



BARGE "CBC 308"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-03"

December 18, 2012

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 308"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	154,051	0	169,765	0	185,407	0	201,034	0	216,572	0		0		0		0		0	
1/4	154,379	1/4	170,093	1/4	185,733	1/4	201,359	1/4	216,886	1/4		1/4		1/4		1/4		1/4	
1/2	154,706	1/2	170,420	1/2	186,059	1/2	201,685	1/2	217,200	1/2		1/2		1/2		1/2		1/2	
3/4	155,033	3/4	170,748	3/4	186,384	3/4	202,011	3/4	217,513	3/4		3/4		3/4		3/4		3/4	
1	155,361	1	171,075	1	186,710	1	202,336	1	217,827	1		1		1		1		1	
1/4	155,688	1/4	171,402	1/4	187,035	1/4	202,662	1/4	218,100	1/4		1/4		1/4		1/4		1/4	
1/2	156,016	1/2	171,730	1/2	187,361	1/2	202,987	1/2	218,373	1/2		1/2		1/2		1/2		1/2	
3/4	156,343	3/4	172,057	3/4	187,686	3/4	203,313	3/4	218,647	3/4		3/4		3/4		3/4		3/4	
2	156,670	2	172,384	2	188,012	2	203,638	2	218,920	2		2		2		2		2	
1/4	156,998	1/4	172,710	1/4	188,337	1/4	203,964	1/4	219,140	1/4		1/4		1/4		1/4		1/4	
1/2	157,325	1/2	173,036	1/2	188,663	1/2	204,289	1/2	219,360	1/2		1/2		1/2		1/2		1/2	
3/4	157,652	3/4	173,362	3/4	188,988	3/4	204,615	3/4	219,579	3/4		3/4		3/4		3/4		3/4	
3	157,980	3	173,688	3	189,314	3	204,940	3	219,799	3		3		3		3		3	
1/4	158,307	1/4	174,013	1/4	189,640	1/4	205,266	1/4	219,964	1/4		1/4		1/4		1/4		1/4	
1/2	158,635	1/2	174,339	1/2	189,965	1/2	205,592	1/2	220,130	1/2		1/2		1/2		1/2		1/2	
3/4	158,962	3/4	174,664	3/4	190,291	3/4	205,917	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,289	4	174,990	4	190,616	4	206,243	4		4		4		4		4		4	
1/4	159,617	1/4	175,315	1/4	190,942	1/4	206,568	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,944	1/2	175,641	1/2	191,267	1/2	206,894	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,271	3/4	175,966	3/4	191,593	3/4	207,219	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,599	5	176,292	5	191,918	5	207,545	5		5		5		5		5		5	
1/4	160,926	1/4	176,618	1/4	192,244	1/4	207,870	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,254	1/2	176,943	1/2	192,570	1/2	208,196	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,581	3/4	177,269	3/4	192,895	3/4	208,522	3/4		3/4		3/4		3/4		3/4		3/4	
6	161,908	6	177,594	6	193,221	6	208,847	6		6		6		6		6		6	
1/4	162,236	1/4	177,920	1/4	193,546	1/4	209,173	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,563	1/2	178,245	1/2	193,872	1/2	209,498	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,891	3/4	178,571	3/4	194,197	3/4	209,824	3/4		3/4		3/4		3/4		3/4		3/4	
7	163,218	7	178,896	7	194,523	7	210,149	7		7		7		7		7		7	
1/4	163,545	1/4	179,222	1/4	194,848	1/4	210,472	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,873	1/2	179,547	1/2	195,174	1/2	210,794	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,200	3/4	179,873	3/4	195,500	3/4	211,117	3/4		3/4		3/4		3/4		3/4		3/4	
8	164,527	8	180,199	8	195,825	8	211,439	8		8		8		8		8		8	
1/4	164,855	1/4	180,524	1/4	196,151	1/4	211,761	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,182	1/2	180,850	1/2	196,476	1/2	212,083	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,510	3/4	181,175	3/4	196,802	3/4	212,405	3/4		3/4		3/4		3/4		3/4		3/4	
9	165,837	9	181,501	9	197,127	9	212,727	9		9		9		9		9		9	
1/4	166,164	1/4	181,826	1/4	197,453	1/4	213,048	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,492	1/2	182,152	1/2	197,778	1/2	213,369	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,819	3/4	182,477	3/4	198,104	3/4	213,691	3/4		3/4		3/4		3/4		3/4		3/4	
10	167,146	10	182,803	10	198,429	10	214,012	10		10		10		10		10		10	
1/4	167,474	1/4	183,129	1/4	198,755	1/4	214,333	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,801	1/2	183,454	1/2	199,081	1/2	214,653	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168,129	3/4	183,780	3/4	199,406	3/4	214,974	3/4		3/4		3/4		3/4		3/4		3/4	
11	168,456	11	184,105	11	199,732	11	215,295	11		11		11		11		11		11	
1/4	168,783	1/4	184,431	1/4	200,057	1/4	215,614	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169,111	1/2	184,756	1/2	200,383	1/2	215,934	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,438	3/4	185,082	3/4	200,708	3/4	216,253	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	154,185	0	169,907	0	185,556	0	201,190	0	216,736	0		0		0		0		0	
1/4	154,513	1/4	170,234	1/4	185,882	1/4	201,516	1/4	217,050	1/4		1/4		1/4		1/4		1/4	
