



BARGE "CBC 393"

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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8
3 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

June 25, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 393"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	893	0	14,967	0	30,077	0	44,702	0	59,535	0	74,620	0	89,724	0	104,827	0	119,921	0	134,971
1/4	1,070	1/4	15,281	1/4	30,392	1/4	45,002	1/4	59,848	1/4	74,934	1/4	90,039	1/4	105,142	1/4	120,236	1/4	135,284
1/2	1,247	1/2	15,596	1/2	30,706	1/2	45,303	1/2	60,160	1/2	75,249	1/2	90,354	1/2	105,456	1/2	120,550	1/2	135,597
3/4	1,425	3/4	15,911	3/4	31,021	3/4	45,604	3/4	60,472	3/4	75,564	3/4	90,668	3/4	105,771	3/4	120,864	3/4	135,909
1	1,602	1	16,226	1	31,336	1	45,904	1	60,784	1	75,878	1	90,983	1	106,086	1	121,178	1	136,222
1/4	1,831	1/4	16,541	1/4	31,651	1/4	46,205	1/4	61,096	1/4	76,193	1/4	91,298	1/4	106,400	1/4	121,491	1/4	136,534
1/2	2,061	1/2	16,855	1/2	31,966	1/2	46,506	1/2	61,408	1/2	76,508	1/2	91,612	1/2	106,715	1/2	121,805	1/2	136,847
3/4	2,290	3/4	17,170	3/4	32,280	3/4	46,806	3/4	61,720	3/4	76,822	3/4	91,927	3/4	107,029	3/4	122,119	3/4	137,160
2	2,520	2	17,485	2	32,595	2	47,107	2	62,032	2	77,137	2	92,242	2	107,344	2	122,433	2	137,472
1/4	2,801	1/4	17,802	1/4	32,910	1/4	47,407	1/4	62,347	1/4	77,452	1/4	92,556	1/4	107,659	1/4	122,746	1/4	137,785
1/2	3,083	1/2	18,116	1/2	33,225	1/2	47,708	1/2	62,661	1/2	77,767	1/2	92,871	1/2	107,973	1/2	123,060	1/2	138,097
3/4	3,365	3/4	18,430	3/4	33,539	3/4	48,009	3/4	62,975	3/4	78,081	3/4	93,185	3/4	108,288	3/4	123,374	3/4	138,410
3	3,646	3	18,744	3	33,854	3	48,309	3	63,290	3	78,396	3	93,500	3	108,603	3	123,688	3	138,723
1/4	3,958	1/4	19,059	1/4	34,159	1/4	48,620	1/4	63,605	1/4	78,711	1/4	93,815	1/4	108,917	1/4	124,001	1/4	139,036
1/2	4,269	1/2	19,374	1/2	34,463	1/2	48,931	1/2	63,919	1/2	79,025	1/2	94,129	1/2	109,232	1/2	124,315	1/2	139,349
3/4	4,581	3/4	19,688	3/4	34,767	3/4	49,242	3/4	64,234	3/4	79,340	3/4	94,444	3/4	109,546	3/4	124,629	3/4	139,662
4	4,892	4	20,003	4	35,072	4	49,553	4	64,549	4	79,655	4	94,759	4	109,861	4	124,943	4	139,975
1/4	5,207	1/4	20,318	1/4	35,374	1/4	49,865	1/4	64,863	1/4	79,970	1/4	95,073	1/4	110,174	1/4	125,256	1/4	140,289
1/2	5,522	1/2	20,633	1/2	35,675	1/2	50,176	1/2	65,178	1/2	80,284	1/2	95,388	1/2	110,489	1/2	125,570	1/2	140,602
3/4	5,837	3/4	20,948	3/4	35,977	3/4	50,488	3/4	65,493	3/4	80,599	3/4	95,703	3/4	110,804	3/4	125,884	3/4	140,915
5	6,152	5	21,262	5	36,279	5	50,799	5	65,808	5	80,914	5	96,017	5	111,119	5	126,197	5	141,228
1/4	6,467	1/4	21,577	1/4	36,581	1/4	51,111	1/4	66,122	1/4	81,228	1/4	96,332	1/4	111,434	1/4	126,511	1/4	141,542
1/2	6,782	1/2	21,892	1/2	36,883	1/2	51,422	1/2	66,437	1/2	81,543	1/2	96,646	1/2	111,748	1/2	126,825	1/2	141,855
3/4	7,097	3/4	22,207	3/4	37,184	3/4	51,734	3/4	66,752	3/4	81,858	3/4	96,961	3/4	112,063	3/4	127,139	3/4	142,168
6	7,411	6	22,522	6	37,486	6	52,045	6	67,066	6	82,173	6	97,276	6	112,377	6	127,452	6	142,481
1/4	7,724	1/4	22,836	1/4	37,787	1/4	52,357	1/4	67,381	1/4	82,487	1/4	97,590	1/4	112,692	1/4	127,766	1/4	142,795
1/2	8,040	1/2	23,151	1/2	38,088	1/2	52,669	1/2	67,696	1/2	82,802	1/2	97,905	1/2	113,007	1/2	128,080	1/2	143,108
3/4	8,355	3/4	23,466	3/4	38,389	3/4	52,981	3/4	68,011	3/4	83,117	3/4	98,220	3/4	113,321	3/4	128,393	3/4	143,421
7	8,671	7	23,781	7	38,689	7	53,293	7	68,325	7	83,431	7	98,534	7	113,636	7	128,707	7	143,734
1/4	8,985	1/4	24,096	1/4	38,990	1/4	53,605	1/4	68,640	1/4	83,746	1/4	98,849	1/4	113,950	1/4	129,021	1/4	144,048
1/2	9,300	1/2	24,410	1/2	39,291	1/2	53,917	1/2	68,955	1/2	84,061	1/2	99,164	1/2	114,265	1/2	129,335	1/2	144,361
3/4	9,615	3/4	24,725	3/4	39,591	3/4	54,229	3/4	69,269	3/4	84,376	3/4	99,478	3/4	114,580	3/4	129,649	3/4	144,674
8	9,930	8	25,040	8	39,892	8	54,542	8	69,584	8	84,690	8	99,793	8	114,894	8	129,963	8	144,987
1/4	10,245	1/4	25,355	1/4	40,193	1/4	54,854	1/4	69,899	1/4	85,005	1/4	100,107	1/4	115,210	1/4	130,277	1/4	145,301
1/2	10,559	1/2	25,670	1/2	40,493	1/2	55,166	1/2	70,214	1/2	85,320	1/2	100,422	1/2	115,525	1/2	130,591	1/2	145,614
3/4	10,874	3/4	25,984	3/4	40,794	3/4	55,478	3/4	70,528	3/4	85,634	3/4	100,737	3/4	115,839	3/4	130,905	3/4	145,927
9	11,189	9	26,299	9	41,094	9	55,790	9	70,843	9	85,949	9	101,051	9	116,153	9	131,219	9	146,240
1/4	11,504	1/4	26,614	1/4	41,395	1/4	56,102	1/4	71,158	1/4	86,263	1/4	101,366	1/4	116,467	1/4	131,532	1/4	146,428
1/2	11,819	1/2	26,929	1/2	41,696	1/2	56,414	1/2	71,472	1/2	86,578	1/2	101,681	1/2	116,781	1/2	131,845	1/2	146,615
3/4	12,133	3/4	27,244	3/4	41,996	3/4	56,726	3/4	71,787	3/4	86,893	3/4	101,995	3/4	117,095	3/4	132,158	3/4	146,802
10	12,448	10	27,558	10	42,297	10	57,038	10	72,102	10	87,207	10	102,310	10	117,409	10	132,471	10	146,989
1/4	12,763	1/4	27,873	1/4	42,598	1/4	57,351	1/4	72,417	1/4	87,522	1/4	102,625	1/4	117,723	1/4	132,783	1/4	147,158
1/2	13,078	1/2	28,188	1/2	42,898	1/2	57,663	1/2	72,731	1/2	87,837	1/2	102,939	1/2	118,037	1/2	133,096	1/2	147,327
3/4	13,393	3/4	28,503	3/4	43,199	3/4	57,975	3/4	73,046	3/4	88,151	3/4	103,254	3/4	118,351	3/4	133,408	3/4	147,497
11	13,707	11	28,818	11	43,499	11	58,287	11	73,361	11	88,466	11	103,568	11	118,665	11	133,721	11	147,666
1/4	14,022	1/4	29,132	1/4	43,800	1/4	58,599	1/4	73,675	1/4	88,781	1/4	103,883	1/4	118,979	1/4	134,034	1/4	147,835
1/2	14,337	1/2	29,447	1/2	44,101	1/2	58,911	1/2	73,990	1/2	89,095	1/2	104,198	1/2	119,293	1/2	134,346	1/2	148,004
3/4	14,652	3/4	29,762	3/4	44,401	3/4	59,223	3/4	74,305	3/4	89,410	3/4	104,512	3/4	119,607	3/4	134,659	3/4	148,173

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 TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 393"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	148,342	0	156,461	0	164,551	0	172,081	0	178,876	0		0		0		0		0	
1/4	148,511	1/4	156,630	1/4	164,715	1/4	172,229	1/4	179,041	1/4		1/4		1/4		1/4		1/4	
1/2	148,681	1/2	156,800	1/2	164,879	1/2	172,377	1/2	179,206	1/2		1/2		1/2		1/2		1/2	
3/4	148,850	3/4	156,969	3/4	165,044	3/4	172,526	3/4	179,371	3/4		3/4		3/4		3/4		3/4	
1	149,019	1	157,138	1	165,208	1	172,674	1	179,535	1		1		1		1		1	
1/4	149,188	1/4	157,307	1/4	165,371	1/4	172,820	1/4	179,702	1/4		1/4		1/4		1/4		1/4	
1/2	149,357	1/2	157,476	1/2	165,533	1/2	172,967	1/2	179,869	1/2		1/2		1/2		1/2		1/2	
3/4	149,526	3/4	157,645	3/4	165,696	3/4	173,113	3/4	180,036	3/4		3/4		3/4		3/4		3/4	
2	149,695	2	157,814	2	165,859	2	173,259	2	180,203	2		2		2		2		2	
1/4	149,865	1/4	157,984	1/4	166,021	1/4	173,404	1/4	180,370	1/4		1/4		1/4		1/4		1/4	
1/2	150,034	1/2	158,153	1/2	166,182	1/2	173,549	1/2	180,537	1/2		1/2		1/2		1/2		1/2	
3/4	150,203	3/4	158,322	3/4	166,344	3/4	173,694	3/4	180,704	3/4		3/4		3/4		3/4		3/4	
3	150,372	3	158,491	3	166,506	3	173,839	3	180,871	3		3		3		3		3	
1/4	150,541	1/4	158,660	1/4	166,666	1/4	173,983	1/4	181,038	1/4		1/4		1/4		1/4		1/4	
1/2	150,710	1/2	158,829	1/2	166,826	1/2	174,126	1/2	181,205	1/2		1/2		1/2		1/2		1/2	
3/4	150,879	3/4	158,998	3/4	166,986	3/4	174,270	3/4	181,371	3/4		3/4		3/4		3/4		3/4	
4	151,049	4	159,168	4	167,146	4	174,414	4	181,538	4		4		4		4		4	
1/4	151,218	1/4	159,337	1/4	167,305	1/4	174,556	1/4	181,705	1/4		1/4		1/4		1/4		1/4	
1/2	151,387	1/2	159,506	1/2	167,464	1/2	174,698	1/2	181,872	1/2		1/2		1/2		1/2		1/2	
3/4	151,556	3/4	159,675	3/4	167,623	3/4	174,841	3/4	182,039	3/4		3/4		3/4		3/4		3/4	
5	151,725	5	159,844	5	167,782	5	174,983	5	182,206	5		5		5		5		5	
1/4	151,894	1/4	160,013	1/4	167,939	1/4	175,124	1/4	182,367	1/4		1/4		1/4		1/4		1/4	
1/2	152,063	1/2	160,182	1/2	168,097	1/2	175,265	1/2	182,529	1/2		1/2		1/2		1/2		1/2	
3/4	152,233	3/4	160,352	3/4	168,254	3/4	175,406	3/4	182,690	3/4		3/4		3/4		3/4		3/4	
6	152,402	6	160,521	6	168,412	6	175,546	6	182,851	6		6		6		6		6	
1/4	152,571	1/4	160,690	1/4	168,568	1/4	175,686	1/4	182,971	1/4		1/4		1/4		1/4		1/4	
1/2	152,740	1/2	160,859	1/2	168,724	1/2	175,826	1/2	183,091	1/2		1/2		1/2		1/2		1/2	
3/4	152,909	3/4	161,028	3/4	168,880	3/4	175,965	3/4	183,211	3/4		3/4		3/4		3/4		3/4	
7	153,078	7	161,197	7	169,037	7	176,105	7	183,332	7		7		7		7		7	
1/4	153,247	1/4	161,366	1/4	169,192	1/4	176,243	1/4	183,401	1/4		1/4		1/4		1/4		1/4	
1/2	153,417	1/2	161,536	1/2	169,346	1/2	176,382	1/2	183,470	1/2		1/2		1/2		1/2		1/2	
3/4	153,586	3/4	161,705	3/4	169,501	3/4	176,520	3/4	183,538	3/4		3/4		3/4		3/4		3/4	
8	153,755	8	161,874	8	169,656	8	176,658	8	183,607	8		8		8		8		8	
1/4	153,924	1/4	162,043	1/4	169,810	1/4	176,795	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,093	1/2	162,212	1/2	169,963	1/2	176,932	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,262	3/4	162,381	3/4	170,117	3/4	177,070	3/4		3/4		3/4		3/4		3/4		3/4	
9	154,432	9	162,550	9	170,270	9	177,207	9		9		9		9		9		9	
1/4	154,601	1/4	162,718	1/4	170,422	1/4	177,342	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,770	1/2	162,886	1/2	170,574	1/2	177,478	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,939	3/4	163,054	3/4	170,726	3/4	177,614	3/4		3/4		3/4		3/4		3/4		3/4	
10	155,108	10	163,222	10	170,879	10	177,749	10		10		10		10		10		10	
1/4	155,277	1/4	163,389	1/4	171,030	1/4	177,884	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,446	1/2	163,556	1/2	171,180	1/2	178,018	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,616	3/4	163,723	3/4	171,331	3/4	178,152	3/4		3/4		3/4		3/4		3/4		3/4	
11	155,785	11	163,890	11	171,482	11	178,287	11		11		11		11		11		11	
1/4	155,954	1/4	164,055	1/4	171,632	1/4	178,434	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,123	1/2	164,220	1/2	171,782	1/2	178,581	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,292	3/4	164,386	3/4	171,931	3/4	178,729	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/24/2014 CL
CALCULATED: 06/25/2014 CL
PRINTED: 06/25/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "CBC 393"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	892	0	14,983	0	30,111	0	45,231	0	60,353	0	75,482	0	90,609	0	105,735	0	120,852	0	135,932
1/4	1,069	1/4	15,298	1/4	30,426	1/4	45,546	1/4	60,668	1/4	75,797	1/4	90,924	1/4	106,050	1/4	121,166	1/4	136,245
1/2	1,247	1/2	15,613	1/2	30,742	1/2	45,860	1/2	60,983	1/2	76,112	1/2	91,239	1/2	106,365	1/2	121,481	1/2	136,558
3/4	1,424	3/4	15,928	3/4	31,057	3/4	46,175	3/4	61,298	3/4	76,427	3/4	91,555	3/4	106,680	3/4	121,795	3/4	136,871
1	1,601	1	16,244	1	31,372	1	46,490	1	61,613	1	76,742	1	91,870	1	106,995	1	122,110	1	137,184
1/4	1,831	1/4	16,559	1/4	31,687	1/4	46,805	1/4	61,929	1/4	77,058	1/4	92,185	1/4	107,310	1/4	122,424	1/4	137,497
1/2	2,061	1/2	16,874	1/2	32,002	1/2	47,120	1/2	62,244	1/2	77,373	1/2	92,500	1/2	107,625	1/2	122,739	1/2	137,810
3/4	2,291	3/4	17,189	3/4	32,317	3/4	47,434	3/4	62,559	3/4	77,688	3/4	92,815	3/4	107,940	3/4	123,053	3/4	138,124
2	2,520	2	17,504	2	32,633	2	47,749	2	62,874	2	78,003	2	93,130	2	108,255	2	123,368	2	138,437
1/4	2,803	1/4	17,822	1/4	32,948	1/4	48,064	1/4	63,189	1/4	78,318	1/4	93,445	1/4	108,571	1/4	123,682	1/4	138,750
1/2	3,085	1/2	18,136	1/2	33,263	1/2	48,379	1/2	63,505	1/2	78,633	1/2	93,760	1/2	108,886	1/2	123,997	1/2	139,063
3/4	3,367	3/4	18,451	3/4	33,578	3/4	48,693	3/4	63,820	3/4	78,949	3/4	94,075	3/4	109,201	3/4	124,311	3/4	139,376
3	3,650	3	18,765	3	33,893	3	49,008	3	64,135	3	79,264	3	94,391	3	109,516	3	124,626	3	139,689
1/4	3,962	1/4	19,080	1/4	34,208	1/4	49,323	1/4	64,450	1/4	79,579	1/4	94,706	1/4	109,831	1/4	124,940	1/4	140,003
1/2	4,274	1/2	19,395	1/2	34,524	1/2	49,638	1/2	64,765	1/2	79,894	1/2	95,021	1/2	110,146	1/2	125,255	1/2	140,316
3/4	4,585	3/4	19,710	3/4	34,839	3/4	49,953	3/4	65,080	3/4	80,209	3/4	95,336	3/4	110,461	3/4	125,569	3/4	140,630
4	4,897	4	20,026	4	35,154	4	50,267	4	65,396	4	80,525	4	95,651	4	110,776	4	125,884	4	140,944
1/4	5,213	1/4	20,341	1/4	35,469	1/4	50,582	1/4	65,711	1/4	80,840	1/4	95,966	1/4	111,091	1/4	126,199	1/4	141,257
1/2	5,528	1/2	20,656	1/2	35,784	1/2	50,897	1/2	66,026	1/2	81,155	1/2	96,281	1/2	111,406	1/2	126,513	1/2	141,571
3/4	5,843	3/4	20,971	3/4	36,099	3/4	51,213	3/4	66,341	3/4	81,470	3/4	96,596	3/4	111,721	3/4	126,828	3/4	141,885
5	6,158	5	21,286	5	36,415	5	51,528	5	66,656	5	81,785	5	96,911	5	112,036	5	127,142	5	142,198
1/4	6,473	1/4	21,602	1/4	36,730	1/4	51,843	1/4	66,972	1/4	82,101	1/4	97,227	1/4	112,351	1/4	127,457	1/4	142,512
1/2	6,788	1/2	21,917	1/2	37,045	1/2	52,158	1/2	67,287	1/2	82,416	1/2	97,542	1/2	112,666	1/2	127,771	1/2	142,826
3/4	7,104	3/4	22,232	3/4	37,360	3/4	52,473	3/4	67,602	3/4	82,731	3/4	97,857	3/4	112,981	3/4	128,086	3/4	143,140
6	7,419	6	22,547	6	37,675	6	52,788	6	67,917	6	83,046	6	98,172	6	113,296	6	128,400	6	143,453
1/4	7,732	1/4	22,862	1/4	37,990	1/4	53,103	1/4	68,232	1/4	83,361	1/4	98,487	1/4	113,611	1/4	128,715	1/4	143,767
1/2	8,048	1/2	23,177	1/2	38,305	1/2	53,419	1/2	68,548	1/2	83,676	1/2	98,802	1/2	113,927	1/2	129,029	1/2	144,081
3/4	8,364	3/4	23,493	3/4	38,620	3/4	53,734	3/4	68,863	3/4	83,992	3/4	99,117	3/4	114,242	3/4	129,344	3/4	144,395
7	8,679	7	23,808	7	38,935	7	54,049	7	69,178	7	84,307	7	99,432	7	114,557	7	129,658	7	144,708
1/4	8,995	1/4	24,123	1/4	39,250	1/4	54,364	1/4	69,493	1/4	84,622	1/4	99,747	1/4	114,872	1/4	129,973	1/4	145,022
1/2	9,310	1/2	24,438	1/2	39,565	1/2	54,679	1/2	69,808	1/2	84,937	1/2	100,063	1/2	115,187	1/2	130,287	1/2	145,336
3/4	9,625	3/4	24,753	3/4	39,879	3/4	54,995	3/4	70,123	3/4	85,252	3/4	100,378	3/4	115,502	3/4	130,602	3/4	145,650
8	9,940	8	25,068	8	40,194	8	55,310	8	70,439	8	85,568	8	100,693	8	115,817	8	130,916	8	145,963
1/4	10,255	1/4	25,384	1/4	40,509	1/4	55,625	1/4	70,754	1/4	85,883	1/4	101,008	1/4	116,132	1/4	131,231	1/4	146,277
1/2	10,570	1/2	25,699	1/2	40,824	1/2	55,940	1/2	71,069	1/2	86,198	1/2	101,323	1/2	116,447	1/2	131,545	1/2	146,591
3/4	10,886	3/4	26,014	3/4	41,139	3/4	56,255	3/4	71,384	3/4	86,513	3/4	101,638	3/4	116,762	3/4	131,860	3/4	146,904
9	11,201	9	26,329	9	41,453	9	56,570	9	71,699	9	86,828	9	101,953	9	117,077	9	132,174	9	147,218
1/4	11,516	1/4	26,644	1/4	41,768	1/4	56,886	1/4	72,015	1/4	87,143	1/4	102,268	1/4	117,392	1/4	132,488	1/4	147,406
1/2	11,831	1/2	26,959	1/2	42,083	1/2	57,201	1/2	72,330	1/2	87,458	1/2	102,583	1/2	117,706	1/2	132,801	1/2	147,594
3/4	12,146	3/4	27,275	3/4	42,398	3/4	57,516	3/4	72,645	3/4	87,773	3/4	102,899	3/4	118,021	3/4	133,114	3/4	147,781
10	12,462	10	27,590	10	42,713	10	57,831	10	72,960	10	88,088	10	103,214	10	118,336	10	133,427	10	147,969
1/4	12,777	1/4	27,905	1/4	43,027	1/4	58,146	1/4	73,275	1/4	88,403	1/4	103,529	1/4	118,650	1/4	133,740	1/4	148,139
1/2	13,092	1/2	28,220	1/2	43,342	1/2	58,462	1/2	73,591	1/2	88,719	1/2	103,844	1/2	118,965	1/2	134,054	1/2	148,308
3/4	13,407	3/4	28,535	3/4	43,657	3/4	58,777	3/4	73,906	3/4	89,034	3/4	104,159	3/4	119,279	3/4	134,367	3/4	148,478
11	13,722	11	28,850	11	43,972	11	59,092	11	74,221	11	89,349	11	104,474	11	119,594	11	134,680	11	148,648
1/4	14,037	1/4	29,166	1/4	44,286	1/4	59,407	1/4	74,536	1/4	89,664	1/4	104,789	1/4	119,908	1/4	134,993	1/4	148,817
1/2	14,353	1/2	29,481	1/2	44,601	1/2	59,722	1/2	74,851	1/2	89,979	1/2	105,104	1/2	120,223	1/2	135,306	1/2	148,987
3/4	14,668	3/4	29,796	3/4	44,916	3/4	60,038	3/4	75,166	3/4	90,294	3/4	105,419	3/4	120,537	3/4	135,619	3/4	149,157

