142
1/2	9,326	1/2	24,481	1/2	39,573	1/2	54,531	1/2	69,686	1/2	84,841	1/2	99,996	1/2	115,151	1/2	130,306	1/2	145,457
3/4	9,642	3/4	24,796	3/4	39,882	3/4	54,847	3/4	70,002	3/4	85,157	3/4	100,312	3/4	115,467	3/4	130,622	3/4	145,773
8	9,958	8	25,112	8	40,192	8	55,162	8	70,317	8	85,472	8	100,627	8	115,783	8	130,937	8	146,089
1/4	10,273	1/4	25,428	1/4	40,501	1/4	55,478	1/4	70,633	1/4	85,788	1/4	100,943	1/4	116,098	1/4	131,253	1/4	146,404
1/2	10,589	1/2	25,744	1/2	40,810	1/2	55,794	1/2	70,949	1/2	86,104	1/2	101,259	1/2	116,414	1/2	131,569	1/2	146,720
3/4	10,905	3/4	26,059	3/4	41,119	3/4	56,110	3/4	71,265	3/4	86,420	3/4	101,575	3/4	116,730	3/4	131,884	3/4	147,036
9	11,221	9	26,375	9	41,428	9	56,425	9	71,580	9	86,735	9	101,890	9	117,045	9	132,200	9	147,351
1/4	11,536	1/4	26,691	1/4	41,737	1/4	56,741	1/4	71,896	1/4	87,051	1/4	102,206	1/4	117,361	1/4	132,516	1/4	147,667
1/2	11,852	1/2	27,007	1/2	42,047	1/2	57,057	1/2	72,212	1/2	87,367	1/2	102,522	1/2	117,677	1/2	132,831	1/2	147,982



BARGE "CBC 311"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,139	0	166,290	0	181,370	0	196,433	0	211,410	0		0		0		0		0	
1/4	151,455	1/4	166,606	1/4	181,683	1/4	196,747	1/4	211,712	1/4		1/4		1/4		1/4		1/4	
1/2	151,770	1/2	166,922	1/2	181,997	1/2	197,061	1/2	212,014	1/2		1/2		1/2		1/2		1/2	
3/4	152,086	3/4	167,237	3/4	182,311	3/4	197,375	3/4	212,316	3/4		3/4		3/4		3/4		3/4	
1	152,402	1	167,553	1	182,625	1	197,689	1	212,619	1		1		1		1		1	
1/4	152,717	1/4	167,869	1/4	182,939	1/4	198,002	1/4	212,882	1/4		1/4		1/4		1/4		1/4	
1/2	153,033	1/2	168,184	1/2	183,252	1/2	198,316	1/2	213,145	1/2		1/2		1/2		1/2		1/2	
3/4	153,349	3/4	168,500	3/4	183,566	3/4	198,630	3/4	213,409	3/4		3/4		3/4		3/4		3/4	
2	153,664	2	168,816	2	183,880	2	198,944	2	213,672	2		2		2		2		2	
1/4	153,980	1/4	169,130	1/4	184,194	1/4	199,258	1/4	213,884	1/4		1/4		1/4		1/4		1/4	
1/2	154,296	1/2	169,444	1/2	184,508	1/2	199,572	1/2	214,095	1/2		1/2		1/2		1/2		1/2	
3/4	154,611	3/4	169,758	3/4	184,822	3/4	199,885	3/4	214,307	3/4		3/4		3/4		3/4		3/4	
3	154,927	3	170,072	3	185,135	3	200,199	3	214,519	3		3		3		3		3	
1/4	155,242	1/4	170,386	1/4	185,449	1/4	200,513	1/4	214,678	1/4		1/4		1/4		1/4		1/4	
1/2	155,558	1/2	170,699	1/2	185,763	1/2	200,827	1/2	214,837	1/2		1/2		1/2		1/2		1/2	
3/4	155,874	3/4	171,013	3/4	186,077	3/4	201,141	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,189	4	171,327	4	186,391	4	201,455	4		4		4		4		4		4	
1/4	156,505	1/4	171,641	1/4	186,705	1/4	201,768	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,821	1/2	171,955	1/2	187,018	1/2	202,082	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,136	3/4	172,269	3/4	187,332	3/4	202,396	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,452	5	172,582	5	187,646	5	202,710	5		5		5		5		5		5	
1/4	157,768	1/4	172,896	1/4	187,960	1/4	203,024	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,083	1/2	173,210	1/2	188,274	1/2	203,337	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,399	3/4	173,524	3/4	188,588	3/4	203,651	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,715	6	173,838	6	188,901	6	203,965	6		6		6		6		6		6	
1/4	159,030	1/4	174,151	1/4	189,215	1/4	204,279	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,346	1/2	174,465	1/2	189,529	1/2	204,593	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,662	3/4	174,779	3/4	189,843	3/4	204,907	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,977	7	175,093	7	190,157	7	205,220	7		7		7		7		7		7	
1/4	160,293	1/4	175,407	1/4	190,471	1/4	205,531	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,609	1/2	175,721	1/2	190,784	1/2	205,842	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,924	3/4	176,034	3/4	191,098	3/4	206,153	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,240	8	176,348	8	191,412	8	206,463	8		8		8		8		8		8	
1/4	161,556	1/4	176,662	1/4	191,726	1/4	206,774	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,871	1/2	176,976	1/2	192,040	1/2	207,084	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,187	3/4	177,290	3/4	192,354	3/4	207,394	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,502	9	177,604	9	192,667	9	207,704	9		9		9		9		9		9	
1/4	162,818	1/4	177,917	1/4	192,981	1/4	208,014	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,134	1/2	178,231	1/2	193,295	1/2	208,323	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,449	3/4	178,545	3/4	193,609	3/4	208,633	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,765	10	178,859	10	193,923	10	208,943	10		10		10		10		10		10	
1/4	164,081	1/4	179,173	1/4	194,236	1/4	209,252	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,396	1/2	179,487	1/2	194,550	1/2	209,561	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,712	3/4	179,800	3/4	194,864	3/4	209,870	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,028	11	180,114	11	195,178	11	210,179	11		11		11		11		11		11	
1/4	165,343	1/4	180,428	1/4	195,492	1/4	210,486	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,659	1/2	180,742	1/2	195,806	1/2	210,794	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,975	3/4	181,056	3/4	196,119	3/4	211,102	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/29/2013 CL - SW
CALCULATED: 01/30/2013 CL
PRINTED: 01/30/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/201



BARGE "CBC 311"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	594	0	15,026	0	30,197	0	45,082	0	60,202	0	75,374	0	90,545	0	105,717	0	120,889	0	136,059
1/4	781	1/4	15,342	1/4	30,513	1/4	45,390	1/4	60,518	1/4	75,690	1/4	90,862	1/4	106,033	1/4	121,205	1/4	136,375
1/2	969	1/2	15,658	1/2	30,829	1/2	45,698	1/2	60,834	1/2	76,006	1/2	91,178	1/2	106,349	1/2	121,521	1/2	136,691
3/4	1,157	3/4	15,974	3/4	31,145	3/4	46,006	3/4	61,150	3/4	76,322	3/4	91,494	3/4	106,665	3/4	121,837	3/4	137,007
1	1,344	1	16,290	1	31,461	1	46,314	1	61,466	1	76,638	1	91,810	1	106,982	1	122,153	1	137,323
1/4	1,611	1/4	16,606	1/4	31,777	1/4	46,627	1/4	61,782	1/4	76,954	1/4	92,126	1/4	107,298	1/4	122,469	1/4	137,639
1/2	1,877	1/2	16,922	1/2	32,094	1/2	46,940	1/2	62,098	1/2	77,270	1/2	92,442	1/2	107,614	1/2	122,786	1/2	137,955
3/4	2,144	3/4	17,238	3/4	32,410	3/4	47,254	3/4	62,414	3/4	77,586	3/4	92,758	3/4	107,930	3/4	123,102	3/4	138,271
2	2,411	2	17,554	2	32,726	2	47,567	2	62,730	2	77,902	2	93,074	2	108,246	2	123,418	2	138,587
1/4	2,721	1/4	17,870	1/4	33,042	1/4	47,881	1/4	63,047	1/4	78,218	1/4	93,390	1/4	108,562	1/4	123,734	1/4	138,903
1/2	3,030	1/2	18,186	1/2	33,358	1/2	48,196	1/2	63,363	1/2	78,534	1/2	93,706	1/2	108,878	1/2	124,050	1/2	139,219
3/4	3,340	3/4	18,503	3/4	33,674	3/4	48,510	3/4	63,679	3/4	78,850	3/4	94,022	3/4	109,194	3/4	124,366	3/4	139,535
3	3,650	3	18,819	3	33,990	3	48,824	3	63,995	3	79,167	3	94,338	3	109,510	3	124,682	3	139,851
1/4	3,965	1/4	19,135	1/4	34,299	1/4	49,140	1/4	64,311	1/4	79,483	1/4	94,654	1/4	109,826	1/4	124,998	1/4	140,167
1/2	4,281	1/2	19,451	1/2	34,609	1/2	49,456	1/2	64,627	1/2	79,799	1/2	94,971	1/2	110,142	1/2	125,314	1/2	140,483
3/4	4,596	3/4	19,767	3/4	34,918	3/4	49,771	3/4	64,943	3/4	80,115	3/4	95,287	3/4	110,458	3/4	125,630	3/4	140,799
4	4,912	4	20,083	4	35,228	4	50,087	4	65,259	4	80,431	4	95,603	4	110,775	4	125,946	4	141,115
1/4	5,228	1/4	20,399	1/4	35,537	1/4	50,403	1/4	65,575	1/4	80,747	1/4	95,919	1/4	111,091	1/4	126,262	1/4	141,431
1/2	5,544	1/2	20,715	1/2	35,845	1/2	50,719	1/2	65,891	1/2	81,063	1/2	96,235	1/2	111,407	1/2	126,578	1/2	141,747
3/4	5,860	3/4	21,031	3/4	36,154	3/4	51,036	3/4	66,207	3/4	81,379	3/4	96,551	3/4	111,723	3/4	126,895	3/4	142,063
5	6,176	5	21,347	5	36,462	5	51,352	5	66,523	5	81,695	5	96,867	5	112,039	5	127,211	5	142,379
1/4	6,492	1/4	21,663	1/4	36,770	1/4	51,668	1/4	66,839	1/4	82,011	1/4	97,183	1/4	112,355	1/4	127,527	1/4	142,695
1/2	6,808	1/2	21,979	1/2	37,078	1/2	51,984	1/2	67,156	1/2	82,327	1/2	97,499	1/2	112,671	1/2	127,843	1/2	143,011
3/4	7,124	3/4	22,295	3/4	37,386	3/4	52,300	3/4	67,472	3/4	82,643	3/4	97,815	3/4	112,987	3/4	128,159	3/4	143,327
6	7,440	6	22,611	6	37,694	6	52,616	6	67,788	6	82,960	6	98,131	6	113,303	6	128,475	6	143,643
1/4	7,756	1/4	22,928	1/4	38,002	1/4	52,932	1/4	68,104	1/4	83,276	1/4	98,447	1/4	113,619	1/4	128,791	1/4	143,959
1/2	8,072	1/2	23,244	1/2	38,310	1/2	53,248	1/2	68,420	1/2	83,592	1/2	98,763	1/2	113,935	1/2	129,107	1/2	144,275
3/4	8,388	3/4	23,560	3/4	38,618	3/4	53,564	3/4	68,736	3/4	83,908	3/4	99,080	3/4	114,251	3/4	129,423	3/4	144,591
7	8,704	7	23,876	7	38,925	7	53,880	7	69,052	7	84,224	7	99,396	7	114,567	7	129,739	7	144,907
1/4	9,020	1/4	24,192	1/4	39,233	1/4	54,196	1/4	69,368	1/4	84,540	1/4	99,712	1/4	114,884	1/4	130,055	1/4	145,223
1/2	9,336	1/2	24,508	1/2	39,541	1/2	54,512	1/2	69,684	1/2	84,856	1/2	100,028	1/2	115,200	1/2	130,371	1/2	145,539
3/4	9,653	3/4	24,824	3/4	39,849	3/4	54,828	3/4	70,000	3/4	85,172	3/4	100,344	3/4	115,516	3/4	130,687	3/4	145,855
8	9,969	8	25,140	8	40,157	8	55,145	8	70,316	8	85,488	8	100,660	8	115,832	8	131,003	8	146,171
1/4	10,285	1/4	25,456	1/4	40,465	1/4	55,461	1/4	70,632	1/4	85,804	1/4	100,976	1/4	116,148	1/4	131,319	1/4	146,487
1/2	10,601	1/2	25,772	1/2	40,772	1/2	55,777	1/2	70,949	1/2	86,120	1/2	101,292	1/2	116,464	1/2	131,635	1/2	146,803
3/4	10,917	3/4	26,088	3/4	41,080	3/4	56,093	3/4	71,265	3/4	86,436	3/4	101,608	3/4	116,780	3/4	131,951	3/4	147,119
9	11,233	9	26,404	9	41,388	9	56,409	9	71,581	9	86,752	9	101,924	9	117,096	9	132,267	9	147,435
1/4	11,549	1/4	26,720	1/4	41,696	1/4	56,725	1/4	71,897	1/4	87,069	1/4	102,240	1/4	117,412	1/4	132,583	1/4	147,751
1/2	11,865	1/2	27,036	1/2	42,004	1/2	57,041	1/2	72,213	1/2	87,385	1/2	102,556	1/2	117,728	1/2	132,899	1/2	148,067
3/4																			