1/2	154,840	1/2	170,562	1/2	186,208	1/2	201,842	1/2	217,364	1/2		1/2		1/2		1/2		1/2	
3/4	155,168	3/4	170,890	3/4	186,533	3/4	202,167	3/4	217,677	3/4		3/4		3/4		3/4		3/4	
1	155,496	1	171,217	1	186,859	1	202,493	1	217,991	1		1		1		1		1	
1/4	155,823	1/4	171,545	1/4	187,185	1/4	202,819	1/4	218,264	1/4		1/4		1/4		1/4		1/4	
1/2	156,151	1/2	171,872	1/2	187,511	1/2	203,144	1/2	218,538	1/2		1/2		1/2		1/2		1/2	
3/4	156,478	3/4	172,200	3/4	187,836	3/4	203,470	3/4	218,811	3/4		3/4		3/4		3/4		3/4	
2	156,806	2	172,527	2	188,162	2	203,796	2	219,085	2		2		2		2		2	
1/4	157,133	1/4	172,853	1/4	188,488	1/4	204,122	1/4	219,305	1/4		1/4		1/4		1/4		1/4	
1/2	157,461	1/2	173,179	1/2	188,813	1/2	204,447	1/2	219,525	1/2		1/2		1/2		1/2		1/2	
3/4	157,788	3/4	173,505	3/4	189,139	3/4	204,773	3/4	219,744	3/4		3/4		3/4		3/4		3/4	
3	158,116	3	173,831	3	189,465	3	205,099	3	219,964	3		3		3		3		3	
1/4	158,443	1/4	174,157	1/4	189,791	1/4	205,424	1/4	220,130	1/4		1/4		1/4		1/4		1/4	
1/2	158,771	1/2	174,482	1/2	190,116	1/2	205,750	1/2	220,295	1/2		1/2		1/2		1/2		1/2	
3/4	159,098	3/4	174,808	3/4	190,442	3/4	206,076	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,426	4	175,134	4	190,768	4	206,402	4		4		4		4		4		4	
1/4	159,753	1/4	175,459	1/4	191,093	1/4	206,727	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,081	1/2	175,785	1/2	191,419	1/2	207,053	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,409	3/4	176,111	3/4	191,745	3/4	207,379	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,736	5	176,437	5	192,070	5	207,704	5		5		5		5		5		5	
1/4	161,064	1/4	176,762	1/4	192,396	1/4	208,030	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,391	1/2	177,088	1/2	192,722	1/2	208,356	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,719	3/4	177,414	3/4	193,048	3/4	208,681	3/4		3/4		3/4		3/4		3/4		3/4	
6	162,046	6	177,739	6	193,373	6	209,007	6		6		6		6		6		6	
1/4	162,374	1/4	178,065	1/4	193,699	1/4	209,333	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,701	1/2	178,391	1/2	194,025	1/2	209,659	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,029	3/4	178,717	3/4	194,350	3/4	209,984	3/4		3/4		3/4		3/4		3/4		3/4	
7	163,356	7	179,042	7	194,676	7	210,310	7		7		7		7		7		7	
1/4	163,684	1/4	179,368	1/4	195,002	1/4	210,633	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,011	1/2	179,694	1/2	195,328	1/2	210,955	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,339	3/4	180,019	3/4	195,653	3/4	211,278	3/4		3/4		3/4		3/4		3/4		3/4	
8	164,666	8	180,345	8	195,979	8	211,600	8		8		8		8		8		8	
1/4	164,994	1/4	180,671	1/4	196,305	1/4	211,922	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,322	1/2	180,996	1/2	196,630	1/2	212,244	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,649	3/4	181,322	3/4	196,956	3/4	212,566	3/4		3/4		3/4		3/4		3/4		3/4	
9	165,977	9	181,648	9	197,282	9	212,888	9		9		9		9		9		9	
1/4	166,304	1/4	181,974	1/4	197,607	1/4	213,210	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,632	1/2	182,299	1/2	197,933	1/2	213,532	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,959	3/4	182,625	3/4	198,259	3/4	213,853	3/4		3/4		3/4		3/4		3/4		3/4	
10	167,287	10	182,951	10	198,585	10	214,175	10		10		10		10		10		10	
1/4	167,614	1/4	183,276	1/4	198,910	1/4	214,495	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,942	1/2	183,602	1/2	199,236	1/2	214,816	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168,269	3/4	183,928	3/4	199,562	3/4	215,137	3/4		3/4		3/4		3/4		3/4		3/4	
11	168,597	11	184,254	11	199,887	11	215,458	11		11		11		11		11		11	
1/4	168,924	1/4	184,579	1/4	200,213	1/4	215,777	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	169,252	1/2	184,905	1/2	200,539	1/2	216,097	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169,579	3/4	185,231	3/4	200,865	3/4	216,417	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
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BARGE "CBC 308"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,213	0	166,372	0	181,459	0	196,530	0	211,514	0		0		0		0		0	
1/4	151,529	1/4	166,688	1/4	181,773	1/4	196,844	1/4	211,816	1/4		1/4		1/4		1/4		1/4	
1/2	151,845	1/2	167,004	1/2	182,087	1/2	197,158	1/2	212,119	1/2		1/2		1/2		1/2		1/2	
3/4	152,161	3/4	167,320	3/4	182,401	3/4	197,472	3/4	212,421	3/4		3/4		3/4		3/4		3/4	
1	152,477	1	167,635	1	182,715	1	197,786	1	212,723	1		1		1		1		1	
1/4	152,792	1/4	167,951	1/4	183,029	1/4	198,100	1/4	212,987	1/4		1/4		1/4		1/4		1/4	