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 TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 393"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	149,326	0	157,472	0	165,588	0	173,144	0	179,966	0		0		0		0		0	
1/4	149,496	1/4	157,641	1/4	165,752	1/4	173,293	1/4	180,131	1/4		1/4		1/4		1/4		1/4	
1/2	149,666	1/2	157,811	1/2	165,917	1/2	173,441	1/2	180,297	1/2		1/2		1/2		1/2		1/2	
3/4	149,836	3/4	157,981	3/4	166,082	3/4	173,590	3/4	180,462	3/4		3/4		3/4		3/4		3/4	
1	150,005	1	158,150	1	166,246	1	173,739	1	180,627	1		1		1		1		1	
1/4	150,175	1/4	158,320	1/4	166,410	1/4	173,886	1/4	180,795	1/4		1/4		1/4		1/4		1/4	
1/2	150,345	1/2	158,490	1/2	166,573	1/2	174,033	1/2	180,962	1/2		1/2		1/2		1/2		1/2	
3/4	150,514	3/4	158,659	3/4	166,737	3/4	174,180	3/4	181,130	3/4		3/4		3/4		3/4		3/4	
2	150,684	2	158,829	2	166,900	2	174,326	2	181,297	2		2		2		2		2	
1/4	150,854	1/4	158,999	1/4	167,062	1/4	174,472	1/4	181,464	1/4		1/4		1/4		1/4		1/4	
1/2	151,023	1/2	159,169	1/2	167,224	1/2	174,617	1/2	181,632	1/2		1/2		1/2		1/2		1/2	
3/4	151,193	3/4	159,338	3/4	167,386	3/4	174,763	3/4	181,799	3/4		3/4		3/4		3/4		3/4	
3	151,363	3	159,508	3	167,549	3	174,908	3	181,967	3		3		3		3		3	
1/4	151,532	1/4	159,678	1/4	167,709	1/4	175,053	1/4	182,134	1/4		1/4		1/4		1/4		1/4	
1/2	151,702	1/2	159,847	1/2	167,870	1/2	175,197	1/2	182,302	1/2		1/2		1/2		1/2		1/2	
3/4	151,872	3/4	160,017	3/4	168,031	3/4	175,341	3/4	182,469	3/4		3/4		3/4		3/4		3/4	
4	152,042	4	160,187	4	168,192	4	175,485	4	182,637	4		4		4		4		4	
1/4	152,211	1/4	160,356	1/4	168,351	1/4	175,628	1/4	182,804	1/4		1/4		1/4		1/4		1/4	
1/2	152,381	1/2	160,526	1/2	168,510	1/2	175,771	1/2	182,972	1/2		1/2		1/2		1/2		1/2	
3/4	152,551	3/4	160,696	3/4	168,670	3/4	175,914	3/4	183,139	3/4		3/4		3/4		3/4		3/4	
5	152,720	5	160,865	5	168,829	5	176,057	5	183,307	5		5		5		5		5	
1/4	152,890	1/4	161,035	1/4	168,987	1/4	176,198	1/4	183,468	1/4		1/4		1/4		1/4		1/4	
1/2	153,060	1/2	161,205	1/2	169,145	1/2	176,340	1/2	183,630	1/2		1/2		1/2		1/2		1/2	
3/4	153,229	3/4	161,374	3/4	169,303	3/4	176,481	3/4	183,792	3/4		3/4		3/4		3/4		3/4	
6	153,399	6	161,544	6	169,461	6	176,623	6	183,954	6		6		6		6		6	
1/4	153,569	1/4	161,714	1/4	169,618	1/4	176,763	1/4	184,075	1/4		1/4		1/4		1/4		1/4	
1/2	153,738	1/2	161,884	1/2	169,775	1/2	176,903	1/2	184,195	1/2		1/2		1/2		1/2		1/2	
3/4	153,908	3/4	162,053	3/4	169,932	3/4	177,043	3/4	184,316	3/4		3/4		3/4		3/4		3/4	
7	154,078	7	162,223	7	170,089	7	177,183	7	184,437	7		7		7		7		7	
1/4	154,247	1/4	162,393	1/4	170,244	1/4	177,322	1/4	184,506	1/4		1/4		1/4		1/4		1/4	
1/2	154,417	1/2	162,562	1/2	170,399	1/2	177,461	1/2	184,576	1/2		1/2		1/2		1/2		1/2	
3/4	154,587	3/4	162,732	3/4	170,555	3/4	177,600	3/4	184,645	3/4		3/4		3/4		3/4		3/4	
8	154,757	8	162,902	8	170,710	8	177,739	8	184,715	8		8		8		8		8	
1/4	154,926	1/4	163,071	1/4	170,864	1/4	177,877	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,096	1/2	163,241	1/2	171,018	1/2	178,014	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,266	3/4	163,410	3/4	171,172	3/4	178,152	3/4		3/4		3/4		3/4		3/4		3/4	
9	155,435	9	163,580	9	171,326	9	178,290	9		9		9		9		9		9	
1/4	155,605	1/4	163,748	1/4	171,479	1/4	178,426	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,775	1/2	163,917	1/2	171,632	1/2	178,562	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,944	3/4	164,086	3/4	171,784	3/4	178,698	3/4		3/4		3/4		3/4		3/4		3/4	
10	156,114	10	164,254	10	171,937	10	178,835	10		10		10		10		10		10	
1/4	156,284	1/4	164,422	1/4	172,089	1/4	178,969	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,453	1/2	164,589	1/2	172,240	1/2	179,104	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,623	3/4	164,757	3/4	172,391	3/4	179,239	3/4		3/4		3/4		3/4		3/4		3/4	
11	156,793	11	164,924	11	172,543	11	179,374	11		11		11		11		11		11	
1/4	156,963	1/4	165,090	1/4	172,693	1/4	179,522	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,132	1/2	165,256	1/2	172,843	1/2	179,670	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,302	3/4	165,422	3/4	172,994	3/4	179,818	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/24/2014 CL
CALCULATED: 06/25/2014 CL
PRINTED: 06/25/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 393"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	896	0	15,049	0	30,245	0	45,104	0	59,949	0	75,145	0	90,341	0	105,537	0	120,729	0	135,919
1/4	1,074	1/4	15,366	1/4	30,561	1/4	45,406	1/4	60,265	1/4	75,461	1/4	90,658	1/4	105,854	1/4	121,045	1/4	136,236
1/2	1,252	1/2	15,682	1/2	30,878	1/2	45,708	1/2	60,582	1/2	75,778	1/2	90,974	1/2	106,170	1/2	121,362	1/2	136,552
3/4	1,430	3/4	15,999	3/4	31,195	3/4	46,010	3/4	60,898	3/4	76,095	3/4	91,291	3/4	106,487	3/4	121,678	3/4	136,869
1	1,608	1	16,316	1	31,511	1	46,312	1	61,215	1	76,411	1	91,607	1	106,804	1	121,995	1	137,185
1/4	1,839	1/4	16,632	1/4	31,828	1/4	46,615	1/4	61,532	1/4	76,728	1/4	91,924	1/4	107,120	1/4	122,311	1/4	137,502
1/2	2,070	1/2	16,949	1/2	32,144	1/2	46,917	1/2	61,848	1/2	77,044	1/2	92,241	1/2	107,437	1/2	122,628	1/2	137,818
3/4	2,301	3/4	17,265	3/4	32,461	3/4	47,219	3/4	62,165	3/4	77,361	3/4	92,557	3/4	107,753	3/4	122,944	3/4	138,135
2	2,532	2	17,582	2	32,777	2	47,521	2	62,481	2	77,678	2	92,874	2	108,070	2	123,261	2	138,451
1/4	2,815	1/4	17,901	1/4	33,094	1/4	47,823	1/4	62,798	1/4	77,994	1/4	93,190	1/4	108,387	1/4	123,577	1/4	138,768
1/2	3,099	1/2	18,217	1/2	33,411	1/2	48,125	1/2	63,115	1/2	78,311	1/2	93,507	1/2	108,703	1/2	123,894	1/2	139,084
3/4	3,382	3/4	18,532	3/4	33,727	3/4	48,428	3/4	63,431	3/4	78,627	3/4	93,824	3/4	109,020	3/4	124,210	3/4	139,401
3	3,666	3	18,848	3	34,044	3	48,730	3	63,748	3	78,944	3	94,140	3	109,336	3	124,527	3	139,717
1/4	3,979	1/4	19,165	1/4	34,360	1/4	49,032	1/4	64,064	1/4	79,260	1/4	94,457	1/4	109,653	1/4	124,843	1/4	140,034
1/2	4,292	1/2	19,481	1/2	34,677	1/2	49,334	1/2	64,381	1/2	79,577	1/2	94,773	1/2	109,969	1/2	125,159	1/2	140,350
3/4	4,606	3/4	19,798	3/4	34,994	3/4	49,636	3/4	64,697	3/4	79,894	3/4	95,090	3/4	110,285	3/4	125,476	3/4	140,667
4	4,919	4	20,114	4	35,310	4	49,938	4	65,014	4	80,210	4	95,406	4	110,602	4	125,792	4	140,983
1/4	5,236	1/4	20,431	1/4	35,627	1/4	50,241	1/4	65,331	1/4	80,527	1/4	95,723	1/4	110,917	1/4	126,109	1/4	141,299
1/2	5,552	1/2	20,748	1/2	35,943	1/2	50,543	1/2	65,647	1/2	80,843	1/2	96,040	1/2	111,234	1/2	126,425	1/2	141,616
3/4	5,869	3/4	21,064	3/4	36,260	3/4	50,845	3/4	65,964	3/4	81,160	3/4	96,356	3/4	111,551	3/4	126,742	3/4	141,932
5	6,185	5	21,381	5	36,576	5	51,147	5	66,280	5	81,477	5	96,673	5	111,868	5	127,058	5	142,249
1/4	6,502	1/4	21,697	1/4	36,893	1/4	51,450	1/4	66,597	1/4	81,793	1/4	96,989	1/4	112,184	1/4	127,375	1/4	142,565
1/2	6,818	1/2	22,014	1/2	37,210	1/2	51,752	1/2	66,914	1/2	82,110	1/2	97,306	1/2	112,501	1/2	127,691	1/2	142,882
3/4	7,135	3/4	22,331	3/4	37,526	3/4	52,055	3/4	67,230	3/4	82,426	3/4	97,623	3/4	112,817	3/4	128,008	3/4	143,198
6	7,452	6	22,647	6	37,843	6	52,357	6	67,547	6	82,743	6	97,939	6	113,134	6	128,324	6	143,515
1/4	7,766	1/4	22,964	1/4	38,147	1/4	52,672	1/4	67,863	1/4	83,060	1/4	98,256	1/4	113,450	1/4	128,641	1/4	143,831
1/2	8,083	1/2	23,280	1/2	38,451	1/2	52,987	1/2	68,180	1/2	83,376	1/2	98,572	1/2	113,767	1/2	128,957	1/2	144,148
3/4	8,401	3/4	23,597	3/4	38,756	3/4	53,302	3/4	68,497	3/4	83,693	3/4	98,889	3/4	114,083	3/4	129,274	3/4	144,464
7	8,718	7	23,913	7	39,060	7	53,617	7	68,813	7	84,009	7	99,206	7	114,399	7	129,590	7	144,781
1/4	9,034	1/4	24,230	1/4	39,362	1/4	53,933	1/4	69,130	1/4	84,326	1/4	99,522	1/4	114,716	1/4	129,907	1/4	145,097
1/2	9,351	1/2	24,547	1/2	39,665	1/2	54,250	1/2	69,446	1/2	84,642	1/2	99,839	1/2	115,032	1/2	130,223	1/2	145,414
3/4	9,668	3/4	24,863	3/4	39,967	3/4	54,567	3/4	69,763	3/4	84,959	3/4	100,155	3/4	115,349	3/4	130,539	3/4	145,730
8	9,984	8	25,180	8	40,269	8	54,883	8	70,079	8	85,276	8	100,472	8	115,665	8	130,856	8	146,046
1/4	10,301	1/4	25,496	1/4	40,571	1/4	55,200	1/4	70,396	1/4	85,592	1/4	100,788	1/4	115,984	1/4	131,172	1/4	146,363
1/2	10,617	1/2	25,813	1/2	40,873	1/2	55,516	1/2	70,713	1/2	85,909	1/2	101,105	1/2	116,299	1/2	131,489	1/2	146,679
3/4	10,934	3/4	26,129	3/4	41,176	3/4	55,833	3/4	71,029	3/4	86,225	3/4	101,422	3/4	116,615	3/4	131,805	3/4	146,996
9	11,250	9	26,446	9	41,478	9	56,150	9	71,346	9	86,542	9	101,738	9	116,931	9	132,122	9	147,312
1/4	11,567	1/4	26,763	1/4	41,780	1/4	56,466	1/4	71,662	1/4	86,859	1/4	102,055	1/4	117,248	1/4	132,438	1/4	147,629
1/2	11,884	1/2	27,079	1/2	42,082	1/2	56,783	1/2	71,979	1/2	87,175	1/2	102,371	1/2	117,564	1/2	132,755	1/2	147,945
3/4	12,200	3/4	27,396	3/4	42,384	3/4	57,099	3/4	72,296	3/4	87,492	3/4	102,688	3/4	117,881	3/4	133,071	3/4	148,262
10	12,517	10	27,712	10	42,686	10	57,416	10	72,612	10	87,808	10	103,005	10	118,197	10	133,388	10	148,578
1/4	12,833	1/4	28,029	1/4	42,989	1/4	57,733	1/4	72,929	1/4	88,125	1/4	103,321	1/4	118,514	1/4	133,704	1/4	148,895
1/2	13,150	1/2	28,345	1/2	43,291	1/2	58,049	1/2	73,245	1/2	88,442	1/2	103,638	1/2	118,830	1/2	134,021	1/2	149,211
3/4	13,466	3/4	28,662	3/4	43,593	3/4	58,366	3/4	73,562	3/4	88,758	3/4	103,954	3/4	119,147	3/4	134,337	3/4	149,528
11	13,783	11	28,979	11	43,895	11	58,682	11	73,878	11	89,075	11	104,271	11	119,463	11	134,654	11	149,844
1/4	14,100	1/4	29,295	1/4	44,197	1/4	58,999	1/4	74,195	1/4	89,391	1/4	104,587	1/4	119,779	1/4	134,970	1/4	150,161
1/2	14,416	1/2	29,612	1/2	44,499	1/2	59,315	1/2	74,512	1/2	89,708	1/2	104,904	1/2	120,096	1/2	135,287	1/2	150,477
3/4	14,733	3/4	29,928	3/4	44,802	3/4	59,632	3/4	74,828	3/4	90,024	3/4	105,221	3/4	120,412	3/4	135,603	3/4	150,794