BARGE "CBC 311"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,227	0	166,395	0	181,491	0	196,572	0	211,565	0		0		0		0		0	
1/4	151,543	1/4	166,711	1/4	181,806	1/4	196,886	1/4	211,868	1/4		1/4		1/4		1/4		1/4	
1/2	151,859	1/2	167,027	1/2	182,120	1/2	197,200	1/2	212,170	1/2		1/2		1/2		1/2		1/2	
3/4	152,175	3/4	167,343	3/4	182,434	3/4	197,514	3/4	212,473	3/4		3/4		3/4		3/4		3/4	
1	152,491	1	167,659	1	182,748	1	197,829	1	212,775	1		1		1		1		1	
1/4	152,807	1/4	167,975	1/4	183,062	1/4	198,143	1/4	213,039	1/4		1/4		1/4		1/4		1/4	
1/2	153,123	1/2	168,291	1/2	183,376	1/2	198,457	1/2	213,302	1/2		1/2		1/2		1/2		1/2	
3/4	153,439	3/4	168,607	3/4	183,691	3/4	198,771	3/4	213,566	3/4		3/4		3/4		3/4		3/4	
2	153,755	2	168,923	2	184,005	2	199,085	2	213,829	2		2		2		2		2	
1/4	154,071	1/4	169,238	1/4	184,319	1/4	199,399	1/4	214,041	1/4		1/4		1/4		1/4		1/4	
1/2	154,387	1/2	169,552	1/2	184,633	1/2	199,714	1/2	214,253	1/2		1/2		1/2		1/2		1/2	
3/4	154,703	3/4	169,867	3/4	184,947	3/4	200,028	3/4	214,466	3/4		3/4		3/4		3/4		3/4	
3	155,019	3	170,181	3	185,261	3	200,342	3	214,678	3		3		3		3		3	
1/4	155,335	1/4	170,495	1/4	185,576	1/4	200,656	1/4	214,837	1/4		1/4		1/4		1/4		1/4	
1/2	155,651	1/2	170,809	1/2	185,890	1/2	200,970	1/2	214,996	1/2		1/2		1/2		1/2		1/2	
3/4	155,967	3/4	171,124	3/4	186,204	3/4	201,284	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,283	4	171,438	4	186,518	4	201,599	4		4		4		4		4		4	
1/4	156,599	1/4	171,752	1/4	186,832	1/4	201,913	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,915	1/2	172,066	1/2	187,147	1/2	202,227	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,231	3/4	172,380	3/4	187,461	3/4	202,541	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,547	5	172,694	5	187,775	5	202,855	5		5		5		5		5		5	
1/4	157,863	1/4	173,009	1/4	188,089	1/4	203,169	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,179	1/2	173,323	1/2	188,403	1/2	203,484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,495	3/4	173,637	3/4	188,717	3/4	203,798	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,811	6	173,951	6	189,032	6	204,112	6		6		6		6		6		6	
1/4	159,127	1/4	174,265	1/4	189,346	1/4	204,426	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,443	1/2	174,580	1/2	189,660	1/2	204,740	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,759	3/4	174,894	3/4	189,974	3/4	205,055	3/4		3/4		3/4		3/4		3/4		3/4	
7	160,075	7	175,208	7	190,288	7	205,369	7		7		7		7		7		7	
1/4	160,391	1/4	175,522	1/4	190,602	1/4	205,680	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,707	1/2	175,836	1/2	190,917	1/2	205,991	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,023	3/4	176,150	3/4	191,231	3/4	206,302	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,339	8	176,465	8	191,545	8	206,613	8		8		8		8		8		8	
1/4	161,655	1/4	176,779	1/4	191,859	1/4	206,924	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,971	1/2	177,093	1/2	192,173	1/2	207,234	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,287	3/4	177,407	3/4	192,488	3/4	207,545	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,603	9	177,721	9	192,802	9	207,855	9		9		9		9		9		9	
1/4	162,919	1/4	178,035	1/4	193,116	1/4	208,165	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,235	1/2	178,350	1/2	193,430	1/2	208,475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,551	3/4	178,664	3/4	193,744	3/4	208,785	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,867	10	178,978	10	194,058	10	209,095	10		10		10		10		10		10	
1/4	164,183	1/4	179,292	1/4	194,373	1/4	209,404	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,499	1/2	179,606	1/2	194,687	1/2	209,714	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,815	3/4	179,921	3/4	195,001	3/4	210,023	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,131	11	180,235	11	195,315	11	210,332	11		11		11		11		11		11	
1/4	165,447	1/4	180,549	1/4	195,629	1/4	210,641	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,763	1/2	180,863	1/2	195,943	1/2	210,949	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,079	3/4	181,177	3/4	196,258	3/4	211,257	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/29/2013 CL - SW
CALCULATED: 01/30/2013 CL
PRINTED: 01/30/2013 SW



BARGE "CBC 311"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	610	0	15,469	0	31,082	0	46,420	0	61,833	0	77,411	0	92,987	0	108,513	0	124,077	0	139,643
1/4	804	1/4	15,795	1/4	31,406	1/4	46,736	1/4	62,157	1/4	77,736	1/4	93,311	1/4	108,837	1/4	124,401	1/4	139,968
1/2	997	1/2	16,120	1/2	31,731	1/2	47,052	1/2	62,482	1/2	78,060	1/2	93,634	1/2	109,162	1/2	124,726	1/2	140,292
3/4	1,190	3/4	16,446	3/4	32,055	3/4	47,368	3/4	62,806	3/4	78,385	3/4	93,958	3/4	109,486	3/4	125,050	3/4	140,616
1	1,383	1	16,771	1	32,379	1	47,684	1	63,131	1	78,710	1	94,281	1	109,810	1	125,374	1	140,941
1/4	1,658	1/4	17,096	1/4	32,704	1/4	48,000	1/4	63,456	1/4	79,034	1/4	94,604	1/4	110,134	1/4	125,699	1/4	141,265
1/2	1,932	1/2	17,422	1/2	33,028	1/2	48,317	1/2	63,780	1/2	79,359	1/2	94,928	1/2	110,458	1/2	126,023	1/2	141,589
3/4	2,207	3/4	17,747	3/4	33,353	3/4	48,633	3/4	64,105	3/4	79,683	3/4	95,251	3/4	110,782	3/4	126,347	3/4	141,913
2	2,481	2	18,073	2	33,677	2	48,949	2	64,429	2	80,008	2	95,575	2	111,106	2	126,672	2	142,238
1/4	2,800	1/4	18,398	1/4	34,001	1/4	49,266	1/4	64,754	1/4	80,332	1/4	95,898	1/4	111,430	1/4	126,996	1/4	142,562
1/2	3,119	1/2	18,724	1/2	34,326	1/2	49,582	1/2	65,078	1/2	80,657	1/2	96,222	1/2	111,754	1/2	127,320	1/2	142,886
3/4	3,438	3/4	19,049	3/4	34,650	3/4	49,899	3/4	65,403	3/4	80,982	3/4	96,545	3/4	112,078	3/4	127,644	3/4	143,210
3	3,757	3	19,374	3	34,975	3	50,215	3	65,728	3	81,306	3	96,869	3	112,402	3	127,969	3	143,535
1/4	4,082	1/4	19,700	1/4	35,299	1/4	50,532	1/4	66,052	1/4	81,631	1/4	97,192	1/4	112,726	1/4	128,293	1/4	143,859
1/2	4,407	1/2	20,025	1/2	35,623	1/2	50,848	1/2	66,376	1/2	81,955	1/2	97,516	1/2	113,051	1/2	128,617	1/2	144,183
3/4	4,732	3/4	20,351	3/4	35,948	3/4	51,165	3/4	66,701	3/4	82,280	3/4	97,839	3/4	113,375	3/4	128,942	3/4	144,508
4	5,057	4	20,676	4	36,272	4	51,482	4	67,025	4	82,604	4	98,163	4	113,699	4	129,266	4	144,832
1/4	5,382	1/4	21,001	1/4	36,597	1/4	51,798	1/4	67,350	1/4	82,929	1/4	98,486	1/4	114,023	1/4	129,590	1/4	145,155
1/2	5,707	1/2	21,327	1/2	36,921	1/2	52,115	1/2	67,674	1/2	83,254	1/2	98,810	1/2	114,348	1/2	129,915	1/2	145,479
3/4	6,032	3/4	21,652	3/4	37,245	3/4	52,432	3/4	67,999	3/4	83,578	3/4	99,133	3/4	114,672	3/4	130,239	3/4	145,803
5	6,358	5	21,978	5	37,570	5	52,748	5	68,323	5	83,903	5	99,457	5	114,996	5	130,563	5	146,126
1/4	6,683	1/4	22,303	1/4	37,887	1/4	53,072	1/4	68,648	1/4	84,227	1/4	99,780	1/4	115,321	1/4	130,888	1/4	146,450
1/2	7,009	1/2	22,629	1/2	38,203	1/2	53,396	1/2	68,972	1/2	84,552	1/2	100,103	1/2	115,645	1/2	131,212	1/2	146,773
3/4	7,334	3/4	22,954	3/4	38,520	3/4	53,719	3/4	69,297	3/4	84,877	3/4	100,427	3/4	115,969	3/4	131,536	3/4	147,096
6	7,659	6	23,279	6	38,837	6	54,043	6	69,621	6	85,201	6	100,750	6	116,294	6	131,860	6	147,420
1/4	7,985	1/4	23,605	1/4	39,153	1/4	54,367	1/4	69,946	1/4	85,526	1/4	101,074	1/4	116,618	1/4	132,185	1/4	147,743
1/2	8,310	1/2	23,930	1/2	39,468	1/2	54,692	1/2	70,271	1/2	85,850	1/2	101,397	1/2	116,942	1/2	132,509	1/2	148,066
3/4	8,636	3/4	24,256	3/4	39,784	3/4	55,017	3/4	70,595	3/4	86,175	3/4	101,721	3/4	117,267	3/4	132,833	3/4	148,390
7	8,961	7	24,581	7	40,100	7	55,341	7	70,920	7	86,499	7	102,044	7	117,591	7	133,158	7	148,713
1/4	9,287	1/4	24,906	1/4	40,416	1/4	55,666	1/4	71,244	1/4	86,824	1/4	102,368	1/4	117,915	1/4	133,482	1/4	149,036
1/2	9,612	1/2	25,232	1/2	40,732	1/2	55,990	1/2	71,569	1/2	87,149	1/2	102,691	1/2	118,239	1/2	133,806	1/2	149,359
3/4	9,937	3/4	25,557	3/4	41,048	3/4	56,315	3/4	71,893	3/4	87,473	3/4	103,015	3/4	118,564	3/4	134,131	3/4	149,682
8	10,263	8	25,883	8	41,364	8	56,639	8	72,218	8	87,798	8	103,338	8	118,888	8	134,455	8	150,006
1/4	10,588	1/4	26,208	1/4	41,680	1/4	56,964	1/4	72,543	1/4	88,122	1/4	103,662	1/4	119,212	1/4	134,779	1/4	150,328
1/2	10,914	1/2	26,534	1/2	41,996	1/2	57,289	1/2	72,867	1/2	88,447	1/2	103,985	1/2	119,537	1/2	135,103	1/2	150,651
3/4	11,239	3/4	26,859	3/4	42,312	3/4	57,613	3/4	73,192	3/4	88,771	3/4	104,309	3/4	119,861	3/4	135,428	3/4	150,974
9	11,564	9	27,184	9	42,628	9	57,938	9	73,516	9	89,096	9	104,632	9	120,185	9	135,752	9	151,297
1/4	11,890	1/4	27,510	1/4	42,944	1/4	58,262	1/4	73,841	1/4	89,421	1/4	104,955	1/4	120,510	1/4	136,076	1/4	151,618
1/2	12,215	1/2	27,835	1/2	43,260	1/2	58,587	1/2	74,165	1/2	89,745	1/2	105,279	1/2	120,834	1/2	136,401		



BARGE "CBC 311"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	155,032	0	167,339	0	179,281	0	191,212	0	203,076	0		0		0		0		0	
1/4	155,319	1/4	167,589	1/4	179,530	1/4	191,461	1/4	203,315	1/4		1/4		1/4		1/4		1/4	
1/2	155,607	1/2	167,839	1/2	179,778	1/2	191,709	1/2	203,554	1/2		1/2		1/2		1/2		1/2	
3/4	155,894	3/4	168,089	3/4	180,027	3/4	191,958	3/4	203,794	3/4		3/4		3/4		3/4		3/4	
1	156,181	1	168,338	1	180,276	1	192,207	1	204,033	1		1		1		1		1	
1/4	156,456	1/4	168,588	1/4	180,524	1/4	192,455	1/4	204,242	1/4		1/4		1/4		1/4		1/4	
1/2	156,731	1/2	168,838	1/2	180,773	1/2	192,704	1/2	204,450	1/2		1/2		1/2		1/2		1/2	
3/4	157,006	3/4	169,088	3/4	181,021	3/4	192,952	3/4	204,659	3/4		3/4		3/4		3/4		3/4	
2	157,281	2	169,338	2	181,270	2	193,201	2	204,868	2		2		2		2		2	
1/4	157,543	1/4	169,587	1/4	181,518	1/4	193,449	1/4	205,036	1/4		1/4		1/4		1/4		1/4	
1/2	157,805	1/2	169,836	1/2	181,767	1/2	193,698	1/2	205,203	1/2		1/2		1/2		1/2		1/2	
3/4	158,067	3/4	170,084	3/4	182,015	3/4	193,946	3/4	205,371	3/4		3/4		3/4		3/4		3/4	
3	158,330	3	170,333	3	182,264	3	194,195	3	205,539	3		3		3		3		3	
1/4	158,582	1/4	170,582	1/4	182,513	1/4	194,444	1/4	205,665	1/4		1/4		1/4		1/4		1/4	
1/2	158,835	1/2	170,830	1/2	182,761	1/2	194,692	1/2	205,791	1/2		1/2		1/2		1/2		1/2	
3/4	159,088	3/4	171,079	3/4	183,010	3/4	194,941	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,340	4	171,327	4	183,258	4	195,189	4		4		4		4		4		4	
1/4	159,590	1/4	171,576	1/4	183,507	1/4	195,438	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,840	1/2	171,824	1/2	183,755	1/2	195,686	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,091	3/4	172,073	3/4	184,004	3/4	195,935	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,341	5	172,322	5	184,253	5	196,183	5		5		5		5		5		5	
1/4	160,591	1/4	172,570	1/4	184,501	1/4	196,432	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,841	1/2	172,819	1/2	184,750	1/2	196,681	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,090	3/4	173,067	3/4	184,998	3/4	196,929	3/4		3/4		3/4		3/4		3/4		3/4	
6	161,340	6	173,316	6	185,247	6	197,178	6		6		6		6		6		6	
1/4	161,590	1/4	173,564	1/4	185,495	1/4	197,426	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,840	1/2	173,813	1/2	185,744	1/2	197,675	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,090	3/4	174,062	3/4	185,992	3/4	197,923	3/4		3/4		3/4		3/4		3/4		3/4	
7	162,340	7	174,310	7	186,241	7	198,172	7		7		7		7		7		7	
1/4	162,590	1/4	174,559	1/4	186,490	1/4	198,418	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,840	1/2	174,807	1/2	186,738	1/2	198,664	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,090	3/4	175,056	3/4	186,987	3/4	198,911	3/4		3/4		3/4		3/4		3/4		3/4	
8	163,340	8	175,304	8	187,235	8	199,157	8		8		8		8		8		8	
1/4	163,590	1/4	175,553	1/4	187,484	1/4	199,402	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,840	1/2	175,801	1/2	187,732	1/2	199,648	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,090	3/4	176,050	3/4	187,981	3/4	199,894	3/4		3/4		3/4		3/4		3/4		3/4	
9	164,340	9	176,299	9	188,230	9	200,140	9		9		9		9		9		9	
1/4	164,589	1/4	176,547	1/4	188,478	1/4	200,385	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,839	1/2	176,796	1/2	188,727	1/2	200,630	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,089	3/4	177,044	3/4	188,975	3/4	200,876	3/4		3/4		3/4		3/4		3/4		3/4	
10	165,339	10	177,293	10	189,224	10	201,121	10		10		10		10		10		10	
1/4	165,589	1/4	177,541	1/4	189,472	1/4	201,366	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,839	1/2	177,790	1/2	189,721	1/2	201,611	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,089	3/4	178,038	3/4	189,969	3/4	201,855	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,339	11	178,287	11	190,218	11	202,100	11		11		11		11		11		11	
1/4	166,589	1/4	178,536	1/4	190,467	1/4	202,344	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,839	1/2	178,784	1/2	190,715	1/2	202,588	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,089	3/4	179,033	3/4	190,964	3/4	202,832	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/29/2013 CL - SW
CALCULATED: 01/30/2013 CL
PRINTED: 01/30/2013 SW