1/2	153,108	1/2	168,267	1/2	183,343	1/2	198,414	1/2	213,250	1/2		1/2		1/2		1/2		1/2	
3/4	153,424	3/4	168,583	3/4	183,657	3/4	198,728	3/4	213,513	3/4		3/4		3/4		3/4		3/4	
2	153,740	2	168,899	2	183,971	2	199,042	2	213,777	2		2		2		2		2	
1/4	154,056	1/4	169,213	1/4	184,285	1/4	199,356	1/4	213,989	1/4		1/4		1/4		1/4		1/4	
1/2	154,371	1/2	169,527	1/2	184,599	1/2	199,670	1/2	214,201	1/2		1/2		1/2		1/2		1/2	
3/4	154,687	3/4	169,841	3/4	184,913	3/4	199,984	3/4	214,413	3/4		3/4		3/4		3/4		3/4	
3	155,003	3	170,155	3	185,227	3	200,298	3	214,624	3		3		3		3		3	
1/4	155,319	1/4	170,469	1/4	185,541	1/4	200,612	1/4	214,784	1/4		1/4		1/4		1/4		1/4	
1/2	155,635	1/2	170,783	1/2	185,854	1/2	200,926	1/2	214,943	1/2		1/2		1/2		1/2		1/2	
3/4	155,950	3/4	171,097	3/4	186,168	3/4	201,240	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,266	4	171,411	4	186,482	4	201,554	4		4		4		4		4		4	
1/4	156,582	1/4	171,725	1/4	186,796	1/4	201,868	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,898	1/2	172,039	1/2	187,110	1/2	202,182	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,214	3/4	172,353	3/4	187,424	3/4	202,496	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,529	5	172,667	5	187,738	5	202,810	5		5		5		5		5		5	
1/4	157,845	1/4	172,981	1/4	188,052	1/4	203,124	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,161	1/2	173,295	1/2	188,366	1/2	203,437	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,477	3/4	173,609	3/4	188,680	3/4	203,751	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,793	6	173,923	6	188,994	6	204,065	6		6		6		6		6		6	
1/4	159,109	1/4	174,237	1/4	189,308	1/4	204,379	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,424	1/2	174,551	1/2	189,622	1/2	204,693	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,740	3/4	174,865	3/4	189,936	3/4	205,007	3/4		3/4		3/4		3/4		3/4		3/4	
7	160,056	7	175,179	7	190,250	7	205,321	7		7		7		7		7		7	
1/4	160,372	1/4	175,493	1/4	190,564	1/4	205,632	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,688	1/2	175,807	1/2	190,878	1/2	205,943	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,003	3/4	176,121	3/4	191,192	3/4	206,254	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,319	8	176,435	8	191,506	8	206,565	8		8		8		8		8		8	
1/4	161,635	1/4	176,749	1/4	191,820	1/4	206,875	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,951	1/2	177,063	1/2	192,134	1/2	207,186	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,267	3/4	177,377	3/4	192,448	3/4	207,496	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,582	9	177,691	9	192,762	9	207,806	9		9		9		9		9		9	
1/4	162,898	1/4	178,005	1/4	193,076	1/4	208,116	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,214	1/2	178,319	1/2	193,390	1/2	208,426	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,530	3/4	178,633	3/4	193,704	3/4	208,736	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,846	10	178,947	10	194,018	10	209,046	10		10		10		10		10		10	
1/4	164,161	1/4	179,261	1/4	194,332	1/4	209,355	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,477	1/2	179,575	1/2	194,646	1/2	209,664	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,793	3/4	179,889	3/4	194,960	3/4	209,973	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,109	11	180,203	11	195,274	11	210,282	11		11		11		11		11		11	
1/4	165,425	1/4	180,517	1/4	195,588	1/4	210,590	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,740	1/2	180,831	1/2	195,902	1/2	210,898	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,056	3/4	181,145	3/4	196,216	3/4	211,206	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	150,986	0	166,130	0	181,202	0	196,258	0	211,227	0		0		0		0		0	
1/4	151,301	1/4	166,445	1/4	181,515	1/4	196,572	1/4	211,529	1/4		1/4		1/4		1/4		1/4	
1/2	151,617	1/2	166,761	1/2	181,829	1/2	196,885	1/2	211,831	1/2		1/2		1/2		1/2		1/2	
3/4	151,932	3/4	167,076	3/4	182,143	3/4	197,199	3/4	212,133	3/4		3/4		3/4		3/4		3/4	
1	152,248	1	167,392	1	182,456	1	197,513	1	212,435	1		1		1		1		1	
1/4	152,563	1/4	167,707	1/4	182,770	1/4	197,826	1/4	212,699	1/4		1/4		1/4		1/4		1/4	
1/2	152,879	1/2	168,023	1/2	183,084	1/2	198,140	1/2	212,962	1/2		1/2		1/2		1/2		1/2	
3/4	153,194	3/4	168,338	3/4	183,397	3/4	198,454	3/4	213,225	3/4		3/4		3/4		3/4		3/4	
2	153,510	2	168,654	2	183,711	2	198,767	2	213,488	2		2		2		2		2	