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 TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 393"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	151,110	0	166,301	0	181,462	0	196,061	0	209,893	0		0		0		0		0	
1/4	151,426	1/4	166,617	1/4	181,773	1/4	196,356	1/4	210,203	1/4		1/4		1/4		1/4		1/4	
1/2	151,743	1/2	166,934	1/2	182,085	1/2	196,652	1/2	210,513	1/2		1/2		1/2		1/2		1/2	
3/4	152,059	3/4	167,250	3/4	182,396	3/4	196,947	3/4	210,823	3/4		3/4		3/4		3/4		3/4	
1	152,376	1	167,566	1	182,707	1	197,243	1	211,134	1		1		1		1		1	
1/4	152,692	1/4	167,883	1/4	183,018	1/4	197,536	1/4	211,446	1/4		1/4		1/4		1/4		1/4	
1/2	153,009	1/2	168,199	1/2	183,328	1/2	197,829	1/2	211,758	1/2		1/2		1/2		1/2		1/2	
3/4	153,325	3/4	168,516	3/4	183,638	3/4	198,122	3/4	212,071	3/4		3/4		3/4		3/4		3/4	
2	153,642	2	168,832	2	183,948	2	198,415	2	212,383	2		2		2		2		2	
1/4	153,958	1/4	169,149	1/4	184,257	1/4	198,706	1/4	212,695	1/4		1/4		1/4		1/4		1/4	
1/2	154,275	1/2	169,465	1/2	184,566	1/2	198,998	1/2	213,008	1/2		1/2		1/2		1/2		1/2	
3/4	154,591	3/4	169,782	3/4	184,875	3/4	199,290	3/4	213,320	3/4		3/4		3/4		3/4		3/4	
3	154,908	3	170,098	3	185,184	3	199,581	3	213,632	3		3		3		3		3	
1/4	155,224	1/4	170,415	1/4	185,491	1/4	199,872	1/4	213,945	1/4		1/4		1/4		1/4		1/4	
1/2	155,541	1/2	170,731	1/2	185,799	1/2	200,162	1/2	214,257	1/2		1/2		1/2		1/2		1/2	
3/4	155,857	3/4	171,048	3/4	186,106	3/4	200,452	3/4	214,569	3/4		3/4		3/4		3/4		3/4	
4	156,174	4	171,364	4	186,414	4	200,742	4	214,882	4		4		4		4		4	
1/4	156,490	1/4	171,681	1/4	186,720	1/4	201,031	1/4	215,194	1/4		1/4		1/4		1/4		1/4	
1/2	156,806	1/2	171,997	1/2	187,026	1/2	201,320	1/2	215,506	1/2		1/2		1/2		1/2		1/2	
3/4	157,123	3/4	172,314	3/4	187,332	3/4	201,609	3/4	215,819	3/4		3/4		3/4		3/4		3/4	
5	157,439	5	172,630	5	187,638	5	201,898	5	216,131	5		5		5		5		5	
1/4	157,756	1/4	172,946	1/4	187,943	1/4	202,186	1/4	216,438	1/4		1/4		1/4		1/4		1/4	
1/2	158,072	1/2	173,263	1/2	188,248	1/2	202,473	1/2	216,744	1/2		1/2		1/2		1/2		1/2	
3/4	158,389	3/4	173,579	3/4	188,552	3/4	202,761	3/4	217,051	3/4		3/4		3/4		3/4		3/4	
6	158,705	6	173,896	6	188,857	6	203,048	6	217,357	6		6		6		6		6	
1/4	159,022	1/4	174,212	1/4	189,161	1/4	203,334	1/4	217,623	1/4		1/4		1/4		1/4		1/4	
1/2	159,338	1/2	174,529	1/2	189,464	1/2	203,621	1/2	217,888	1/2		1/2		1/2		1/2		1/2	
3/4	159,655	3/4	174,845	3/4	189,768	3/4	203,907	3/4	218,153	3/4		3/4		3/4		3/4		3/4	
7	159,971	7	175,162	7	190,071	7	204,193	7	218,419	7		7		7		7		7	
1/4	160,288	1/4	175,478	1/4	190,374	1/4	204,478	1/4	218,633	1/4		1/4		1/4		1/4		1/4	
1/2	160,604	1/2	175,795	1/2	190,676	1/2	204,763	1/2	218,847	1/2		1/2		1/2		1/2		1/2	
3/4	160,921	3/4	176,111	3/4	190,978	3/4	205,048	3/4	219,062	3/4		3/4		3/4		3/4		3/4	
8	161,237	8	176,428	8	191,280	8	205,333	8	219,276	8		8		8		8		8	
1/4	161,554	1/4	176,744	1/4	191,581	1/4	205,617	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,870	1/2	177,060	1/2	191,881	1/2	205,900	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,186	3/4	177,376	3/4	192,182	3/4	206,184	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,503	9	177,692	9	192,483	9	206,468	9		9		9		9		9		9	
1/4	162,819	1/4	178,008	1/4	192,782	1/4	206,750	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,136	1/2	178,323	1/2	193,082	1/2	207,032	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,452	3/4	178,639	3/4	193,381	3/4	207,315	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,769	10	178,954	10	193,681	10	207,597	10		10		10		10		10		10	
1/4	164,085	1/4	179,269	1/4	193,979	1/4	207,878	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,402	1/2	179,583	1/2	194,277	1/2	208,159	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,718	3/4	179,897	3/4	194,575	3/4	208,440	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,035	11	180,211	11	194,873	11	208,721	11		11		11		11		11		11	
1/4	165,351	1/4	180,524	1/4	195,170	1/4	209,014	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,668	1/2	180,836	1/2	195,467	1/2	209,307	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,984	3/4	181,149	3/4	195,764	3/4	209,600	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/24/2014 CL
CALCULATED: 06/25/2014 CL
PRINTED: 06/25/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 393"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	896	0	15,053	0	30,252	0	45,442	0	60,631	0	75,830	0	91,030	0	106,230	0	121,426	0	136,620
1/4	1,074	1/4	15,370	1/4	30,569	1/4	45,758	1/4	60,947	1/4	76,147	1/4	91,347	1/4	106,547	1/4	121,742	1/4	136,937
1/2	1,252	1/2	15,686	1/2	30,885	1/2	46,074	1/2	61,264	1/2	76,464	1/2	91,663	1/2	106,863	1/2	122,059	1/2	137,253
3/4	1,431	3/4	16,003	3/4	31,202	3/4	46,390	3/4	61,581	3/4	76,780	3/4	91,980	3/4	107,180	3/4	122,375	3/4	137,570
1	1,609	1	16,320	1	31,519	1	46,706	1	61,897	1	77,097	1	92,297	1	107,497	1	122,692	1	137,886
1/4	1,840	1/4	16,636	1/4	31,835	1/4	47,022	1/4	62,214	1/4	77,414	1/4	92,613	1/4	107,813	1/4	123,009	1/4	138,203
1/2	2,070	1/2	16,953	1/2	32,152	1/2	47,338	1/2	62,531	1/2	77,730	1/2	92,930	1/2	108,130	1/2	123,325	1/2	138,519
3/4	2,301	3/4	17,269	3/4	32,469	3/4	47,655	3/4	62,847	3/4	78,047	3/4	93,247	3/4	108,447	3/4	123,642	3/4	138,836
2	2,532	2	17,586	2	32,785	2	47,971	2	63,164	2	78,364	2	93,563	2	108,763	2	123,958	2	139,152
1/4	2,816	1/4	17,905	1/4	33,102	1/4	48,287	1/4	63,481	1/4	78,680	1/4	93,880	1/4	109,080	1/4	124,275	1/4	139,469
1/2	3,099	1/2	18,221	1/2	33,419	1/2	48,603	1/2	63,797	1/2	78,997	1/2	94,197	1/2	109,397	1/2	124,591	1/2	139,786
3/4	3,383	3/4	18,537	3/4	33,735	3/4	48,919	3/4	64,114	3/4	79,314	3/4	94,513	3/4	109,713	3/4	124,908	3/4	140,102
3	3,667	3	18,853	3	34,052	3	49,235	3	64,431	3	79,630	3	94,830	3	110,030	3	125,224	3	140,419
1/4	3,980	1/4	19,169	1/4	34,369	1/4	49,551	1/4	64,747	1/4	79,947	1/4	95,147	1/4	110,346	1/4	125,541	1/4	140,735
1/2	4,293	1/2	19,486	1/2	34,685	1/2	49,868	1/2	65,064	1/2	80,264	1/2	95,463	1/2	110,663	1/2	125,857	1/2	141,052
3/4	4,607	3/4	19,803	3/4	35,002	3/4	50,184	3/4	65,381	3/4	80,580	3/4	95,780	3/4	110,980	3/4	126,174	3/4	141,368
4	4,920	4	20,119	4	35,318	4	50,500	4	65,697	4	80,897	4	96,097	4	111,296	4	126,491	4	141,685
1/4	5,237	1/4	20,436	1/4	35,635	1/4	50,816	1/4	66,014	1/4	81,214	1/4	96,413	1/4	111,613	1/4	126,807	1/4	142,001
1/2	5,553	1/2	20,753	1/2	35,952	1/2	51,132	1/2	66,331	1/2	81,530	1/2	96,730	1/2	111,929	1/2	127,124	1/2	142,318
3/4	5,870	3/4	21,069	3/4	36,268	3/4	51,448	3/4	66,647	3/4	81,847	3/4	97,047	3/4	112,246	3/4	127,440	3/4	142,634
5	6,187	5	21,386	5	36,585	5	51,764	5	66,964	5	82,164	5	97,363	5	112,562	5	127,757	5	142,951
1/4	6,503	1/4	21,703	1/4	36,902	1/4	52,081	1/4	67,281	1/4	82,480	1/4	97,680	1/4	112,879	1/4	128,073	1/4	143,268
1/2	6,820	1/2	22,019	1/2	37,218	1/2	52,398	1/2	67,597	1/2	82,797	1/2	97,997	1/2	113,196	1/2	128,390	1/2	143,584
3/4	7,137	3/4	22,336	3/4	37,535	3/4	52,714	3/4	67,914	3/4	83,114	3/4	98,313	3/4	113,512	3/4	128,706	3/4	143,901
6	7,453	6	22,653	6	37,852	6	53,031	6	68,231	6	83,430	6	98,630	6	113,829	6	129,023	6	144,217
1/4	7,768	1/4	22,969	1/4	38,168	1/4	53,347	1/4	68,547	1/4	83,747	1/4	98,947	1/4	114,145	1/4	129,339	1/4	144,534
1/2	8,085	1/2	23,286	1/2	38,485	1/2	53,664	1/2	68,864	1/2	84,064	1/2	99,263	1/2	114,462	1/2	129,656	1/2	144,850
3/4	8,403	3/4	23,602	3/4	38,802	3/4	53,981	3/4	69,181	3/4	84,380	3/4	99,580	3/4	114,778	3/4	129,973	3/4	145,167
7	8,720	7	23,919	7	39,118	7	54,297	7	69,497	7	84,697	7	99,897	7	115,095	7	130,289	7	145,483
1/4	9,037	1/4	24,236	1/4	39,434	1/4	54,614	1/4	69,814	1/4	85,014	1/4	100,213	1/4	115,411	1/4	130,606	1/4	145,800
1/2	9,353	1/2	24,552	1/2	39,751	1/2	54,931	1/2	70,131	1/2	85,330	1/2	100,530	1/2	115,728	1/2	130,922	1/2	146,116
3/4	9,670	3/4	24,869	3/4	40,067	3/4	55,247	3/4	70,447	3/4	85,647	3/4	100,847	3/4	116,044	3/4	131,239	3/4	146,433
8	9,987	8	25,186	8	40,383	8	55,564	8	70,764	8	85,964	8	101,163	8	116,361	8	131,555	8	146,750
1/4	10,303	1/4	25,502	1/4	40,699	1/4	55,881	1/4	71,081	1/4	86,280	1/4	101,480	1/4	116,678	1/4	131,872	1/4	147,066
1/2	10,620	1/2	25,819	1/2	41,015	1/2	56,197	1/2	71,397	1/2	86,597	1/2	101,797	1/2	116,994	1/2	132,188	1/2	147,383
3/4	10,937	3/4	26,136	3/4	41,332	3/4	56,514	3/4	71,714	3/4	86,914	3/4	102,113	3/4	117,311	3/4	132,505	3/4	147,699
9	11,253	9	26,452	9	41,648	9	56,831	9	72,030	9	87,230	9	102,430	9	117,627	9	132,821	9	148,016
1/4	11,570	1/4	26,769	1/4	41,964	1/4	57,147	1/4	72,347	1/4	87,547	1/4	102,747	1/4	117,944	1/4	133,138	1/4	148,332
1/2	11,886	1/2	27,086	1/2	42,280	1/2	57,464	1/2	72,664	1/2	87,864	1/2	103,063	1/2	118,260	1/2	133,455	1/2	148,649
3/4	12,203	3/4	27,402	3/4	42,596	3/4	57,781	3/4	72,980	3/4	88,180	3/4	103,380	3/4	118,577	3/4	133,771	3/4	148,965
10	12,520	10	27,719	10	42,912	10	58,097	10	73,297	10	88,497	10	103,697	10	118,893	10	134,088	10	149,282
1/4	12,836	1/4	28,036	1/4	43,228	1/4	58,414	1/4	73,614	1/4	88,814	1/4	104,013	1/4	119,210	1/4	134,404	1/4	149,599
1/2	13,153	1/2	28,352	1/2	43,545	1/2	58,731	1/2	73,930	1/2	89,130	1/2	104,330	1/2	119,526	1/2	134,721	1/2	149,915
3/4	13,470	3/4	28,669	3/4	43,861	3/4	59,047	3/4	74,247	3/4	89,447	3/4	104,647	3/4	119,843	3/4	135,037	3/4	150,232
11	13,786	11	28,986	11	44,177	11	59,364	11	74,564	11	89,764	11	104,963	11	120,160	11	135,354	11	150,548
1/4	14,103	1/4	29,302	1/4	44,493	1/4	59,681	1/4	74,880	1/4	90,080	1/4	105,280	1/4	120,476	1/4	135,670	1/4	150,865
1/2	14,420	1/2	29,619	1/2	44,809	1/2	59,997	1/2	75,197	1/2	90,397	1/2	105,597	1/2	120,793	1/2	135,987	1/2	151,181
3/4	14,736	3/4	29,935	3/4	45,125	3/4	60,314	3/4	75,514	3/4	90,713	3/4	105,913	3/4	121,109	3/4	136,304	3/4	151,498

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 TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 393"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	151,814	0	167,009	0	182,173	0	196,776	0	210,611	0		0		0		0		0	
1/4	152,131	1/4	167,325	1/4	182,485	1/4	197,071	1/4	210,921	1/4		1/4		1/4		1/4		1/4	
1/2	152,447	1/2	167,642	1/2	182,796	1/2	197,367	1/2	211,231	1/2		1/2		1/2		1/2		1/2	
3/4	152,764	3/4	167,958	3/4	183,108	3/4	197,662	3/4	211,541	3/4		3/4		3/4		3/4		3/4	
1	153,081	1	168,275	1	183,419	1	197,958	1	211,851	1		1		1		1		1	
1/4	153,397	1/4	168,591	1/4	183,730	1/4	198,251	1/4	212,164	1/4		1/4		1/4		1/4		1/4	
1/2	153,714	1/2	168,908	1/2	184,040	1/2	198,544	1/2	212,476	1/2		1/2		1/2		1/2		1/2	
3/4	154,030	3/4	169,224	3/4	184,350	3/4	198,837	3/4	212,789	3/4		3/4		3/4		3/4		3/4	
2	154,347	2	169,541	2	184,660	2	199,130	2	213,101	2		2		2		2		2	
1/4	154,663	1/4	169,858	1/4	184,969	1/4	199,422	1/4	213,414	1/4		1/4		1/4		1/4		1/4	
1/2	154,980	1/2	170,174	1/2	185,278	1/2	199,714	1/2	213,726	1/2		1/2		1/2		1/2		1/2	
3/4	155,296	3/4	170,491	3/4	185,587	3/4	200,005	3/4	214,038	3/4		3/4		3/4		3/4		3/4	
3	155,613	3	170,807	3	185,896	3	200,297	3	214,351	3		3		3		3		3	
1/4	155,929	1/4	171,124	1/4	186,204	1/4	200,587	1/4	214,663	1/4		1/4		1/4		1/4		1/4	
1/2	156,246	1/2	171,440	1/2	186,511	1/2	200,878	1/2	214,976	1/2		1/2		1/2		1/2		1/2	
3/4	156,563	3/4	171,757	3/4	186,819	3/4	201,168	3/4	215,288	3/4		3/4		3/4		3/4		3/4	
4	156,879	4	172,073	4	187,126	4	201,458	4	215,600	4		4		4		4		4	
1/4	157,196	1/4	172,390	1/4	187,433	1/4	201,747	1/4	215,913	1/4		1/4		1/4		1/4		1/4	
1/2	157,512	1/2	172,706	1/2	187,739	1/2	202,036	1/2	216,225	1/2		1/2		1/2		1/2		1/2	
3/4	157,829	3/4	173,023	3/4	188,045	3/4	202,325	3/4	216,538	3/4		3/4		3/4		3/4		3/4	
5	158,145	5	173,340	5	188,351	5	202,614	5	216,850	5		5		5		5		5	
1/4	158,462	1/4	173,656	1/4	188,656	1/4	202,902	1/4	217,157	1/4		1/4		1/4		1/4		1/4	
1/2	158,778	1/2	173,973	1/2	188,961	1/2	203,189	1/2	217,463	1/2		1/2		1/2		1/2		1/2	
3/4	159,095	3/4	174,289	3/4	189,266	3/4	203,477	3/4	217,770	3/4		3/4		3/4		3/4		3/4	
6	159,411	6	174,606	6	189,570	6	203,764	6	218,077	6		6		6		6		6	
1/4	159,728	1/4	174,922	1/4	189,874	1/4	204,051	1/4	218,342	1/4		1/4		1/4		1/4		1/4	
1/2	160,045	1/2	175,239	1/2	190,178	1/2	204,337	1/2	218,608	1/2		1/2		1/2		1/2		1/2	
3/4	160,361	3/4	175,555	3/4	190,481	3/4	204,623	3/4	218,873	3/4		3/4		3/4		3/4		3/4	
7	160,678	7	175,872	7	190,785	7	204,910	7	219,138	7		7		7		7		7	
1/4	160,994	1/4	176,189	1/4	191,087	1/4	205,195	1/4	219,353	1/4		1/4		1/4		1/4		1/4	
1/2	161,311	1/2	176,505	1/2	191,389	1/2	205,480	1/2	219,567	1/2		1/2		1/2		1/2		1/2	
3/4	161,627	3/4	176,822	3/4	191,692	3/4	205,765	3/4	219,782	3/4		3/4		3/4		3/4		3/4	
8	161,944	8	177,138	8	191,994	8	206,050	8	219,996	8		8		8		8		8	
1/4	162,260	1/4	177,454	1/4	192,295	1/4	206,333	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,577	1/2	177,771	1/2	192,595	1/2	206,617	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,894	3/4	178,087	3/4	192,896	3/4	206,901	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,210	9	178,403	9	193,197	9	207,185	9		9		9		9		9		9	
1/4	163,527	1/4	178,719	1/4	193,496	1/4	207,467	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,843	1/2	179,034	1/2	193,796	1/2	207,749	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,160	3/4	179,350	3/4	194,095	3/4	208,032	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,476	10	179,665	10	194,395	10	208,314	10		10		10		10		10		10	
1/4	164,793	1/4	179,980	1/4	194,693	1/4	208,595	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,109	1/2	180,294	1/2	194,991	1/2	208,876	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,426	3/4	180,608	3/4	195,290	3/4	209,157	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,742	11	180,922	11	195,588	11	209,438	11		11		11		11		11		11	
1/4	166,059	1/4	181,235	1/4	195,885	1/4	209,731	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,376	1/2	181,548	1/2	196,182	1/2	210,024	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,692	3/4	181,861	3/4	196,479	3/4	210,318	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/24/2014 CL
CALCULATED: 06/25/2014 CL
PRINTED: 06/25/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 393"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	899	0	15,098	0	30,343	0	45,539	0	60,733	0	75,979	0	91,224	0	106,470	0	121,711	0	136,951
1/4	1,077	1/4	15,416	1/4	30,661	1/4	45,854	1/4	61,051	1/4	76,296	1/4	91,542	1/4	106,787	1/4	122,028	1/4	137,268
1/2	1,256	1/2	15,733	1/2	30,978	1/2	46,170	1/2	61,369	1/2	76,614	1/2	91,859	1/2	107,105	1/2	122,346	1/2	137,586
3/4	1,435	3/4	16,051	3/4	31,296	3/4	46,485	3/4	61,686	3/4	76,932	3/4	92,177	3/4	107,422	3/4	122,663	3/4	137,903
1	1,614	1	16,369	1	31,613	1	46,801	1	62,004	1	77,249	1	92,495	1	107,740	1	122,981	1	138,221
1/4	1,845	1/4	16,686	1/4	31,931	1/4	47,116	1/4	62,321	1/4	77,567	1/4	92,812	1/4	108,058	1/4	123,298	1/4	138,538
1/2	2,077	1/2	17,004	1/2	32,249	1/2	47,432	1/2	62,639	1/2	77,884	1/2	93,130	1/2	108,375	1/2	123,616	1/2	138,856
3/4	2,308	3/4	17,321	3/4	32,566	3/4	47,747	3/4	62,957	3/4	78,202	3/4	93,447	3/4	108,693	3/4	123,933	3/4	139,173
2	2,540	2	17,639	2	32,884	2	48,063	2	63,274	2	78,520	2	93,765	2	109,011	2	124,251	2	139,491
1/4	2,824	1/4	17,959	1/4	33,201	1/4	48,378	1/4	63,592	1/4	78,837	1/4	94,083	1/4	109,328	1/4	124,568	1/4	139,808
1/2	3,109	1/2	18,276	1/2	33,519	1/2	48,693	1/2	63,909	1/2	79,155	1/2	94,400	1/2	109,646	1/2	124,886	1/2	140,126
3/4	3,393	3/4	18,593	3/4	33,837	3/4	49,009	3/4	64,227	3/4	79,472	3/4	94,718	3/4	109,963	3/4	125,203	3/4	140,443
3	3,678	3	18,909	3	34,154	3	49,324	3	64,545	3	79,790	3	95,036	3	110,281	3	125,521	3	140,761
1/4	3,992	1/4	19,227	1/4	34,472	1/4	49,640	1/4	64,862	1/4	80,108	1/4	95,353	1/4	110,598	1/4	125,838	1/4	141,078
1/2	4,306	1/2	19,545	1/2	34,789	1/2	49,955	1/2	65,180	1/2	80,425	1/2	95,671	1/2	110,916	1/2	126,156	1/2	141,396
3/4	4,621	3/4	19,862	3/4	35,107	3/4	50,271	3/4	65,497	3/4	80,743	3/4	95,988	3/4	111,234	3/4	126,473	3/4	141,713
4	4,935	4	20,180	4	35,425	4	50,586	4	65,815	4	81,061	4	96,306	4	111,551	4	126,791	4	142,031
1/4	5,253	1/4	20,497	1/4	35,742	1/4	50,901	1/4	66,133	1/4	81,378	1/4	96,624	1/4	111,868	1/4	127,108	1/4	142,348
1/2	5,570	1/2	20,815	1/2	36,060	1/2	51,217	1/2	66,450	1/2	81,696	1/2	96,941	1/2	112,186	1/2	127,426	1/2	142,666
3/4	5,888	3/4	21,133	3/4	36,377	3/4	51,532	3/4	66,768	3/4	82,013	3/4	97,259	3/4	112,503	3/4	127,743	3/4	142,983
5	6,205	5	21,450	5	36,695	5	51,848	5	67,086	5	82,331	5	97,576	5	112,821	5	128,061	5	143,301
1/4	6,523	1/4	21,768	1/4	37,013	1/4	52,164	1/4	67,403	1/4	82,649	1/4	97,894	1/4	113,138	1/4	128,378	1/4	143,618
1/2	6,841	1/2	22,085	1/2	37,330	1/2	52,480	1/2	67,721	1/2	82,966	1/2	98,212	1/2	113,456	1/2	128,696	1/2	143,936
3/4	7,158	3/4	22,403	3/4	37,648	3/4	52,795	3/4	68,038	3/4	83,284	3/4	98,529	3/4	113,773	3/4	129,013	3/4	144,253
6	7,476	6	22,721	6	37,965	6	53,111	6	68,356	6	83,601	6	98,847	6	114,091	6	129,331	6	144,571
1/4	7,791	1/4	23,038	1/4	38,282	1/4	53,429	1/4	68,674	1/4	83,919	1/4	99,164	1/4	114,408	1/4	129,648	1/4	144,888
1/2	8,110	1/2	23,356	1/2	38,598	1/2	53,746	1/2	68,991	1/2	84,237	1/2	99,482	1/2	114,726	1/2	129,966	1/2	145,206
3/4	8,428	3/4	23,673	3/4	38,914	3/4	54,064	3/4	69,309	3/4	84,554	3/4	99,800	3/4	115,043	3/4	130,283	3/4	145,523
7	8,746	7	23,991	7	39,230	7	54,381	7	69,626	7	84,872	7	100,117	7	115,361	7	130,601	7	145,841
1/4	9,064	1/4	24,309	1/4	39,546	1/4	54,699	1/4	69,944	1/4	85,190	1/4	100,435	1/4	115,678	1/4	130,918	1/4	146,158
1/2	9,381	1/2	24,626	1/2	39,861	1/2	55,016	1/2	70,262	1/2	85,507	1/2	100,753	1/2	115,996	1/2	131,236	1/2	146,476
3/4	9,699	3/4	24,944	3/4	40,177	3/4	55,334	3/4	70,579	3/4	85,825	3/4	101,070	3/4	116,313	3/4	131,553	3/4	146,793
8	10,017	8	25,261	8	40,492	8	55,651	8	70,897	8	86,142	8	101,388	8	116,631	8	131,871	8	147,111
1/4	10,334	1/4	25,579	1/4	40,807	1/4	55,969	1/4	71,215	1/4	86,460	1/4	101,705	1/4	116,949	1/4	132,188	1/4	147,428
1/2	10,652	1/2	25,897	1/2	41,123	1/2	56,287	1/2	71,532	1/2	86,778	1/2	102,023	1/2	117,266	1/2	132,506	1/2	147,746
3/4	10,969	3/4	26,214	3/4	41,438	3/4	56,604	3/4	71,850	3/4	87,095	3/4	102,341	3/4	117,584	3/4	132,823	3/4	148,063
9	11,287	9	26,532	9	41,754	9	56,922	9	72,167	9	87,413	9	102,658	9	117,901	9	133,141	9	148,381
1/4	11,605	1/4	26,849	1/4	42,069	1/4	57,240	1/4	72,485	1/4	87,730	1/4	102,976	1/4	118,218	1/4	133,458	1/4	148,698
1/2	11,922	1/2	27,167	1/2	42,385	1/2	57,557	1/2	72,803	1/2	88,048	1/2	103,293	1/2	118,536	1/2	133,776	1/2	149,016
3/4	12,240	3/4	27,485	3/4	42,700	3/4	57,875	3/4	73,120	3/4	88,366	3/4	103,611	3/4	118,853	3/4	134,093	3/4	149,333
10	12,557	10	27,802	10	43,016	10	58,192	10	73,438	10	88,683	10	103,929	10	119,171	10	134,411	10	149,651
1/4	12,875	1/4	28,120	1/4	43,331	1/4	58,510	1/4	73,755	1/4	89,001	1/4	104,246	1/4	119,488	1/4	134,728	1/4	149,968
1/2	13,193	1/2	28,437	1/2	43,646	1/2	58,828	1/2	74,073	1/2	89,318	1/2	104,564	1/2	119,806	1/2	135,046	1/2	150,286
3/4	13,510	3/4	28,755	3/4	43,962	3/4	59,145	3/4	74,391	3/4	89,636	3/4	104,882	3/4	120,123	3/4	135,363	3/4	150,603
11	13,828	11	29,073	11	44,277	11	59,463	11	74,708	11	89,954	11	105,199	11	120,441	11	135,681	11	150,921
1/4	14,145	1/4	29,390	1/4	44,593	1/4	59,780	1/4	75,026	1/4	90,271	1/4	105,517	1/4	120,758	1/4	135,998	1/4	151,238
1/2	14,463	1/2	29,708	1/2	44,908	1/2	60,098	1/2	75,343	1/2	90,589	1/2	105,834	1/2	121,076	1/2	136,316	1/2	151,555
3/4	14,781	3/4	30,025	3/4	45,224	3/4	60,416	3/4	75,661	3/4	90,907	3/4	106,152	3/4	121,393	3/4	136,633	3/4	151,873