BARGE "CBC 311"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	610	0	15,462	0	31,067	0	46,205	0	61,478	0	77,050	0	92,618	0	108,137	0	123,694	0	139,253
1/4	803	1/4	15,787	1/4	31,392	1/4	46,514	1/4	61,803	1/4	77,374	1/4	92,941	1/4	108,461	1/4	124,018	1/4	139,577
1/2	996	1/2	16,113	1/2	31,716	1/2	46,823	1/2	62,127	1/2	77,698	1/2	93,265	1/2	108,785	1/2	124,342	1/2	139,901
3/4	1,190	3/4	16,438	3/4	32,040	3/4	47,132	3/4	62,452	3/4	78,023	3/4	93,588	3/4	109,109	3/4	124,666	3/4	140,225
1	1,383	1	16,763	1	32,364	1	47,441	1	62,776	1	78,347	1	93,911	1	109,433	1	124,990	1	140,549
1/4	1,657	1/4	17,089	1/4	32,689	1/4	47,750	1/4	63,100	1/4	78,672	1/4	94,235	1/4	109,757	1/4	125,314	1/4	140,873
1/2	1,931	1/2	17,414	1/2	33,013	1/2	48,060	1/2	63,425	1/2	78,996	1/2	94,558	1/2	110,081	1/2	125,639	1/2	141,197
3/4	2,206	3/4	17,739	3/4	33,337	3/4	48,369	3/4	63,749	3/4	79,321	3/4	94,881	3/4	110,405	3/4	125,963	3/4	141,522
2	2,480	2	18,064	2	33,661	2	48,678	2	64,074	2	79,645	2	95,205	2	110,728	2	126,287	2	141,846
1/4	2,799	1/4	18,390	1/4	33,986	1/4	48,988	1/4	64,398	1/4	79,969	1/4	95,528	1/4	111,052	1/4	126,611	1/4	142,170
1/2	3,118	1/2	18,715	1/2	34,310	1/2	49,298	1/2	64,723	1/2	80,294	1/2	95,851	1/2	111,376	1/2	126,935	1/2	142,494
3/4	3,437	3/4	19,040	3/4	34,634	3/4	49,608	3/4	65,047	3/4	80,618	3/4	96,175	3/4	111,700	3/4	127,259	3/4	142,818
3	3,756	3	19,365	3	34,958	3	49,918	3	65,371	3	80,943	3	96,498	3	112,024	3	127,584	3	143,142
1/4	4,080	1/4	19,691	1/4	35,283	1/4	50,229	1/4	65,696	1/4	81,267	1/4	96,821	1/4	112,348	1/4	127,908	1/4	143,466
1/2	4,405	1/2	20,016	1/2	35,607	1/2	50,539	1/2	66,020	1/2	81,592	1/2	97,145	1/2	112,672	1/2	128,232	1/2	143,791
3/4	4,730	3/4	20,341	3/4	35,931	3/4	50,849	3/4	66,344	3/4	81,916	3/4	97,468	3/4	112,996	3/4	128,556	3/4	144,115
4	5,054	4	20,666	4	36,255	4	51,160	4	66,669	4	82,240	4	97,791	4	113,321	4	128,880	4	144,439
1/4	5,379	1/4	20,992	1/4	36,579	1/4	51,470	1/4	66,993	1/4	82,565	1/4	98,115	1/4	113,645	1/4	129,204	1/4	144,762
1/2	5,705	1/2	21,317	1/2	36,902	1/2	51,780	1/2	67,317	1/2	82,889	1/2	98,438	1/2	113,969	1/2	129,529	1/2	145,086
3/4	6,030	3/4	21,642	3/4	37,226	3/4	52,091	3/4	67,641	3/4	83,214	3/4	98,761	3/4	114,293	3/4	129,853	3/4	145,409
5	6,355	5	21,967	5	37,550	5	52,401	5	67,966	5	83,538	5	99,085	5	114,617	5	130,177	5	145,732
1/4	6,680	1/4	22,293	1/4	37,860	1/4	52,724	1/4	68,290	1/4	83,863	1/4	99,408	1/4	114,941	1/4	130,501	1/4	146,056
1/2	7,005	1/2	22,618	1/2	38,170	1/2	53,047	1/2	68,615	1/2	84,187	1/2	99,731	1/2	115,265	1/2	130,825	1/2	146,379
3/4	7,331	3/4	22,943	3/4	38,481	3/4	53,369	3/4	68,939	3/4	84,511	3/4	100,055	3/4	115,590	3/4	131,149	3/4	146,702
6	7,656	6	23,269	6	38,791	6	53,692	6	69,263	6	84,836	6	100,378	6	115,914	6	131,473	6	147,026
1/4	7,981	1/4	23,594	1/4	39,100	1/4	54,016	1/4	69,588	1/4	85,160	1/4	100,701	1/4	116,238	1/4	131,798	1/4	147,349
1/2	8,306	1/2	23,919	1/2	39,409	1/2	54,341	1/2	69,912	1/2	85,485	1/2	101,025	1/2	116,562	1/2	132,122	1/2	147,672
3/4	8,632	3/4	24,244	3/4	39,718	3/4	54,665	3/4	70,237	3/4	85,809	3/4	101,348	3/4	116,886	3/4	132,446	3/4	147,995
7	8,957	7	24,570	7	40,027	7	54,990	7	70,561	7	86,134	7	101,671	7	117,210	7	132,770	7	148,318
1/4	9,282	1/4	24,895	1/4	40,336	1/4	55,314	1/4	70,885	1/4	86,458	1/4	101,995	1/4	117,535	1/4	133,094	1/4	148,641
1/2	9,607	1/2	25,220	1/2	40,645	1/2	55,639	1/2	71,210	1/2	86,782	1/2	102,318	1/2	117,859	1/2	133,418	1/2	148,964
3/4	9,933	3/4	25,545	3/4	40,954	3/4	55,963	3/4	71,534	3/4	87,107	3/4	102,641	3/4	118,183	3/4	133,742	3/4	149,287
8	10,258	8	25,871	8	41,262	8	56,287	8	71,859	8	87,431	8	102,964	8	118,507	8	134,067	8	149,610
1/4	10,583	1/4	26,196	1/4	41,571	1/4	56,612	1/4	72,183	1/4	87,756	1/4	103,288	1/4	118,831	1/4	134,391	1/4	149,933
1/2	10,909	1/2	26,521	1/2	41,880	1/2	56,936	1/2	72,508	1/2	88,080	1/2	103,611	1/2	119,155	1/2	134,715	1/2	150,255
3/4	11,234	3/4	26,846	3/4	42,189	3/4	57,261	3/4	72,832	3/4	88,404	3/4	103,934	3/4	119,480	3/4	135,039	3/4	150,578
9	11,559	9	27,172	9	42,498	9	57,585	9	73,156	9	88,729	9	104,258	9	119,804	9	135,363	9	150,901
1/4	11,884	1/4	27,497	1/4	42,807	1/4	57,910	1/4	73,481	1/4	89,053	1/4	104,581	1/4	120,128	1/4	135,687	1/4	151,222
1/2	12,210	1/2	27,822	1/2	43,116	1/2	58,234	1/2	73,805	1/2	89,378	1/2	104,904	1/2	120,452	1/2	136,0		



BARGE "CBC 311"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	154,634	0	166,935	0	178,872	0	190,798	0	202,655	0		0		0		0		0	
1/4	154,921	1/4	167,185	1/4	179,121	1/4	191,046	1/4	202,895	1/4		1/4		1/4		1/4		1/4	
1/2	155,209	1/2	167,435	1/2	179,369	1/2	191,294	1/2	203,134	1/2		1/2		1/2		1/2		1/2	
3/4	155,496	3/4	167,685	3/4	179,618	3/4	191,543	3/4	203,373	3/4		3/4		3/4		3/4		3/4	
1	155,783	1	167,934	1	179,866	1	191,791	1	203,613	1		1		1		1		1	
1/4	156,058	1/4	168,184	1/4	180,114	1/4	192,040	1/4	203,821	1/4		1/4		1/4		1/4		1/4	
1/2	156,332	1/2	168,434	1/2	180,363	1/2	192,288	1/2	204,030	1/2		1/2		1/2		1/2		1/2	
3/4	156,607	3/4	168,684	3/4	180,611	3/4	192,537	3/4	204,238	3/4		3/4		3/4		3/4		3/4	
2	156,882	2	168,934	2	180,860	2	192,785	2	204,447	2		2		2		2		2	
1/4	157,144	1/4	169,182	1/4	181,108	1/4	193,034	1/4	204,614	1/4		1/4		1/4		1/4		1/4	
1/2	157,406	1/2	169,431	1/2	181,357	1/2	193,282	1/2	204,782	1/2		1/2		1/2		1/2		1/2	
3/4	157,668	3/4	169,680	3/4	181,605	3/4	193,530	3/4	204,950	3/4		3/4		3/4		3/4		3/4	
3	157,930	3	169,928	3	181,854	3	193,779	3	205,118	3		3		3		3		3	
1/4	158,183	1/4	170,177	1/4	182,102	1/4	194,027	1/4	205,244	1/4		1/4		1/4		1/4		1/4	
1/2	158,435	1/2	170,425	1/2	182,350	1/2	194,276	1/2	205,370	1/2		1/2		1/2		1/2		1/2	
3/4	158,688	3/4	170,673	3/4	182,599	3/4	194,524	3/4		3/4		3/4		3/4		3/4		3/4	
4	158,940	4	170,922	4	182,847	4	194,773	4		4		4		4		4		4	
1/4	159,190	1/4	171,170	1/4	183,096	1/4	195,021	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,440	1/2	171,419	1/2	183,344	1/2	195,270	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,690	3/4	171,667	3/4	183,593	3/4	195,518	3/4		3/4		3/4		3/4		3/4		3/4	
5	159,940	5	171,916	5	183,841	5	195,766	5		5		5		5		5		5	
1/4	160,190	1/4	172,164	1/4	184,090	1/4	196,015	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,440	1/2	172,413	1/2	184,338	1/2	196,263	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,690	3/4	172,661	3/4	184,586	3/4	196,512	3/4		3/4		3/4		3/4		3/4		3/4	
6	160,940	6	172,909	6	184,835	6	196,760	6		6		6		6		6		6	
1/4	161,189	1/4	173,158	1/4	185,083	1/4	197,009	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,439	1/2	173,406	1/2	185,332	1/2	197,257	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,689	3/4	173,655	3/4	185,580	3/4	197,506	3/4		3/4		3/4		3/4		3/4		3/4	
7	161,939	7	173,903	7	185,829	7	197,754	7		7		7		7		7		7	
1/4	162,189	1/4	174,152	1/4	186,077	1/4	198,000	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,439	1/2	174,400	1/2	186,326	1/2	198,246	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,688	3/4	174,649	3/4	186,574	3/4	198,492	3/4		3/4		3/4		3/4		3/4		3/4	
8	162,938	8	174,897	8	186,822	8	198,738	8		8		8		8		8		8	
1/4	163,188	1/4	175,145	1/4	187,071	1/4	198,984	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,438	1/2	175,394	1/2	187,319	1/2	199,230	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,688	3/4	175,642	3/4	187,568	3/4	199,475	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,937	9	175,891	9	187,816	9	199,721	9		9		9		9		9		9	
1/4	164,187	1/4	176,139	1/4	188,065	1/4	199,966	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,437	1/2	176,388	1/2	188,313	1/2	200,211	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,687	3/4	176,636	3/4	188,562	3/4	200,456	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,937	10	176,885	10	188,810	10	200,702	10		10		10		10		10		10	
1/4	165,186	1/4	177,133	1/4	189,058	1/4	200,946	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,436	1/2	177,382	1/2	189,307	1/2	201,191	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,686	3/4	177,630	3/4	189,555	3/4	201,436	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,936	11	177,878	11	189,804	11	201,680	11		11		11		11		11		11	
1/4	166,186	1/4	178,127	1/4	190,052	1/4	201,924	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,436	1/2	178,375	1/2	190,301	1/2	202,168	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,685	3/4	178,624	3/4	190,549	3/4	202,412	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/29/2013 CL - SW
CALCULATED: 01/30/2013 CL
PRINTED: 01/30/2013 SW

CANCELS AND SUPER



BARGE "CBC 311"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 1/2"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO 8" DIAMETER HATCH.

STRAPPED: 01/29/2013 CL - SW
CALCULATED: 01/29/2013 CL
PRINTED: 01/29/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

PRECISION MEASUREMENT



BARGE "CBC 311"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-1/8	- 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
2 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
2 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-03"

January 29, 2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 311"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	219,756	0	205,071	0	189,460	0	173,848	0	158,157	0	142,458	0	126,758	0	111,055
1/4		1/4		1/4	219,591	1/4	204,746	1/4	189,135	1/4	173,523	1/4	157,830	1/4	142,131	1/4	126,430	1/4	110,727
1/2		1/2		1/2	219,371	1/2	204,421	1/2	188,809	1/2	173,197	1/2	157,503	1/2	141,804	1/2	126,103	1/2	110,400
3/4		3/4		3/4	219,151	3/4	204,096	3/4	188,484	3/4	172,872	3/4	157,176	3/4	141,477	3/4	125,776	3/4	110,073
1		1		1	218,932	1	203,770	1	188,159	1	172,546	1	156,849	1	141,150	1	125,449	1	109,746
1/4		1/4		1/4	218,712	1/4	203,445	1/4	187,834	1/4	172,221	1/4	156,522	1/4	140,823	1/4	125,122	1/4	109,419
1/2		1/2		1/2	218,439	1/2	203,120	1/2	187,508	1/2	171,894	1/2	156,195	1/2	140,496	1/2	124,795	1/2	109,092
3/4		3/4		3/4	218,166	3/4	202,795	3/4	187,183	3/4	171,567	3/4	155,868	3/4	140,168	3/4	124,467	3/4	108,765
2		2		2	217,893	2	202,469	2	186,858	2	171,240	2	155,541	2	139,841	2	124,140	2	108,437
1/4		1/4		1/4	217,620	1/4	202,144	1/4	186,533	1/4	170,913	1/4	155,214	1/4	139,514	1/4	123,813	1/4	108,110
1/2		1/2		1/2	217,307	1/2	201,819	1/2	186,207	1/2	170,586	1/2	154,886	1/2	139,187	1/2	123,486	1/2	107,783
3/4		3/4		3/4	216,994	3/4	201,494	3/4	185,882	3/4	170,259	3/4	154,559	3/4	138,860	3/4	123,159	3/4	107,456
3		3		3	216,680	3	201,168	3	185,557	3	169,932	3	154,232	3	138,533	3	122,832	3	107,129
1/4		1/4		1/4	216,367	1/4	200,843	1/4	185,232	1/4	169,604	1/4	153,905	1/4	138,206	1/4	122,505	1/4	106,802
1/2		1/2		1/2	216,048	1/2	200,518	1/2	184,906	1/2	169,277	1/2	153,578	1/2	137,879	1/2	122,177	1/2	106,475
3/4		3/4		3/4	215,729	3/4	200,193	3/4	184,581	3/4	168,950	3/4	153,251	3/4	137,552	3/4	121,850	3/4	106,147
4		4		4	215,410	4	199,868	4	184,256	4	168,623	4	152,924	4	137,225	4	121,523	4	105,820
1/4		1/4		1/4	215,091	1/4	199,542	1/4	183,931	1/4	168,296	1/4	152,597	1/4	136,898	1/4	121,196	1/4	105,493
1/2		1/2		1/2	214,770	1/2	199,217	1/2	183,605	1/2	167,969	1/2	152,270	1/2	136,571	1/2	120,869	1/2	105,166
3/4		3/4		3/4	214,450	3/4	198,892	3/4	183,280	3/4	167,642	3/4	151,943	3/4	136,244	3/4	120,542	3/4	104,839
5		5		5	214,130	5	198,567	5	182,955	5	167,315	5	151,616	5	135,917	5	120,215	5	104,512
1/4		1/4		1/4	213,809	1/4	198,241	1/4	182,630	1/4	166,988	1/4	151,289	1/4	135,590	1/4	119,887	1/4	104,185
1/2		1/2		1/2	213,488	1/2	197,916	1/2	182,304	1/2	166,661	1/2	150,962	1/2	135,262	1/2	119,560	1/2	103,857
3/4		3/4		3/4	213,167	3/4	197,591	3/4	181,979	3/4	166,334	3/4	150,635	3/4	134,935	3/4	119,233	3/4	103,530
6		6		6	212,846	6	197,266	6	181,654	6	166,007	6	150,308	6	134,608	6	118,906	6	103,203
1/4		1/4		1/4	212,525	1/4	196,940	1/4	181,329	1/4	165,680	1/4	149,980	1/4	134,281	1/4	118,579	1/4	102,876
1/2		1/2		1/2	212,203	1/2	196,615	1/2	181,003	1/2	165,353	1/2	149,653	1/2	133,954	1/2	118,252	1/2	102,549
3/4		3/4		3/4	211,882	3/4	196,290	3/4	180,678	3/4	165,026	3/4	149,326	3/4	133,627	3/4	117,925	3/4	102,222
7		7		7	211,560	7	195,965	7	180,353	7	164,698	7	148,999	7	133,300	7	117,597	7	101,895
1/4		1/4		1/4	211,239	1/4	195,639	1/4	180,028	1/4	164,371	1/4	148,672	1/4	132,973	1/4	117,270	1/4	101,567
1/2		1/2		1/2	210,917	1/2	195,314	1/2	179,702	1/2	164,044	1/2	148,345	1/2	132,646	1/2	116,943	1/2	101,240
3/4		3/4		3/4	210,594	3/4	194,989	3/4	179,377	3/4	163,717	3/4	148,018	3/4	132,319	3/4	116,616	3/4	100,913
8		8		8	210,272	8	194,664	8	179,052	8	163,390	8	147,691	8	131,992	8	116,289	8	100,586
1/4		1/4		1/4	209,950	1/4	194,338	1/4	178,727	1/4	163,063	1/4	147,364	1/4	131,665	1/4	115,962	1/4	100,259
1/2		1/2		1/2	209,625	1/2	194,013	1/2	178,402	1/2	162,736	1/2	147,037	1/2	131,338	1/2	115,635	1/2	99,932
3/4		3/4		3/4	209,300	3/4	193,688	3/4	178,076	3/4	162,409	3/4	146,710	3/4	131,010	3/4	115,307	3/4	99,605
9		9		9	208,974	9	193,363	9	177,751	9	162,082	9	146,383	9	130,683	9	114,980	9	99,277
1/4		1/4		1/4	208,649	1/4	193,037	1/4	177,426	1/4	161,755	1/4	146,056	1/4	130,356	1/4	114,653	1/4	98,950
1/2		1/2		1/2	208,324	1/2	192,712	1/2	177,101	1/2	161,428	1/2	145,729	1/2	130,029	1/2	114,326	1/2	98,623
3/4		3/4		3/4	207,999	3/4	192,387	3/4	176,775	3/4	161,101	3/4	145,402	3/4	129,702	3/4	113,999	3/4	98,296
10		10		10	207,673	10	192,062	10	176,450	10	160,774	10	145,074	10	129,3				