1/4	153,825	1/4	168,968	1/4	184,025	1/4	199,081	1/4	213,700	1/4		1/4		1/4		1/4		1/4	
1/2	154,141	1/2	169,282	1/2	184,338	1/2	199,395	1/2	213,911	1/2		1/2		1/2		1/2		1/2	
3/4	154,456	3/4	169,595	3/4	184,652	3/4	199,708	3/4	214,123	3/4		3/4		3/4		3/4		3/4	
3	154,772	3	169,909	3	184,966	3	200,022	3	214,335	3		3		3		3		3	
1/4	155,087	1/4	170,223	1/4	185,279	1/4	200,336	1/4	214,494	1/4		1/4		1/4		1/4		1/4	
1/2	155,403	1/2	170,537	1/2	185,593	1/2	200,649	1/2	214,653	1/2		1/2		1/2		1/2		1/2	
3/4	155,718	3/4	170,850	3/4	185,907	3/4	200,963	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,034	4	171,164	4	186,220	4	201,277	4		4		4		4		4		4	
1/4	156,349	1/4	171,478	1/4	186,534	1/4	201,590	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,665	1/2	171,791	1/2	186,848	1/2	201,904	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,980	3/4	172,105	3/4	187,161	3/4	202,218	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,296	5	172,419	5	187,475	5	202,531	5		5		5		5		5		5	
1/4	157,611	1/4	172,732	1/4	187,789	1/4	202,845	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,927	1/2	173,046	1/2	188,102	1/2	203,159	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,242	3/4	173,360	3/4	188,416	3/4	203,472	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,558	6	173,673	6	188,730	6	203,786	6		6		6		6		6		6	
1/4	158,873	1/4	173,987	1/4	189,043	1/4	204,100	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,189	1/2	174,301	1/2	189,357	1/2	204,413	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,504	3/4	174,614	3/4	189,671	3/4	204,727	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,820	7	174,928	7	189,984	7	205,041	7		7		7		7		7		7	
1/4	160,135	1/4	175,242	1/4	190,298	1/4	205,351	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,451	1/2	175,555	1/2	190,612	1/2	205,662	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,766	3/4	175,869	3/4	190,925	3/4	205,973	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,082	8	176,183	8	191,239	8	206,283	8		8		8		8		8		8	
1/4	161,397	1/4	176,496	1/4	191,553	1/4	206,593	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,713	1/2	176,810	1/2	191,866	1/2	206,903	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,028	3/4	177,124	3/4	192,180	3/4	207,213	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,344	9	177,437	9	192,494	9	207,523	9		9		9		9		9		9	
1/4	162,659	1/4	177,751	1/4	192,808	1/4	207,833	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,975	1/2	178,065	1/2	193,121	1/2	208,142	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,290	3/4	178,379	3/4	193,435	3/4	208,452	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,606	10	178,692	10	193,749	10	208,761	10		10		10		10		10		10	
1/4	163,921	1/4	179,006	1/4	194,062	1/4	209,070	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,237	1/2	179,320	1/2	194,376	1/2	209,379	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,552	3/4	179,633	3/4	194,690	3/4	209,688	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,868	11	179,947	11	195,003	11	209,997	11		11		11		11		11		11	
1/4	165,183	1/4	180,261	1/4	195,317	1/4	210,304	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,499	1/2	180,574	1/2	195,631	1/2	210,612	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,814	3/4	180,888	3/4	195,944	3/4	210,920	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 308"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	155,080	0	167,391	0	179,337	0	191,272	0	203,139	0		0		0		0		0	
1/4	155,368	1/4	167,641	1/4	179,586	1/4	191,520	1/4	203,378	1/4		1/4		1/4		1/4		1/4	
1/2	155,655	1/2	167,891	1/2	179,834	1/2	191,769	1/2	203,618	1/2		1/2		1/2		1/2		1/2	
3/4	155,942	3/4	168,141	3/4	180,083	3/4	192,018	3/4	203,857	3/4		3/4		3/4		3/4		3/4	
1	156,230	1	168,391	1	180,332	1	192,266	1	204,097	1		1		1		1		1	
1/4	156,505	1/4	168,641	1/4	180,580	1/4	192,515	1/4	204,305	1/4		1/4		1/4		1/4		1/4	
1/2	156,780	1/2	168,891	1/2	180,829	1/2	192,763	1/2	204,514	1/2		1/2		1/2		1/2		1/2	
3/4	157,055	3/4	169,141	3/4	181,077	3/4	193,012	3/4	204,723	3/4		3/4		3/4		3/4		3/4	
2	157,330	2	169,391	2	181,326	2	193,261	2	204,931	2		2		2		2		2	
1/4	157,592	1/4	169,640	1/4	181,575	1/4	193,509	1/4	205,099	1/4		1/4		1/4		1/4		1/4	
1/2	157,854	1/2	169,888	1/2	181,823	1/2	193,758	1/2	205,267	1/2		1/2		1/2		1/2		1/2	
3/4	158,116	3/4	170,137	3/4	182,072	3/4	194,007	3/4	205,435	3/4		3/4		3/4		3/4		3/4	