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 TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 393"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	152,190	0	167,430	0	182,641	0	197,287	0	211,164	0		0		0		0		0	
1/4	152,508	1/4	167,748	1/4	182,954	1/4	197,584	1/4	211,475	1/4		1/4		1/4		1/4		1/4	
1/2	152,825	1/2	168,065	1/2	183,266	1/2	197,880	1/2	211,786	1/2		1/2		1/2		1/2		1/2	
3/4	153,143	3/4	168,383	3/4	183,578	3/4	198,177	3/4	212,098	3/4		3/4		3/4		3/4		3/4	
1	153,460	1	168,700	1	183,891	1	198,473	1	212,409	1		1		1		1		1	
1/4	153,778	1/4	169,018	1/4	184,202	1/4	198,767	1/4	212,722	1/4		1/4		1/4		1/4		1/4	
1/2	154,095	1/2	169,335	1/2	184,513	1/2	199,061	1/2	213,035	1/2		1/2		1/2		1/2		1/2	
3/4	154,413	3/4	169,653	3/4	184,824	3/4	199,355	3/4	213,349	3/4		3/4		3/4		3/4		3/4	
2	154,730	2	169,970	2	185,135	2	199,649	2	213,662	2		2		2		2		2	
1/4	155,048	1/4	170,288	1/4	185,445	1/4	199,941	1/4	213,975	1/4		1/4		1/4		1/4		1/4	
1/2	155,365	1/2	170,605	1/2	185,755	1/2	200,234	1/2	214,289	1/2		1/2		1/2		1/2		1/2	
3/4	155,683	3/4	170,923	3/4	186,065	3/4	200,527	3/4	214,602	3/4		3/4		3/4		3/4		3/4	
3	156,000	3	171,240	3	186,375	3	200,819	3	214,916	3		3		3		3		3	
1/4	156,318	1/4	171,558	1/4	186,684	1/4	201,110	1/4	215,229	1/4		1/4		1/4		1/4		1/4	
1/2	156,635	1/2	171,875	1/2	186,992	1/2	201,402	1/2	215,542	1/2		1/2		1/2		1/2		1/2	
3/4	156,953	3/4	172,193	3/4	187,301	3/4	201,693	3/4	215,856	3/4		3/4		3/4		3/4		3/4	
4	157,270	4	172,510	4	187,609	4	201,984	4	216,169	4		4		4		4		4	
1/4	157,588	1/4	172,828	1/4	187,916	1/4	202,274	1/4	216,482	1/4		1/4		1/4		1/4		1/4	
1/2	157,905	1/2	173,145	1/2	188,223	1/2	202,564	1/2	216,796	1/2		1/2		1/2		1/2		1/2	
3/4	158,223	3/4	173,463	3/4	188,530	3/4	202,854	3/4	217,109	3/4		3/4		3/4		3/4		3/4	
5	158,540	5	173,780	5	188,837	5	203,143	5	217,423	5		5		5		5		5	
1/4	158,858	1/4	174,098	1/4	189,143	1/4	203,432	1/4	217,730	1/4		1/4		1/4		1/4		1/4	
1/2	159,175	1/2	174,415	1/2	189,449	1/2	203,720	1/2	218,038	1/2		1/2		1/2		1/2		1/2	
3/4	159,493	3/4	174,733	3/4	189,755	3/4	204,009	3/4	218,345	3/4		3/4		3/4		3/4		3/4	
6	159,810	6	175,050	6	190,060	6	204,297	6	218,653	6		6		6		6		6	
1/4	160,128	1/4	175,368	1/4	190,365	1/4	204,584	1/4	218,919	1/4		1/4		1/4		1/4		1/4	
1/2	160,445	1/2	175,685	1/2	190,670	1/2	204,871	1/2	219,185	1/2		1/2		1/2		1/2		1/2	
3/4	160,763	3/4	176,003	3/4	190,974	3/4	205,159	3/4	219,451	3/4		3/4		3/4		3/4		3/4	
7	161,080	7	176,320	7	191,279	7	205,446	7	219,717	7		7		7		7		7	
1/4	161,398	1/4	176,638	1/4	191,582	1/4	205,732	1/4	219,933	1/4		1/4		1/4		1/4		1/4	
1/2	161,715	1/2	176,955	1/2	191,885	1/2	206,017	1/2	220,148	1/2		1/2		1/2		1/2		1/2	
3/4	162,033	3/4	177,273	3/4	192,188	3/4	206,303	3/4	220,363	3/4		3/4		3/4		3/4		3/4	
8	162,350	8	177,590	8	192,491	8	206,589	8	220,578	8		8		8		8		8	
1/4	162,668	1/4	177,907	1/4	192,793	1/4	206,874	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,985	1/2	178,225	1/2	193,094	1/2	207,158	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,303	3/4	178,542	3/4	193,396	3/4	207,443	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,620	9	178,860	9	193,698	9	207,728	9		9		9		9		9		9	
1/4	163,938	1/4	179,176	1/4	193,998	1/4	208,011	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,255	1/2	179,493	1/2	194,299	1/2	208,294	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,573	3/4	179,809	3/4	194,599	3/4	208,577	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,890	10	180,126	10	194,899	10	208,861	10		10		10		10		10		10	
1/4	165,208	1/4	180,441	1/4	195,198	1/4	209,143	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,525	1/2	180,756	1/2	195,498	1/2	209,424	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,843	3/4	181,071	3/4	195,797	3/4	209,706	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,160	11	181,386	11	196,096	11	209,988	11		11		11		11		11		11	
1/4	166,478	1/4	181,700	1/4	196,394	1/4	210,282	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,795	1/2	182,014	1/2	196,692	1/2	210,576	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,113	3/4	182,327	3/4	196,989	3/4	210,870	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/24/2014 CL
CALCULATED: 06/25/2014 CL
PRINTED: 06/25/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 393"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	899	0	15,100	0	30,347	0	45,584	0	60,820	0	76,068	0	91,315	0	106,562	0	121,805	0	137,047
1/4	1,078	1/4	15,418	1/4	30,664	1/4	45,901	1/4	61,138	1/4	76,385	1/4	91,633	1/4	106,880	1/4	122,123	1/4	137,365
1/2	1,256	1/2	15,735	1/2	30,982	1/2	46,218	1/2	61,456	1/2	76,703	1/2	91,950	1/2	107,198	1/2	122,440	1/2	137,682
3/4	1,435	3/4	16,053	3/4	31,300	3/4	46,535	3/4	61,773	3/4	77,021	3/4	92,268	3/4	107,515	3/4	122,758	3/4	138,000
1	1,614	1	16,371	1	31,617	1	46,852	1	62,091	1	77,338	1	92,586	1	107,833	1	123,076	1	138,317
1/4	1,845	1/4	16,688	1/4	31,935	1/4	47,169	1/4	62,409	1/4	77,656	1/4	92,903	1/4	108,151	1/4	123,393	1/4	138,635
1/2	2,077	1/2	17,006	1/2	32,253	1/2	47,486	1/2	62,726	1/2	77,974	1/2	93,221	1/2	108,468	1/2	123,711	1/2	138,952
3/4	2,308	3/4	17,323	3/4	32,570	3/4	47,804	3/4	63,044	3/4	78,291	3/4	93,539	3/4	108,786	3/4	124,028	3/4	139,270
2	2,540	2	17,641	2	32,888	2	48,121	2	63,362	2	78,609	2	93,856	2	109,103	2	124,346	2	139,587
1/4	2,825	1/4	17,961	1/4	33,205	1/4	48,438	1/4	63,679	1/4	78,927	1/4	94,174	1/4	109,421	1/4	124,663	1/4	139,905
1/2	3,109	1/2	18,278	1/2	33,523	1/2	48,755	1/2	63,997	1/2	79,244	1/2	94,491	1/2	109,739	1/2	124,981	1/2	140,222
3/4	3,394	3/4	18,595	3/4	33,841	3/4	49,072	3/4	64,315	3/4	79,562	3/4	94,809	3/4	110,056	3/4	125,298	3/4	140,540
3	3,678	3	18,912	3	34,158	3	49,389	3	64,632	3	79,879	3	95,127	3	110,374	3	125,616	3	140,857
1/4	3,993	1/4	19,229	1/4	34,476	1/4	49,706	1/4	64,950	1/4	80,197	1/4	95,444	1/4	110,692	1/4	125,933	1/4	141,175
1/2	4,307	1/2	19,547	1/2	34,794	1/2	50,023	1/2	65,267	1/2	80,515	1/2	95,762	1/2	111,009	1/2	126,251	1/2	141,493
3/4	4,621	3/4	19,865	3/4	35,111	3/4	50,341	3/4	65,585	3/4	80,832	3/4	96,080	3/4	111,327	3/4	126,568	3/4	141,810
4	4,936	4	20,182	4	35,429	4	50,658	4	65,903	4	81,150	4	96,397	4	111,644	4	126,886	4	142,128
1/4	5,253	1/4	20,500	1/4	35,747	1/4	50,975	1/4	66,220	1/4	81,468	1/4	96,715	1/4	111,962	1/4	127,203	1/4	142,445
1/2	5,571	1/2	20,818	1/2	36,064	1/2	51,292	1/2	66,538	1/2	81,785	1/2	97,033	1/2	112,279	1/2	127,521	1/2	142,763
3/4	5,888	3/4	21,135	3/4	36,382	3/4	51,609	3/4	66,856	3/4	82,103	3/4	97,350	3/4	112,597	3/4	127,839	3/4	143,080
5	6,206	5	21,453	5	36,699	5	51,926	5	67,173	5	82,421	5	97,668	5	112,914	5	128,156	5	143,398
1/4	6,524	1/4	21,770	1/4	37,017	1/4	52,244	1/4	67,491	1/4	82,738	1/4	97,986	1/4	113,232	1/4	128,474	1/4	143,715
1/2	6,841	1/2	22,088	1/2	37,335	1/2	52,561	1/2	67,809	1/2	83,056	1/2	98,303	1/2	113,549	1/2	128,791	1/2	144,033
3/4	7,159	3/4	22,406	3/4	37,652	3/4	52,879	3/4	68,126	3/4	83,374	3/4	98,621	3/4	113,867	3/4	129,109	3/4	144,350
6	7,477	6	22,723	6	37,970	6	53,197	6	68,444	6	83,691	6	98,939	6	114,185	6	129,426	6	144,668
1/4	7,792	1/4	23,041	1/4	38,288	1/4	53,514	1/4	68,762	1/4	84,009	1/4	99,256	1/4	114,502	1/4	129,744	1/4	144,985
1/2	8,111	1/2	23,359	1/2	38,605	1/2	53,832	1/2	69,079	1/2	84,327	1/2	99,574	1/2	114,820	1/2	130,061	1/2	145,303
3/4	8,429	3/4	23,676	3/4	38,923	3/4	54,150	3/4	69,397	3/4	84,644	3/4	99,892	3/4	115,137	3/4	130,379	3/4	145,620
7	8,747	7	23,994	7	39,241	7	54,467	7	69,715	7	84,962	7	100,209	7	115,455	7	130,696	7	145,938
1/4	9,065	1/4	24,312	1/4	39,558	1/4	54,785	1/4	70,032	1/4	85,280	1/4	100,527	1/4	115,772	1/4	131,014	1/4	146,256
1/2	9,382	1/2	24,629	1/2	39,875	1/2	55,103	1/2	70,350	1/2	85,597	1/2	100,845	1/2	116,090	1/2	131,331	1/2	146,573
3/4	9,700	3/4	24,947	3/4	40,192	3/4	55,420	3/4	70,668	3/4	85,915	3/4	101,162	3/4	116,407	3/4	131,649	3/4	146,891
8	10,018	8	25,264	8	40,509	8	55,738	8	70,985	8	86,233	8	101,480	8	116,725	8	131,967	8	147,208
1/4	10,335	1/4	25,582	1/4	40,827	1/4	56,056	1/4	71,303	1/4	86,550	1/4	101,797	1/4	117,042	1/4	132,284	1/4	147,526
1/2	10,653	1/2	25,900	1/2	41,144	1/2	56,373	1/2	71,621	1/2	86,868	1/2	102,115	1/2	117,360	1/2	132,602	1/2	147,843
3/4	10,971	3/4	26,217	3/4	41,461	3/4	56,691	3/4	71,938	3/4	87,185	3/4	102,433	3/4	117,677	3/4	132,919	3/4	148,161
9	11,288	9	26,535	9	41,778	9	57,008	9	72,256	9	87,503	9	102,750	9	117,995	9	133,237	9	148,478
1/4	11,606	1/4	26,853	1/4	42,095	1/4	57,326	1/4	72,573	1/4	87,821	1/4	103,068	1/4	118,313	1/4	133,554	1/4	148,796
1/2	11,924	1/2	27,170	1/2	42,412	1/2	57,644	1/2	72,891	1/2	88,138	1/2	103,386	1/2	118,630	1/2	133,872	1/2	149,113
3/4	12,241	3/4	27,488	3/4	42,729	3/4	57,961	3/4	73,209	3/4	88,456	3/4	103,703	3/4	118,948	3/4	134,189	3/4	149,431
10	12,559	10	27,806	10	43,046	10	58,279	10	73,526	10	88,774	10	104,021	10	119,265	10	134,507	10	149,748
1/4	12,877	1/4	28,123	1/4	43,364	1/4	58,597	1/4	73,844	1/4	89,091	1/4	104,339	1/4	119,583	1/4	134,824	1/4	150,066
1/2	13,194	1/2	28,441	1/2	43,681	1/2	58,914	1/2	74,162	1/2	89,409	1/2	104,656	1/2	119,900	1/2	135,142	1/2	150,384
3/4	13,512	3/4	28,758	3/4	43,998	3/4	59,232	3/4	74,479	3/4	89,727	3/4	104,974	3/4	120,218	3/4	135,459	3/4	150,701
11	13,829	11	29,076	11	44,315	11	59,550	11	74,797	11	90,044	11	105,292	11	120,535	11	135,777	11	151,019
1/4	14,147	1/4	29,394	1/4	44,632	1/4	59,867	1/4	75,115	1/4	90,362	1/4	105,609	1/4	120,853	1/4	136,094	1/4	151,336
1/2	14,465	1/2	29,711	1/2	44,949	1/2	60,185	1/2	75,432	1/2	90,680	1/2	105,927	1/2	121,170	1/2	136,412	1/2	151,654
3/4	14,782	3/4	30,029	3/4	45,266	3/4	60,503	3/4	75,750	3/4	90,997	3/4	106,245	3/4	121,488	3/4	136,730	3/4	151,971

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 TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 393"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	152,289	0	167,530	0	182,743	0	197,391	0	211,270	0		0		0		0		0	
1/4	152,606	1/4	167,848	1/4	183,056	1/4	197,688	1/4	211,581	1/4		1/4		1/4		1/4		1/4	
1/2	152,924	1/2	168,165	1/2	183,368	1/2	197,984	1/2	211,892	1/2		1/2		1/2		1/2		1/2	
3/4	153,241	3/4	168,483	3/4	183,680	3/4	198,281	3/4	212,204	3/4		3/4		3/4		3/4		3/4	
1	153,559	1	168,801	1	183,993	1	198,577	1	212,515	1		1		1		1		1	
1/4	153,876	1/4	169,118	1/4	184,304	1/4	198,871	1/4	212,828	1/4		1/4		1/4		1/4		1/4	
1/2	154,194	1/2	169,436	1/2	184,615	1/2	199,165	1/2	213,142	1/2		1/2		1/2		1/2		1/2	
3/4	154,511	3/4	169,753	3/4	184,927	3/4	199,459	3/4	213,455	3/4		3/4		3/4		3/4		3/4	
2	154,829	2	170,071	2	185,238	2	199,753	2	213,768	2		2		2		2		2	
1/4	155,147	1/4	170,388	1/4	185,548	1/4	200,046	1/4	214,082	1/4		1/4		1/4		1/4		1/4	
1/2	155,464	1/2	170,706	1/2	185,858	1/2	200,338	1/2	214,395	1/2		1/2		1/2		1/2		1/2	
3/4	155,782	3/4	171,023	3/4	186,168	3/4	200,631	3/4	214,709	3/4		3/4		3/4		3/4		3/4	
3	156,099	3	171,341	3	186,478	3	200,923	3	215,022	3		3		3		3		3	
1/4	156,417	1/4	171,658	1/4	186,786	1/4	201,215	1/4	215,335	1/4		1/4		1/4		1/4		1/4	
1/2	156,734	1/2	171,976	1/2	187,095	1/2	201,506	1/2	215,649	1/2		1/2		1/2		1/2		1/2	
3/4	157,052	3/4	172,293	3/4	187,403	3/4	201,797	3/4	215,962	3/4		3/4		3/4		3/4		3/4	
4	157,369	4	172,611	4	187,712	4	202,089	4	216,276	4		4		4		4		4	
1/4	157,687	1/4	172,928	1/4	188,019	1/4	202,379	1/4	216,589	1/4		1/4		1/4		1/4		1/4	
1/2	158,004	1/2	173,246	1/2	188,326	1/2	202,668	1/2	216,902	1/2		1/2		1/2		1/2		1/2	
3/4	158,322	3/4	173,564	3/4	188,633	3/4	202,958	3/4	217,216	3/4		3/4		3/4		3/4		3/4	
5	158,639	5	173,881	5	188,940	5	203,248	5	217,529	5		5		5		5		5	
1/4	158,957	1/4	174,199	1/4	189,246	1/4	203,537	1/4	217,837	1/4		1/4		1/4		1/4		1/4	
1/2	159,274	1/2	174,516	1/2	189,552	1/2	203,825	1/2	218,145	1/2		1/2		1/2		1/2		1/2	
3/4	159,592	3/4	174,834	3/4	189,858	3/4	204,114	3/4	218,452	3/4		3/4		3/4		3/4		3/4	
6	159,910	6	175,151	6	190,163	6	204,402	6	218,760	6		6		6		6		6	
1/4	160,227	1/4	175,469	1/4	190,468	1/4	204,689	1/4	219,026	1/4		1/4		1/4		1/4		1/4	
1/2	160,545	1/2	175,786	1/2	190,773	1/2	204,976	1/2	219,292	1/2		1/2		1/2		1/2		1/2	
3/4	160,862	3/4	176,104	3/4	191,077	3/4	205,264	3/4	219,559	3/4		3/4		3/4		3/4		3/4	
7	161,180	7	176,421	7	191,382	7	205,551	7	219,825	7		7		7		7		7	
1/4	161,497	1/4	176,739	1/4	191,685	1/4	205,837	1/4	220,040	1/4		1/4		1/4		1/4		1/4	
1/2	161,815	1/2	177,056	1/2	191,988	1/2	206,123	1/2	220,255	1/2		1/2		1/2		1/2		1/2	
3/4	162,132	3/4	177,374	3/4	192,291	3/4	206,409	3/4	220,470	3/4		3/4		3/4		3/4		3/4	
8	162,450	8	177,692	8	192,594	8	206,694	8	220,685	8		8		8		8		8	
1/4	162,767	1/4	178,009	1/4	192,896	1/4	206,979	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,085	1/2	178,326	1/2	193,198	1/2	207,264	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,402	3/4	178,644	3/4	193,499	3/4	207,548	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,720	9	178,961	9	193,801	9	207,833	9		9		9		9		9		9	
1/4	164,038	1/4	179,278	1/4	194,102	1/4	208,116	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,355	1/2	179,594	1/2	194,402	1/2	208,400	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,673	3/4	179,911	3/4	194,702	3/4	208,683	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,990	10	180,227	10	195,003	10	208,966	10		10		10		10		10		10	
1/4	165,308	1/4	180,542	1/4	195,302	1/4	209,248	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,625	1/2	180,858	1/2	195,601	1/2	209,530	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,943	3/4	181,173	3/4	195,900	3/4	209,812	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,260	11	181,488	11	196,200	11	210,094	11		11		11		11		11		11	
1/4	166,578	1/4	181,802	1/4	196,497	1/4	210,388	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,895	1/2	182,116	1/2	196,795	1/2	210,682	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,213	3/4	182,429	3/4	197,093	3/4	210,976	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/24/2014 CL
CALCULATED: 06/25/2014 CL
PRINTED: 06/25/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
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BARGE "CBC 393"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 PORT	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8
3 STBD	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