BARGE "CBC 311"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	95,374	0	79,668	0	63,961	0	48,254	0	32,652	0	17,189	0	3,283	0		0		0	
1/4	95,047	1/4	79,340	1/4	63,634	1/4	47,927	1/4	32,327	1/4	16,878	1/4	3,013	1/4	1/4	1/4		1/4	
1/2	94,720	1/2	79,013	1/2	63,306	1/2	47,600	1/2	32,000	1/2	16,570	1/2	2,753	1/2	1/2	1/2		1/2	
3/4	94,393	3/4	78,686	3/4	62,979	3/4	47,273	3/4	31,672	3/4	16,263	3/4	2,493	3/4	3/4	3/4		3/4	
1	94,065	1	78,359	1	62,652	1	46,947	1	31,345	1	15,955	1	2,232	1		1		1	
1/4	93,738	1/4	78,031	1/4	62,325	1/4	46,620	1/4	31,018	1/4	15,647	1/4	1,972	1/4	1/4	1/4		1/4	
1/2	93,411	1/2	77,704	1/2	61,998	1/2	46,293	1/2	30,691	1/2	15,343	1/2	1,760	1/2	1/2	1/2		1/2	
3/4	93,084	3/4	77,377	3/4	61,670	3/4	45,967	3/4	30,363	3/4	15,039	3/4	1,548	3/4	3/4	3/4		3/4	
2	92,756	2	77,050	2	61,343	2	45,640	2	30,036	2	14,735	2	1,336	2		2		2	
1/4	92,429	1/4	76,723	1/4	61,016	1/4	45,314	1/4	29,709	1/4	14,430	1/4	1,123	1/4	1/4	1/4		1/4	
1/2	92,102	1/2	76,395	1/2	60,689	1/2	44,989	1/2	29,382	1/2	14,130	1/2	989	1/2	1/2	1/2		1/2	
3/4	91,775	3/4	76,068	3/4	60,361	3/4	44,665	3/4	29,055	3/4	13,829	3/4	854	3/4	3/4	3/4		3/4	
3	91,448	3	75,741	3	60,034	3	44,340	3	28,727	3	13,528	3	719	3		3		3	
1/4	91,120	1/4	75,414	1/4	59,707	1/4	44,016	1/4	28,400	1/4	13,227	1/4	584	1/4	1/4	1/4		1/4	
1/2	90,793	1/2	75,086	1/2	59,380	1/2	43,691	1/2	28,073	1/2	12,930	1/2		1/2	1/2	1/2		1/2	
3/4	90,466	3/4	74,759	3/4	59,053	3/4	43,367	3/4	27,746	3/4	12,632	3/4		3/4	3/4	3/4		3/4	
4	90,139	4	74,432	4	58,725	4	43,042	4	27,419	4	12,335	4		4		4		4	
1/4	89,811	1/4	74,105	1/4	58,398	1/4	42,718	1/4	27,091	1/4	12,037	1/4		1/4	1/4	1/4		1/4	
1/2	89,484	1/2	73,778	1/2	58,071	1/2	42,393	1/2	26,764	1/2	11,743	1/2		1/2	1/2	1/2		1/2	
3/4	89,157	3/4	73,450	3/4	57,744	3/4	42,069	3/4	26,437	3/4	11,449	3/4		3/4	3/4	3/4		3/4	
5	88,830	5	73,123	5	57,416	5	41,744	5	26,110	5	11,155	5		5		5		5	
1/4	88,503	1/4	72,796	1/4	57,089	1/4	41,420	1/4	25,783	1/4	10,861	1/4		1/4	1/4	1/4		1/4	
1/2	88,175	1/2	72,469	1/2	56,762	1/2	41,095	1/2	25,456	1/2	10,571	1/2		1/2	1/2	1/2		1/2	
3/4	87,848	3/4	72,141	3/4	56,435	3/4	40,771	3/4	25,130	3/4	10,280	3/4		3/4	3/4	3/4		3/4	
6	87,521	6	71,814	6	56,108	6	40,446	6	24,804	6	9,990	6		6		6		6	
1/4	87,194	1/4	71,487	1/4	55,780	1/4	40,122	1/4	24,478	1/4	9,699	1/4		1/4	1/4	1/4		1/4	
1/2	86,866	1/2	71,160	1/2	55,453	1/2	39,797	1/2	24,160	1/2	9,412	1/2		1/2	1/2	1/2		1/2	
3/4	86,539	3/4	70,833	3/4	55,126	3/4	39,473	3/4	23,841	3/4	9,125	3/4		3/4	3/4	3/4		3/4	
7	86,212	7	70,505	7	54,799	7	39,148	7	23,523	7	8,837	7		7		7		7	
1/4	85,885	1/4	70,178	1/4	54,471	1/4	38,824	1/4	23,204	1/4	8,550	1/4		1/4	1/4	1/4		1/4	
1/2	85,558	1/2	69,851	1/2	54,144	1/2	38,499	1/2	22,887	1/2	8,266	1/2		1/2	1/2	1/2		1/2	
3/4	85,230	3/4	69,524	3/4	53,817	3/4	38,175	3/4	22,570	3/4	7,983	3/4		3/4	3/4	3/4		3/4	
8	84,903	8	69,196	8	53,490	8	37,850	8	22,253	8	7,699	8		8		8		8	
1/4	84,576	1/4	68,869	1/4	53,163	1/4	37,526	1/4	21,936	1/4	7,415	1/4		1/4	1/4	1/4		1/4	
1/2	84,249	1/2	68,542	1/2	52,835	1/2	37,201	1/2	21,615	1/2	7,135	1/2		1/2	1/2	1/2		1/2	
3/4	83,921	3/4	68,215	3/4	52,508	3/4	36,877	3/4	21,294	3/4	6,854	3/4		3/4	3/4	3/4		3/4	
9	83,594	9	67,888	9	52,181	9	36,552	9	20,972	9	6,574	9		9		9		9	
1/4	83,267	1/4	67,560	1/4	51,854	1/4	36,228	1/4	20,651	1/4	6,293	1/4		1/4	1/4	1/4		1/4	
1/2	82,940	1/2	67,233	1/2	51,526	1/2	35,903	1/2	20,333	1/2	6,016	1/2		1/2	1/2	1/2		1/2	
3/4	82,613	3/4	66,906	3/4	51,199	3/4	35,579	3/4	20,015	3/4	5,739	3/4		3/4	3/4	3/4		3/4	
10	82,285	10	66,579	10	50,872	10	35,254	10	19,698	10	5,462	10		10		10		10	
1/4	81,958	1/4	66,251	1/4	50,545	1/4	34,929	1/4	19,380	1/4	5,185	1/4		1/4	1/4	1/4		1/4	
1/2	81,631	1/2	65,924	1/2	50,218	1/2	34,604	1/2	19,065	1/2	4,912	1/2		1/2	1/2	1/2		1/2	
3/4	81,304	3/4	65,597	3/4	49,890	3/4	34,279	3/4	18,751	3/4	4,639	3/4		3/4	3/4	3/4		3/4	
11	80,976	11	65,270	11	49,563	11	33,954	11	18,436	11	4,365	11		11		11		11	
1/4	80,649	1/4	64,943	1/4	49,236	1/4	33,629	1/4	18,122	1/4									



BARGE "CBC 311"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	205,636	0	190,036	0	174,435	0	158,759	0	143,071	0	127,382	0	111,690
1/4		1/4		1/4	219,825	1/4	205,311	1/4	189,711	1/4	174,110	1/4	158,432	1/4	142,744	1/4	127,055	1/4	111,363
1/2		1/2		1/2	219,660	1/2	204,986	1/2	189,385	1/2	173,785	1/2	158,105	1/2	142,417	1/2	126,728	1/2	111,036
3/4		3/4		3/4	219,495	3/4	204,661	3/4	189,060	3/4	173,460	3/4	157,778	3/4	142,090	3/4	126,401	3/4	110,709
1		1		1	219,276	1	204,336	1	188,735	1	173,135	1	157,451	1	141,763	1	126,074	1	110,382
1/4		1/4		1/4	219,056	1/4	204,011	1/4	188,410	1/4	172,809	1/4	157,125	1/4	141,437	1/4	125,747	1/4	110,055
1/2		1/2		1/2	218,837	1/2	203,686	1/2	188,085	1/2	172,484	1/2	156,798	1/2	141,110	1/2	125,420	1/2	109,728
3/4		3/4		3/4	218,617	3/4	203,361	3/4	187,760	3/4	172,159	3/4	156,471	3/4	140,783	3/4	125,093	3/4	109,402
2		2		2	218,344	2	203,036	2	187,435	2	171,832	2	156,144	2	140,456	2	124,766	2	109,075
1/4		1/4		1/4	218,071	1/4	202,711	1/4	187,110	1/4	171,505	1/4	155,817	1/4	140,129	1/4	124,440	1/4	108,748
1/2		1/2		1/2	217,799	1/2	202,386	1/2	186,785	1/2	171,179	1/2	155,490	1/2	139,802	1/2	124,113	1/2	108,421
3/4		3/4		3/4	217,526	3/4	202,061	3/4	186,460	3/4	170,852	3/4	155,164	3/4	139,476	3/4	123,786	3/4	108,094
3		3		3	217,213	3	201,736	3	186,135	3	170,525	3	154,837	3	139,149	3	123,459	3	107,767
1/4		1/4		1/4	216,900	1/4	201,411	1/4	185,810	1/4	170,198	1/4	154,510	1/4	138,822	1/4	123,132	1/4	107,440
1/2		1/2		1/2	216,587	1/2	201,086	1/2	185,485	1/2	169,871	1/2	154,183	1/2	138,495	1/2	122,805	1/2	107,113
3/4		3/4		3/4	216,274	3/4	200,761	3/4	185,160	3/4	169,544	3/4	153,856	3/4	138,168	3/4	122,478	3/4	106,786
4		4		4	215,955	4	200,436	4	184,835	4	169,218	4	153,529	4	137,841	4	122,151	4	106,459
1/4		1/4		1/4	215,636	1/4	200,111	1/4	184,510	1/4	168,891	1/4	153,203	1/4	137,515	1/4	121,824	1/4	106,132
1/2		1/2		1/2	215,317	1/2	199,786	1/2	184,185	1/2	168,564	1/2	152,876	1/2	137,188	1/2	121,497	1/2	105,806
3/4		3/4		3/4	214,998	3/4	199,461	3/4	183,860	3/4	168,237	3/4	152,549	3/4	136,861	3/4	121,170	3/4	105,479
5		5		5	214,678	5	199,136	5	183,535	5	167,910	5	152,222	5	136,534	5	120,843	5	105,152
1/4		1/4		1/4	214,358	1/4	198,811	1/4	183,210	1/4	167,583	1/4	151,895	1/4	136,207	1/4	120,517	1/4	104,825
1/2		1/2		1/2	214,038	1/2	198,486	1/2	182,885	1/2	167,257	1/2	151,568	1/2	135,880	1/2	120,190	1/2	104,498
3/4		3/4		3/4	213,718	3/4	198,161	3/4	182,560	3/4	166,930	3/4	151,242	3/4	135,554	3/4	119,863	3/4	104,171
6		6		6	213,397	6	197,836	6	182,235	6	166,603	6	150,915	6	135,227	6	119,536	6	103,844
1/4		1/4		1/4	213,076	1/4	197,511	1/4	181,910	1/4	166,276	1/4	150,588	1/4	134,900	1/4	119,209	1/4	103,517
1/2		1/2		1/2	212,755	1/2	197,186	1/2	181,585	1/2	165,949	1/2	150,261	1/2	134,573	1/2	118,882	1/2	103,190
3/4		3/4		3/4	212,434	3/4	196,861	3/4	181,260	3/4	165,622	3/4	149,934	3/4	134,246	3/4	118,555	3/4	102,863
7		7		7	212,113	7	196,536	7	180,935	7	165,295	7	149,607	7	133,919	7	118,228	7	102,536
1/4		1/4		1/4	211,791	1/4	196,211	1/4	180,610	1/4	164,969	1/4	149,281	1/4	133,593	1/4	117,901	1/4	102,210
1/2		1/2		1/2	211,470	1/2	195,886	1/2	180,285	1/2	164,642	1/2	148,954	1/2	133,266	1/2	117,574	1/2	101,883
3/4		3/4		3/4	211,149	3/4	195,561	3/4	179,960	3/4	164,315	3/4	148,627	3/4	132,939	3/4	117,247	3/4	101,556
8		8		8	210,827	8	195,236	8	179,635	8	163,988	8	148,300	8	132,612	8	116,921	8	101,229
1/4		1/4		1/4	210,505	1/4	194,911	1/4	179,310	1/4	163,661	1/4	147,973	1/4	132,285	1/4	116,594	1/4	100,902
1/2		1/2		1/2	210,183	1/2	194,586	1/2	178,985	1/2	163,334	1/2	147,646	1/2	131,958	1/2	116,267	1/2	100,575
3/4		3/4		3/4	209,861	3/4	194,261	3/4	178,660	3/4	163,008	3/4	147,320	3/4	131,632	3/4	115,940	3/4	100,248
9		9		9	209,536	9	193,936	9	178,335	9	162,681	9	146,993	9	131,305	9	115,613	9	99,921
1/4		1/4		1/4	209,211	1/4	193,611	1/4	178,010	1/4	162,354	1/4	146,666	1/4	130,978	1/4	115,286	1/4	99,594
1/2		1/2		1/2	208,886	1/2	193,286	1/2	177,685	1/2	162,027	1/2	146,339	1/2	130,651	1/2	114,959	1/2	99,267
3/4		3/4		3/4	208,561	3/4	192,961	3/4	177,360	3/4	161,700	3/4	146,012	3/4	130,324	3/4	114,632	3/4	98,940
10		10		10	208,236	10	192,636	10	177,035	10	161,373	10	145,685	10	129,997	10	114,305	10	98,613
1/4																			