3	158,379	3	170,386	3	182,321	3	194,255	3	205,603	3		3		3		3		3	
1/4	158,632	1/4	170,635	1/4	182,569	1/4	194,504	1/4	205,729	1/4		1/4		1/4		1/4		1/4	
1/2	158,884	1/2	170,883	1/2	182,818	1/2	194,753	1/2	205,855	1/2		1/2		1/2		1/2		1/2	
3/4	159,137	3/4	171,132	3/4	183,067	3/4	195,001	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,390	4	171,381	4	183,315	4	195,250	4		4		4		4		4		4	
1/4	159,640	1/4	171,629	1/4	183,564	1/4	195,499	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,890	1/2	171,878	1/2	183,812	1/2	195,747	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,140	3/4	172,126	3/4	184,061	3/4	195,996	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,390	5	172,375	5	184,310	5	196,244	5		5		5		5		5		5	
1/4	160,641	1/4	172,624	1/4	184,558	1/4	196,493	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,891	1/2	172,872	1/2	184,807	1/2	196,742	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,141	3/4	173,121	3/4	185,056	3/4	196,990	3/4		3/4		3/4		3/4		3/4		3/4	
6	161,391	6	173,370	6	185,304	6	197,239	6		6		6		6		6		6	
1/4	161,641	1/4	173,618	1/4	185,553	1/4	197,488	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,891	1/2	173,867	1/2	185,802	1/2	197,736	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,141	3/4	174,116	3/4	186,050	3/4	197,985	3/4		3/4		3/4		3/4		3/4		3/4	
7	162,391	7	174,364	7	186,299	7	198,234	7		7		7		7		7		7	
1/4	162,641	1/4	174,613	1/4	186,548	1/4	198,480	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,891	1/2	174,862	1/2	186,796	1/2	198,726	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,141	3/4	175,110	3/4	187,045	3/4	198,972	3/4		3/4		3/4		3/4		3/4		3/4	
8	163,391	8	175,359	8	187,293	8	199,219	8		8		8		8		8		8	
1/4	163,641	1/4	175,607	1/4	187,542	1/4	199,464	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,891	1/2	175,856	1/2	187,791	1/2	199,710	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,141	3/4	176,105	3/4	188,039	3/4	199,956	3/4		3/4		3/4		3/4		3/4		3/4	
9	164,391	9	176,353	9	188,288	9	200,202	9		9		9		9		9		9	
1/4	164,641	1/4	176,602	1/4	188,537	1/4	200,447	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,891	1/2	176,851	1/2	188,785	1/2	200,693	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,141	3/4	177,099	3/4	189,034	3/4	200,938	3/4		3/4		3/4		3/4		3/4		3/4	
10	165,391	10	177,348	10	189,283	10	201,184	10		10		10		10		10		10	
1/4	165,641	1/4	177,597	1/4	189,531	1/4	201,428	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,891	1/2	177,845	1/2	189,780	1/2	201,673	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,141	3/4	178,094	3/4	190,028	3/4	201,918	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,391	11	178,342	11	190,277	11	202,163	11		11		11		11		11		11	
1/4	166,641	1/4	178,591	1/4	190,526	1/4	202,407	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,891	1/2	178,840	1/2	190,774	1/2	202,651	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,141	3/4	179,088	3/4	191,023	3/4	202,895	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	154,850	0	167,169	0	179,122	0	191,064	0	202,939	0		0		0		0		0	
1/4	155,138	1/4	167,419	1/4	179,371	1/4	191,313	1/4	203,178	1/4		1/4		1/4		1/4		1/4	
1/2	155,426	1/2	167,669	1/2	179,620	1/2	191,562	1/2	203,418	1/2		1/2		1/2		1/2		1/2	
3/4	155,713	3/4	167,919	3/4	179,869	3/4	191,811	3/4	203,658	3/4		3/4		3/4		3/4		3/4	
1	156,001	1	168,169	1	180,118	1	192,060	1	203,897	1		1		1		1		1	
1/4	156,276	1/4	168,419	1/4	180,366	1/4	192,308	1/4	204,106	1/4		1/4		1/4		1/4		1/4	
1/2	156,551	1/2	168,670	1/2	180,615	1/2	192,557	1/2	204,315	1/2		1/2		1/2		1/2		1/2	
3/4	156,826	3/4	168,920	3/4	180,864	3/4	192,806	3/4	204,524	3/4		3/4		3/4		3/4		3/4	
2	157,101	2	169,170	2	181,113	2	193,055	2	204,733	2		2		2		2		2	
1/4	157,364	1/4	169,419	1/4	181,361	1/4	193,304	1/4	204,901	1/4		1/4		1/4		1/4		1/4	
1/2	157,626	1/2	169,668	1/2	181,610	1/2	193,552	1/2	205,069	1/2		1/2		1/2		1/2		1/2	
3/4	157,889	3/4	169,917	3/4	181,859	3/4	193,801	3/4	205,237	3/4		3/4		3/4		3/4		3/4	
3	158,151	3	170,166	3	182,108	3	194,050	3	205,405	3		3		3		3		3	
1/4	158,404	1/4	170,415	1/4	182,357	1/4	194,299	1/4	205,531	1/4		1/4		1/4		1/4		1/4	
1/2	158,657	1/2	170,663	1/2	182,605	1/2	194,548	1/2	205,657	1/2		1/2		1/2		1/2		1/2	
3/4	158,910	3/4	170,912	3/4	182,854	3/4	194,796	3/4		3/4		3/4		3/4		3/4		3/4	
4	159,163	4	171,161	4	183,103	4	195,045	4		4		4		4		4		4	