June 25, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

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 Pearland, Texas 77588

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BARGE "CBC 393"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	176,932	0	169,963	0	162,212	0	154,093	0	145,614	0	130,591	0	115,525	0	100,422		
1/4	1/4	1/4	176,795	1/4	169,810	1/4	162,043	1/4	153,924	1/4	145,301	1/4	130,277	1/4	115,210	1/4	100,107		
1/2	1/2	183,607	176,658	1/2	169,656	1/2	161,874	1/2	153,755	1/2	144,987	1/2	129,963	1/2	114,894	1/2	99,793		
3/4	3/4	183,538	176,520	3/4	169,501	3/4	161,705	3/4	153,586	3/4	144,674	3/4	129,649	3/4	114,580	3/4	99,478		
1	1	183,470	176,382	1	169,346	1	161,536	1	153,417	1	144,361	1	129,335	1	114,265	1	99,164		
1/4	1/4	183,401	176,243	1/4	169,192	1/4	161,366	1/4	153,247	1/4	144,048	1/4	129,021	1/4	113,950	1/4	98,849		
1/2	1/2	183,332	176,105	1/2	169,037	1/2	161,197	1/2	153,078	1/2	143,734	1/2	128,707	1/2	113,636	1/2	98,534		
3/4	3/4	183,211	175,965	3/4	168,880	3/4	161,028	3/4	152,909	3/4	143,421	3/4	128,393	3/4	113,321	3/4	98,220		
2	2	183,091	175,826	2	168,724	2	160,859	2	152,740	2	143,108	2	128,080	2	113,007	2	97,905		
1/4	1/4	182,971	175,686	1/4	168,568	1/4	160,690	1/4	152,571	1/4	142,795	1/4	127,766	1/4	112,692	1/4	97,590		
1/2	1/2	182,851	175,546	1/2	168,412	1/2	160,521	1/2	152,402	1/2	142,481	1/2	127,452	1/2	112,377	1/2	97,276		
3/4	3/4	182,690	175,406	3/4	168,254	3/4	160,352	3/4	152,233	3/4	142,168	3/4	127,139	3/4	112,063	3/4	96,961		
3	3	182,529	175,265	3	168,097	3	160,182	3	152,063	3	141,855	3	126,825	3	111,748	3	96,646		
1/4	1/4	182,367	175,124	1/4	167,939	1/4	160,013	1/4	151,894	1/4	141,542	1/4	126,511	1/4	111,434	1/4	96,332		
1/2	1/2	182,206	174,983	1/2	167,782	1/2	159,844	1/2	151,725	1/2	141,228	1/2	126,197	1/2	111,119	1/2	96,017		
3/4	3/4	182,039	174,841	3/4	167,623	3/4	159,675	3/4	151,556	3/4	140,915	3/4	125,884	3/4	110,804	3/4	95,703		
4	4	181,872	174,698	4	167,464	4	159,506	4	151,387	4	140,602	4	125,570	4	110,489	4	95,388		
1/4	1/4	181,705	174,556	1/4	167,305	1/4	159,337	1/4	151,218	1/4	140,289	1/4	125,256	1/4	110,174	1/4	95,073		
1/2	1/2	181,538	174,414	1/2	167,146	1/2	159,168	1/2	151,049	1/2	139,975	1/2	124,943	1/2	109,861	1/2	94,759		
3/4	3/4	181,371	174,270	3/4	166,986	3/4	158,998	3/4	150,879	3/4	139,662	3/4	124,629	3/4	109,546	3/4	94,444		
5	5	181,205	174,126	5	166,826	5	158,829	5	150,710	5	139,349	5	124,315	5	109,232	5	94,129		
1/4	1/4	181,038	173,983	1/4	166,666	1/4	158,660	1/4	150,541	1/4	139,036	1/4	124,001	1/4	108,917	1/4	93,815		
1/2	1/2	180,871	173,839	1/2	166,506	1/2	158,491	1/2	150,372	1/2	138,723	1/2	123,688	1/2	108,603	1/2	93,500		
3/4	3/4	180,704	173,694	3/4	166,344	3/4	158,322	3/4	150,203	3/4	138,410	3/4	123,374	3/4	108,288	3/4	93,185		
6	6	180,537	173,549	6	166,182	6	158,153	6	150,034	6	138,097	6	123,060	6	107,973	6	92,871		
1/4	1/4	180,370	173,404	1/4	166,021	1/4	157,984	1/4	149,865	1/4	137,785	1/4	122,746	1/4	107,659	1/4	92,556		
1/2	1/2	180,203	173,259	1/2	165,859	1/2	157,814	1/2	149,695	1/2	137,472	1/2	122,433	1/2	107,344	1/2	92,242		
3/4	3/4	180,036	173,113	3/4	165,696	3/4	157,645	3/4	149,526	3/4	137,160	3/4	122,119	3/4	107,029	3/4	91,927		
7	7	179,869	172,967	7	165,533	7	157,476	7	149,357	7	136,847	7	121,805	7	106,715	7	91,612		
1/4	1/4	179,702	172,820	1/4	165,371	1/4	157,307	1/4	149,188	1/4	136,534	1/4	121,491	1/4	106,400	1/4	91,298		
1/2	1/2	179,535	172,674	1/2	165,208	1/2	157,138	1/2	149,019	1/2	136,222	1/2	121,178	1/2	106,086	1/2	90,983		
3/4	3/4	179,371	172,526	3/4	165,044	3/4	156,969	3/4	148,850	3/4	135,909	3/4	120,864	3/4	105,771	3/4	90,668		
8	8	179,206	172,377	8	164,879	8	156,800	8	148,681	8	135,597	8	120,550	8	105,456	8	90,354		
1/4	1/4	179,041	172,229	1/4	164,715	1/4	156,630	1/4	148,511	1/4	135,284	1/4	120,236	1/4	105,142	1/4	90,039		
1/2	1/2	178,876	172,081	1/2	164,551	1/2	156,461	1/2	148,342	1/2	134,971	1/2	119,921	1/2	104,827	1/2	89,724		
3/4	3/4	178,729	171,931	3/4	164,386	3/4	156,292	3/4	148,173	3/4	134,659	3/4	119,607	3/4	104,512	3/4	89,410		
9	9	178,581	171,782	9	164,220	9	156,123	9	148,004	9	134,346	9	119,293	9	104,198	9	89,095		
1/4	1/4	178,434	171,632	1/4	164,055	1/4	155,954	1/4	147,835	1/4	134,034	1/4	118,979	1/4	103,883	1/4	88,781		
1/2	1/2	178,287	171,482	1/2	163,890	1/2	155,785	1/2	147,666	1/2	133,721	1/2	118,665	1/2	103,568	1/2	88,466		
3/4	3/4	178,152	171,331	3/4	163,723	3/4	155,616	3/4	147,497	3/4	133,408	3/4	118,351	3/4	103,254	3/4	88,151		
10	10	178,018	171,180	10	163,556	10	155,446	10	147,327	10	133,096	10	118,037	10	102,939	10	87,837		
1/4	1/4	177,884	171,030	1/4	163,389	1/4	155,277	1/4	147,158	1/4	132,783	1/4	117,723	1/4	102,625	1/4	87,522		
1/2	1/2	177,749	170,879	1/2	163,222	1/2	155,108	1/2	146,989	1/2	132,471	1/2	117,409	1/2	102,310	1/2	87,207		
3/4	3/4	177,614	170,726	3/4	163,054	3/4	154,939	3/4	146,802	3/4	132,158	3/4	117,095	3/4	101,995	3/4	86,893		
11	11	177,478	170,574	11	162,886	11	154,770	11	146,615	11	131,845	11	116,781	11	101,681	11	86,578		
1/4	1/4	177,342	170,422	1/4	162,718	1/4	154,601	1/4	146,428	1/4	131,532	1/4	116,467	1/4	101,366	1/4	86,263		
1/2	1/2	177,207	170,270	1/2	162,550	1/2	154,432	1/2	146,240	1/2	131,219	1/2	116,153	1/2	101,051	1/2	85,949		
3/4	3/4	177,070	170,117	3/4	162,381	3/4	154,262	3/4	145,927	3/4	130,905	3/4	115,839	3/4	100,737	3/4	85,634		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 393"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	85,320	0	70,214	0	55,166	0	40,493	0	25,670	0	10,559	0		0		0		0	
1/4	85,005	1/4	69,899	1/4	54,854	1/4	40,193	1/4	25,355	1/4	10,245	1/4		1/4		1/4		1/4	
1/2	84,690	1/2	69,584	1/2	54,542	1/2	39,892	1/2	25,040	1/2	9,930	1/2		1/2		1/2		1/2	
3/4	84,376	3/4	69,269	3/4	54,229	3/4	39,591	3/4	24,725	3/4	9,615	3/4		3/4		3/4		3/4	
1	84,061	1	68,955	1	53,917	1	39,291	1	24,410	1	9,300	1		1		1		1	
1/4	83,746	1/4	68,640	1/4	53,605	1/4	38,990	1/4	24,096	1/4	8,985	1/4		1/4		1/4		1/4	
1/2	83,431	1/2	68,325	1/2	53,293	1/2	38,689	1/2	23,781	1/2	8,671	1/2		1/2		1/2		1/2	
3/4	83,117	3/4	68,011	3/4	52,981	3/4	38,389	3/4	23,466	3/4	8,355	3/4		3/4		3/4		3/4	
2	82,802	2	67,696	2	52,669	2	38,088	2	23,151	2	8,040	2		2		2		2	
1/4	82,487	1/4	67,381	1/4	52,357	1/4	37,787	1/4	22,836	1/4	7,724	1/4		1/4		1/4		1/4	
1/2	82,173	1/2	67,066	1/2	52,045	1/2	37,486	1/2	22,522	1/2	7,411	1/2		1/2		1/2		1/2	
3/4	81,858	3/4	66,752	3/4	51,734	3/4	37,184	3/4	22,207	3/4	7,097	3/4		3/4		3/4		3/4	
3	81,543	3	66,437	3	51,422	3	36,883	3	21,892	3	6,782	3		3		3		3	
1/4	81,228	1/4	66,122	1/4	51,111	1/4	36,581	1/4	21,577	1/4	6,467	1/4		1/4		1/4		1/4	
1/2	80,914	1/2	65,808	1/2	50,799	1/2	36,279	1/2	21,262	1/2	6,152	1/2		1/2		1/2		1/2	
3/4	80,599	3/4	65,493	3/4	50,488	3/4	35,977	3/4	20,948	3/4	5,837	3/4		3/4		3/4		3/4	
4	80,284	4	65,178	4	50,176	4	35,675	4	20,633	4	5,522	4		4		4		4	
1/4	79,970	1/4	64,863	1/4	49,865	1/4	35,374	1/4	20,318	1/4	5,207	1/4		1/4		1/4		1/4	
1/2	79,655	1/2	64,549	1/2	49,553	1/2	35,072	1/2	20,003	1/2	4,892	1/2		1/2		1/2		1/2	
3/4	79,340	3/4	64,234	3/4	49,242	3/4	34,767	3/4	19,688	3/4	4,581	3/4		3/4		3/4		3/4	
5	79,025	5	63,919	5	48,931	5	34,463	5	19,374	5	4,269	5		5		5		5	
1/4	78,711	1/4	63,605	1/4	48,620	1/4	34,159	1/4	19,059	1/4	3,958	1/4		1/4		1/4		1/4	
1/2	78,396	1/2	63,290	1/2	48,309	1/2	33,854	1/2	18,744	1/2	3,646	1/2		1/2		1/2		1/2	
3/4	78,081	3/4	62,975	3/4	48,009	3/4	33,539	3/4	18,430	3/4	3,365	3/4		3/4		3/4		3/4	
6	77,767	6	62,661	6	47,708	6	33,225	6	18,116	6	3,083	6		6		6		6	
1/4	77,452	1/4	62,347	1/4	47,407	1/4	32,910	1/4	17,802	1/4	2,801	1/4		1/4		1/4		1/4	
1/2	77,137	1/2	62,032	1/2	47,107	1/2	32,595	1/2	17,485	1/2	2,520	1/2		1/2		1/2		1/2	
3/4	76,822	3/4	61,720	3/4	46,806	3/4	32,280	3/4	17,170	3/4	2,290	3/4		3/4		3/4		3/4	
7	76,508	7	61,408	7	46,506	7	31,966	7	16,855	7	2,061	7		7		7		7	
1/4	76,193	1/4	61,096	1/4	46,205	1/4	31,651	1/4	16,541	1/4	1,831	1/4		1/4		1/4		1/4	
1/2	75,878	1/2	60,784	1/2	45,904	1/2	31,336	1/2	16,226	1/2	1,602	1/2		1/2		1/2		1/2	
3/4	75,564	3/4	60,472	3/4	45,604	3/4	31,021	3/4	15,911	3/4	1,425	3/4		3/4		3/4		3/4	
8	75,249	8	60,160	8	45,303	8	30,706	8	15,596	8	1,247	8		8		8		8	
1/4	74,934	1/4	59,848	1/4	45,002	1/4	30,392	1/4	15,281	1/4	1,070	1/4		1/4		1/4		1/4	
1/2	74,620	1/2	59,535	1/2	44,702	1/2	30,077	1/2	14,967	1/2	893	1/2		1/2		1/2		1/2	
3/4	74,305	3/4	59,223	3/4	44,401	3/4	29,762	3/4	14,652	3/4		3/4		3/4		3/4		3/4	
9	73,990	9	58,911	9	44,101	9	29,447	9	14,337	9		9		9		9		9	
1/4	73,675	1/4	58,599	1/4	43,800	1/4	29,132	1/4	14,022	1/4		1/4		1/4		1/4		1/4	
1/2	73,361	1/2	58,287	1/2	43,499	1/2	28,818	1/2	13,707	1/2		1/2		1/2		1/2		1/2	
3/4	73,046	3/4	57,975	3/4	43,199	3/4	28,503	3/4	13,393	3/4		3/4		3/4		3/4		3/4	
10	72,731	10	57,663	10	42,898	10	28,188	10	13,078	10		10		10		10		10	
1/4	72,417	1/4	57,351	1/4	42,598	1/4	27,873	1/4	12,763	1/4		1/4		1/4		1/4		1/4	
1/2	72,102	1/2	57,038	1/2	42,297	1/2	27,558	1/2	12,448	1/2		1/2		1/2		1/2		1/2	
3/4	71,787	3/4	56,726	3/4	41,996	3/4	27,244	3/4	12,133	3/4		3/4		3/4		3/4		3/4	
11	71,472	11	56,414	11	41,696	11	26,929	11	11,819	11		11		11		11		11	
1/4	71,158	1/4	56,102	1/4	41,395	1/4	26,614	1/4	11,504	1/4		1/4		1/4		1/4		1/4	
1/2	70,843	1/2	55,790	1/2	41,094	1/2	26,299	1/2	11,189	1/2		1/2		1/2		1/2		1/2	
3/4	70,528	3/4	55,478	3/4	40,794	3/4	25,984	3/4	10,874	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/24/2014 CL
CALCULATED: 06/25/2014 CL
PRINTED: 06/25/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 393"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	178,290	0	171,326	0	163,580	0	155,435	0	147,218	0	142,174	0	132,174	0	117,077	0	101,953
1/4	1/4	1/4	178,152	1/4	171,172	1/4	163,410	1/4	155,266	1/4	146,904	1/4	145,904	1/4	131,860	1/4	116,762	1/4	101,638
1/2	1/2	1/2	178,014	1/2	171,018	1/2	163,241	1/2	155,096	1/2	146,591	1/2	145,591	1/2	131,545	1/2	116,447	1/2	101,323
3/4	3/4	3/4	177,877	3/4	170,864	3/4	163,071	3/4	154,926	3/4	146,277	3/4	145,277	3/4	131,231	3/4	116,132	3/4	101,008
1	1	1	184,715	1	177,739	1	170,710	1	162,902	1	154,757	1	145,963	1	130,916	1	115,817	1	100,693
1/4	1/4	1/4	184,645	1/4	177,600	1/4	170,555	1/4	162,732	1/4	154,587	1/4	145,650	1/4	130,602	1/4	115,502	1/4	100,378
1/2	1/2	1/2	184,576	1/2	177,461	1/2	170,399	1/2	162,562	1/2	154,417	1/2	145,336	1/2	130,287	1/2	115,187	1/2	100,063
3/4	3/4	3/4	184,506	3/4	177,322	3/4	170,244	3/4	162,393	3/4	154,247	3/4	145,022	3/4	129,973	3/4	114,872	3/4	99,747
2	2	2	184,437	2	177,183	2	170,089	2	162,223	2	154,078	2	144,708	2	129,658	2	114,557	2	99,432
1/4	1/4	1/4	184,316	1/4	177,043	1/4	169,932	1/4	162,053	1/4	153,908	1/4	144,395	1/4	129,344	1/4	114,242	1/4	99,117
1/2	1/2	1/2	184,195	1/2	176,903	1/2	169,775	1/2	161,884	1/2	153,738	1/2	144,081	1/2	129,029	1/2	113,927	1/2	98,802
3/4	3/4	3/4	184,075	3/4	176,763	3/4	169,618	3/4	161,714	3/4	153,569	3/4	143,767	3/4	128,715	3/4	113,611	3/4	98,487
3	3	3	183,954	3	176,623	3	169,461	3	161,544	3	153,399	3	143,453	3	128,400	3	113,296	3	98,172
1/4	1/4	1/4	183,792	1/4	176,481	1/4	169,303	1/4	161,374	1/4	153,229	1/4	143,140	1/4	128,086	1/4	112,981	1/4	97,857
1/2	1/2	1/2	183,630	1/2	176,340	1/2	169,145	1/2	161,205	1/2	153,060	1/2	142,826	1/2	127,771	1/2	112,666	1/2	97,542
3/4	3/4	3/4	183,468	3/4	176,198	3/4	168,987	3/4	161,035	3/4	152,890	3/4	142,512	3/4	127,457	3/4	112,351	3/4	97,227
4	4	4	183,307	4	176,057	4	168,829	4	160,865	4	152,720	4	142,198	4	127,142	4	112,036	4	96,911
1/4	1/4	1/4	183,139	1/4	175,914	1/4	168,670	1/4	160,696	1/4	152,551	1/4	141,885	1/4	126,828	1/4	111,721	1/4	96,596
1/2	1/2	1/2	182,972	1/2	175,771	1/2	168,510	1/2	160,526	1/2	152,381	1/2	141,571	1/2	126,513	1/2	111,406	1/2	96,281
3/4	3/4	3/4	182,804	3/4	175,628	3/4	168,351	3/4	160,356	3/4	152,211	3/4	141,257	3/4	126,199	3/4	111,091	3/4	95,966
5	5	5	182,637	5	175,485	5	168,192	5	160,187	5	152,042	5	140,944	5	125,884	5	110,776	5	95,651
1/4	1/4	1/4	182,469	1/4	175,341	1/4	168,031	1/4	160,017	1/4	151,872	1/4	140,630	1/4	125,569	1/4	110,461	1/4	95,336
1/2	1/2	1/2	182,302	1/2	175,197	1/2	167,870	1/2	159,847	1/2	151,702	1/2	140,316	1/2	125,255	1/2	110,146	1/2	95,021
3/4	3/4	3/4	182,134	3/4	175,053	3/4	167,709	3/4	159,678	3/4	151,532	3/4	140,003	3/4	124,940	3/4	109,831	3/4	94,706
6	6	6	181,967	6	174,908	6	167,549	6	159,508	6	151,363	6	139,689	6	124,626	6	109,516	6	94,391
1/4	1/4	1/4	181,799	1/4	174,763	1/4	167,386	1/4	159,338	1/4	151,193	1/4	139,376	1/4	124,311	1/4	109,201	1/4	94,075
1/2	1/2	1/2	181,632	1/2	174,617	1/2	167,224	1/2	159,169	1/2	151,023	1/2	139,063	1/2	123,997	1/2	108,886	1/2	93,760
3/4	3/4	3/4	181,464	3/4	174,472	3/4	167,062	3/4	158,999	3/4	150,854	3/4	138,750	3/4	123,682	3/4	108,571	3/4	93,445
7	7	7	181,297	7	174,326	7	166,900	7	158,829	7	150,684	7	138,437	7	123,368	7	108,255	7	93,130
1/4	1/4	1/4	181,130	1/4	174,180	1/4	166,737	1/4	158,659	1/4	150,514	1/4	138,124	1/4	123,053	1/4	107,940	1/4	92,815
1/2	1/2	1/2	180,962	1/2	174,033	1/2	166,573	1/2	158,490	1/2	150,345	1/2	137,810	1/2	122,739	1/2	107,625	1/2	92,500
3/4	3/4	3/4	180,795	3/4	173,886	3/4	166,410	3/4	158,320	3/4	150,175	3/4	137,497	3/4	122,424	3/4	107,310	3/4	92,185
8	8	8	180,627	8	173,739	8	166,246	8	158,150	8	150,005	8	137,184	8	122,110	8	106,995	8	91,870
1/4	1/4	1/4	180,462	1/4	173,590	1/4	166,082	1/4	157,981	1/4	149,836	1/4	136,871	1/4	121,795	1/4	106,680	1/4	91,555
1/2	1/2	1/2	180,297	1/2	173,441	1/2	165,917	1/2	157,811	1/2	149,666	1/2	136,558	1/2	121,481	1/2	106,365	1/2	91,239
3/4	3/4	3/4	180,131	3/4	173,293	3/4	165,752	3/4	157,641	3/4	149,496	3/4	136,245	3/4	121,166	3/4	106,050	3/4	90,924
9	9	9	179,966	9	173,144	9	165,588	9	157,472	9	149,326	9	135,932	9	120,852	9	105,735	9	90,609
1/4	1/4	1/4	179,818	1/4	172,994	1/4	165,422	1/4	157,302	1/4	149,157	1/4	135,619	1/4	120,537	1/4	105,419	1/4	90,294
1/2	1/2	1/2	179,670	1/2	172,843	1/2	165,256	1/2	157,132	1/2	148,987	1/2	135,306	1/2	120,223	1/2	105,104	1/2	89,979
3/4	3/4	3/4	179,522	3/4	172,693	3/4	165,090	3/4	156,963	3/4	148,817	3/4	134,993	3/4	119,908	3/4	104,789	3/4	89,664
10	10	10	179,374	10	172,543	10	164,924	10	156,793	10	148,648	10	134,680	10	119,594	10	104,474	10	89,349
1/4	1/4	1/4	179,239	1/4	172,391	1/4	164,757	1/4	156,623	1/4	148,478	1/4	134,367	1/4	119,279	1/4	104,159	1/4	89,034
1/2	1/2	1/2	179,104	1/2	172,240	1/2	164,589	1/2	156,453	1/2	148,308	1/2	134,054	1/2	118,965	1/2	103,844	1/2	88,719
3/4	3/4	3/4	178,969	3/4	172,089	3/4	164,422	3/4	156,284	3/4	148,139	3/4	133,740	3/4	118,650	3/4	103,529	3/4	88,403
11	11	11	178,835	11	171,937	11	164,254	11	156,114	11	147,969	11	133,427	11	118,336	11	103,214	11	88,088
1/4	1/4	1/4	178,698	1/4	171,784	1/4	164,086	1/4	155,944	1/4	147,781	1/4	133,114	1/4	118,021	1/4	102,899	1/4	87,773
1/2	1/2	1/2	178,562	1/2	171,632	1/2	163,917	1/2	155,775	1/2	147,594	1/2	132,801	1/2	117,706	1/2	102,583	1/2	87,458
3/4	3/4	3/4	178,426	3/4	171,479	3/4	163,748	3/4	155,605	3/4	147,406	3/4	132,488	3/4	117,392	3/4	102,268	3/4	87,143

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 TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD

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BARGE "CBC 393"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	86,828	0	71,699	0	56,570	0	41,453	0	26,329	0	11,201	0		0		0		0	
1/4	86,513	1/4	71,384	1/4	56,255	1/4	41,139	1/4	26,014	1/4	10,886	1/4		1/4		1/4		1/4	
1/2	86,198	1/2	71,069	1/2	55,940	1/2	40,824	1/2	25,699	1/2	10,570	1/2		1/2		1/2		1/2	
3/4	85,883	3/4	70,754	3/4	55,625	3/4	40,509	3/4	25,384	3/4	10,255	3/4		3/4		3/4		3/4	
1	85,568	1	70,439	1	55,310	1	40,194	1	25,068	1	9,940	1		1		1		1	
1/4	85,252	1/4	70,123	1/4	54,995	1/4	39,879	1/4	24,753	1/4	9,625	1/4		1/4		1/4		1/4	
1/2	84,937	1/2	69,808	1/2	54,679	1/2	39,565	1/2	24,438	1/2	9,310	1/2		1/2		1/2		1/2	
3/4	84,622	3/4	69,493	3/4	54,364	3/4	39,250	3/4	24,123	3/4	8,995	3/4		3/4		3/4		3/4	
2	84,307	2	69,178	2	54,049	2	38,935	2	23,808	2	8,679	2		2		2		2	
1/4	83,992	1/4	68,863	1/4	53,734	1/4	38,620	1/4	23,493	1/4	8,364	1/4		1/4		1/4		1/4	
1/2	83,676	1/2	68,548	1/2	53,419	1/2	38,305	1/2	23,177	1/2	8,048	1/2		1/2		1/2		1/2	
3/4	83,361	3/4	68,232	3/4	53,103	3/4	37,990	3/4	22,862	3/4	7,732	3/4		3/4		3/4		3/4	
3	83,046	3	67,917	3	52,788	3	37,675	3	22,547	3	7,419	3		3		3		3	
1/4	82,731	1/4	67,602	1/4	52,473	1/4	37,360	1/4	22,232	1/4	7,104	1/4		1/4		1/4		1/4	
1/2	82,416	1/2	67,287	1/2	52,158	1/2	37,045	1/2	21,917	1/2	6,788	1/2		1/2		1/2		1/2	
3/4	82,101	3/4	66,972	3/4	51,843	3/4	36,730	3/4	21,602	3/4	6,473	3/4		3/4		3/4		3/4	
4	81,785	4	66,656	4	51,528	4	36,415	4	21,286	4	6,158	4		4		4		4	
1/4	81,470	1/4	66,341	1/4	51,213	1/4	36,099	1/4	20,971	1/4	5,843	1/4		1/4		1/4		1/4	
1/2	81,155	1/2	66,026	1/2	50,897	1/2	35,784	1/2	20,656	1/2	5,528	1/2		1/2		1/2		1/2	
3/4	80,840	3/4	65,711	3/4	50,582	3/4	35,469	3/4	20,341	3/4	5,213	3/4		3/4		3/4		3/4	
5	80,525	5	65,396	5	50,267	5	35,154	5	20,026	5	4,897	5		5		5		5	
1/4	80,209	1/4	65,080	1/4	49,953	1/4	34,839	1/4	19,710	1/4	4,585	1/4		1/4		1/4		1/4	
1/2	79,894	1/2	64,765	1/2	49,638	1/2	34,524	1/2	19,395	1/2	4,274	1/2		1/2		1/2		1/2	
3/4	79,579	3/4	64,450	3/4	49,323	3/4	34,208	3/4	19,080	3/4	3,962	3/4		3/4		3/4		3/4	
6	79,264	6	64,135	6	49,008	6	33,893	6	18,765	6	3,650	6		6		6		6	
1/4	78,949	1/4	63,820	1/4	48,693	1/4	33,578	1/4	18,451	1/4	3,367	1/4		1/4		1/4		1/4	
1/2	78,633	1/2	63,505	1/2	48,379	1/2	33,263	1/2	18,136	1/2	3,085	1/2		1/2		1/2		1/2	
3/4	78,318	3/4	63,189	3/4	48,064	3/4	32,948	3/4	17,822	3/4	2,803	3/4		3/4		3/4		3/4	
7	78,003	7	62,874	7	47,749	7	32,633	7	17,504	7	2,520	7		7		7		7	
1/4	77,688	1/4	62,559	1/4	47,434	1/4	32,317	1/4	17,189	1/4	2,291	1/4		1/4		1/4		1/4	
1/2	77,373	1/2	62,244	1/2	47,120	1/2	32,002	1/2	16,874	1/2	2,061	1/2		1/2		1/2		1/2	
3/4	77,058	3/4	61,929	3/4	46,805	3/4	31,687	3/4	16,559	3/4	1,831	3/4		3/4		3/4		3/4	
8	76,742	8	61,613	8	46,490	8	31,372	8	16,244	8	1,601	8		8		8		8	
1/4	76,427	1/4	61,298	1/4	46,175	1/4	31,057	1/4	15,928	1/4	1,424	1/4		1/4		1/4		1/4	
1/2	76,112	1/2	60,983	1/2	45,860	1/2	30,742	1/2	15,613	1/2	1,247	1/2		1/2		1/2		1/2	
3/4	75,797	3/4	60,668	3/4	45,546	3/4	30,426	3/4	15,298	3/4	1,069	3/4		3/4		3/4		3/4	
9	75,482	9	60,353	9	45,231	9	30,111	9	14,983	9	892	9		9		9		9	
1/4	75,166	1/4	60,038	1/4	44,916	1/4	29,796	1/4	14,668	1/4		1/4		1/4		1/4		1/4	
1/2	74,851	1/2	59,722	1/2	44,601	1/2	29,481	1/2	14,353	1/2		1/2		1/2		1/2		1/2	
3/4	74,536	3/4	59,407	3/4	44,286	3/4	29,166	3/4	14,037	3/4		3/4		3/4		3/4		3/4	
10	74,221	10	59,092	10	43,972	10	28,850	10	13,722	10		10		10		10		10	
1/4	73,906	1/4	58,777	1/4	43,657	1/4	28,535	1/4	13,407	1/4		1/4		1/4		1/4		1/4	
1/2	73,591	1/2	58,462	1/2	43,342	1/2	28,220	1/2	13,092	1/2		1/2		1/2		1/2		1/2	
3/4	73,275	3/4	58,146	3/4	43,027	3/4	27,905	3/4	12,777	3/4		3/4		3/4		3/4		3/4	
11	72,960	11	57,831	11	42,713	11	27,590	11	12,462	11		11		11		11		11	
1/4	72,645	1/4	57,516	1/4	42,398	1/4	27,275	1/4	12,146	1/4		1/4		1/4		1/4		1/4	
1/2	72,330	1/2	57,201	1/2	42,083	1/2	26,959	1/2	11,831	1/2		1/2		1/2		1/2		1/2	
3/4	72,015	3/4	56,886	3/4	41,768	3/4	26,644	3/4	11,516	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/24/2014 CL
CALCULATED: 06/25/2014 CL
PRINTED: 06/25/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 393"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	205,617	0	191,581	0	176,744	0	161,554	0	146,363	0	131,172	0	115,984	0	100,788		
1/4	1/4	219,276	1/4	205,333	1/4	191,280	1/4	176,428	1/4	161,237	1/4	146,046	1/4	130,856	1/4	115,665	1/4	100,472	
1/2	1/2	219,062	1/2	205,048	1/2	190,978	1/2	176,111	1/2	160,921	1/2	145,730	1/2	130,539	1/2	115,349	1/2	100,155	
3/4	3/4	218,847	3/4	204,763	3/4	190,676	3/4	175,795	3/4	160,604	3/4	145,414	3/4	130,223	3/4	115,032	3/4	99,839	
1	1	218,633	1	204,478	1	190,374	1	175,478	1	160,288	1	145,097	1	129,907	1	114,716	1	99,522	
1/4	1/4	218,419	1/4	204,193	1/4	190,071	1/4	175,162	1/4	159,971	1/4	144,781	1/4	129,590	1/4	114,399	1/4	99,206	
1/2	1/2	218,153	1/2	203,907	1/2	189,768	1/2	174,845	1/2	159,655	1/2	144,464	1/2	129,274	1/2	114,083	1/2	98,889	
3/4	3/4	217,888	3/4	203,621	3/4	189,464	3/4	174,529	3/4	159,338	3/4	144,148	3/4	128,957	3/4	113,767	3/4	98,572	
2	2	217,623	2	203,334	2	189,161	2	174,212	2	159,022	2	143,831	2	128,641	2	113,450	2	98,256	
1/4	1/4	217,357	1/4	203,048	1/4	188,857	1/4	173,896	1/4	158,705	1/4	143,515	1/4	128,324	1/4	113,134	1/4	97,939	
1/2	1/2	217,051	1/2	202,761	1/2	188,552	1/2	173,579	1/2	158,389	1/2	143,198	1/2	128,008	1/2	112,817	1/2	97,623	
3/4	3/4	216,744	3/4	202,473	3/4	188,248	3/4	173,263	3/4	158,072	3/4	142,882	3/4	127,691	3/4	112,501	3/4	97,306	
3	3	216,438	3	202,186	3	187,943	3	172,946	3	157,756	3	142,565	3	127,375	3	112,184	3	96,989	
1/4	1/4	216,131	1/4	201,898	1/4	187,638	1/4	172,630	1/4	157,439	1/4	142,249	1/4	127,058	1/4	111,868	1/4	96,673	
1/2	1/2	215,819	1/2	201,609	1/2	187,332	1/2	172,314	1/2	157,123	1/2	141,932	1/2	126,742	1/2	111,551	1/2	96,356	
3/4	3/4	215,506	3/4	201,320	3/4	187,026	3/4	171,997	3/4	156,806	3/4	141,616	3/4	126,425	3/4	111,234	3/4	96,040	
4	4	215,194	4	201,031	4	186,720	4	171,681	4	156,490	4	141,299	4	126,109	4	110,917	4	95,723	
1/4	1/4	214,882	1/4	200,742	1/4	186,414	1/4	171,364	1/4	156,174	1/4	140,983	1/4	125,792	1/4	110,602	1/4	95,406	
1/2	1/2	214,569	1/2	200,452	1/2	186,106	1/2	171,048	1/2	155,857	1/2	140,667	1/2	125,476	1/2	110,285	1/2	95,090	
3/4	3/4	214,257	3/4	200,162	3/4	185,799	3/4	170,731	3/4	155,541	3/4	140,350	3/4	125,159	3/4	109,969	3/4	94,773	
5	5	213,945	5	199,872	5	185,491	5	170,415	5	155,224	5	140,034	5	124,843	5	109,653	5	94,457	
1/4	1/4	213,632	1/4	199,581	1/4	185,184	1/4	170,098	1/4	154,908	1/4	139,717	1/4	124,527	1/4	109,336	1/4	94,140	
1/2	1/2	213,320	1/2	199,290	1/2	184,875	1/2	169,782	1/2	154,591	1/2	139,401	1/2	124,210	1/2	109,020	1/2	93,824	
3/4	3/4	213,008	3/4	198,998	3/4	184,566	3/4	169,465	3/4	154,275	3/4	139,084	3/4	123,894	3/4	108,703	3/4	93,507	
6	6	212,695	6	198,706	6	184,257	6	169,149	6	153,958	6	138,768	6	123,577	6	108,387	6	93,190	
1/4	1/4	212,383	1/4	198,415	1/4	183,948	1/4	168,832	1/4	153,642	1/4	138,451	1/4	123,261	1/4	108,070	1/4	92,874	
1/2	1/2	212,071	1/2	198,122	1/2	183,638	1/2	168,516	1/2	153,325	1/2	138,135	1/2	122,944	1/2	107,753	1/2	92,557	
3/4	3/4	211,758	3/4	197,829	3/4	183,328	3/4	168,199	3/4	153,009	3/4	137,818	3/4	122,628	3/4	107,437	3/4	92,241	
7	7	211,446	7	197,536	7	183,018	7	167,883	7	152,692	7	137,502	7	122,311	7	107,120	7	91,924	
1/4	1/4	211,134	1/4	197,243	1/4	182,707	1/4	167,566	1/4	152,376	1/4	137,185	1/4	121,995	1/4	106,804	1/4	91,607	
1/2	1/2	210,823	1/2	196,947	1/2	182,396	1/2	167,250	1/2	152,059	1/2	136,869	1/2	121,678	1/2	106,487	1/2	91,291	
3/4	3/4	210,513	3/4	196,652	3/4	182,085	3/4	166,934	3/4	151,743	3/4	136,552	3/4	121,362	3/4	106,170	3/4	90,974	
8	8	210,203	8	196,356	8	181,773	8	166,617	8	151,426	8	136,236	8	121,045	8	105,854	8	90,658	
1/4	1/4	209,893	1/4	196,061	1/4	181,462	1/4	166,301	1/4	151,110	1/4	135,919	1/4	120,729	1/4	105,537	1/4	90,341	
1/2	1/2	209,600	1/2	195,764	1/2	181,149	1/2	165,984	1/2	150,794	1/2	135,603	1/2	120,412	1/2	105,221	1/2	90,024	
3/4	3/4	209,307	3/4	195,467	3/4	180,836	3/4	165,668	3/4	150,477	3/4	135,287	3/4	120,096	3/4	104,904	3/4	89,708	
9	9	209,014	9	195,170	9	180,524	9	165,351	9	150,161	9	134,970	9	119,779	9	104,587	9	89,391	
1/4	1/4	208,721	1/4	194,873	1/4	180,211	1/4	165,035	1/4	149,844	1/4	134,654	1/4	119,463	1/4	104,271	1/4	89,075	
1/2	1/2	208,440	1/2	194,575	1/2	179,897	1/2	164,718	1/2	149,528	1/2	134,337	1/2	119,147	1/2	103,954	1/2	88,758	
3/4	3/4	208,159	3/4	194,277	3/4	179,583	3/4	164,402	3/4	149,211	3/4	134,021	3/4	118,830	3/4	103,638	3/4	88,442	
10	10	207,878	10	193,979	10	179,269	10	164,085	10	148,895	10	133,704	10	118,514	10	103,321	10	88,125	
1/4	1/4	207,597	1/4	193,681	1/4	178,954	1/4	163,769	1/4	148,578	1/4	133,388	1/4	118,197	1/4	103,005	1/4	87,808	
1/2	1/2	207,315	1/2	193,381	1/2	178,639	1/2	163,452	1/2	148,262	1/2	133,071	1/2	117,881	1/2	102,688	1/2	87,492	
3/4	3/4	207,032	3/4	193,082	3/4	178,323	3/4	163,136	3/4	147,945	3/4	132,755	3/4	117,564	3/4	102,371	3/4	87,175	
11	11	206,750	11	192,782	11	178,008	11	162,819	11	147,629	11	132,438	11	117,248	11	102,055	11	86,859	
1/4	1/4	206,468	1/4	192,483	1/4	177,692	1/4	162,503	1/4	147,312	1/4	132,122	1/4	116,931	1/4	101,738	1/4	86,542	
1/2	1/2	206,184	1/2	192,182	1/2	177,376	1/2	162,186	1/2	146,996	1/2	131,805	1/2	116,615	1/2	101,422	1/2	86,225	
3/4	3/4	205,900	3/4	191,881	3/4	177,060	3/4	161,870	3/4	146,679	3/4	131,489	3/4	116,299	3/4	101,105	3/4	85,909	

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 TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 393"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	85,592	0	70,396	0	55,200	0	40,571	0	25,496	0	10,301	0		0		0		0	
1/4	85,276	1/4	70,079	1/4	54,883	1/4	40,269	1/4	25,180	1/4	9,984	1/4		1/4		1/4		1/4	
1/2	84,959	1/2	69,763	1/2	54,567	1/2	39,967	1/2	24,863	1/2	9,668	1/2		1/2		1/2		1/2	
3/4	84,642	3/4	69,446	3/4	54,250	3/4	39,665	3/4	24,547	3/4	9,351	3/4		3/4		3/4		3/4	
1	84,326	1	69,130	1	53,933	1	39,362	1	24,230	1	9,034	1		1		1		1	
1/4	84,009	1/4	68,813	1/4	53,617	1/4	39,060	1/4	23,913	1/4	8,718	1/4		1/4		1/4		1/4	
1/2	83,693	1/2	68,497	1/2	53,302	1/2	38,756	1/2	23,597	1/2	8,401	1/2		1/2		1/2		1/2	
3/4	83,376	3/4	68,180	3/4	52,987	3/4	38,451	3/4	23,280	3/4	8,083	3/4		3/4		3/4		3/4	
2	83,060	2	67,863	2	52,672	2	38,147	2	22,964	2	7,766	2		2		2		2	
1/4	82,743	1/4	67,547	1/4	52,357	1/4	37,843	1/4	22,647	1/4	7,452	1/4		1/4		1/4		1/4	
1/2	82,426	1/2	67,230	1/2	52,055	1/2	37,526	1/2	22,331	1/2	7,135	1/2		1/2		1/2		1/2	
3/4	82,110	3/4	66,914	3/4	51,752	3/4	37,210	3/4	22,014	3/4	6,818	3/4		3/4		3/4		3/4	
3	81,793	3	66,597	3	51,450	3	36,893	3	21,697	3	6,502	3		3		3		3	
1/4	81,477	1/4	66,280	1/4	51,147	1/4	36,576	1/4	21,381	1/4	6,185	1/4		1/4		1/4		1/4	
1/2	81,160	1/2	65,964	1/2	50,845	1/2	36,260	1/2	21,064	1/2	5,869	1/2		1/2		1/2		1/2	
3/4	80,843	3/4	65,647	3/4	50,543	3/4	35,943	3/4	20,748	3/4	5,552	3/4		3/4		3/4		3/4	
4	80,527	4	65,331	4	50,241	4	35,627	4	20,431	4	5,236	4		4		4		4	
1/4	80,210	1/4	65,014	1/4	49,938	1/4	35,310	1/4	20,114	1/4	4,919	1/4		1/4		1/4		1/4	
1/2	79,894	1/2	64,697	1/2	49,636	1/2	34,994	1/2	19,798	1/2	4,606	1/2		1/2		1/2		1/2	
3/4	79,577	3/4	64,381	3/4	49,334	3/4	34,677	3/4	19,481	3/4	4,292	3/4		3/4		3/4		3/4	
5	79,260	5	64,064	5	49,032	5	34,360	5	19,165	5	3,979	5		5		5		5	
1/4	78,944	1/4	63,748	1/4	48,730	1/4	34,044	1/4	18,848	1/4	3,666	1/4		1/4		1/4		1/4	
1/2	78,627	1/2	63,431	1/2	48,428	1/2	33,727	1/2	18,532	1/2	3,382	1/2		1/2		1/2		1/2	
3/4	78,311	3/4	63,115	3/4	48,125	3/4	33,411	3/4	18,217	3/4	3,099	3/4		3/4		3/4		3/4	
6	77,994	6	62,798	6	47,823	6	33,094	6	17,901	6	2,815	6		6		6		6	
1/4	77,678	1/4	62,481	1/4	47,521	1/4	32,777	1/4	17,582	1/4	2,532	1/4		1/4		1/4		1/4	
1/2	77,361	1/2	62,165	1/2	47,219	1/2	32,461	1/2	17,265	1/2	2,301	1/2		1/2		1/2		1/2	
3/4	77,044	3/4	61,848	3/4	46,917	3/4	32,144	3/4	16,949	3/4	2,070	3/4		3/4		3/4		3/4	
7	76,728	7	61,532	7	46,615	7	31,828	7	16,632	7	1,839	7		7		7		7	
1/4	76,411	1/4	61,215	1/4	46,312	1/4	31,511	1/4	16,316	1/4	1,608	1/4		1/4		1/4		1/4	
1/2	76,095	1/2	60,898	1/2	46,010	1/2	31,195	1/2	15,999	1/2	1,430	1/2		1/2		1/2		1/2	
3/4	75,778	3/4	60,582	3/4	45,708	3/4	30,878	3/4	15,682	3/4	1,252	3/4		3/4		3/4		3/4	
8	75,461	8	60,265	8	45,406	8	30,561	8	15,366	8	1,074	8		8		8		8	
1/4	75,145	1/4	59,949	1/4	45,104	1/4	30,245	1/4	15,049	1/4	896	1/4		1/4		1/4		1/4	
1/2	74,828	1/2	59,632	1/2	44,802	1/2	29,928	1/2	14,733	1/2		1/2		1/2		1/2		1/2	
3/4	74,512	3/4	59,315	3/4	44,499	3/4	29,612	3/4	14,416	3/4		3/4		3/4		3/4		3/4	
9	74,195	9	58,999	9	44,197	9	29,295	9	14,100	9		9		9		9		9	
1/4	73,878	1/4	58,682	1/4	43,895	1/4	28,979	1/4	13,783	1/4		1/4		1/4		1/4		1/4	
1/2	73,562	1/2	58,366	1/2	43,593	1/2	28,662	1/2	13,466	1/2		1/2		1/2		1/2		1/2	
3/4	73,245	3/4	58,049	3/4	43,291	3/4	28,345	3/4	13,150	3/4		3/4		3/4		3/4		3/4	
10	72,929	10	57,733	10	42,989	10	28,029	10	12,833	10		10		10		10		10	
1/4	72,612	1/4	57,416	1/4	42,686	1/4	27,712	1/4	12,517	1/4		1/4		1/4		1/4		1/4	
1/2	72,296	1/2	57,099	1/2	42,384	1/2	27,396	1/2	12,200	1/2		1/2		1/2		1/2		1/2	
3/4	71,979	3/4	56,783	3/4	42,082	3/4	27,079	3/4	11,884	3/4		3/4		3/4		3/4		3/4	
11	71,662	11	56,466	11	41,780	11	26,763	11	11,567	11		11		11		11		11	
1/4	71,346	1/4	56,150	1/4	41,478	1/4	26,446	1/4	11,250	1/4		1/4		1/4		1/4		1/4	
1/2	71,029	1/2	55,833	1/2	41,176	1/2	26,129	1/2	10,934	1/2		1/2		1/2		1/2		1/2	
3/4	70,713	3/4	55,516	3/4	40,873	3/4	25,813	3/4	10,617	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/24/2014 CL
CALCULATED: 06/25/2014 CL
PRINTED: 06/25/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 393"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	206,901	0	192,896	0	178,087	0	162,894	0	147,699	0	132,505	0	117,311	0	102,113
1/4	1/4	1/4	1/4	1/4	206,617	1/4	192,595	1/4	177,771	1/4	162,577	1/4	147,383	1/4	132,188	1/4	116,994	1/4	101,797
1/2	1/2	1/2	1/2	1/2	206,333	1/2	192,295	1/2	177,454	1/2	162,260	1/2	147,066	1/2	131,872	1/2	116,678	1/2	101,480
3/4	3/4	3/4	3/4	3/4	219,996	3/4	206,050	3/4	191,994	3/4	177,138	3/4	161,944	3/4	146,750	3/4	131,555	3/4	116,361
1	1	1	1	1	219,782	1	205,765	1	191,692	1	176,822	1	161,627	1	146,433	1	131,239	1	116,044
1/4	1/4	1/4	1/4	1/4	219,567	1/4	205,480	1/4	191,389	1/4	176,505	1/4	161,311	1/4	146,116	1/4	130,922	1/4	115,728
1/2	1/2	1/2	1/2	1/2	219,353	1/2	205,195	1/2	191,087	1/2	176,189	1/2	160,994	1/2	145,800	1/2	130,606	1/2	115,411
3/4	3/4	3/4	3/4	3/4	219,138	3/4	204,910	3/4	190,785	3/4	175,872	3/4	160,678	3/4	145,483	3/4	130,289	3/4	115,095
2	2	2	2	2	218,873	2	204,623	2	190,481	2	175,555	2	160,361	2	145,167	2	129,973	2	114,778
1/4	1/4	1/4	1/4	1/4	218,608	1/4	204,337	1/4	190,178	1/4	175,239	1/4	160,045	1/4	144,850	1/4	129,656	1/4	114,462
1/2	1/2	1/2	1/2	1/2	218,342	1/2	204,051	1/2	189,874	1/2	174,922	1/2	159,728	1/2	144,534	1/2	129,339	1/2	114,145
3/4	3/4	3/4	3/4	3/4	218,077	3/4	203,764	3/4	189,570	3/4	174,606	3/4	159,411	3/4	144,217	3/4	129,023	3/4	113,829
3	3	3	3	3	217,770	3	203,477	3	189,266	3	174,289	3	159,095	3	143,901	3	128,706	3	113,512
1/4	1/4	1/4	1/4	1/4	217,463	1/4	203,189	1/4	188,961	1/4	173,973	1/4	158,778	1/4	143,584	1/4	128,390	1/4	113,196
1/2	1/2	1/2	1/2	1/2	217,157	1/2	202,902	1/2	188,656	1/2	173,656	1/2	158,462	1/2	143,268	1/2	128,073	1/2	112,879
3/4	3/4	3/4	3/4	3/4	216,850	3/4	202,614	3/4	188,351	3/4	173,340	3/4	158,145	3/4	142,951	3/4	127,757	3/4	112,562
4	4	4	4	4	216,538	4	202,325	4	188,045	4	173,023	4	157,829	4	142,634	4	127,440	4	112,246
1/4	1/4	1/4	1/4	1/4	216,225	1/4	202,036	1/4	187,739	1/4	172,706	1/4	157,512	1/4	142,318	1/4	127,124	1/4	111,929
1/2	1/2	1/2	1/2	1/2	215,913	1/2	201,747	1/2	187,433	1/2	172,390	1/2	157,196	1/2	142,001	1/2	126,807	1/2	111,613
3/4	3/4	3/4	3/4	3/4	215,600	3/4	201,458	3/4	187,126	3/4	172,073	3/4	156,879	3/4	141,685	3/4	126,491	3/4	111,296
5	5	5	5	5	215,288	5	201,168	5	186,819	5	171,757	5	156,563	5	141,368	5	126,174	5	110,980
1/4	1/4	1/4	1/4	1/4	214,976	1/4	200,878	1/4	186,511	1/4	171,440	1/4	156,246	1/4	141,052	1/4	125,857	1/4	110,663
1/2	1/2	1/2	1/2	1/2	214,663	1/2	200,587	1/2	186,204	1/2	171,124	1/2	155,929	1/2	140,735	1/2	125,541	1/2	110,346
3/4	3/4	3/4	3/4	3/4	214,351	3/4	200,297	3/4	185,896	3/4	170,807	3/4	155,613	3/4	140,419	3/4	125,224	3/4	110,030
6	6	6	6	6	214,038	6	200,005	6	185,587	6	170,491	6	155,296	6	140,102	6	124,908	6	109,713
1/4	1/4	1/4	1/4	1/4	213,726	1/4	199,714	1/4	185,278	1/4	170,174	1/4	154,980	1/4	139,786	1/4	124,591	1/4	109,397
1/2	1/2	1/2	1/2	1/2	213,414	1/2	199,422	1/2	184,969	1/2	169,858	1/2	154,663	1/2	139,469	1/2	124,275	1/2	109,080
3/4	3/4	3/4	3/4	3/4	213,101	3/4	199,130	3/4	184,660	3/4	169,541	3/4	154,347	3/4	139,152	3/4	123,958	3/4	108,763
7	7	7	7	7	212,789	7	198,837	7	184,350	7	169,224	7	154,030	7	138,836	7	123,642	7	108,447
1/4	1/4	1/4	1/4	1/4	212,476	1/4	198,544	1/4	184,040	1/4	168,908	1/4	153,714	1/4	138,519	1/4	123,325	1/4	108,130
1/2	1/2	1/2	1/2	1/2	212,164	1/2	198,251	1/2	183,730	1/2	168,591	1/2	153,397	1/2	138,203	1/2	123,009	1/2	107,813
3/4	3/4	3/4	3/4	3/4	211,851	3/4	197,958	3/4	183,419	3/4	168,275	3/4	153,081	3/4	137,886	3/4	122,692	3/4	107,497
8	8	8	8	8	211,541	8	197,662	8	183,108	8	167,958	8	152,764	8	137,570	8	122,375	8	107,180
1/4	1/4	1/4	1/4	1/4	211,231	1/4	197,367	1/4	182,796	1/4	167,642	1/4	152,447	1/4	137,253	1/4	122,059	1/4	106,863
1/2	1/2	1/2	1/2	1/2	210,921	1/2	197,071	1/2	182,485	1/2	167,325	1/2	152,131	1/2	136,937	1/2	121,742	1/2	106,547
3/4	3/4	3/4	3/4	3/4	210,611	3/4	196,776	3/4	182,173	3/4	167,009	3/4	151,814	3/4	136,620	3/4	121,426	3/4	106,230
9	9	9	9	9	210,318	9	196,479	9	181,861	9	166,692	9	151,498	9	136,304	9	121,109	9	105,913
1/4	1/4	1/4	1/4	1/4	210,024	1/4	196,182	1/4	181,548	1/4	166,376	1/4	151,181	1/4	135,987	1/4	120,793	1/4	105,597
1/2	1/2	1/2	1/2	1/2	209,731	1/2	195,885	1/2	181,235	1/2	166,059	1/2	150,865	1/2	135,670	1/2	120,476	1/2	105,280
3/4	3/4	3/4	3/4	3/4	209,438	3/4	195,588	3/4	180,922	3/4	165,742	3/4	150,548	3/4	135,354	3/4	120,160	3/4	104,963
10	10	10	10	10	209,157	10	195,290	10	180,608	10	165,426	10	150,232	10	135,037	10	119,843	10	104,647
1/4	1/4	1/4	1/4	1/4	208,876	1/4	194,991	1/4	180,294	1/4	165,109	1/4	149,915	1/4	134,721	1/4	119,526	1/4	104,330
1/2	1/2	1/2	1/2	1/2	208,595	1/2	194,693	1/2	179,980	1/2	164,793	1/2	149,599	1/2	134,404	1/2	119,210	1/2	104,013
3/4	3/4	3/4	3/4	3/4	208,314	3/4	194,395	3/4	179,665	3/4	164,476	3/4	149,282	3/4	134,088	3/4	118,893	3/4	103,697
11	11	11	11	11	208,032	11	194,095	11	179,350	11	164,160	11	148,965	11	133,771	11	118,577	11	103,380
1/4	1/4	1/4	1/4	1/4	207,749	1/4	193,796	1/4	179,034	1/4	163,843	1/4	148,649	1/4	133,455	1/4	118,260	1/4	103,063
1/2	1/2	1/2	1/2	1/2	207,467	1/2	193,496	1/2	178,719	1/2	163,527	1/2	148,332	1/2	133,138	1/2	117,944	1/2	102,747
3/4	3/4	3/4	3/4	3/4	207,185	3/4	193,197	3/4	178,403	3/4	163,210	3/4	148,016	3/4	132,821	3/4	117,627	3/4	102,430