BARGE "CBC 311"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	95,998	0	80,306	0	64,615	0	48,923	0	33,271	0	17,794	0	3,818	0		0		0	
1/4	95,671	1/4	79,980	1/4	64,288	1/4	48,596	1/4	32,945	1/4	17,483	1/4	3,549	1/4	1/4	1/4		1/4	
1/2	95,344	1/2	79,653	1/2	63,961	1/2	48,269	1/2	32,618	1/2	17,172	1/2	3,279	1/2	1/2	1/2	1/2	1/2	1/2
3/4	95,017	3/4	79,326	3/4	63,634	3/4	47,942	3/4	32,292	3/4	16,861	3/4	3,010	3/4	3/4	3/4	3/4	3/4	3/4
1	94,691	1	78,999	1	63,307	1	47,616	1	31,966	1	16,554	1	2,750	1		1		1	
1/4	94,364	1/4	78,672	1/4	62,980	1/4	47,289	1/4	31,639	1/4	16,247	1/4	2,490	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,037	1/2	78,345	1/2	62,653	1/2	46,963	1/2	31,313	1/2	15,939	1/2	2,230	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,710	3/4	78,018	3/4	62,326	3/4	46,636	3/4	30,986	3/4	15,632	3/4	1,970	3/4	3/4	3/4	3/4	3/4	3/4
2	93,383	2	77,691	2	61,999	2	46,310	2	30,660	2	15,328	2	1,758	2		2		2	
1/4	93,056	1/4	77,364	1/4	61,672	1/4	45,983	1/4	30,333	1/4	15,024	1/4	1,546	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,729	1/2	77,037	1/2	61,346	1/2	45,657	1/2	30,007	1/2	14,720	1/2	1,334	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,402	3/4	76,710	3/4	61,019	3/4	45,330	3/4	29,680	3/4	14,416	3/4	1,122	3/4	3/4	3/4	3/4	3/4	3/4
3	92,075	3	76,384	3	60,692	3	45,004	3	29,353	3	14,116	3	987	3		3		3	
1/4	91,748	1/4	76,057	1/4	60,365	1/4	44,678	1/4	29,027	1/4	13,815	1/4	853	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,421	1/2	75,730	1/2	60,038	1/2	44,352	1/2	28,700	1/2	13,515	1/2	718	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,095	3/4	75,403	3/4	59,711	3/4	44,026	3/4	28,373	3/4	13,214	3/4	584	3/4	3/4	3/4	3/4	3/4	3/4
4	90,768	4	75,076	4	59,384	4	43,699	4	28,046	4	12,917	4		4		4		4	
1/4	90,441	1/4	74,749	1/4	59,057	1/4	43,373	1/4	27,719	1/4	12,620	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,114	1/2	74,422	1/2	58,730	1/2	43,047	1/2	27,392	1/2	12,323	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,787	3/4	74,095	3/4	58,403	3/4	42,721	3/4	27,065	3/4	12,026	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	89,460	5	73,768	5	58,076	5	42,395	5	26,738	5	11,732	5		5		5		5	
1/4	89,133	1/4	73,441	1/4	57,750	1/4	42,070	1/4	26,411	1/4	11,438	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,806	1/2	73,114	1/2	57,423	1/2	41,744	1/2	26,084	1/2	11,144	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,479	3/4	72,787	3/4	57,096	3/4	41,418	3/4	25,758	3/4	10,851	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	88,152	6	72,461	6	56,769	6	41,092	6	25,432	6	10,560	6		6		6		6	
1/4	87,825	1/4	72,134	1/4	56,442	1/4	40,767	1/4	25,106	1/4	10,270	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,498	1/2	71,807	1/2	56,115	1/2	40,441	1/2	24,780	1/2	9,980	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,172	3/4	71,480	3/4	55,788	3/4	40,115	3/4	24,454	3/4	9,689	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	86,845	7	71,153	7	55,461	7	39,790	7	24,136	7	9,402	7		7		7		7	
1/4	86,518	1/4	70,826	1/4	55,134	1/4	39,464	1/4	23,818	1/4	9,115	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,191	1/2	70,499	1/2	54,807	1/2	39,138	1/2	23,500	1/2	8,829	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,864	3/4	70,172	3/4	54,480	3/4	38,812	3/4	23,182	3/4	8,542	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	85,537	8	69,845	8	54,154	8	38,487	8	22,865	8	8,258	8		8		8		8	
1/4	85,210	1/4	69,518	1/4	53,827	1/4	38,161	1/4	22,548	1/4	7,975	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,883	1/2	69,191	1/2	53,500	1/2	37,835	1/2	22,232	1/2	7,691	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,556	3/4	68,865	3/4	53,173	3/4	37,510	3/4	21,915	3/4	7,408	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	84,229	9	68,538	9	52,846	9	37,184	9	21,594	9	7,127	9		9		9		9	
1/4	83,902	1/4	68,211	1/4	52,519	1/4	36,858	1/4	21,273	1/4	6,847	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,576	1/2	67,884	1/2	52,192	1/2	36,532	1/2	20,952	1/2	6,567	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,249	3/4	67,557	3/4	51,865	3/4	36,207	3/4	20,631	3/4	6,287	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	82,922	10	67,230	10	51,538	10	35,881	10	20,314	10	6,010	10		10		10		10	
1/4	82,595	1/4	66,903	1/4	51,211	1/4	35,555	1/4	19,996	1/4	5,734	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,268	1/2	66,576	1/2	50,884	1/2	35,229	1/2	19,678	1/2	5,457	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,941	3/4	66,249	3/4	50,557	3/4	34,903	3/4	19,361	3/4	5,180	3/4		3/4</					



BARGE "CBC 311"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	201,768	0	186,704	0	171,641	0	156,505	0	141,354	0	126,201	0	111,046
1/4		1/4		1/4		1/4	201,454	1/4	186,390	1/4	171,327	1/4	156,189	1/4	141,038	1/4	125,886	1/4	110,731
1/2		1/2		1/2		1/2	201,140	1/2	186,077	1/2	171,013	1/2	155,873	1/2	140,722	1/2	125,570	1/2	110,415
3/4		3/4		3/4		3/4	214,837	3/4	200,827	3/4	185,763	3/4	170,699	3/4	155,558	3/4	140,407	3/4	110,099
1		1		1		1	214,678	1	200,513	1	185,449	1	170,385	1	155,242	1	140,091	1	109,783
1/4		1/4		1/4		1/4	214,519	1/4	200,199	1/4	185,135	1/4	170,071	1/4	154,927	1/4	139,775	1/4	109,468
1/2		1/2		1/2		1/2	214,307	1/2	199,885	1/2	184,821	1/2	169,757	1/2	154,611	1/2	139,460	1/2	109,152
3/4		3/4		3/4		3/4	214,095	3/4	199,571	3/4	184,508	3/4	169,443	3/4	154,295	3/4	139,144	3/4	108,836
2		2		2		2	213,883	2	199,257	2	184,194	2	169,129	2	153,980	2	138,828	2	108,520
1/4		1/4		1/4		1/4	213,671	1/4	198,944	1/4	183,880	1/4	168,815	1/4	153,664	1/4	138,513	1/4	108,205
1/2		1/2		1/2		1/2	213,408	1/2	198,630	1/2	183,566	1/2	168,500	1/2	153,348	1/2	138,197	1/2	107,889
3/4		3/4		3/4		3/4	213,145	3/4	198,316	3/4	183,252	3/4	168,184	3/4	153,033	3/4	137,881	3/4	107,573
3		3		3		3	212,882	3	198,002	3	182,938	3	167,868	3	152,717	3	137,566	3	107,258
1/4		1/4		1/4		1/4	212,618	1/4	197,688	1/4	182,625	1/4	167,553	1/4	152,401	1/4	137,250	1/4	106,942
1/2		1/2		1/2		1/2	212,316	1/2	197,374	1/2	182,311	1/2	167,237	1/2	152,086	1/2	136,934	1/2	106,626
3/4		3/4		3/4		3/4	212,014	3/4	197,061	3/4	181,997	3/4	166,921	3/4	151,770	3/4	136,619	3/4	106,310
4		4		4		4	211,712	4	196,747	4	181,683	4	166,606	4	151,454	4	136,303	4	105,995
1/4		1/4		1/4		1/4	211,410	1/4	196,433	1/4	181,369	1/4	166,290	1/4	151,139	1/4	135,987	1/4	105,679
1/2		1/2		1/2		1/2	211,102	1/2	196,119	1/2	181,055	1/2	165,974	1/2	150,823	1/2	135,672	1/2	105,363
3/4		3/4		3/4		3/4	210,794	3/4	195,805	3/4	180,742	3/4	165,659	3/4	150,507	3/4	135,356	3/4	105,047
5		5		5		5	210,486	5	195,491	5	180,428	5	165,343	5	150,192	5	135,040	5	104,732
1/4		1/4		1/4		1/4	210,178	1/4	195,178	1/4	180,114	1/4	165,027	1/4	149,876	1/4	134,725	1/4	104,416
1/2		1/2		1/2		1/2	209,869	1/2	194,864	1/2	179,800	1/2	164,712	1/2	149,560	1/2	134,409	1/2	104,100
3/4		3/4		3/4		3/4	209,560	3/4	194,550	3/4	179,486	3/4	164,396	3/4	149,245	3/4	134,094	3/4	103,784
6		6		6		6	209,251	6	194,236	6	179,172	6	164,080	6	148,929	6	133,778	6	103,469
1/4		1/4		1/4		1/4	208,942	1/4	193,922	1/4	178,859	1/4	163,765	1/4	148,614	1/4	133,462	1/4	103,153
1/2		1/2		1/2		1/2	208,633	1/2	193,609	1/2	178,545	1/2	163,449	1/2	148,298	1/2	133,147	1/2	102,837
3/4		3/4		3/4		3/4	208,323	3/4	193,295	3/4	178,231	3/4	163,133	3/4	147,982	3/4	132,831	3/4	102,522
7		7		7		7	208,013	7	192,981	7	177,917	7	162,818	7	147,667	7	132,515	7	102,206
1/4		1/4		1/4		1/4	207,704	1/4	192,667	1/4	177,603	1/4	162,502	1/4	147,351	1/4	132,200	1/4	101,890
1/2		1/2		1/2		1/2	207,394	1/2	192,353	1/2	177,289	1/2	162,187	1/2	147,035	1/2	131,884	1/2	101,574
3/4		3/4		3/4		3/4	207,083	3/4	192,039	3/4	176,976	3/4	161,871	3/4	146,720	3/4	131,568	3/4	101,259
8		8		8		8	206,773	8	191,726	8	176,662	8	161,555	8	146,404	8	131,253	8	100,943
1/4		1/4		1/4		1/4	206,463	1/4	191,412	1/4	176,348	1/4	161,240	1/4	146,088	1/4	130,937	1/4	100,627
1/2		1/2		1/2		1/2	206,152	1/2	191,098	1/2	176,034	1/2	160,924	1/2	145,773	1/2	130,621	1/2	100,311
3/4		3/4		3/4		3/4	205,842	3/4	190,784	3/4	175,720	3/4	160,608	3/4	145,457	3/4	130,306	3/4	99,996
9		9		9		9	205,531	9	190,470	9	175,407	9	160,293	9	145,141	9	129,990	9	99,680
1/4		1/4		1/4		1/4	205,220	1/4	190,156	1/4	175,093	1/4	159,977	1/4	144,826	1/4	129,674	1/4	99,364
1/2		1/2		1/2		1/2	204,906	1/2	189,843	1/2	174,779	1/2	159,661	1/2	144,510	1/2	129,359	1/2	99,049
3/4		3/4		3/4		3/4	204,592	3/4	189,529	3/4	174,465	3/4	159,346	3/4	144,194	3/4	129,043	3/4	98,733
10		10		10		10	204,279	10	189,215	10	174,151	10	159,030	10	143,879	10	128,727	10	98,417
1/4		1/4		1/4		1/4	203,965	1/4	188,901	1/4	173,837	1/4	158,714	1/4	143,563	1/4	128,411	1/4	98,101
1/2		1/2		1/2		1/2	203,651	1/2	188,587	1/2	173,524	1/2							