1/4	159,413	1/4	171,410	1/4	183,352	1/4	195,294	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,663	1/2	171,659	1/2	183,601	1/2	195,543	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,914	3/4	171,907	3/4	183,849	3/4	195,791	3/4		3/4		3/4		3/4		3/4		3/4	
5	160,164	5	172,156	5	184,098	5	196,040	5		5		5		5		5		5	
1/4	160,414	1/4	172,405	1/4	184,347	1/4	196,289	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,664	1/2	172,654	1/2	184,596	1/2	196,538	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,915	3/4	172,903	3/4	184,845	3/4	196,787	3/4		3/4		3/4		3/4		3/4		3/4	
6	161,165	6	173,151	6	185,093	6	197,035	6		6		6		6		6		6	
1/4	161,415	1/4	173,400	1/4	185,342	1/4	197,284	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,665	1/2	173,649	1/2	185,591	1/2	197,533	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,915	3/4	173,898	3/4	185,840	3/4	197,782	3/4		3/4		3/4		3/4		3/4		3/4	
7	162,165	7	174,146	7	186,089	7	198,031	7		7		7		7		7		7	
1/4	162,416	1/4	174,395	1/4	186,337	1/4	198,277	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,666	1/2	174,644	1/2	186,586	1/2	198,523	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,916	3/4	174,893	3/4	186,835	3/4	198,770	3/4		3/4		3/4		3/4		3/4		3/4	
8	163,166	8	175,142	8	187,084	8	199,016	8		8		8		8		8		8	
1/4	163,416	1/4	175,390	1/4	187,333	1/4	199,262	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,666	1/2	175,639	1/2	187,581	1/2	199,508	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,917	3/4	175,888	3/4	187,830	3/4	199,754	3/4		3/4		3/4		3/4		3/4		3/4	
9	164,167	9	176,137	9	188,079	9	200,000	9		9		9		9		9		9	
1/4	164,417	1/4	176,386	1/4	188,328	1/4	200,246	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,667	1/2	176,634	1/2	188,576	1/2	200,491	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,917	3/4	176,883	3/4	188,825	3/4	200,737	3/4		3/4		3/4		3/4		3/4		3/4	
10	165,167	10	177,132	10	189,074	10	200,982	10		10		10		10		10		10	
1/4	165,417	1/4	177,381	1/4	189,323	1/4	201,227	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,668	1/2	177,630	1/2	189,572	1/2	201,472	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,918	3/4	177,878	3/4	189,820	3/4	201,717	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,168	11	178,127	11	190,069	11	201,962	11		11		11		11		11		11	
1/4	166,418	1/4	178,376	1/4	190,318	1/4	202,207	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,668	1/2	178,625	1/2	190,567	1/2	202,451	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,918	3/4	178,874	3/4	190,816	3/4	202,695	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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BARGE "CBC 308"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-03"

December 18, 2012

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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BARGE "CBC 308"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/2"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/17/2012 CL - SW
CALCULATED: 12/18/2012 CL
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BARGE "CBC 308"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	206,402	0	190,768	0	175,134	0	159,426	0	143,704	0	127,982	0	112,257
1/4		1/4		1/4		1/4	206,076	1/4	190,442	1/4	174,808	1/4	159,098	1/4	143,377	1/4	127,654	1/4	111,929
1/2		1/2		1/2		1/2	220,295	1/2	205,750	1/2	190,116	1/2	158,771	1/2	143,049	1/2	127,327	1/2	111,601
3/4		3/4		3/4		3/4	220,130	3/4	205,424	3/4	189,791	3/4	158,443	3/4	142,722	3/4	126,999	3/4	111,274
1		1		1		1	219,964	1	205,099	1	189,465	1	158,116	1	142,394	1	126,671	1	110,946
1/4		1/4		1/4		1/4	219,744	1/4	204,773	1/4	189,139	1/4	157,788	1/4	142,067	1/4	126,344	1/4	110,618
1/2		1/2		1/2		1/2	219,525	1/2	204,447	1/2	188,813	1/2	157,461	1/2	141,739	1/2	126,016	1/2	110,291
3/4		3/4		3/4		3/4	219,305	3/4	204,122	3/4	188,488	3/4	157,133	3/4	141,412	3/4	125,689	3/4	109,963
2		2		2		2	219,085	2	203,796	2	188,162	2	156,806	2	141,084	2	125,361	2	109,636
1/4		1/4		1/4		1/4	218,811	1/4	203,470	1/4	187,836	1/4	156,478	1/4	140,757	1/4	125,033	1/4	109,308
1/2		1/2		1/2		1/2	218,538	1/2	203,144	1/2	187,511	1/2	156,151	1/2	140,429	1/2	124,706	1/2	108,980
3/4		3/4		3/4		3/4	218,264	3/4	202,819	3/4	187,185	3/4	155,823	3/4	140,102	3/4	124,378	3/4	108,653
3		3		3		3	217,991	3	202,493	3	186,859	3	155,496	3	139,774	3	124,051	3	108,325