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 393"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	86,914	0	71,714	0	56,514	0	41,332	0	26,136	0	10,937	0		0		0		0	
1/4	86,597	1/4	71,397	1/4	56,197	1/4	41,015	1/4	25,819	1/4	10,620	1/4		1/4		1/4		1/4	
1/2	86,280	1/2	71,081	1/2	55,881	1/2	40,699	1/2	25,502	1/2	10,303	1/2		1/2		1/2		1/2	
3/4	85,964	3/4	70,764	3/4	55,564	3/4	40,383	3/4	25,186	3/4	9,987	3/4		3/4		3/4		3/4	
1	85,647	1	70,447	1	55,247	1	40,067	1	24,869	1	9,670	1		1		1		1	
1/4	85,330	1/4	70,131	1/4	54,931	1/4	39,751	1/4	24,552	1/4	9,353	1/4		1/4		1/4		1/4	
1/2	85,014	1/2	69,814	1/2	54,614	1/2	39,434	1/2	24,236	1/2	9,037	1/2		1/2		1/2		1/2	
3/4	84,697	3/4	69,497	3/4	54,297	3/4	39,118	3/4	23,919	3/4	8,720	3/4		3/4		3/4		3/4	
2	84,380	2	69,181	2	53,981	2	38,802	2	23,602	2	8,403	2		2		2		2	
1/4	84,064	1/4	68,864	1/4	53,664	1/4	38,485	1/4	23,286	1/4	8,085	1/4		1/4		1/4		1/4	
1/2	83,747	1/2	68,547	1/2	53,347	1/2	38,168	1/2	22,969	1/2	7,768	1/2		1/2		1/2		1/2	
3/4	83,430	3/4	68,231	3/4	53,031	3/4	37,852	3/4	22,653	3/4	7,453	3/4		3/4		3/4		3/4	
3	83,114	3	67,914	3	52,714	3	37,535	3	22,336	3	7,137	3		3		3		3	
1/4	82,797	1/4	67,597	1/4	52,398	1/4	37,218	1/4	22,019	1/4	6,820	1/4		1/4		1/4		1/4	
1/2	82,480	1/2	67,281	1/2	52,081	1/2	36,902	1/2	21,703	1/2	6,503	1/2		1/2		1/2		1/2	
3/4	82,164	3/4	66,964	3/4	51,764	3/4	36,585	3/4	21,386	3/4	6,187	3/4		3/4		3/4		3/4	
4	81,847	4	66,647	4	51,448	4	36,268	4	21,069	4	5,870	4		4		4		4	
1/4	81,530	1/4	66,331	1/4	51,132	1/4	35,952	1/4	20,753	1/4	5,553	1/4		1/4		1/4		1/4	
1/2	81,214	1/2	66,014	1/2	50,816	1/2	35,635	1/2	20,436	1/2	5,237	1/2		1/2		1/2		1/2	
3/4	80,897	3/4	65,697	3/4	50,500	3/4	35,318	3/4	20,119	3/4	4,920	3/4		3/4		3/4		3/4	
5	80,580	5	65,381	5	50,184	5	35,002	5	19,803	5	4,607	5		5		5		5	
1/4	80,264	1/4	65,064	1/4	49,868	1/4	34,685	1/4	19,486	1/4	4,293	1/4		1/4		1/4		1/4	
1/2	79,947	1/2	64,747	1/2	49,551	1/2	34,369	1/2	19,169	1/2	3,980	1/2		1/2		1/2		1/2	
3/4	79,630	3/4	64,431	3/4	49,235	3/4	34,052	3/4	18,853	3/4	3,667	3/4		3/4		3/4		3/4	
6	79,314	6	64,114	6	48,919	6	33,735	6	18,537	6	3,383	6		6		6		6	
1/4	78,997	1/4	63,797	1/4	48,603	1/4	33,419	1/4	18,221	1/4	3,099	1/4		1/4		1/4		1/4	
1/2	78,680	1/2	63,481	1/2	48,287	1/2	33,102	1/2	17,905	1/2	2,816	1/2		1/2		1/2		1/2	
3/4	78,364	3/4	63,164	3/4	47,971	3/4	32,785	3/4	17,586	3/4	2,532	3/4		3/4		3/4		3/4	
7	78,047	7	62,847	7	47,655	7	32,469	7	17,269	7	2,301	7		7		7		7	
1/4	77,730	1/4	62,531	1/4	47,338	1/4	32,152	1/4	16,953	1/4	2,070	1/4		1/4		1/4		1/4	
1/2	77,414	1/2	62,214	1/2	47,022	1/2	31,835	1/2	16,636	1/2	1,840	1/2		1/2		1/2		1/2	
3/4	77,097	3/4	61,897	3/4	46,706	3/4	31,519	3/4	16,320	3/4	1,609	3/4		3/4		3/4		3/4	
8	76,780	8	61,581	8	46,390	8	31,202	8	16,003	8	1,431	8		8		8		8	
1/4	76,464	1/4	61,264	1/4	46,074	1/4	30,885	1/4	15,686	1/4	1,252	1/4		1/4		1/4		1/4	
1/2	76,147	1/2	60,947	1/2	45,758	1/2	30,569	1/2	15,370	1/2	1,074	1/2		1/2		1/2		1/2	
3/4	75,830	3/4	60,631	3/4	45,442	3/4	30,252	3/4	15,053	3/4	896	3/4		3/4		3/4		3/4	
9	75,514	9	60,314	9	45,125	9	29,935	9	14,736	9		9		9		9		9	
1/4	75,197	1/4	59,997	1/4	44,809	1/4	29,619	1/4	14,420	1/4		1/4		1/4		1/4		1/4	
1/2	74,880	1/2	59,681	1/2	44,493	1/2	29,302	1/2	14,103	1/2		1/2		1/2		1/2		1/2	
3/4	74,564	3/4	59,364	3/4	44,177	3/4	28,986	3/4	13,786	3/4		3/4		3/4		3/4		3/4	
10	74,247	10	59,047	10	43,861	10	28,669	10	13,470	10		10		10		10		10	
1/4	73,930	1/4	58,731	1/4	43,545	1/4	28,352	1/4	13,153	1/4		1/4		1/4		1/4		1/4	
1/2	73,614	1/2	58,414	1/2	43,228	1/2	28,036	1/2	12,836	1/2		1/2		1/2		1/2		1/2	
3/4	73,297	3/4	58,097	3/4	42,912	3/4	27,719	3/4	12,520	3/4		3/4		3/4		3/4		3/4	
11	72,980	11	57,781	11	42,596	11	27,402	11	12,203	11		11		11		11		11	
1/4	72,664	1/4	57,464	1/4	42,280	1/4	27,086	1/4	11,886	1/4		1/4		1/4		1/4		1/4	
1/2	72,347	1/2	57,147	1/2	41,964	1/2	26,769	1/2	11,570	1/2		1/2		1/2		1/2		1/2	
3/4	72,030	3/4	56,831	3/4	41,648	3/4	26,452	3/4	11,253	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/24/2014 CL
CALCULATED: 06/25/2014 CL
PRINTED: 06/25/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "CBC 393"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	207,158	0	193,094	0	178,225	0	162,985	0	147,746	0	132,506	0	117,266	0	102,023		
1/4	1/4	1/4	206,874	1/4	192,793	1/4	177,907	1/4	162,668	1/4	147,428	1/4	132,188	1/4	116,949	1/4	101,705		
1/2	1/2	1/2	220,578	1/2	206,589	1/2	192,491	1/2	177,590	1/2	162,350	1/2	147,111	1/2	131,871	1/2	116,631	1/2	101,388
3/4	3/4	3/4	220,363	3/4	206,303	3/4	192,188	3/4	177,273	3/4	162,033	3/4	146,793	3/4	131,553	3/4	116,313	3/4	101,070
1	1	1	220,148	1	206,017	1	191,885	1	176,955	1	161,715	1	146,476	1	131,236	1	115,996	1	100,753
1/4	1/4	1/4	219,933	1/4	205,732	1/4	191,582	1/4	176,638	1/4	161,398	1/4	146,158	1/4	130,918	1/4	115,678	1/4	100,435
1/2	1/2	1/2	219,717	1/2	205,446	1/2	191,279	1/2	176,320	1/2	161,080	1/2	145,841	1/2	130,601	1/2	115,361	1/2	100,117
3/4	3/4	3/4	219,451	3/4	205,159	3/4	190,974	3/4	176,003	3/4	160,763	3/4	145,523	3/4	130,283	3/4	115,043	3/4	99,800
2	2	2	219,185	2	204,871	2	190,670	2	175,685	2	160,445	2	145,206	2	129,966	2	114,726	2	99,482
1/4	1/4	1/4	218,919	1/4	204,584	1/4	190,365	1/4	175,368	1/4	160,128	1/4	144,888	1/4	129,648	1/4	114,408	1/4	99,164
1/2	1/2	1/2	218,653	1/2	204,297	1/2	190,060	1/2	175,050	1/2	159,810	1/2	144,571	1/2	129,331	1/2	114,091	1/2	98,847
3/4	3/4	3/4	218,345	3/4	204,009	3/4	189,755	3/4	174,733	3/4	159,493	3/4	144,253	3/4	129,013	3/4	113,773	3/4	98,529
3	3	3	218,038	3	203,720	3	189,449	3	174,415	3	159,175	3	143,936	3	128,696	3	113,456	3	98,212
1/4	1/4	1/4	217,730	1/4	203,432	1/4	189,143	1/4	174,098	1/4	158,858	1/4	143,618	1/4	128,378	1/4	113,138	1/4	97,894
1/2	1/2	1/2	217,423	1/2	203,143	1/2	188,837	1/2	173,780	1/2	158,540	1/2	143,301	1/2	128,061	1/2	112,821	1/2	97,576
3/4	3/4	3/4	217,109	3/4	202,854	3/4	188,530	3/4	173,463	3/4	158,223	3/4	142,983	3/4	127,743	3/4	112,503	3/4	97,259
4	4	4	216,796	4	202,564	4	188,223	4	173,145	4	157,905	4	142,666	4	127,426	4	112,186	4	96,941
1/4	1/4	1/4	216,482	1/4	202,274	1/4	187,916	1/4	172,828	1/4	157,588	1/4	142,348	1/4	127,108	1/4	111,868	1/4	96,624
1/2	1/2	1/2	216,169	1/2	201,984	1/2	187,609	1/2	172,510	1/2	157,270	1/2	142,031	1/2	126,791	1/2	111,551	1/2	96,306
3/4	3/4	3/4	215,856	3/4	201,693	3/4	187,301	3/4	172,193	3/4	156,953	3/4	141,713	3/4	126,473	3/4	111,234	3/4	95,988
5	5	5	215,542	5	201,402	5	186,992	5	171,875	5	156,635	5	141,396	5	126,156	5	110,916	5	95,671
1/4	1/4	1/4	215,229	1/4	201,110	1/4	186,684	1/4	171,558	1/4	156,318	1/4	141,078	1/4	125,838	1/4	110,598	1/4	95,353
1/2	1/2	1/2	214,916	1/2	200,819	1/2	186,375	1/2	171,240	1/2	156,000	1/2	140,761	1/2	125,521	1/2	110,281	1/2	95,036
3/4	3/4	3/4	214,602	3/4	200,527	3/4	186,065	3/4	170,923	3/4	155,683	3/4	140,443	3/4	125,203	3/4	109,963	3/4	94,718
6	6	6	214,289	6	200,234	6	185,755	6	170,605	6	155,365	6	140,126	6	124,886	6	109,646	6	94,400
1/4	1/4	1/4	213,975	1/4	199,941	1/4	185,445	1/4	170,288	1/4	155,048	1/4	139,808	1/4	124,568	1/4	109,328	1/4	94,083
1/2	1/2	1/2	213,662	1/2	199,649	1/2	185,135	1/2	169,970	1/2	154,730	1/2	139,491	1/2	124,251	1/2	109,011	1/2	93,765
3/4	3/4	3/4	213,349	3/4	199,355	3/4	184,824	3/4	169,653	3/4	154,413	3/4	139,173	3/4	123,933	3/4	108,693	3/4	93,447
7	7	7	213,035	7	199,061	7	184,513	7	169,335	7	154,095	7	138,856	7	123,616	7	108,375	7	93,130
1/4	1/4	1/4	212,722	1/4	198,767	1/4	184,202	1/4	169,018	1/4	153,778	1/4	138,538	1/4	123,298	1/4	108,058	1/4	92,812
1/2	1/2	1/2	212,409	1/2	198,473	1/2	183,891	1/2	168,700	1/2	153,460	1/2	138,221	1/2	122,981	1/2	107,740	1/2	92,495
3/4	3/4	3/4	212,098	3/4	198,177	3/4	183,578	3/4	168,383	3/4	153,143	3/4	137,903	3/4	122,663	3/4	107,422	3/4	92,177
8	8	8	211,786	8	197,880	8	183,266	8	168,065	8	152,825	8	137,586	8	122,346	8	107,105	8	91,859
1/4	1/4	1/4	211,475	1/4	197,584	1/4	182,954	1/4	167,748	1/4	152,508	1/4	137,268	1/4	122,028	1/4	106,787	1/4	91,542
1/2	1/2	1/2	211,164	1/2	197,287	1/2	182,641	1/2	167,430	1/2	152,190	1/2	136,951	1/2	121,711	1/2	106,470	1/2	91,224
3/4	3/4	3/4	210,870	3/4	196,989	3/4	182,327	3/4	167,113	3/4	151,873	3/4	136,633	3/4	121,393	3/4	106,152	3/4	90,907
9	9	9	210,576	9	196,692	9	182,014	9	166,795	9	151,555	9	136,316	9	121,076	9	105,834	9	90,589
1/4	1/4	1/4	210,282	1/4	196,394	1/4	181,700	1/4	166,478	1/4	151,238	1/4	135,998	1/4	120,758	1/4	105,517	1/4	90,271
1/2	1/2	1/2	209,988	1/2	196,096	1/2	181,386	1/2	166,160	1/2	150,921	1/2	135,681	1/2	120,441	1/2	105,199	1/2	89,954
3/4	3/4	3/4	209,706	3/4	195,797	3/4	181,071	3/4	165,843	3/4	150,603	3/4	135,363	3/4	120,123	3/4	104,882	3/4	89,636
10	10	10	209,424	10	195,498	10	180,756	10	165,525	10	150,286	10	135,046	10	119,806	10	104,564	10	89,318
1/4	1/4	1/4	209,143	1/4	195,198	1/4	180,441	1/4	165,208	1/4	149,968	1/4	134,728	1/4	119,488	1/4	104,246	1/4	89,001
1/2	1/2	1/2	208,861	1/2	194,899	1/2	180,126	1/2	164,890	1/2	149,651	1/2	134,411	1/2	119,171	1/2	103,929	1/2	88,683
3/4	3/4	3/4	208,577	3/4	194,599	3/4	179,809	3/4	164,573	3/4	149,333	3/4	134,093	3/4	118,853	3/4	103,611	3/4	88,366
11	11	11	208,294	11	194,299	11	179,493	11	164,255	11	149,016	11	133,776	11	118,536	11	103,293	11	88,048
1/4	1/4	1/4	208,011	1/4	193,998	1/4	179,176	1/4	163,938	1/4	148,698	1/4	133,458	1/4	118,218	1/4	102,976	1/4	87,730
1/2	1/2	1/2	207,728	1/2	193,698	1/2	178,860	1/2	163,620	1/2	148,381	1/2	133,141	1/2	117,901	1/2	102,658	1/2	87,413
3/4	3/4	3/4	207,443	3/4	193,396	3/4	178,542	3/4	163,303	3/4	148,063	3/4	132,823	3/4	117,584	3/4	102,341	3/4	87,095