BARGE "CBC 311"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	95,891	0	80,736	0	65,581	0	50,426	0	35,531	0	20,376	0	5,222	0		0		0	
1/4	95,576	1/4	80,420	1/4	65,265	1/4	50,110	1/4	35,215	1/4	20,060	1/4	4,906	1/4	1/4	1/4		1/4	
1/2	95,260	1/2	80,105	1/2	64,950	1/2	49,795	1/2	34,899	1/2	19,745	1/2	4,591	1/2	1/2	1/2		1/2	
3/4	94,944	3/4	79,789	3/4	64,634	3/4	49,481	3/4	34,584	3/4	19,429	3/4	4,276	3/4	3/4	3/4		3/4	
1	94,628	1	79,473	1	64,318	1	49,166	1	34,268	1	19,113	1	3,961	1		1		1	
1/4	94,313	1/4	79,158	1/4	64,003	1/4	48,851	1/4	33,952	1/4	18,798	1/4	3,646	1/4	1/4	1/4		1/4	
1/2	93,997	1/2	78,842	1/2	63,687	1/2	48,541	1/2	33,636	1/2	18,482	1/2	3,336	1/2	1/2	1/2		1/2	
3/4	93,681	3/4	78,526	3/4	63,371	3/4	48,232	3/4	33,321	3/4	18,166	3/4	3,027	3/4	3/4	3/4		3/4	
2	93,365	2	78,210	2	63,055	2	47,922	2	33,005	2	17,850	2	2,717	2		2		2	
1/4	93,050	1/4	77,895	1/4	62,740	1/4	47,613	1/4	32,689	1/4	17,535	1/4	2,408	1/4	1/4	1/4		1/4	
1/2	92,734	1/2	77,579	1/2	62,424	1/2	47,303	1/2	32,374	1/2	17,219	1/2	2,141	1/2	1/2	1/2		1/2	
3/4	92,418	3/4	77,263	3/4	62,108	3/4	46,994	3/4	32,058	3/4	16,903	3/4	1,875	3/4	3/4	3/4		3/4	
3	92,102	3	76,947	3	61,792	3	46,684	3	31,742	3	16,587	3	1,609	3		3		3	
1/4	91,787	1/4	76,632	1/4	61,477	1/4	46,375	1/4	31,426	1/4	16,272	1/4	1,342	1/4	1/4	1/4		1/4	
1/2	91,471	1/2	76,316	1/2	61,161	1/2	46,065	1/2	31,111	1/2	15,956	1/2	1,155	1/2	1/2	1/2		1/2	
3/4	91,155	3/4	76,000	3/4	60,845	3/4	45,756	3/4	30,795	3/4	15,640	3/4	968	3/4	3/4	3/4		3/4	
4	90,840	4	75,685	4	60,530	4	45,447	4	30,479	4	15,325	4	780	4		4		4	
1/4	90,524	1/4	75,369	1/4	60,214	1/4	45,138	1/4	30,163	1/4	15,009	1/4	593	1/4	1/4	1/4		1/4	
1/2	90,208	1/2	75,053	1/2	59,898	1/2	44,829	1/2	29,848	1/2	14,693	1/2		1/2	1/2	1/2		1/2	
3/4	89,892	3/4	74,737	3/4	59,582	3/4	44,520	3/4	29,532	3/4	14,377	3/4		3/4	3/4	3/4		3/4	
5	89,577	5	74,422	5	59,267	5	44,210	5	29,216	5	14,062	5		5		5		5	
1/4	89,261	1/4	74,106	1/4	58,951	1/4	43,901	1/4	28,901	1/4	13,746	1/4		1/4	1/4	1/4		1/4	
1/2	88,945	1/2	73,790	1/2	58,635	1/2	43,592	1/2	28,585	1/2	13,430	1/2		1/2	1/2	1/2		1/2	
3/4	88,629	3/4	73,474	3/4	58,319	3/4	43,283	3/4	28,269	3/4	13,115	3/4		3/4	3/4	3/4		3/4	
6	88,314	6	73,159	6	58,004	6	42,974	6	27,953	6	12,799	6		6		6		6	
1/4	87,998	1/4	72,843	1/4	57,688	1/4	42,665	1/4	27,638	1/4	12,483	1/4		1/4	1/4	1/4		1/4	
1/2	87,682	1/2	72,527	1/2	57,372	1/2	42,355	1/2	27,322	1/2	12,167	1/2		1/2	1/2	1/2		1/2	
3/4	87,367	3/4	72,212	3/4	57,056	3/4	42,046	3/4	27,006	3/4	11,852	3/4		3/4	3/4	3/4		3/4	
7	87,051	7	71,896	7	56,741	7	41,737	7	26,691	7	11,536	7		7		7		7	
1/4	86,735	1/4	71,580	1/4	56,425	1/4	41,428	1/4	26,375	1/4	11,220	1/4		1/4	1/4	1/4		1/4	
1/2	86,419	1/2	71,264	1/2	56,109	1/2	41,119	1/2	26,059	1/2	10,904	1/2		1/2	1/2	1/2		1/2	
3/4	86,104	3/4	70,949	3/4	55,794	3/4	40,810	3/4	25,743	3/4	10,589	3/4		3/4	3/4	3/4		3/4	
8	85,788	8	70,633	8	55,478	8	40,500	8	25,428	8	10,273	8		8		8		8	
1/4	85,472	1/4	70,317	1/4	55,162	1/4	40,191	1/4	25,112	1/4	9,957	1/4		1/4	1/4	1/4		1/4	
1/2	85,156	1/2	70,001	1/2	54,846	1/2	39,882	1/2	24,796	1/2	9,642	1/2		1/2	1/2	1/2		1/2	
3/4	84,841	3/4	69,686	3/4	54,531	3/4	39,573	3/4	24,480	3/4	9,326	3/4		3/4	3/4	3/4		3/4	
9	84,525	9	69,370	9	54,215	9	39,264	9	24,165	9	9,010	9		9		9		9	
1/4	84,209	1/4	69,054	1/4	53,899	1/4	38,955	1/4	23,849	1/4	8,694	1/4		1/4	1/4	1/4		1/4	
1/2	83,894	1/2	68,738	1/2	53,583	1/2	38,645	1/2	23,533	1/2	8,379	1/2		1/2	1/2	1/2		1/2	
3/4	83,578	3/4	68,423	3/4	53,268	3/4	38,336	3/4	23,218	3/4	8,063	3/4		3/4	3/4	3/4		3/4	
10	83,262	10	68,107	10	52,952	10	38,027	10	22,902	10	7,747	10		10		10		10	
1/4	82,946	1/4	67,791	1/4	52,636	1/4	37,718	1/4	22,586	1/4	7,432	1/4		1/4	1/4	1/4		1/4	
1/2	82,631	1/2	67,476	1/2	52,321	1/2	37,408	1/2	22,270	1/2	7,116	1/2		1/2	1/2	1/2		1/2	
3/4	82,315	3/4	67,160	3/4	52,005	3/4	37,098	3/4	21,955	3/4	6,800	3/4		3/4	3/4	3/4		3/4	
11	81,999	11	66,844	11	51,689	11	36,788	11	21,639	11	6,484	11		11		11		11	
1/4	81,683	1/4	66,528	1/4	5														



BARGE "CBC 311"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	201,913	0	186,832	0	171,752	0	156,599	0	141,431	0	126,262	0	111,090
1/4		1/4		1/4		1/4	201,598	1/4	186,518	1/4	171,438	1/4	156,283	1/4	141,115	1/4	125,946	1/4	110,774
1/2		1/2		1/2		1/2	201,284	1/2	186,204	1/2	171,123	1/2	155,967	1/2	140,799	1/2	125,630	1/2	110,458
3/4		3/4		3/4		3/4	214,996	3/4	200,970	3/4	185,890	3/4	155,651	3/4	140,483	3/4	125,314	3/4	110,142
1		1		1		1	214,837	1	200,656	1	185,575	1	155,335	1	140,167	1	124,998	1	109,826
1/4		1/4		1/4		1/4	214,677	1/4	200,342	1/4	185,261	1/4	155,019	1/4	139,851	1/4	124,682	1/4	109,510
1/2		1/2		1/2		1/2	214,465	1/2	200,028	1/2	184,947	1/2	154,703	1/2	139,535	1/2	124,366	1/2	109,194
3/4		3/4		3/4		3/4	214,253	3/4	199,713	3/4	184,633	3/4	154,387	3/4	139,219	3/4	124,050	3/4	108,878
2		2		2		2	214,041	2	199,399	2	184,319	2	154,071	2	138,903	2	123,734	2	108,562
1/4		1/4		1/4		1/4	213,829	1/4	199,085	1/4	184,005	1/4	153,755	1/4	138,587	1/4	123,417	1/4	108,246
1/2		1/2		1/2		1/2	213,566	1/2	198,771	1/2	183,690	1/2	153,439	1/2	138,271	1/2	123,101	1/2	107,930
3/4		3/4		3/4		3/4	213,302	3/4	198,457	3/4	183,376	3/4	153,123	3/4	137,955	3/4	122,785	3/4	107,613
3		3		3		3	213,038	3	198,142	3	183,062	3	152,807	3	137,639	3	122,469	3	107,297
1/4		1/4		1/4		1/4	212,775	1/4	197,828	1/4	182,748	1/4	152,491	1/4	137,323	1/4	122,153	1/4	106,981
1/2		1/2		1/2		1/2	212,472	1/2	197,514	1/2	182,434	1/2	152,175	1/2	137,007	1/2	121,837	1/2	106,665
3/4		3/4		3/4		3/4	212,170	3/4	197,200	3/4	182,120	3/4	151,859	3/4	136,691	3/4	121,521	3/4	106,349
4		4		4		4	211,867	4	196,886	4	181,805	4	151,543	4	136,375	4	121,205	4	106,033
1/4		1/4		1/4		1/4	211,565	1/4	196,572	1/4	181,491	1/4	151,227	1/4	136,059	1/4	120,889	1/4	105,717
1/2		1/2		1/2		1/2	211,257	1/2	196,257	1/2	181,177	1/2	150,911	1/2	135,743	1/2	120,573	1/2	105,401
3/4		3/4		3/4		3/4	210,949	3/4	195,943	3/4	180,863	3/4	150,595	3/4	135,427	3/4	120,257	3/4	105,085
5		5		5		5	210,640	5	195,629	5	180,549	5	150,279	5	135,111	5	119,941	5	104,769
1/4		1/4		1/4		1/4	210,332	1/4	195,315	1/4	180,234	1/4	149,963	1/4	134,795	1/4	119,625	1/4	104,453
1/2		1/2		1/2		1/2	210,023	1/2	195,001	1/2	179,920	1/2	149,647	1/2	134,479	1/2	119,308	1/2	104,137
3/4		3/4		3/4		3/4	209,714	3/4	194,687	3/4	179,606	3/4	149,331	3/4	134,163	3/4	118,992	3/4	103,821
6		6		6		6	209,404	6	194,372	6	179,292	6	149,015	6	133,847	6	118,676	6	103,504
1/4		1/4		1/4		1/4	209,095	1/4	194,058	1/4	178,978	1/4	148,699	1/4	133,531	1/4	118,360	1/4	103,188
1/2		1/2		1/2		1/2	208,785	1/2	193,744	1/2	178,664	1/2	148,383	1/2	133,215	1/2	118,044	1/2	102,872
3/4		3/4		3/4		3/4	208,475	3/4	193,430	3/4	178,349	3/4	148,067	3/4	132,899	3/4	117,728	3/4	102,556
7		7		7		7	208,165	7	193,116	7	178,035	7	147,751	7	132,583	7	117,412	7	102,240
1/4		1/4		1/4		1/4	207,855	1/4	192,801	1/4	177,721	1/4	147,435	1/4	132,267	1/4	117,096	1/4	101,924
1/2		1/2		1/2		1/2	207,544	1/2	192,487	1/2	177,407	1/2	147,119	1/2	131,951	1/2	116,780	1/2	101,608
3/4		3/4		3/4		3/4	207,234	3/4	192,173	3/4	177,093	3/4	146,803	3/4	131,635	3/4	116,464	3/4	101,292
8		8		8		8	206,923	8	191,859	8	176,779	8	146,487	8	131,319	8	116,148	8	100,976
1/4		1/4		1/4		1/4	206,613	1/4	191,545	1/4	176,464	1/4	146,171	1/4	131,003	1/4	115,832	1/4	100,660
1/2		1/2		1/2		1/2	206,302	1/2	191,231	1/2	176,150	1/2	145,855	1/2	130,687	1/2	115,515	1/2	100,344
3/4		3/4		3/4		3/4	205,991	3/4	190,916	3/4	175,836	3/4	145,539	3/4	130,371	3/4	115,199	3/4	100,028
9		9		9		9	205,680	9	190,602	9	175,522	9	145,223	9	130,055	9	114,883	9	99,712
1/4		1/4		1/4		1/4	205,368	1/4	190,288	1/4	175,208	1/4	144,907	1/4	129,739	1/4	114,567	1/4	99,395
1/2		1/2		1/2		1/2	205,054	1/2	189,974	1/2	174,893	1/2	144,591	1/2	129,423	1/2	114,251	1/2	99,079
3/4		3/4		3/4		3/4	204,740	3/4	189,660	3/4	174,579	3/4	144,275	3/4	129,107	3/4	113,935	3/4	98,763
10		10		10		10	204,426	10	189,346	10	174,265	10	143,959	10	128,791	10	113,619	10	98,447
1/4		1/4		1/4		1/4	204,112	1/4	189,031	1/4	173,951	1/4	143,643	1/4	128,475	1/4	113,303	1/4	98,131
1/2		1/2		1/2		1/2	203,798	1/2	188,717	1/2	173,6								



BARGE "CBC 311"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	95,919	0	80,747	0	65,575	0	50,403	0	35,536	0	20,399	0	5,228	0		0		0	
1/4	95,602	1/4	80,431	1/4	65,259	1/4	50,087	1/4	35,228	1/4	20,083	1/4	4,912	1/4	1/4	1/4		1/4	
1/2	95,286	1/2	80,115	1/2	64,943	1/2	49,771	1/2	34,918	1/2	19,767	1/2	4,596	1/2	1/2	1/2	1/2	1/2	
3/4	94,970	3/4	79,799	3/4	64,627	3/4	49,455	3/4	34,609	3/4	19,451	3/4	4,281	3/4	3/4	3/4	3/4	3/4	
1	94,654	1	79,482	1	64,311	1	49,140	1	34,299	1	19,134	1	3,965	1		1		1	
1/4	94,338	1/4	79,166	1/4	63,995	1/4	48,824	1/4	33,990	1/4	18,818	1/4	3,650	1/4	1/4	1/4	1/4	1/4	
1/2	94,022	1/2	78,850	1/2	63,678	1/2	48,510	1/2	33,674	1/2	18,502	1/2	3,340	1/2	1/2	1/2	1/2	1/2	
3/4	93,706	3/4	78,534	3/4	63,362	3/4	48,195	3/4	33,358	3/4	18,186	3/4	3,030	3/4	3/4	3/4	3/4	3/4	
2	93,390	2	78,218	2	63,046	2	47,881	2	33,042	2	17,870	2	2,720	2		2		2	
1/4	93,074	1/4	77,902	1/4	62,730	1/4	47,567	1/4	32,725	1/4	17,554	1/4	2,411	1/4	1/4	1/4	1/4	1/4	
1/2	92,758	1/2	77,586	1/2	62,414	1/2	47,254	1/2	32,409	1/2	17,238	1/2	2,144	1/2	1/2	1/2	1/2	1/2	
3/4	92,442	3/4	77,270	3/4	62,098	3/4	46,940	3/4	32,093	3/4	16,922	3/4	1,877	3/4	3/4	3/4	3/4	3/4	
3	92,126	3	76,954	3	61,782	3	46,627	3	31,777	3	16,606	3	1,611	3		3		3	
1/4	91,810	1/4	76,638	1/4	61,466	1/4	46,313	1/4	31,461	1/4	16,290	1/4	1,344	1/4	1/4	1/4	1/4	1/4	
1/2	91,493	1/2	76,322	1/2	61,150	1/2	46,006	1/2	31,145	1/2	15,974	1/2	1,156	1/2	1/2	1/2	1/2	1/2	
3/4	91,177	3/4	76,006	3/4	60,834	3/4	45,698	3/4	30,829	3/4	15,658	3/4	969	3/4	3/4	3/4	3/4	3/4	
4	90,861	4	75,689	4	60,518	4	45,390	4	30,513	4	15,342	4	781	4		4		4	
1/4	90,545	1/4	75,373	1/4	60,202	1/4	45,082	1/4	30,197	1/4	15,026	1/4	594	1/4	1/4	1/4	1/4	1/4	
1/2	90,229	1/2	75,057	1/2	59,886	1/2	44,774	1/2	29,881	1/2	14,709	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	89,913	3/4	74,741	3/4	59,569	3/4	44,466	3/4	29,565	3/4	14,393	3/4		3/4	3/4	3/4	3/4	3/4	
5	89,597	5	74,425	5	59,253	5	44,159	5	29,249	5	14,077	5		5		5		5	
1/4	89,281	1/4	74,109	1/4	58,937	1/4	43,851	1/4	28,933	1/4	13,761	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	88,965	1/2	73,793	1/2	58,621	1/2	43,543	1/2	28,617	1/2	13,445	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	88,649	3/4	73,477	3/4	58,305	3/4	43,235	3/4	28,300	3/4	13,129	3/4		3/4	3/4	3/4	3/4	3/4	
6	88,333	6	73,161	6	57,989	6	42,927	6	27,984	6	12,813	6		6		6		6	
1/4	88,017	1/4	72,845	1/4	57,673	1/4	42,619	1/4	27,668	1/4	12,497	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	87,700	1/2	72,529	1/2	57,357	1/2	42,311	1/2	27,352	1/2	12,181	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	87,384	3/4	72,213	3/4	57,041	3/4	42,004	3/4	27,036	3/4	11,865	3/4		3/4	3/4	3/4	3/4	3/4	
7	87,068	7	71,897	7	56,725	7	41,696	7	26,720	7	11,549	7		7		7		7	
1/4	86,752	1/4	71,580	1/4	56,409	1/4	41,388	1/4	26,404	1/4	11,233	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	86,436	1/2	71,264	1/2	56,093	1/2	41,080	1/2	26,088	1/2	10,917	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	86,120	3/4	70,948	3/4	55,776	3/4	40,772	3/4	25,772	3/4	10,601	3/4		3/4	3/4	3/4	3/4	3/4	
8	85,804	8	70,632	8	55,460	8	40,464	8	25,456	8	10,284	8		8		8		8	
1/4	85,488	1/4	70,316	1/4	55,144	1/4	40,157	1/4	25,140	1/4	9,968	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	85,172	1/2	70,000	1/2	54,828	1/2	39,849	1/2	24,824	1/2	9,652	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	84,856	3/4	69,684	3/4	54,512	3/4	39,541	3/4	24,508	3/4	9,336	3/4		3/4	3/4	3/4	3/4	3/4	
9	84,540	9	69,368	9	54,196	9	39,233	9	24,192	9	9,020	9		9		9		9	
1/4	84,224	1/4	69,052	1/4	53,880	1/4	38,925	1/4	23,876	1/4	8,704	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	83,908	1/2	68,736	1/2	53,564	1/2	38,617	1/2	23,559	1/2	8,388	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	83,591	3/4	68,420	3/4	53,248	3/4	38,309	3/4	23,243	3/4	8,072	3/4		3/4	3/4	3/4	3/4	3/4	
10	83,275	10	68,104	10	52,932	10	38,002	10	22,927	10	7,756	10		10		10		10	
1/4	82,959	1/4	67,787	1/4	52,616	1/4	37,694	1/4	22,611	1/4	7,440	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	82,643	1/2	67,471	1/2	52,300	1/2	37,386	1/2	22,295	1/2	7,124	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	82,327	3/4	67,155	3/4	51,984	3/4	37,078	3/4	21,979	3/4	6,808	3/4		3/4	3/4	3/4	3/4	3/4	
11	82,011	11	66,839	11	51,667	11	36,770	11	21,66										