1/4		1/4		1/4		1/4	217,677	1/4	202,167	1/4	186,533	1/4	155,168	1/4	139,446	1/4	123,723	1/4	107,998
1/2		1/2		1/2		1/2	217,364	1/2	201,842	1/2	186,208	1/2	154,840	1/2	139,119	1/2	123,395	1/2	107,670
3/4		3/4		3/4		3/4	217,050	3/4	201,516	3/4	185,882	3/4	154,513	3/4	138,791	3/4	123,068	3/4	107,342
4		4		4		4	216,736	4	201,190	4	185,556	4	169,907	4	154,185	4	122,740	4	107,015
1/4		1/4		1/4		1/4	216,417	1/4	200,865	1/4	185,231	1/4	169,579	1/4	153,858	1/4	122,412	1/4	106,687
1/2		1/2		1/2		1/2	216,097	1/2	200,539	1/2	184,905	1/2	169,252	1/2	153,530	1/2	122,085	1/2	106,360
3/4		3/4		3/4		3/4	215,777	3/4	200,213	3/4	184,579	3/4	168,924	3/4	153,203	3/4	121,757	3/4	106,032
5		5		5		5	215,458	5	199,887	5	184,254	5	168,597	5	152,875	5	121,430	5	105,704
1/4		1/4		1/4		1/4	215,137	1/4	199,562	1/4	183,928	1/4	168,269	1/4	152,548	1/4	121,102	1/4	105,377
1/2		1/2		1/2		1/2	214,816	1/2	199,236	1/2	183,602	1/2	167,942	1/2	152,220	1/2	120,774	1/2	105,049
3/4		3/4		3/4		3/4	214,495	3/4	198,910	3/4	183,276	3/4	167,614	3/4	151,893	3/4	120,447	3/4	104,721
6		6		6		6	214,175	6	198,585	6	182,951	6	167,287	6	151,565	6	120,119	6	104,394
1/4		1/4		1/4		1/4	213,853	1/4	198,259	1/4	182,625	1/4	166,959	1/4	151,238	1/4	119,792	1/4	104,066
1/2		1/2		1/2		1/2	213,532	1/2	197,933	1/2	182,299	1/2	166,632	1/2	150,910	1/2	119,464	1/2	103,739
3/4		3/4		3/4		3/4	213,210	3/4	197,607	3/4	181,974	3/4	166,304	3/4	150,583	3/4	119,136	3/4	103,411
7		7		7		7	212,888	7	197,282	7	181,648	7	165,977	7	150,255	7	118,809	7	103,083
1/4		1/4		1/4		1/4	212,566	1/4	196,956	1/4	181,322	1/4	165,649	1/4	149,927	1/4	118,481	1/4	102,756
1/2		1/2		1/2		1/2	212,244	1/2	196,630	1/2	180,996	1/2	165,322	1/2	149,600	1/2	118,154	1/2	102,428
3/4		3/4		3/4		3/4	211,922	3/4	196,305	3/4	180,671	3/4	164,994	3/4	149,272	3/4	117,826	3/4	102,101
8		8		8		8	211,600	8	195,979	8	180,345	8	164,666	8	148,945	8	117,498	8	101,773
1/4		1/4		1/4		1/4	211,278	1/4	195,653	1/4	180,019	1/4	164,339	1/4	148,617	1/4	117,171	1/4	101,445
1/2		1/2		1/2		1/2	210,955	1/2	195,328	1/2	179,694	1/2	164,011	1/2	148,290	1/2	116,843	1/2	101,118
3/4		3/4		3/4		3/4	210,633	3/4	195,002	3/4	179,368	3/4	163,684	3/4	147,962	3/4	116,515	3/4	100,790
9		9		9		9	210,310	9	194,676	9	179,042	9	163,356	9	147,635	9	116,188	9	100,463
1/4		1/4		1/4		1/4	209,984	1/4	194,350	1/4	178,717	1/4	163,029	1/4	147,307	1/4	115,860	1/4	100,135
1/2		1/2		1/2		1/2	209,659	1/2	194,025	1/2	178,391	1/2	162,701	1/2	146,980	1/2	115,533	1/2	99,807
3/4		3/4		3/4		3/4	209,333	3/4	193,699	3/4	178,065	3/4	162,374	3/4	146,652	3/4	115,205	3/4	99,480
10		10		10		10	209,007	10	193,373	10	177,739	10	162,046	10	146,325	10	114,877	10	99,152
1/4		1/4		1/4		1/4	208,681	1/4	193,048	1/4	177,414	1/4	161,719	1/4	145,997	1/4	114,550	1/4	98,824
1/2		1/2		1/2		1/2	208,356	1/2	192,722	1/2	177,088	1/2	161,391	1/2	145,670	1/2	114,222	1/2	98,497
3/4		3/4		3/4		3/4	208,030	3/4	192,396	3/4	176,762	3/4	161,064	3/4	145,342	3/4	113,895	3/4	98,169
11		11		11		11	207,704	11	192,070	11	176,437	11	160,736	11	145,014	11	113,567	11	97,842
1/4		1/4		1/4		1/4	207,379	1/4	191,745	1/4	176,111	1/4	160,409	1/4	144,687	1/4	113,239	1/4	97,514
1/2		1/2		1/2		1/2	207,053	1/2	191,419	1/2	175,785	1/2	160,081	1/2	144,359	1/2	112,912	1/2	97,186
3/4		3/4		3/4		3/4	206,727	3/4	191,093	3/4	175,459	3/4	159,753	3/4	144,032	3/4	112,584	3/4	96,859

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "CBC 308"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

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



BARGE "CBC 308"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

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	201,868	0	186,796	0	171,725	0	156,582	0	141,423	0	126,264	0	111,101
1/4		1/4		1/4		1/4	201,554	1/4	186,482	1/4	171,411	1/4	156,266	1/4	141,108	1/4	125,948	1/4	110,785
1/2		1/2		1/2		1/2	201,240	1/2	186,168	1/2	171,097	1/2	155,950	1/2	140,792	1/2	125,632	1/2	110,469
3/4		3/4		3/4		3/4	214,943	3/4	200,926	3/4	185,854	3/4	170,783	3/4	155,635	3/4	140,476	3/4	110,154
1		1		1		1	214,784	1	200,612	1	185,541	1	170,469	1	155,319	1	140,160	1	109,838
1/4		1/4		1/4		1/4	214,624	1/4	200,298	1/4	185,227	1/4	170,155	1/4	155,003	1/4	139,844	1/4	109,522
1/2		1/2		1/2		1/2	214,413	1/2	199,984	1/2	184,913	1/2	169,841	1/2	154,687	1/2	139,528	1/2	109,206
3/4		3/4		3/4		3/4	214,201	3/4	199,670	3/4	184,599	3/4	169,527	3/4	154,371	3/4	139,213	3/4	108,890