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 TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 393"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	86,778	0	71,532	0	56,287	0	41,123	0	25,897	0	10,652	0		0		0		0	
1/4	86,460	1/4	71,215	1/4	55,969	1/4	40,807	1/4	25,579	1/4	10,334	1/4		1/4		1/4		1/4	
1/2	86,142	1/2	70,897	1/2	55,651	1/2	40,492	1/2	25,261	1/2	10,017	1/2		1/2		1/2		1/2	
3/4	85,825	3/4	70,579	3/4	55,334	3/4	40,177	3/4	24,944	3/4	9,699	3/4		3/4		3/4		3/4	
1	85,507	1	70,262	1	55,016	1	39,861	1	24,626	1	9,381	1		1		1		1	
1/4	85,190	1/4	69,944	1/4	54,699	1/4	39,545	1/4	24,309	1/4	9,064	1/4		1/4		1/4		1/4	
1/2	84,872	1/2	69,626	1/2	54,381	1/2	39,230	1/2	23,991	1/2	8,746	1/2		1/2		1/2		1/2	
3/4	84,554	3/4	69,309	3/4	54,064	3/4	38,914	3/4	23,673	3/4	8,428	3/4		3/4		3/4		3/4	
2	84,237	2	68,991	2	53,746	2	38,598	2	23,356	2	8,110	2		2		2		2	
1/4	83,919	1/4	68,674	1/4	53,429	1/4	38,282	1/4	23,038	1/4	7,791	1/4		1/4		1/4		1/4	
1/2	83,601	1/2	68,356	1/2	53,111	1/2	37,965	1/2	22,721	1/2	7,476	1/2		1/2		1/2		1/2	
3/4	83,284	3/4	68,038	3/4	52,795	3/4	37,648	3/4	22,403	3/4	7,158	3/4		3/4		3/4		3/4	
3	82,966	3	67,721	3	52,480	3	37,330	3	22,085	3	6,841	3		3		3		3	
1/4	82,649	1/4	67,403	1/4	52,164	1/4	37,013	1/4	21,768	1/4	6,523	1/4		1/4		1/4		1/4	
1/2	82,331	1/2	67,086	1/2	51,848	1/2	36,695	1/2	21,450	1/2	6,205	1/2		1/2		1/2		1/2	
3/4	82,013	3/4	66,768	3/4	51,532	3/4	36,377	3/4	21,133	3/4	5,888	3/4		3/4		3/4		3/4	
4	81,696	4	66,450	4	51,217	4	36,060	4	20,815	4	5,570	4		4		4		4	
1/4	81,378	1/4	66,133	1/4	50,901	1/4	35,742	1/4	20,497	1/4	5,253	1/4		1/4		1/4		1/4	
1/2	81,061	1/2	65,815	1/2	50,586	1/2	35,425	1/2	20,180	1/2	4,935	1/2		1/2		1/2		1/2	
3/4	80,743	3/4	65,497	3/4	50,271	3/4	35,107	3/4	19,862	3/4	4,621	3/4		3/4		3/4		3/4	
5	80,425	5	65,180	5	49,955	5	34,789	5	19,545	5	4,306	5		5		5		5	
1/4	80,108	1/4	64,862	1/4	49,640	1/4	34,472	1/4	19,227	1/4	3,992	1/4		1/4		1/4		1/4	
1/2	79,790	1/2	64,545	1/2	49,324	1/2	34,154	1/2	18,909	1/2	3,678	1/2		1/2		1/2		1/2	
3/4	79,472	3/4	64,227	3/4	49,009	3/4	33,837	3/4	18,593	3/4	3,393	3/4		3/4		3/4		3/4	
6	79,155	6	63,909	6	48,693	6	33,519	6	18,276	6	3,109	6		6		6		6	
1/4	78,837	1/4	63,592	1/4	48,378	1/4	33,201	1/4	17,959	1/4	2,824	1/4		1/4		1/4		1/4	
1/2	78,520	1/2	63,274	1/2	48,063	1/2	32,884	1/2	17,639	1/2	2,540	1/2		1/2		1/2		1/2	
3/4	78,202	3/4	62,957	3/4	47,747	3/4	32,566	3/4	17,321	3/4	2,308	3/4		3/4		3/4		3/4	
7	77,884	7	62,639	7	47,432	7	32,249	7	17,004	7	2,077	7		7		7		7	
1/4	77,567	1/4	62,321	1/4	47,116	1/4	31,931	1/4	16,686	1/4	1,845	1/4		1/4		1/4		1/4	
1/2	77,249	1/2	62,004	1/2	46,801	1/2	31,613	1/2	16,369	1/2	1,614	1/2		1/2		1/2		1/2	
3/4	76,932	3/4	61,686	3/4	46,485	3/4	31,296	3/4	16,051	3/4	1,435	3/4		3/4		3/4		3/4	
8	76,614	8	61,369	8	46,170	8	30,978	8	15,733	8	1,256	8		8		8		8	
1/4	76,296	1/4	61,051	1/4	45,854	1/4	30,661	1/4	15,416	1/4	1,077	1/4		1/4		1/4		1/4	
1/2	75,979	1/2	60,733	1/2	45,539	1/2	30,343	1/2	15,098	1/2	899	1/2		1/2		1/2		1/2	
3/4	75,661	3/4	60,416	3/4	45,224	3/4	30,025	3/4	14,781	3/4		3/4		3/4		3/4		3/4	
9	75,343	9	60,098	9	44,908	9	29,708	9	14,463	9		9		9		9		9	
1/4	75,026	1/4	59,780	1/4	44,593	1/4	29,390	1/4	14,145	1/4		1/4		1/4		1/4		1/4	
1/2	74,708	1/2	59,463	1/2	44,277	1/2	29,073	1/2	13,828	1/2		1/2		1/2		1/2		1/2	
3/4	74,391	3/4	59,145	3/4	43,962	3/4	28,755	3/4	13,510	3/4		3/4		3/4		3/4		3/4	
10	74,073	10	58,828	10	43,646	10	28,437	10	13,193	10		10		10		10		10	
1/4	73,755	1/4	58,510	1/4	43,331	1/4	28,120	1/4	12,875	1/4		1/4		1/4		1/4		1/4	
1/2	73,438	1/2	58,192	1/2	43,016	1/2	27,802	1/2	12,557	1/2		1/2		1/2		1/2		1/2	
3/4	73,120	3/4	57,875	3/4	42,700	3/4	27,485	3/4	12,240	3/4		3/4		3/4		3/4		3/4	
11	72,803	11	57,557	11	42,385	11	27,167	11	11,922	11		11		11		11		11	
1/4	72,485	1/4	57,240	1/4	42,069	1/4	26,849	1/4	11,605	1/4		1/4		1/4		1/4		1/4	
1/2	72,167	1/2	56,922	1/2	41,754	1/2	26,532	1/2	11,287	1/2		1/2		1/2		1/2		1/2	
3/4	71,850	3/4	56,604	3/4	41,438	3/4	26,214	3/4	10,969	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/24/2014 CL
CALCULATED: 06/25/2014 CL
PRINTED: 06/25/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "CBC 393"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	207,264	0	193,198	0	178,326	0	163,085	0	147,843	0	132,602	0	117,360	0	102,115		
1/4	1/4	1/4	206,979	1/4	192,896	1/4	178,009	1/4	162,767	1/4	147,526	1/4	132,284	1/4	117,042	1/4	101,797		
1/2	1/2	1/2	220,685	1/2	206,694	1/2	192,594	1/2	177,692	1/2	162,450	1/2	147,208	1/2	131,967	1/2	116,725	1/2	101,480
3/4	3/4	3/4	220,470	3/4	206,409	3/4	192,291	3/4	177,374	3/4	162,132	3/4	146,891	3/4	131,649	3/4	116,407	3/4	101,162
1	1	1	220,255	1	206,123	1	191,988	1	177,056	1	161,815	1	146,573	1	131,331	1	116,090	1	100,845
1/4	1/4	1/4	220,040	1/4	205,837	1/4	191,685	1/4	176,739	1/4	161,497	1/4	146,256	1/4	131,014	1/4	115,772	1/4	100,527
1/2	1/2	1/2	219,825	1/2	205,551	1/2	191,382	1/2	176,421	1/2	161,180	1/2	145,938	1/2	130,696	1/2	115,455	1/2	100,209
3/4	3/4	3/4	219,559	3/4	205,264	3/4	191,077	3/4	176,104	3/4	160,862	3/4	145,620	3/4	130,379	3/4	115,137	3/4	99,892
2	2	2	219,292	2	204,976	2	190,773	2	175,786	2	160,545	2	145,303	2	130,061	2	114,820	2	99,574
1/4	1/4	1/4	219,026	1/4	204,689	1/4	190,468	1/4	175,469	1/4	160,227	1/4	144,985	1/4	129,744	1/4	114,502	1/4	99,256
1/2	1/2	1/2	218,760	1/2	204,402	1/2	190,163	1/2	175,151	1/2	159,910	1/2	144,668	1/2	129,426	1/2	114,185	1/2	98,939
3/4	3/4	3/4	218,452	3/4	204,114	3/4	189,858	3/4	174,834	3/4	159,592	3/4	144,350	3/4	129,109	3/4	113,867	3/4	98,621
3	3	3	218,145	3	203,825	3	189,552	3	174,516	3	159,274	3	144,033	3	128,791	3	113,549	3	98,303
1/4	1/4	1/4	217,837	1/4	203,537	1/4	189,246	1/4	174,199	1/4	158,957	1/4	143,715	1/4	128,474	1/4	113,232	1/4	97,986
1/2	1/2	1/2	217,529	1/2	203,248	1/2	188,940	1/2	173,881	1/2	158,639	1/2	143,398	1/2	128,156	1/2	112,914	1/2	97,668
3/4	3/4	3/4	217,216	3/4	202,958	3/4	188,633	3/4	173,564	3/4	158,322	3/4	143,080	3/4	127,839	3/4	112,597	3/4	97,350
4	4	4	216,902	4	202,668	4	188,326	4	173,246	4	158,004	4	142,763	4	127,521	4	112,279	4	97,033
1/4	1/4	1/4	216,589	1/4	202,379	1/4	188,019	1/4	172,928	1/4	157,687	1/4	142,445	1/4	127,203	1/4	111,962	1/4	96,715
1/2	1/2	1/2	216,276	1/2	202,089	1/2	187,712	1/2	172,611	1/2	157,369	1/2	142,128	1/2	126,886	1/2	111,644	1/2	96,397
3/4	3/4	3/4	215,962	3/4	201,797	3/4	187,403	3/4	172,293	3/4	157,052	3/4	141,810	3/4	126,568	3/4	111,327	3/4	96,080
5	5	5	215,649	5	201,506	5	187,095	5	171,976	5	156,734	5	141,493	5	126,251	5	111,009	5	95,762
1/4	1/4	1/4	215,335	1/4	201,215	1/4	186,786	1/4	171,658	1/4	156,417	1/4	141,175	1/4	125,933	1/4	110,692	1/4	95,444
1/2	1/2	1/2	215,022	1/2	200,923	1/2	186,478	1/2	171,341	1/2	156,099	1/2	140,857	1/2	125,616	1/2	110,374	1/2	95,127
3/4	3/4	3/4	214,709	3/4	200,631	3/4	186,168	3/4	171,023	3/4	155,782	3/4	140,540	3/4	125,298	3/4	110,056	3/4	94,809
6	6	6	214,395	6	200,338	6	185,858	6	170,706	6	155,464	6	140,222	6	124,981	6	109,739	6	94,491
1/4	1/4	1/4	214,082	1/4	200,046	1/4	185,548	1/4	170,388	1/4	155,147	1/4	139,905	1/4	124,663	1/4	109,421	1/4	94,174
1/2	1/2	1/2	213,768	1/2	199,753	1/2	185,238	1/2	170,071	1/2	154,829	1/2	139,587	1/2	124,346	1/2	109,103	1/2	93,856
3/4	3/4	3/4	213,455	3/4	199,459	3/4	184,927	3/4	169,753	3/4	154,511	3/4	139,270	3/4	124,028	3/4	108,786	3/4	93,539
7	7	7	213,142	7	199,165	7	184,615	7	169,436	7	154,194	7	138,952	7	123,711	7	108,468	7	93,221
1/4	1/4	1/4	212,828	1/4	198,871	1/4	184,304	1/4	169,118	1/4	153,876	1/4	138,635	1/4	123,393	1/4	108,151	1/4	92,903
1/2	1/2	1/2	212,515	1/2	198,577	1/2	183,993	1/2	168,801	1/2	153,559	1/2	138,317	1/2	123,076	1/2	107,833	1/2	92,586
3/4	3/4	3/4	212,204	3/4	198,281	3/4	183,680	3/4	168,483	3/4	153,241	3/4	138,000	3/4	122,758	3/4	107,515	3/4	92,268
8	8	8	211,892	8	197,984	8	183,368	8	168,165	8	152,924	8	137,682	8	122,440	8	107,198	8	91,950
1/4	1/4	1/4	211,581	1/4	197,688	1/4	183,056	1/4	167,848	1/4	152,606	1/4	137,365	1/4	122,123	1/4	106,880	1/4	91,633
1/2	1/2	1/2	211,270	1/2	197,391	1/2	182,743	1/2	167,530	1/2	152,289	1/2	137,047	1/2	121,805	1/2	106,562	1/2	91,315
3/4	3/4	3/4	210,976	3/4	197,093	3/4	182,429	3/4	167,213	3/4	151,971	3/4	136,730	3/4	121,488	3/4	106,245	3/4	90,997
9	9	9	210,682	9	196,795	9	182,116	9	166,895	9	151,654	9	136,412	9	121,170	9	105,927	9	90,680
1/4	1/4	1/4	210,388	1/4	196,497	1/4	181,802	1/4	166,578	1/4	151,336	1/4	136,094	1/4	120,853	1/4	105,609	1/4	90,362
1/2	1/2	1/2	210,094	1/2	196,200	1/2	181,488	1/2	166,260	1/2	151,019	1/2	135,777	1/2	120,535	1/2	105,292	1/2	90,044
3/4	3/4	3/4	209,812	3/4	195,900	3/4	181,173	3/4	165,943	3/4	150,701	3/4	135,459	3/4	120,218	3/4	104,974	3/4	89,727
10	10	10	209,530	10	195,601	10	180,858	10	165,625	10	150,384	10	135,142	10	119,900	10	104,656	10	89,409
1/4	1/4	1/4	209,248	1/4	195,302	1/4	180,542	1/4	165,308	1/4	150,066	1/4	134,824	1/4	119,583	1/4	104,339	1/4	89,091
1/2	1/2	1/2	208,966	1/2	195,003	1/2	180,227	1/2	164,990	1/2	149,748	1/2	134,507	1/2	119,265	1/2	104,021	1/2	88,774
3/4	3/4	3/4	208,683	3/4	194,702	3/4	179,911	3/4	164,673	3/4	149,431	3/4	134,189	3/4	118,948	3/4	103,703	3/4	88,456
11	11	11	208,400	11	194,402	11	179,594	11	164,355	11	149,113	11	133,872	11	118,630	11	103,386	11	88,138
1/4	1/4	1/4	208,116	1/4	194,102	1/4	179,278	1/4	164,038	1/4	148,796	1/4	133,554	1/4	118,313	1/4	103,068	1/4	87,821
1/2	1/2	1/2	207,833	1/2	193,801	1/2	178,961	1/2	163,720	1/2	148,478	1/2	133,237	1/2	117,995	1/2	102,750	1/2	87,503
3/4	3/4	3/4	207,548	3/4	193,499	3/4	178,644	3/4	163,402	3/4	148,161	3/4	132,919	3/4	117,677	3/4	102,433	3/4	87,185

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 TOP LIP OF 2" "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "CBC 393"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	86,868	0	71,621	0	56,373	0	41,144	0	25,900	0	10,653	0		0		0		0	
1/4	86,550	1/4	71,303	1/4	56,056	1/4	40,827	1/4	25,582	1/4	10,335	1/4		1/4		1/4		1/4	
1/2	86,233	1/2	70,985	1/2	55,738	1/2	40,509	1/2	25,264	1/2	10,018	1/2		1/2		1/2		1/2	
3/4	85,915	3/4	70,668	3/4	55,420	3/4	40,192	3/4	24,947	3/4	9,700	3/4		3/4		3/4		3/4	
1	85,597	1	70,350	1	55,103	1	39,875	1	24,629	1	9,382	1		1		1		1	
1/4	85,280	1/4	70,032	1/4	54,785	1/4	39,558	1/4	24,312	1/4	9,065	1/4		1/4		1/4		1/4	
1/2	84,962	1/2	69,715	1/2	54,467	1/2	39,241	1/2	23,994	1/2	8,747	1/2		1/2		1/2		1/2	
3/4	84,644	3/4	69,397	3/4	54,150	3/4	38,923	3/4	23,676	3/4	8,429	3/4		3/4		3/4		3/4	
2	84,327	2	69,079	2	53,832	2	38,605	2	23,359	2	8,111	2		2		2		2	
1/4	84,009	1/4	68,762	1/4	53,514	1/4	38,288	1/4	23,041	1/4	7,792	1/4		1/4		1/4		1/4	
1/2	83,691	1/2	68,444	1/2	53,197	1/2	37,970	1/2	22,723	1/2	7,477	1/2		1/2		1/2		1/2	
3/4	83,374	3/4	68,126	3/4	52,879	3/4	37,652	3/4	22,406	3/4	7,159	3/4		3/4		3/4		3/4	
3	83,056	3	67,809	3	52,561	3	37,335	3	22,088	3	6,841	3		3		3		3	
1/4	82,738	1/4	67,491	1/4	52,244	1/4	37,017	1/4	21,770	1/4	6,524	1/4		1/4		1/4		1/4	
1/2	82,421	1/2	67,173	1/2	51,926	1/2	36,699	1/2	21,453	1/2	6,206	1/2		1/2		1/2		1/2	
3/4	82,103	3/4	66,856	3/4	51,609	3/4	36,382	3/4	21,135	3/4	5,888	3/4		3/4		3/4		3/4	
4	81,785	4	66,538	4	51,292	4	36,064	4	20,818	4	5,571	4		4		4		4	
1/4	81,468	1/4	66,220	1/4	50,975	1/4	35,747	1/4	20,500	1/4	5,253	1/4		1/4		1/4		1/4	
1/2	81,150	1/2	65,903	1/2	50,658	1/2	35,429	1/2	20,182	1/2	4,936	1/2		1/2		1/2		1/2	
3/4	80,832	3/4	65,585	3/4	50,341	3/4	35,111	3/4	19,865	3/4	4,621	3/4		3/4		3/4		3/4	
5	80,515	5	65,267	5	50,023	5	34,794	5	19,547	5	4,307	5		5		5		5	
1/4	80,197	1/4	64,950	1/4	49,706	1/4	34,476	1/4	19,229	1/4	3,993	1/4		1/4		1/4		1/4	
1/2	79,879	1/2	64,632	1/2	49,389	1/2	34,158	1/2	18,912	1/2	3,678	1/2		1/2		1/2		1/2	
3/4	79,562	3/4	64,315	3/4	49,072	3/4	33,841	3/4	18,595	3/4	3,394	3/4		3/4		3/4		3/4	
6	79,244	6	63,997	6	48,755	6	33,523	6	18,278	6	3,109	6		6		6		6	
1/4	78,927	1/4	63,679	1/4	48,438	1/4	33,205	1/4	17,961	1/4	2,825	1/4		1/4		1/4		1/4	
1/2	78,609	1/2	63,362	1/2	48,121	1/2	32,888	1/2	17,641	1/2	2,540	1/2		1/2		1/2		1/2	
3/4	78,291	3/4	63,044	3/4	47,804	3/4	32,570	3/4	17,323	3/4	2,308	3/4		3/4		3/4		3/4	
7	77,974	7	62,726	7	47,486	7	32,253	7	17,006	7	2,077	7		7		7		7	
1/4	77,656	1/4	62,409	1/4	47,169	1/4	31,935	1/4	16,688	1/4	1,845	1/4		1/4		1/4		1/4	
1/2	77,338	1/2	62,091	1/2	46,852	1/2	31,617	1/2	16,371	1/2	1,614	1/2		1/2		1/2		1/2	
3/4	77,021	3/4	61,773	3/4	46,535	3/4	31,300	3/4	16,053	3/4	1,435	3/4		3/4		3/4		3/4	
8	76,703	8	61,456	8	46,218	8	30,982	8	15,735	8	1,256	8		8		8		8	
1/4	76,385	1/4	61,138	1/4	45,901	1/4	30,664	1/4	15,418	1/4	1,078	1/4		1/4		1/4		1/4	
1/2	76,068	1/2	60,820	1/2	45,584	1/2	30,347	1/2	15,100	1/2	899	1/2		1/2		1/2		1/2	
3/4	75,750	3/4	60,503	3/4	45,266	3/4	30,029	3/4	14,782	3/4		3/4		3/4		3/4		3/4	
9	75,432	9	60,185	9	44,949	9	29,711	9	14,465	9		9		9		9		9	
1/4	75,115	1/4	59,867	1/4	44,632	1/4	29,394	1/4	14,147	1/4		1/4		1/4		1/4		1/4	
1/2	74,797	1/2	59,550	1/2	44,315	1/2	29,076	1/2	13,829	1/2		1/2		1/2		1/2		1/2	
3/4	74,479	3/4	59,232	3/4	43,998	3/4	28,758	3/4	13,512	3/4		3/4		3/4		3/4		3/4	
10	74,162	10	58,914	10	43,681	10	28,441	10	13,194	10		10		10		10		10	
1/4	73,844	1/4	58,597	1/4	43,364	1/4	28,123	1/4	12,877	1/4		1/4		1/4		1/4		1/4	
1/2	73,526	1/2	58,279	1/2	43,046	1/2	27,806	1/2	12,559	1/2		1/2		1/2		1/2		1/2	
3/4	73,209	3/4	57,961	3/4	42,729	3/4	27,488	3/4	12,241	3/4		3/4		3/4		3/4		3/4	
11	72,891	11	57,644	11	42,412	11	27,170	11	11,924	11		11		11		11		11	
1/4	72,573	1/4	57,326	1/4	42,095	1/4	26,853	1/4	11,606	1/4		1/4		1/4		1/4		1/4	
1/2	72,256	1/2	57,008	1/2	41,778	1/2	26,535	1/2	11,288	1/2		1/2		1/2		1/2		1/2	
3/4	71,938	3/4	56,691	3/4	41,461	3/4	26,217	3/4	10,971	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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