BARGE "CBC 311"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	194,940	0	183,009	0	171,078	0	159,087	0	144,507	0	128,941	0	113,374
1/4		1/4		1/4	205,791	1/4	194,692	1/4	182,761	1/4	170,830	1/4	158,834	1/4	144,183	1/4	128,617	1/4	113,050
1/2		1/2		1/2	205,665	1/2	194,443	1/2	182,512	1/2	170,581	1/2	158,582	1/2	143,859	1/2	128,293	1/2	112,726
3/4		3/4		3/4	205,539	3/4	194,195	3/4	182,264	3/4	170,333	3/4	158,329	3/4	143,534	3/4	127,968	3/4	112,402
1		1		1	205,371	1	193,946	1	182,015	1	170,084	1	158,067	1	143,210	1	127,644	1	112,078
1/4		1/4		1/4	205,203	1/4	193,697	1/4	181,767	1/4	169,835	1/4	157,805	1/4	142,886	1/4	127,320	1/4	111,754
1/2		1/2		1/2	205,035	1/2	193,449	1/2	181,518	1/2	169,587	1/2	157,543	1/2	142,562	1/2	126,995	1/2	111,429
3/4		3/4		3/4	204,867	3/4	193,200	3/4	181,269	3/4	169,338	3/4	157,280	3/4	142,237	3/4	126,671	3/4	111,105
2		2		2	204,659	2	192,952	2	181,021	2	169,088	2	157,005	2	141,913	2	126,347	2	110,781
1/4		1/4		1/4	204,450	1/4	192,703	1/4	180,772	1/4	168,838	1/4	156,731	1/4	141,589	1/4	126,023	1/4	110,457
1/2		1/2		1/2	204,241	1/2	192,455	1/2	180,524	1/2	168,588	1/2	156,456	1/2	141,264	1/2	125,698	1/2	110,133
3/4		3/4		3/4	204,033	3/4	192,206	3/4	180,275	3/4	168,338	3/4	156,181	3/4	140,940	3/4	125,374	3/4	109,809
3		3		3	203,793	3	191,958	3	180,027	3	168,088	3	155,894	3	140,616	3	125,050	3	109,485
1/4		1/4		1/4	203,554	1/4	191,709	1/4	179,778	1/4	167,838	1/4	155,606	1/4	140,292	1/4	124,725	1/4	109,161
1/2		1/2		1/2	203,315	1/2	191,460	1/2	179,529	1/2	167,588	1/2	155,319	1/2	139,967	1/2	124,401	1/2	108,837
3/4		3/4		3/4	203,075	3/4	191,212	3/4	179,281	3/4	167,338	3/4	155,031	3/4	139,643	3/4	124,077	3/4	108,513
4		4		4	202,831	4	190,963	4	179,032	4	167,088	4	154,732	4	139,319	4	123,752	4	108,189
1/4		1/4		1/4	202,587	1/4	190,715	1/4	178,784	1/4	166,838	1/4	154,432	1/4	138,994	1/4	123,428	1/4	107,865
1/2		1/2		1/2	202,344	1/2	190,466	1/2	178,535	1/2	166,589	1/2	154,132	1/2	138,670	1/2	123,104	1/2	107,541
3/4		3/4		3/4	202,100	3/4	190,218	3/4	178,287	3/4	166,339	3/4	153,832	3/4	138,346	3/4	122,779	3/4	107,217
5		5		5	201,855	5	189,969	5	178,038	5	166,089	5	153,519	5	138,022	5	122,455	5	106,894
1/4		1/4		1/4	201,610	1/4	189,720	1/4	177,790	1/4	165,839	1/4	153,207	1/4	137,697	1/4	122,131	1/4	106,571
1/2		1/2		1/2	201,365	1/2	189,472	1/2	177,541	1/2	165,589	1/2	152,895	1/2	137,373	1/2	121,806	1/2	106,248
3/4		3/4		3/4	201,121	3/4	189,223	3/4	177,292	3/4	165,339	3/4	152,583	3/4	137,049	3/4	121,482	3/4	105,925
6		6		6	200,875	6	188,975	6	177,044	6	165,089	6	152,261	6	136,724	6	121,158	6	105,601
1/4		1/4		1/4	200,630	1/4	188,726	1/4	176,795	1/4	164,839	1/4	151,940	1/4	136,400	1/4	120,834	1/4	105,278
1/2		1/2		1/2	200,385	1/2	188,478	1/2	176,547	1/2	164,589	1/2	151,618	1/2	136,076	1/2	120,509	1/2	104,955
3/4		3/4		3/4	200,139	3/4	188,229	3/4	176,298	3/4	164,339	3/4	151,297	3/4	135,752	3/4	120,185	3/4	104,632
7		7		7	199,894	7	187,981	7	176,050	7	164,089	7	150,974	7	135,427	7	119,861	7	104,308
1/4		1/4		1/4	199,648	1/4	187,732	1/4	175,801	1/4	163,839	1/4	150,651	1/4	135,103	1/4	119,536	1/4	103,985
1/2		1/2		1/2	199,402	1/2	187,483	1/2	175,552	1/2	163,589	1/2	150,328	1/2	134,779	1/2	119,212	1/2	103,661
3/4		3/4		3/4	199,156	3/4	187,235	3/4	175,304	3/4	163,339	3/4	150,005	3/4	134,454	3/4	118,888	3/4	103,338
8		8		8	198,910	8	186,986	8	175,055	8	163,090	8	149,682	8	134,130	8	118,563	8	103,014
1/4		1/4		1/4	198,664	1/4	186,738	1/4	174,807	1/4	162,840	1/4	149,359	1/4	133,806	1/4	118,239	1/4	102,691
1/2		1/2		1/2	198,418	1/2	186,489	1/2	174,558	1/2	162,590	1/2	149,036	1/2	133,482	1/2	117,915	1/2	102,367
3/4		3/4		3/4	198,172	3/4	186,241	3/4	174,310	3/4	162,340	3/4	148,713	3/4	133,157	3/4	117,590	3/4	102,044
9		9		9	197,923	9	185,992	9	174,061	9	162,090	9	148,389	9	132,833	9	117,266	9	101,720
1/4		1/4		1/4	197,674	1/4	185,744	1/4	173,813	1/4	161,840	1/4	148,066	1/4	132,509	1/4	116,942	1/4	101,397
1/2		1/2		1/2	197,426	1/2	185,495	1/2	173,564	1/2	161,590	1/2	147,743	1/2	132,184	1/2	116,618	1/2	101,074
3/4		3/4		3/4	197,177	3/4	185,246	3/4	173,315	3/4	161,340	3/4	147,419	3/4	131,860	3/4	116,293	3/4	100,750
10		10		10	196,929	10	184,998	10	173,067	10	161,090	10	147,096	10	131,536	10	115,969	10	100,427
1/4		1/4																	



BARGE "CBC 311"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	97,839	0	82,280	0	66,701	0	51,165	0	35,947	0	20,350	0	4,731	0		0		0	
1/4	97,515	1/4	81,955	1/4	66,376	1/4	50,848	1/4	35,623	1/4	20,025	1/4	4,407	1/4	1/4	1/4		1/4	
1/2	97,192	1/2	81,630	1/2	66,052	1/2	50,531	1/2	35,299	1/2	19,699	1/2	4,082	1/2	1/2	1/2		1/2	
3/4	96,868	3/4	81,306	3/4	65,727	3/4	50,215	3/4	34,974	3/4	19,374	3/4	3,757	3/4	3/4	3/4		3/4	
1	96,545	1	80,981	1	65,403	1	49,898	1	34,650	1	19,049	1	3,438	1		1		1	
1/4	96,221	1/4	80,657	1/4	65,078	1/4	49,582	1/4	34,325	1/4	18,723	1/4	3,119	1/4	1/4	1/4		1/4	
1/2	95,898	1/2	80,332	1/2	64,753	1/2	49,265	1/2	34,001	1/2	18,398	1/2	2,800	1/2	1/2	1/2		1/2	
3/4	95,574	3/4	80,007	3/4	64,429	3/4	48,949	3/4	33,677	3/4	18,072	3/4	2,481	3/4	3/4	3/4		3/4	
2	95,251	2	79,683	2	64,104	2	48,633	2	33,352	2	17,747	2	2,206	2		2		2	
1/4	94,928	1/4	79,358	1/4	63,780	1/4	48,316	1/4	33,028	1/4	17,422	1/4	1,932	1/4	1/4	1/4		1/4	
1/2	94,604	1/2	79,034	1/2	63,455	1/2	48,000	1/2	32,703	1/2	17,096	1/2	1,657	1/2	1/2	1/2		1/2	
3/4	94,281	3/4	78,709	3/4	63,131	3/4	47,684	3/4	32,379	3/4	16,771	3/4	1,383	3/4	3/4	3/4		3/4	
3	93,957	3	78,385	3	62,806	3	47,368	3	32,055	3	16,445	3	1,190	3		3		3	
1/4	93,634	1/4	78,060	1/4	62,481	1/4	47,052	1/4	31,730	1/4	16,120	1/4	997	1/4	1/4	1/4		1/4	
1/2	93,310	1/2	77,735	1/2	62,157	1/2	46,736	1/2	31,406	1/2	15,794	1/2	803	1/2	1/2	1/2		1/2	
3/4	92,987	3/4	77,411	3/4	61,832	3/4	46,420	3/4	31,081	3/4	15,469	3/4	610	3/4	3/4	3/4		3/4	
4	92,663	4	77,086	4	61,508	4	46,104	4	30,757	4	15,144	4		4		4		4	
1/4	92,339	1/4	76,762	1/4	61,183	1/4	45,788	1/4	30,433	1/4	14,818	1/4		1/4	1/4	1/4		1/4	
1/2	92,016	1/2	76,437	1/2	60,859	1/2	45,472	1/2	30,108	1/2	14,493	1/2		1/2	1/2	1/2		1/2	
3/4	91,692	3/4	76,113	3/4	60,534	3/4	45,156	3/4	29,784	3/4	14,167	3/4		3/4	3/4	3/4		3/4	
5	91,368	5	75,788	5	60,209	5	44,840	5	29,459	5	13,842	5		5		5		5	
1/4	91,043	1/4	75,463	1/4	59,885	1/4	44,524	1/4	29,135	1/4	13,517	1/4		1/4	1/4	1/4		1/4	
1/2	90,719	1/2	75,139	1/2	59,560	1/2	44,208	1/2	28,810	1/2	13,191	1/2		1/2	1/2	1/2		1/2	
3/4	90,394	3/4	74,814	3/4	59,236	3/4	43,892	3/4	28,486	3/4	12,866	3/4		3/4	3/4	3/4		3/4	
6	90,069	6	74,490	6	58,911	6	43,576	6	28,160	6	12,540	6		6		6		6	
1/4	89,745	1/4	74,165	1/4	58,586	1/4	43,260	1/4	27,835	1/4	12,215	1/4		1/4	1/4	1/4		1/4	
1/2	89,420	1/2	73,840	1/2	58,262	1/2	42,944	1/2	27,509	1/2	11,889	1/2		1/2	1/2	1/2		1/2	
3/4	89,096	3/4	73,516	3/4	57,937	3/4	42,628	3/4	27,184	3/4	11,564	3/4		3/4	3/4	3/4		3/4	
7	88,771	7	73,191	7	57,613	7	42,312	7	26,859	7	11,239	7		7		7		7	
1/4	88,446	1/4	72,867	1/4	57,288	1/4	41,996	1/4	26,533	1/4	10,913	1/4		1/4	1/4	1/4		1/4	
1/2	88,122	1/2	72,542	1/2	56,964	1/2	41,680	1/2	26,208	1/2	10,588	1/2		1/2	1/2	1/2		1/2	
3/4	87,797	3/4	72,218	3/4	56,639	3/4	41,364	3/4	25,882	3/4	10,262	3/4		3/4	3/4	3/4		3/4	
8	87,473	8	71,893	8	56,314	8	41,048	8	25,557	8	9,937	8		8		8		8	
1/4	87,148	1/4	71,568	1/4	55,990	1/4	40,732	1/4	25,231	1/4	9,612	1/4		1/4	1/4	1/4		1/4	
1/2	86,824	1/2	71,244	1/2	55,665	1/2	40,416	1/2	24,906	1/2	9,286	1/2		1/2	1/2	1/2		1/2	
3/4	86,499	3/4	70,919	3/4	55,341	3/4	40,100	3/4	24,581	3/4	8,961	3/4		3/4	3/4	3/4		3/4	
9	86,174	9	70,595	9	55,016	9	39,784	9	24,255	9	8,635	9		9		9		9	
1/4	85,850	1/4	70,270	1/4	54,692	1/4	39,468	1/4	23,930	1/4	8,310	1/4		1/4	1/4	1/4		1/4	
1/2	85,525	1/2	69,946	1/2	54,367	1/2	39,152	1/2	23,604	1/2	7,984	1/2		1/2	1/2	1/2		1/2	
3/4	85,201	3/4	69,621	3/4	54,042	3/4	38,836	3/4	23,279	3/4	7,659	3/4		3/4	3/4	3/4		3/4	
10	84,876	10	69,296	10	53,719	10	38,520	10	22,954	10	7,334	10		10		10		10	
1/4	84,552	1/4	68,972	1/4	53,395	1/4	38,203	1/4	22,628	1/4	7,008	1/4		1/4	1/4	1/4		1/4	
1/2	84,227	1/2	68,647	1/2	53,072	1/2	37,886	1/2	22,303	1/2	6,683	1/2		1/2	1/2	1/2		1/2	
3/4	83,902	3/4	68,323	3/4	52,748	3/4	37,569	3/4	21,977	3/4	6,357	3/4		3/4	3/4	3/4		3/4	
11	83,578	11	67,998	11	52,431	11	37,245	11	21,652	11	6,032	11		11		11		11	
1/4	83,253	1/4	67,674	1/4	52,115	1/4	36,921	1/4	21,326</										