2		2		2		2	213,989	2	199,356	2	184,285	2	169,213	2	154,056	2	138,897	2	108,574
1/4		1/4		1/4		1/4	213,777	1/4	199,042	1/4	183,971	1/4	168,899	1/4	153,740	1/4	138,581	1/4	108,258
1/2		1/2		1/2		1/2	213,513	1/2	198,728	1/2	183,657	1/2	168,583	1/2	153,424	1/2	138,265	1/2	107,942
3/4		3/4		3/4		3/4	213,250	3/4	198,414	3/4	183,343	3/4	168,267	3/4	153,108	3/4	137,949	3/4	107,626
3		3		3		3	212,987	3	198,100	3	183,029	3	167,951	3	152,792	3	137,634	3	107,311
1/4		1/4		1/4		1/4	212,723	1/4	197,786	1/4	182,715	1/4	167,635	1/4	152,477	1/4	137,318	1/4	106,995
1/2		1/2		1/2		1/2	212,421	1/2	197,472	1/2	182,401	1/2	167,320	1/2	152,161	1/2	137,002	1/2	106,679
3/4		3/4		3/4		3/4	212,119	3/4	197,158	3/4	182,087	3/4	167,004	3/4	151,845	3/4	136,686	3/4	106,363
4		4		4		4	211,816	4	196,844	4	181,773	4	166,688	4	151,529	4	136,370	4	106,047
1/4		1/4		1/4		1/4	211,514	1/4	196,530	1/4	181,459	1/4	166,372	1/4	151,213	1/4	136,055	1/4	105,731
1/2		1/2		1/2		1/2	211,206	1/2	196,216	1/2	181,145	1/2	166,056	1/2	150,898	1/2	135,739	1/2	105,415
3/4		3/4		3/4		3/4	210,898	3/4	195,902	3/4	180,831	3/4	165,740	3/4	150,582	3/4	135,423	3/4	105,099
5		5		5		5	210,590	5	195,588	5	180,517	5	165,425	5	150,266	5	135,107	5	104,783
1/4		1/4		1/4		1/4	210,282	1/4	195,274	1/4	180,203	1/4	165,109	1/4	149,950	1/4	134,791	1/4	104,468
1/2		1/2		1/2		1/2	209,973	1/2	194,960	1/2	179,889	1/2	164,793	1/2	149,634	1/2	134,476	1/2	104,152
3/4		3/4		3/4		3/4	209,664	3/4	194,646	3/4	179,575	3/4	164,477	3/4	149,318	3/4	134,160	3/4	103,836
6		6		6		6	209,355	6	194,332	6	179,261	6	164,161	6	149,003	6	133,844	6	103,520
1/4		1/4		1/4		1/4	209,046	1/4	194,018	1/4	178,947	1/4	163,846	1/4	148,687	1/4	133,528	1/4	103,204
1/2		1/2		1/2		1/2	208,736	1/2	193,704	1/2	178,633	1/2	163,530	1/2	148,371	1/2	133,212	1/2	102,888
3/4		3/4		3/4		3/4	208,426	3/4	193,390	3/4	178,319	3/4	163,214	3/4	148,055	3/4	132,897	3/4	102,572
7		7		7		7	208,116	7	193,076	7	178,005	7	162,898	7	147,739	7	132,581	7	102,256
1/4		1/4		1/4		1/4	207,806	1/4	192,762	1/4	177,691	1/4	162,582	1/4	147,424	1/4	132,265	1/4	101,941
1/2		1/2		1/2		1/2	207,496	1/2	192,448	1/2	177,377	1/2	162,267	1/2	147,108	1/2	131,949	1/2	101,625
3/4		3/4		3/4		3/4	207,186	3/4	192,134	3/4	177,063	3/4	161,951	3/4	146,792	3/4	131,633	3/4	101,309
8		8		8		8	206,875	8	191,820	8	176,749	8	161,635	8	146,476	8	131,317	8	100,993
1/4		1/4		1/4		1/4	206,565	1/4	191,506	1/4	176,435	1/4	161,319	1/4	146,160	1/4	131,002	1/4	100,677
1/2		1/2		1/2		1/2	206,254	1/2	191,192	1/2	176,121	1/2	161,003	1/2	145,845	1/2	130,686	1/2	100,361
3/4		3/4		3/4		3/4	205,943	3/4	190,878	3/4	175,807	3/4	160,688	3/4	145,529	3/4	130,370	3/4	100,045
9		9		9		9	205,632	9	190,564	9	175,493	9	160,372	9	145,213	9	130,054	9	99,729
1/4		1/4		1/4		1/4	205,321	1/4	190,250	1/4	175,179	1/4	160,056	1/4	144,897	1/4	129,738	1/4	99,413
1/2		1/2		1/2		1/2	205,007	1/2	189,936	1/2	174,865	1/2	159,740	1/2	144,581	1/2	129,423	1/2	99,098
3/4		3/4		3/4		3/4	204,693	3/4	189,622	3/4	174,551	3/4	159,424	3/4	144,266	3/4	129,107	3/4	98,782
10		10		10		10	204,379	10	189,308	10	174,237	10	159,109	10	143,950	10	128,791	10	98,466
1/4		1/4		1/4		1/4	204,065	1/4	188,994	1/4	173,923	1/4	158,793	1/4	143,634	1/4	128,475	1/4	98,150
1/2		1/2		1/2		1/2	203,751	1/2	188,680	1/2	173,609	1/2	158,477	1/2	143,318	1/2	128,159	1/2	97,834
3/4		3/4		3/4		3/4	203,437	3/4	188,366	3/4	173,295	3/4	158,161	3/4	143,002	3/4	127,843	3/4	97,518
11		11		11		11	203,124	11	188,052	11	172,981	11	157,845	11	142,687	11	127,527	11	97,202
1/4		1/4		1/4		1/4	202,810	1/4	187,738	1/4	172,667	1/4	157,529	1/4	142,371	1/4	127,211	1/4	96,886
1/2		1/2		1/2		1/2	202,496	1/2	187,424	1/2	172,353	1/2	157,214	1/2	142,055	1/2	126,895	1/2	96,570
3/4		3/4		3/4		3/4	202,182	3/4	187,110	3/4	172,039	3/4	156,898	3/4	141,739	3/4	126,580	3/4	96,255

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 308"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 308"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 308"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 308"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/2"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 308"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/4"

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

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