BARGE "CBC 311"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	194,524	0	182,599	0	170,674	0	158,688	0	144,115	0	128,556	0	112,997
1/4		1/4		1/4	205,370	1/4	194,276	1/4	182,351	1/4	170,425	1/4	158,435	1/4	143,791	1/4	128,232	1/4	112,672
1/2		1/2		1/2	205,244	1/2	194,027	1/2	182,102	1/2	170,177	1/2	158,183	1/2	143,466	1/2	127,908	1/2	112,348
3/4		3/4		3/4	205,118	3/4	193,779	3/4	181,854	3/4	169,928	3/4	157,930	3/4	143,142	3/4	127,584	3/4	112,024
1		1		1	204,950	1	193,531	1	181,605	1	169,680	1	157,668	1	142,818	1	127,259	1	111,700
1/4		1/4		1/4	204,782	1/4	193,282	1/4	181,357	1/4	169,431	1/4	157,406	1/4	142,494	1/4	126,935	1/4	111,376
1/2		1/2		1/2	204,614	1/2	193,034	1/2	181,108	1/2	169,182	1/2	157,144	1/2	142,170	1/2	126,611	1/2	111,052
3/4		3/4		3/4	204,447	3/4	192,785	3/4	180,860	3/4	168,934	3/4	156,882	3/4	141,846	3/4	126,287	3/4	110,729
2		2		2	204,238	2	192,537	2	180,611	2	168,684	2	156,607	2	141,522	2	125,963	2	110,405
1/4		1/4		1/4	204,030	1/4	192,288	1/4	180,363	1/4	168,434	1/4	156,333	1/4	141,198	1/4	125,639	1/4	110,081
1/2		1/2		1/2	203,821	1/2	192,040	1/2	180,114	1/2	168,184	1/2	156,058	1/2	140,873	1/2	125,315	1/2	109,757
3/4		3/4		3/4	203,613	3/4	191,791	3/4	179,866	3/4	167,934	3/4	155,783	3/4	140,549	3/4	124,990	3/4	109,433
3		3		3	203,373	3	191,543	3	179,618	3	167,685	3	155,496	3	140,225	3	124,666	3	109,109
1/4		1/4		1/4	203,134	1/4	191,295	1/4	179,369	1/4	167,435	1/4	155,209	1/4	139,901	1/4	124,342	1/4	108,785
1/2		1/2		1/2	202,895	1/2	191,046	1/2	179,121	1/2	167,185	1/2	154,921	1/2	139,577	1/2	124,018	1/2	108,461
3/4		3/4		3/4	202,655	3/4	190,798	3/4	178,872	3/4	166,935	3/4	154,634	3/4	139,253	3/4	123,694	3/4	108,137
4		4		4	202,412	4	190,549	4	178,624	4	166,685	4	154,334	4	138,929	4	123,370	4	107,814
1/4		1/4		1/4	202,168	1/4	190,301	1/4	178,375	1/4	166,436	1/4	154,034	1/4	138,605	1/4	123,045	1/4	107,490
1/2		1/2		1/2	201,924	1/2	190,052	1/2	178,127	1/2	166,186	1/2	153,735	1/2	138,280	1/2	122,721	1/2	107,166
3/4		3/4		3/4	201,680	3/4	189,804	3/4	177,878	3/4	165,936	3/4	153,435	3/4	137,956	3/4	122,397	3/4	106,842
5		5		5	201,436	5	189,555	5	177,630	5	165,686	5	153,123	5	137,632	5	122,073	5	106,519
1/4		1/4		1/4	201,191	1/4	189,307	1/4	177,382	1/4	165,436	1/4	152,811	1/4	137,308	1/4	121,749	1/4	106,196
1/2		1/2		1/2	200,946	1/2	189,059	1/2	177,133	1/2	165,187	1/2	152,498	1/2	136,984	1/2	121,425	1/2	105,873
3/4		3/4		3/4	200,702	3/4	188,810	3/4	176,885	3/4	164,937	3/4	152,186	3/4	136,660	3/4	121,100	3/4	105,550
6		6		6	200,457	6	188,562	6	176,636	6	164,687	6	151,865	6	136,336	6	120,776	6	105,227
1/4		1/4		1/4	200,211	1/4	188,313	1/4	176,388	1/4	164,437	1/4	151,544	1/4	136,012	1/4	120,452	1/4	104,904
1/2		1/2		1/2	199,966	1/2	188,065	1/2	176,139	1/2	164,187	1/2	151,222	1/2	135,687	1/2	120,128	1/2	104,581
3/4		3/4		3/4	199,721	3/4	187,816	3/4	175,891	3/4	163,937	3/4	150,901	3/4	135,363	3/4	119,804	3/4	104,258
7		7		7	199,475	7	187,568	7	175,642	7	163,688	7	150,578	7	135,039	7	119,480	7	103,935
1/4		1/4		1/4	199,230	1/4	187,319	1/4	175,394	1/4	163,438	1/4	150,256	1/4	134,715	1/4	119,155	1/4	103,611
1/2		1/2		1/2	198,984	1/2	187,071	1/2	175,146	1/2	163,188	1/2	149,933	1/2	134,391	1/2	118,831	1/2	103,288
3/4		3/4		3/4	198,738	3/4	186,823	3/4	174,897	3/4	162,938	3/4	149,610	3/4	134,067	3/4	118,507	3/4	102,965
8		8		8	198,492	8	186,574	8	174,649	8	162,688	8	149,287	8	133,743	8	118,183	8	102,641
1/4		1/4		1/4	198,246	1/4	186,326	1/4	174,400	1/4	162,439	1/4	148,964	1/4	133,418	1/4	117,859	1/4	102,318
1/2		1/2		1/2	198,000	1/2	186,077	1/2	174,152	1/2	162,189	1/2	148,641	1/2	133,094	1/2	117,535	1/2	101,995
3/4		3/4		3/4	197,754	3/4	185,829	3/4	173,903	3/4	161,939	3/4	148,318	3/4	132,770	3/4	117,211	3/4	101,671
9		9		9	197,506	9	185,580	9	173,655	9	161,689	9	147,995	9	132,446	9	116,886	9	101,348
1/4		1/4		1/4	197,257	1/4	185,332	1/4	173,406	1/4	161,439	1/4	147,672	1/4	132,122	1/4	116,562	1/4	101,025
1/2		1/2		1/2	197,009	1/2	185,083	1/2	173,158	1/2	161,190	1/2	147,349	1/2	131,798	1/2	116,238	1/2	100,701
3/4		3/4		3/4	196,760	3/4	184,835	3/4	172,910	3/4	160,940	3/4	147,026	3/4	131,474	3/4	115,914	3/4	100,378
10		10		10	196,512	10	184,587	10	172,661	10	160,690	10	146,702	10	131,149				



BARGE "CBC 311"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	97,468	0	81,916	0	66,344	0	50,849	0	35,931	0	20,341	0	4,730	0		0		0	
1/4	97,145	1/4	81,592	1/4	66,020	1/4	50,539	1/4	35,607	1/4	20,016	1/4	4,405	1/4	1/4		1/4	1/4	
1/2	96,821	1/2	81,267	1/2	65,696	1/2	50,229	1/2	35,283	1/2	19,691	1/2	4,080	1/2	1/2		1/2	1/2	
3/4	96,498	3/4	80,943	3/4	65,371	3/4	49,918	3/4	34,958	3/4	19,365	3/4	3,756	3/4	3/4		3/4	3/4	
1	96,175	1	80,618	1	65,047	1	49,608	1	34,634	1	19,040	1	3,437	1		1		1	
1/4	95,851	1/4	80,294	1/4	64,723	1/4	49,298	1/4	34,310	1/4	18,715	1/4	3,118	1/4	1/4		1/4	1/4	
1/2	95,528	1/2	79,969	1/2	64,398	1/2	48,988	1/2	33,986	1/2	18,390	1/2	2,799	1/2	1/2		1/2	1/2	
3/4	95,205	3/4	79,645	3/4	64,074	3/4	48,678	3/4	33,661	3/4	18,064	3/4	2,480	3/4	3/4		3/4	3/4	
2	94,882	2	79,321	2	63,749	2	48,369	2	33,337	2	17,739	2	2,206	2		2		2	
1/4	94,558	1/4	78,996	1/4	63,425	1/4	48,060	1/4	33,013	1/4	17,414	1/4	1,932	1/4	1/4		1/4	1/4	
1/2	94,235	1/2	78,672	1/2	63,100	1/2	47,750	1/2	32,689	1/2	17,089	1/2	1,657	1/2	1/2		1/2	1/2	
3/4	93,912	3/4	78,347	3/4	62,776	3/4	47,441	3/4	32,364	3/4	16,763	3/4	1,383	3/4	3/4		3/4	3/4	
3	93,588	3	78,023	3	62,452	3	47,132	3	32,040	3	16,438	3	1,190	3		3		3	
1/4	93,265	1/4	77,699	1/4	62,127	1/4	46,823	1/4	31,716	1/4	16,113	1/4	997	1/4	1/4		1/4	1/4	
1/2	92,942	1/2	77,374	1/2	61,803	1/2	46,514	1/2	31,392	1/2	15,788	1/2	803	1/2	1/2		1/2	1/2	
3/4	92,618	3/4	77,050	3/4	61,478	3/4	46,205	3/4	31,067	3/4	15,462	3/4	610	3/4	3/4		3/4	3/4	
4	92,295	4	76,725	4	61,154	4	45,896	4	30,743	4	15,137	4		4		4		4	
1/4	91,971	1/4	76,401	1/4	60,829	1/4	45,587	1/4	30,419	1/4	14,812	1/4		1/4	1/4		1/4	1/4	
1/2	91,648	1/2	76,076	1/2	60,505	1/2	45,279	1/2	30,095	1/2	14,486	1/2		1/2	1/2		1/2	1/2	
3/4	91,324	3/4	75,752	3/4	60,181	3/4	44,970	3/4	29,770	3/4	14,161	3/4		3/4	3/4		3/4	3/4	
5	91,000	5	75,428	5	59,856	5	44,661	5	29,446	5	13,836	5		5		5		5	
1/4	90,676	1/4	75,103	1/4	59,532	1/4	44,352	1/4	29,122	1/4	13,511	1/4		1/4	1/4		1/4	1/4	
1/2	90,351	1/2	74,779	1/2	59,207	1/2	44,043	1/2	28,797	1/2	13,185	1/2		1/2	1/2		1/2	1/2	
3/4	90,027	3/4	74,454	3/4	58,883	3/4	43,734	3/4	28,473	3/4	12,860	3/4		3/4	3/4		3/4	3/4	
6	89,702	6	74,130	6	58,558	6	43,425	6	28,148	6	12,535	6		6		6		6	
1/4	89,378	1/4	73,805	1/4	58,234	1/4	43,116	1/4	27,822	1/4	12,210	1/4		1/4	1/4		1/4	1/4	
1/2	89,053	1/2	73,481	1/2	57,910	1/2	42,807	1/2	27,497	1/2	11,884	1/2		1/2	1/2		1/2	1/2	
3/4	88,729	3/4	73,157	3/4	57,585	3/4	42,498	3/4	27,172	3/4	11,559	3/4		3/4	3/4		3/4	3/4	
7	88,405	7	72,832	7	57,261	7	42,189	7	26,847	7	11,234	7		7		7		7	
1/4	88,080	1/4	72,508	1/4	56,936	1/4	41,880	1/4	26,521	1/4	10,909	1/4		1/4	1/4		1/4	1/4	
1/2	87,756	1/2	72,183	1/2	56,612	1/2	41,571	1/2	26,196	1/2	10,583	1/2		1/2	1/2		1/2	1/2	
3/4	87,431	3/4	71,859	3/4	56,288	3/4	41,263	3/4	25,871	3/4	10,258	3/4		3/4	3/4		3/4	3/4	
8	87,107	8	71,534	8	55,963	8	40,954	8	25,545	8	9,933	8		8		8		8	
1/4	86,782	1/4	71,210	1/4	55,639	1/4	40,645	1/4	25,220	1/4	9,608	1/4		1/4	1/4		1/4	1/4	
1/2	86,458	1/2	70,886	1/2	55,314	1/2	40,336	1/2	24,895	1/2	9,282	1/2		1/2	1/2		1/2	1/2	
3/4	86,134	3/4	70,561	3/4	54,990	3/4	40,027	3/4	24,570	3/4	8,957	3/4		3/4	3/4		3/4	3/4	
9	85,809	9	70,237	9	54,665	9	39,718	9	24,244	9	8,632	9		9		9		9	
1/4	85,485	1/4	69,912	1/4	54,341	1/4	39,409	1/4	23,919	1/4	8,306	1/4		1/4	1/4		1/4	1/4	
1/2	85,160	1/2	69,588	1/2	54,017	1/2	39,100	1/2	23,594	1/2	7,981	1/2		1/2	1/2		1/2	1/2	
3/4	84,836	3/4	69,263	3/4	53,692	3/4	38,791	3/4	23,269	3/4	7,656	3/4		3/4	3/4		3/4	3/4	
10	84,511	10	68,939	10	53,369	10	38,481	10	22,943	10	7,331	10		10		10		10	
1/4	84,187	1/4	68,615	1/4	53,047	1/4	38,171	1/4	22,618	1/4	7,005	1/4		1/4	1/4		1/4	1/4	
1/2	83,863	1/2	68,290	1/2	52,724	1/2	37,860	1/2	22,293	1/2	6,680	1/2		1/2	1/2		1/2	1/2	
3/4	83,538	3/4	67,966	3/4	52,401	3/4	37,550	3/4	21,968	3/4	6,355	3/4		3/4	3/4		3/4	3/4	
11	83,214	11	67,642	11	52,091	11	37,226	11	21,642	11	6,030	11		11		11		11	
1/4	82,889	1/4	67,317																